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**INDOOR AIR AND
SUB-SURFACE SOIL VAPOR MONITORING
STATUS REPORT**

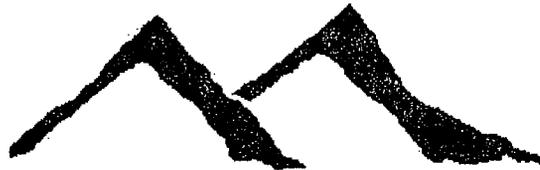
**TOP STOP PETROLEUM RELEASE SITE
GUNNISON, UTAH**

Prepared for:

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Division of Environmental Response and Remediation

August 21, 2009

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1.0 INTRODUCTION/BACKGROUND INFORMATION

RMEC Environmental, Inc. (RMEC) has prepared this indoor air and sub-surface vapor monitoring status report (Status Report) on behalf of Wind River Petroleum/Top Stop Convenience Stores. This Status Report was developed as an element of the overall Corrective Action Plan (CAP) for the petroleum release that occurred at the Top Stop Convenience store in Gunnison, Utah. The development of this Status Report was stipulated by the Utah Division of Environmental Response and Remediation (DERR) in a July 21, 2009 letter to Wind River Petroleum/Top Stop Convenience Stores. The purpose of this Status Report is to detail the results of all indoor air monitoring and sub-slab/near-slab soil vapor monitoring performed to date in Gunnison homes and businesses that were impacted by the Top Stop Petroleum release and to provide recommendations for ongoing monitoring and corrective actions at selected locations.

2.0 DESCRIPTION OF MONITORING

2.1 Indoor/Outdoor Air Monitoring

Shortly after the petroleum release from the Gunnison Top Stop was discovered, representatives from Wasatch Environmental (Wasatch) began collecting indoor air samples in residences and businesses that were potentially impacted by the release. The homes and businesses that were targeted for the initial sampling effort were chosen based on their proximity to the Top Stop store, the presence of indoor petroleum odors, and from specific requests by home/business owners. Shortly after the release was discovered, Wasatch also conducted soil borings and ground water sampling to determine the extent of the subsurface petroleum plume. Soil Vapor Extraction (SVE) systems were installed at strategic locations in the petroleum plume to help remove sub-surface vapors from the release.

When the boundaries of the subsurface petroleum plume were delineated, Wasatch identified homes and businesses that were believed to be situated above the plume. Sub-slab ventilation systems were installed at many of these structures to prevent soil vapors caused by the release from entering the buildings. These structures were identified for ongoing indoor air monitoring in a letter from Wasatch to the Division of Environmental Response and Remediation (DERR) titled "Modified Schedule for Residential and Business Indoor Air Analysis" dated September 15, 2008. This list contained the 15 residential structures and 16 commercial structures listed below.

Residential Structures:

- 26 West 100 South Street*
- 36 West 100 South Street*
- 29 West 100 South Street*
- 39 West 100 South Street*

- 40 West 100 South Street*
- 49 West 100 South Street*
- 59 West 200 South Street*
- 70 West 300 South Street*
- 40 West 200 South Street*
- 60 West 200 South Street*
- 68 West 200 South Street*
- 78 West 200 South Street*
- 96 West 200 South Street*
- 220 South 100 West Street*
- 255 South 100 West Street*

Commercial Structures:

- Body Barn - 62 South Main*
- Casino Star Theater - 78 South Main*
- Dorius Law Office - 47 South Main*
- Gunnison Barber Shop - 76 South Main Street
- Gunnison Plumbing and Heating - 20 South Main Street
- Gunnison Telephone - 29 South Main
- Gunnison Valley Bank - 10 South Main Street
- Lila Lee's Apparel - 70 South Main Street*
- His N Hers Inc. - 98 South Main Street*
- Home Town Cafe - 50 South Main Street*
- Jensen Drug – 77 South Main*
- Lotsa Motsa Pizza – 54 South Main*
- Nails and Hair – 65 South Main
- State Farm Insurance – 28 South Main
- White Hills trading Company – 74 South Main
-

*Sub-surface soil vapor probes have been installed at these properties

Wasatch personnel collected all of their indoor air samples using 6-liter Summa canisters equipped with flow restrictors that allowed the samples to be collected over an 8-hour period. The canisters were generally placed in living areas of the residences and in occupied areas of the businesses; however, based on individual circumstances, some canisters were placed in crawl spaces or unoccupied basement areas of the building. Most of the indoor air monitoring was performed with the SVE systems and sub-slab ventilation systems operating.

RMEC Environmental, Inc. took over the indoor air monitoring duties in January, 2009. RMEC responded to some specific requests for indoor air sampling in selected businesses and residences and began collecting indoor air samples at the businesses and residences identified in the Wasatch letter to the DERR. RMEC also used 6-liter Summa canisters to collect the air samples; however, the air samples were collected over a 24-hour period instead of an 8-hour period.

All indoor air samples were submitted to DataChem Laboratories of Salt Lake City for volatile organic compound (VOC) analysis in accordance with EPA Method TO15.

2.2 Sub-Slab and Near-Slab Soil Vapor Monitoring

In order to better delineate the sources of petroleum-related vapors found in the indoor air samples, RMEC installed subsurface vapor probes in 15 residential structures and 5 commercial structures. Sub-slab soil vapor probes were installed in those buildings with poured concrete foundations, whereas near-slab probes were installed in those structures that did not have poured foundations. The vapor probes were placed within or adjacent to each selected building at locations that were expected to have the highest concentration of subsurface petroleum vapors caused by the Top Stop release. All of the sub-surface soil vapor monitoring was performed with the SVE systems and sub-slab depressurization systems operating.

A Soil Vapor Monitoring Proposal, which details the properties to be sampled and the sub-slab and near-slab vapor probe installation and sampling methodologies, was submitted to the DERR on March 9, 2009 and is attached (Appendix A) for reference.

3.0 FINDINGS/DATA SUMMARY

The spreadsheets in Appendix B summarize the indoor air monitoring and sub-slab/near-slab vapor monitoring for all of the sampled Gunnison locations. Several of the properties that were sampled during the initial phases of the release have been dropped from the on-going monitoring since it has been determined that they were not situated over the groundwater petroleum plume. A separate spreadsheet has been developed for each monitored property. Each spreadsheet contains the full suite of chemicals that were analyzed with the EPA TO15 analysis; however, typical petroleum-related compounds (benzene, toluene, ethyl benzene, and xylene) have been highlighted for easier reference.

In addition, the following sections have been prepared to provide a brief description of the indoor and soil vapor monitoring that was performed at each residential and commercial property.

3.1 78 West 200 South

Between 7/9/08 and 4/16/09, five indoor air samples were collected at this residence. The benzene levels in the samples ranged from 1 - 12 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 3/23/2009. The one sub-slab benzene level measured at the residence on 5/5/09 was 1.6 $\mu\text{g}/\text{m}^3$.

3.2 96 West 200 South

A sub-slab ventilation system has been installed in this home. Between 11/16/07 and 6/9/09, ten indoor air samples were collected at this residence. The benzene levels in the samples ranged

from $<0.32 - 8.1 \mu\text{g}/\text{m}^3$ with the highest measurement occurring on 12/14/07. The one sub-slab benzene level measured at the residence on 5/4/09 was $4.5 \mu\text{g}/\text{m}^3$.

3.3 39 West 100 South

A sub-slab ventilation system has been installed in this home. It is currently unoccupied. Between 12/5/07 and 3/23/09, six indoor air samples were collected at this residence. The benzene levels in the samples ranged from $0.57 - 27 \mu\text{g}/\text{m}^3$ with the highest measurement occurring on 12/5/07. The one sub-slab benzene level measured at the residence on 5/4/09 was $1.6 \mu\text{g}/\text{m}^3$.

3.4 44 South 100 West

One indoor sample was collected at this residence on 8/7/08. The benzene level in the sample was $81 \mu\text{g}/\text{m}^3$. This elevated benzene level was reportedly due to a gasoline spill in the garage of the residence. Subsequent to this sampling event, it was determined that this property is not situated above the groundwater gasoline plume and, therefore, it was not included in the on-going indoor air and subsurface monitoring in Gunnison.

Based on the monitoring history and location of this property relative to the groundwater plume, RMEC recommends no further monitoring for this property.

3.5 68 West 200 South

A sub-slab ventilation system has been installed in this home. Between 11/9/07 and 3/26/09, seven indoor air samples were collected at this residence. The benzene levels in the samples ranged from $0.56 - 4.1 \mu\text{g}/\text{m}^3$ with the highest measurement occurring on 11/9/07. The one sub-slab benzene level measured at the residence on 5/28/09 was $<1.3 \mu\text{g}/\text{m}^3$.

3.6 60 West 200 South

A sub-slab ventilation system has been installed in this home. Between 11/14/07 and 3/23/09, ten indoor air samples were collected at this residence. The benzene levels in the samples ranged from $0.67 - 47 \mu\text{g}/\text{m}^3$ with the highest measurement occurring on 11/19/08. The one near-slab benzene level measured at the residence on 5/28/09 was $<1.3 \mu\text{g}/\text{m}^3$.

3.7 40 West 100 South

Between 11/14/07 and 3/23/09, five indoor air samples were collected at this residence. The benzene levels in the samples ranged from $0.55 - 2.8 \mu\text{g}/\text{m}^3$ with the highest measurement occurring on 7/9/08. The one near-slab benzene level measured at the residence on 5/28/09 was $2.6 \mu\text{g}/\text{m}^3$.

3.8 89 West Center Street

Between 11/19/07 and 4/25/08, four indoor air samples were collected at this residence. The benzene levels in the samples ranged from 12 – 130 $\mu\text{g}/\text{m}^3$. The elevated benzene levels at this property were reportedly due to a furnace drawing air from an attached garage that stored recreational vehicles. Eventually, it was determined that this property was not situated above the groundwater gasoline plume and, therefore, it was not included in the on-going indoor air and subsurface monitoring in Gunnison.

Based on the monitoring history and location of this property relative to the groundwater plume, RMEC recommends no further monitoring for this property.

3.9 29 West 100 South

A sub-slab ventilation system has been installed in this home. Between 10/26/07 and 3/26/09, seven indoor air samples were collected at this residence. The benzene levels in the samples ranged from 0.59 – 20 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 10/26/07. The one sub-slab benzene level measured at the residence on 4/29/09 was $<1.3 \mu\text{g}/\text{m}^3$.

3.10 40 West 200 South

Between 7/9/08 and 3/23/09, four indoor air samples were collected at this residence. The benzene levels in the samples ranged from 0.69 – 1.6 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 9/4/08. RMEC attempted to install a near-slab soil vapor probe at this property, but encountered sub-surface rocks and was not able to complete the probe.

3.11 26 West 100 South

A sub-slab ventilation system has been installed in this home. Between 11/16/07 and 3/23/09, eight indoor air samples were collected at this residence. The benzene levels in the samples ranged from 0.6 – 25 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 11/16/07. The one sub-slab benzene level measured at the residence on 4/29/09 was 2.4 $\mu\text{g}/\text{m}^3$.

3.12 36 West 100 South

A sub-slab ventilation system has been installed in this home. Between 11/16/07 and 3/23/09, seven indoor air samples were collected at this residence. The benzene levels in the samples ranged from 0.81 – 8.8 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 11/16/07. The one sub-slab benzene level measured at the residence on 4/29/09 was 17 $\mu\text{g}/\text{m}^3$.

3.13 49 West 100 South

A sub-slab ventilation system has been installed in this home. Between 1/7/08 and 3/23/09, five indoor air samples were collected at this residence. The benzene levels in the samples ranged from 0.7 – 1.7 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 9/4/08. The one sub-slab benzene level measured at the residence on 6/9/09 was 2.8 $\mu\text{g}/\text{m}^3$.

3.14 43 West Center Street

One indoor air sample was collected at this property on 12/5/07. The benzene level measured in this sample was $1.4 \mu\text{g}/\text{m}^3$. Subsequent to this sampling event, it was determined that this property is not situated above the groundwater gasoline plume and, therefore, it was not included in the on-going indoor air and subsurface monitoring in Gunnison.

Based on the monitoring history and location of this property relative to the groundwater plume, RMEC recommends no further monitoring for this property.

3.15 255 South 100 West

Between 11/7/07 and 6/22/09, nineteen indoor air samples were collected at this residence. The benzene levels in the samples ranged from $0.9 - 48 \mu\text{g}/\text{m}^3$ with the highest measurement occurring on 6/22/09. Six sub-slab soil vapor samples were collected and the benzene levels in the samples ranged from $2 - 35 \mu\text{g}/\text{m}^3$ with the highest measurement also occurring on 6/22/09. Since the last indoor and sub-slab sampling event, Wasatch Environmental has performed additional remedial actions at the home, including the installation of a soil vapor extraction system under the garage.

3.16 220 South 100 West

Between 11/9/07 and 3/23/09, thirteen indoor air samples were collected at this residence. The benzene levels in the samples ranged from $<1 - 78 \mu\text{g}/\text{m}^3$ with the highest measurement occurring on 9/4/08. The one near-slab benzene level measured at the residence on 5/28/09 was $3.5 \mu\text{g}/\text{m}^3$.

3.17 20 East Center Street

One indoor air sample was collected at this property on 11/7/07. The benzene level measured in this sample was $3.2 \mu\text{g}/\text{m}^3$. Subsequent to this sampling event, it was determined that this property is not situated above the groundwater gasoline plume and, therefore, it was not included in the on-going indoor air and subsurface monitoring in Gunnison.

Based on the monitoring history and location of this property relative to the groundwater plume, RMEC recommends no further monitoring for this property.

3.18 12 East Center Street

Two indoor air samples were collected at this property on 11/9/07. The benzene level measured in the sample ranged from $1.4 - 2.2 \mu\text{g}/\text{m}^3$. Subsequent to this sampling event, it was determined that this property is not situated above the groundwater gasoline plume and, therefore, it was not included in the on-going indoor air and subsurface monitoring in Gunnison.

Based on the monitoring history and location of this property relative to the groundwater plume, RMEC recommends no further monitoring for this property.

3.19 70 West 300 South

Between 11/12/07 and 3/23/09, six indoor air samples were collected at this residence. The benzene levels in the samples ranged from 0.55 – 1.1 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 9/5/08. The one near-slab benzene level measured at the residence on 6/9/09 was 2.1 $\mu\text{g}/\text{m}^3$.

3.20 59 West 200 South

A sub-slab ventilation system has been installed in this home. Between 11/14/07 and 3/23/09, six indoor air samples were collected at this residence. The benzene levels in the samples ranged from 0.61 – 13 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 8/14/08. The one sub-slab benzene level measured at the residence on 6/9/09 was 1.8 $\mu\text{g}/\text{m}^3$.

3.21 50 West 100 South

Between 11/14/07 and 3/23/09, three indoor air samples were collected at this residence. The benzene levels in the samples ranged from 0.6 – 1.4 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 11/14/07. Eventually, this property was determined not to be above the groundwater gasoline plume and was not included in the on-going indoor air monitoring in Gunnison.

Based on the monitoring history and location of this property relative to the groundwater plume, RMEC recommends no further monitoring for this property.

3.22 Body Barn – 62 South Main

Between 9/18/07 and 6/9/09, seven indoor air samples were collected at this business. The benzene levels in the samples ranged from <1 - 43 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 4/16/2009. Two sub-slab soil vapor samples were collected between 4/29/09 and 6/9/09 and the benzene levels in the samples ranged from 5.7 - 22 $\mu\text{g}/\text{m}^3$. A head space analysis performed on rubber floor mats in the building indicated that these mats were emitting various hydrocarbons, including benzene, and were likely contributing to the elevated petroleum vapors inside the building.

3.23 Casino Star Theater – 78 South Main

Between 10/26/07 and 6/9/09, six indoor air samples were collected at this business. The benzene levels in the samples ranged from <0.32 – 4200 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 11/19/07. The one sub-slab benzene level measured at the business on 6/10/09 was 4.5 $\mu\text{g}/\text{m}^3$. The Casino Star Theater has been the subject of numerous investigations to determine the source of the petroleum vapors and to prescribe remedial actions. An abandoned pipe in the basement was found to be a conduit that allowed sub-surface soil vapors to enter the building. This pipe was attached to the soil vapor extraction (SVE) system, after which indoor air measurements showed greatly reduced petroleum vapor levels.

3.24 Dorius Law Offices – 47 South Main

Between 9/6/07 and 3/26/09, five indoor air samples were collected at this business. The benzene levels in the samples ranged from 0.61 – 2 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 9/6/07. The one sub-slab benzene level measured at the business on 5/5/09 was 3.2 $\mu\text{g}/\text{m}^3$.

3.25 Gunnison Barber Shop – 76 South Main

Between 7/15/08 and 3/26/09, five indoor air samples were collected at this business. The benzene levels in the samples ranged from 0.8 – 61 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 7/15/08.

3.26 Gunnison Plumbing – 20 South Main

Between 9/18/07 and 9/17/08, four indoor air samples were collected at this business. The benzene levels in the samples ranged from <1 – 1.4 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 9/18/07. The building is now unoccupied.

3.27 Gunnison Telephone – 29 South Main

Between 9/6/07 and 3/26/09, five indoor air samples were collected at this business. The benzene levels in the samples ranged from 0.82 – 1.8 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 9/6/07. The one near-slab benzene level measured adjacent to the business on 5/5/09 was 1.8 $\mu\text{g}/\text{m}^3$.

3.28 Gunnison Valley Bank – 10 South Main

Between 10/23/07 and 3/26/09, seven indoor air samples were collected at this business. The benzene levels in the samples ranged from 0.73 – 8.8 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 10/26/07.

3.29 Head Start – 189 South Main

One air sample was collected at this business on 1/2/08. The benzene level in the sample was 1.4 $\mu\text{g}/\text{m}^3$. The business was not located above the sub-surface petroleum plume and has since moved.

3.30 His N Hers – 98 South Main

A sub-slab ventilation system has been installed in this building. Between 9/6/07 and 3/26/09, eight indoor air samples were collected at this business. The benzene levels in the samples ranged from 0.87 – 53 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 11/19/07. The one sub-slab benzene level measured at the business on 5/5/09 was <1.3 $\mu\text{g}/\text{m}^3$.

3.31 Home Town Café/Malt Shop – 50 South Main

Between 9/18/07 and 3/26/09, five indoor air samples were collected at this business. The benzene levels in the samples ranged from 0.74 – 8.1 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 9/18/07. The one sub-slab benzene level measured at the business on 6/10/09 was $<2.6 \mu\text{g}/\text{m}^3$.

3.32 Jensen Drug – 77 South Main

Between 12/3/07 and 3/23/09, five indoor air samples were collected at this business. The benzene levels in the samples ranged from 1.3 – 12 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 9/17/08. The one near-slab benzene level measured at the business on 6/9/09 was 1.3 $\mu\text{g}/\text{m}^3$.

3.33 Lila Lee's Apparel – 70 South Main

Between 9/7/07 and 9/17/08, six indoor air samples were collected at this business. The benzene levels in the samples ranged from 1.2 – 27 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 9/7/07. Two sub-slab soil vapor samples were collected from the business on 5/5/09 and ranged from 2.5 – 3.8 $\mu\text{g}/\text{m}^3$.

3.34 Lotsa Motsa Pizza – 54 South Main

Between 9/6/07 and 6/9/09, eight indoor air samples were collected at this business. The benzene levels in the samples ranged from 0.46 – 9.2 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 9/6/07. Two sub-slab soil vapor samples were collected from the business on 4/30/09 and 6/9/09 and ranged from $<1.3 - 3.2 \mu\text{g}/\text{m}^3$.

3.35 Nails and Hair – 65 South Main

Between 7/15/08 and 3/26/09, four indoor air samples were collected at this business. The benzene levels in the samples ranged from 0.82 – 1.5 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 8/11/08.

3.36 State Farm Insurance – 28 South Main

Between 9/18/07 and 3/26/09, five indoor air samples were collected at this business. The benzene levels in the samples ranged from 0.78 – 1.7 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 8/11/08.

3.37 White Hills Trading Company – 74 South Main

Between 9/6/07 and 3/26/09, seven indoor air samples were collected at this business. This building has a sub-slab ventilation system. The benzene levels in the samples ranged from 0.53 – 45 $\mu\text{g}/\text{m}^3$ with the highest measurement occurring on 7/15/08.

4.0 RECOMMENDATIONS FOR ON-GOING MONITORING

As previously stated, the purpose of this Status Report is to detail the results of all indoor air monitoring and sub-slab/near-slab soil vapor monitoring performed to date in homes and businesses in Gunnison that were impacted by the Top Stop Petroleum release and to provide recommendations for ongoing monitoring and corrective actions at selected locations.

As can be seen in the data summarized in this report, indoor petroleum vapor levels in the homes and businesses in Gunnison have varied widely over time since the initial release was discovered. Petroleum-related vapors are ubiquitous in the environment and it is often difficult to ascertain the source of these vapors in an indoor environment. RMEC believes subsurface soil vapor monitoring, using sub-slab or near-slab soil sampling methods, is the best tool for evaluating the contribution of a sub-surface petroleum release to the overall petroleum vapor concentrations in an indoor environment and proposes to use this method to evaluate the impact from the Top Stop release.

RMEC has based the following recommendations for on-going monitoring and corrective actions primarily on the sub-surface soil vapor monitoring performed in the residences and businesses in Gunnison. However, the history of indoor air levels of petroleum vapors and the timing of the peak concentrations of these vapors were also considered in establishing the on-going monitoring schedule. For instance, a higher monitoring frequency was prescribed for locations where there have been elevated indoor petroleum vapors, even though sub-surface vapor concentrations were found to be low.

While there are a number of compounds found in petroleum, benzene poses the greatest health risk and typically is the driver for the establishment of remediation action levels. When benzene concentrations are within allowable risk-based limits, the concentrations of other petroleum-related compounds typically are also well within allowable risk levels. Therefore, the benzene concentrations measured during the indoor air and sub-surface soil vapor monitoring is the primary driver for the recommended monitoring schedule.

4.1 Risk-Based Screening Level Calculations

Indoor air target benzene concentrations for residential and commercial structures were calculated in accordance with Table D1 of *Guidelines for Utah's Corrective Action Process for Leaking Underground Storage Tank Sites, October, 2005*, which was derived from the ASTM Standard Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites, E1739-95.

The target indoor air concentration for residential environments was calculated in accordance with the following equation:

$$RBSL_{air-c} \frac{ug}{m^3 air} = \frac{TER \times BW \times AT_c \times 365days/yr}{SF_i \times IR_{air} \times EF \times ED} \times 10^3 \frac{ug}{mg}$$

Where : AT_c = averaging time for carcinogens = 70 years
 BW = adult body weight = 70 kg
 ED = exposure duration = 30 years
 EF = exposure frequency = 350 days/year
 IR_{air} = daily indoor inhalation rate = 15 m³/day
 $RBSL_{air-c}$ = indoor air risk based screening level ($\mu\text{g}/\text{m}^3$)
 SF = inhalation cancer slope factor = 0.029 (mg/kg-day)⁻¹
 TER = target excess risk = 10⁻⁶

Using these site-specific parameters, the calculated residential indoor target benzene concentration is:

$$0.39 \mu\text{g}/\text{m}^3$$

The target indoor air concentration for commercial environments was calculated using the same equation with the following parameters:

AT_c = averaging time for carcinogens = 70 years
 BW = adult body weight = 70 kg
 ED = exposure duration = 25 years
 EF = exposure frequency = 250 days/year
 IR_{air} = daily indoor inhalation rate = 15 m³/day
 $RBSL_{air-c}$ = indoor air risk based screening level ($\mu\text{g}/\text{m}^3$)
 SF = inhalation cancer slope factor = 0.029 (mg/kg-day)⁻¹
 TER = target excess risk = 10⁻⁶

Using these site-specific parameters, the calculated commercial indoor target benzene concentration is:

$$0.49 \mu\text{g}/\text{m}^3$$

4.2 Target Sub-Surface Soil Vapor Calculations

The State of Utah has not adopted attenuation factors for use in relating indoor air concentrations to sub-surface or sub-slab vapor sources. Several other states and professional organizations have adopted attenuation factors ranging from 0.1 to 0.001 for sub-slab vapor sources. In the absence of a regulatory or consensus standard, RMEC applied the most conservative attenuation factor of 0.1 to the target indoor benzene levels for residential and commercial structures. Application of this attenuation factors allows us to establish target sub-surface concentrations that can be used as the basis for establishing a future monitoring schedule for the properties. This attenuation factor was used to establish both the sub-slab and near-slab target levels. Using these criteria, target sub-surface benzene concentrations in the residential structures is 3.9 $\mu\text{g}/\text{m}^3$ and in the commercial structures is 4.9 $\mu\text{g}/\text{m}^3$. Please note that these target sub-surface concentrations do not necessarily pose an unacceptable risk, they only represent the sub-surface benzene concentrations that could result in indoor air benzene levels above the 10⁻⁶ risk level.

4.3 Monitoring Schedule

Sub-slab and/or near-slab soil vapor samples will be collected on a monthly basis from the residential properties where sub-slab or near-slab benzene levels have been shown to be greater than $3.9 \mu\text{g}/\text{m}^3$ and at commercial properties where the sub-surface benzene levels have been shown to be greater than $4.9 \mu\text{g}/\text{m}^3$. The monthly monitoring will continue at these properties until two consecutive benzene measurements are at or below the target concentration. After such time, the monitoring frequency will be reduced to a quarterly basis.

Sub-slab and/or near-slab soil vapor samples will be collected on a quarterly basis from the residential properties where sub-slab or near-slab benzene levels have been shown to be less than or equal to $3.9 \mu\text{g}/\text{m}^3$ and at commercial properties where the sub-surface benzene levels have been shown to be less than $4.9 \mu\text{g}/\text{m}^3$. The overall monitoring will continue for one year (ending in the second quarter of 2010) at which time the monitoring data will be evaluated and the need for continued on-going monitoring will be reassessed.

Proposed Sub-surface Soil Vapor Monitoring Schedule

Property Location/Name	Measured Sub-surface Concentration of Benzene ($\mu\text{g}/\text{m}^3$)	Target Sub-surface Benzene Concentration ($\mu\text{g}/\text{m}^3$)	Sampling Frequency	Next Sampling Date
Residential Structures				
26 West 100 South	2.4	3.9	Quarterly	September 09
36 West 100 South	17	3.9	Monthly	September 09
29 West 100 South	<1.3	3.9	Quarterly	September 09
39 West 100 South	1.6	3.9	Quarterly	September 09
40 West 100 South	2.6	3.9	Quarterly	September 09
49 West 100 South	2.8	3.9	Quarterly	September 09
59 West 200 South	1.8	3.9	Quarterly	September 09
70 West 300 South	2.1	3.9	Quarterly	September 09
60 West 200 South	<1.3	3.9	Quarterly	September 09
68 West 200 South	<1.3	3.9	Quarterly	September 09
78 West 200 South	1.6	3.9	Quarterly	September 09
96 West 200 South	4.5	3.9	Monthly	September 09
220 South 100 West	3.5	3.9	Monthly	September 09
255 South 100 West*	2 - 35	3.9	TBD*	TBD*
Commercial Structures				
Body Barn	5.7 - 22	4.9	Monthly	September 09
Casino Star Theater	4.5	4.9	Monthly	September 09
Dorius Law Office	3.2	4.9	Quarterly	September 09
Lila Lee's Apparel	2.5 - 3.8	4.9	Quarterly	September 09
His and Hers	<1.3	4.9	Quarterly	September 09
Home Town Cafe	2.6	4.9	Quarterly	September 09
Jensen Drug	1.3	4.9	Quarterly	September 09
Lotsa Motsa Pizza	<1.3 - 3.2	4.9	Monthly	September 09
Gunnison Telephone	1.8	4.9	Quarterly	September 09

*Ongoing remedial efforts are taking place at this property and the monitoring schedule will be adjusted after these efforts are completed.

Please note that this monitoring schedule also considered the history of indoor air monitoring results at the properties and the location of the properties in regards to the ground water plume. In instances where there have been past occurrences of elevated indoor benzene readings, monthly monitoring of the sub-surface soil vapors was recommended even though the measured sub-surface soil vapors were within the target level.

Appendix A –

Soil Vapor Monitoring Proposal

SOIL VAPOR SAMPLING PROPOSAL

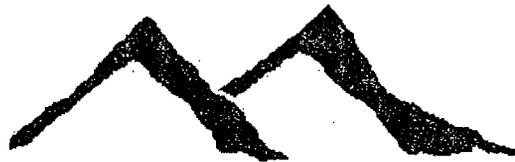
**TOP STOP PETROLEUM RELEASE SITE
GUNNISON, UTAH**

Prepared for:

Morgan Atkinson, PG
Project Manager
State of Utah
Division of Environmental Response and Remediation

March 9, 2009

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TABLE 1 – SUMMARY OF RESIDENTIAL INDOOR AIR MONITORING

TABLE 2 – SUMMARY OF COMMERCIAL INDOOR AIR MONITORING

FIGURE 1 – SAMPLE TRAIN ASSEMBLY

FIGURE 2 – TYPICAL SUB-SLAB VAPOR WELL CONSTRUCTION

FIGURE 3 – TYPICAL NEAR-SLAB VAPOR WELL CONSTRUCTION

1.0 INTRODUCTION AND SCOPE OF WORK

RMEC Environmental, Inc. (RMEC) has prepared this Soil Vapor Sampling Proposal (Proposal) for the Division of Environmental Response and Remediation (DERR) on behalf of Wind River Petroleum/Top Stop Convenience Stores. This Proposal was developed as an element of the overall corrective action plan (CAP) for the petroleum release that occurred at the Top Stop Convenience store in Gunnison, Utah. The purpose of this Proposal is to detail the methods and materials that will be used to collect samples of petroleum vapors in soils under and around homes and businesses in Gunnison that were impacted by the Top Stop Petroleum release.

1.1 Purpose and Scope

The soil vapor sampling will be performed at residential homes and businesses potentially impacted by the Top Stop release. For the purpose of this Proposal, the potentially impacted homes and businesses are those that were included in previous indoor air monitoring and that have been determined to be above the petroleum plume from the Top Stop release.

Many of the commercial structures containing the impacted businesses are interconnected and are faced with unique structural and subsurface conditions that will complicate the soil vapor sampling process. Therefore, the initial sampling efforts will entail conducting soil vapor sampling (sub-slab and/or near-slab) at residential structures that have been determined to be above the petroleum plume and businesses with concrete basement floors that are above the plume.

Sections 2.3 and 2.4 provide a comprehensive list of residential and commercial structures that will be included in the initial soil vapor monitoring. RMEC intends to perform soil vapor sampling to evaluate the vapor intrusion pathway for all impacted structures, both residential and commercial; however, any future soil vapor sampling for the impacted commercial structures that do not have basements with concrete floors will be addressed as a separate addendum to this Proposal.

1.2 Background

Beginning in October of 2007, indoor air sampling has been conducted in various residential and commercial structures that were potentially impacted by the Top Stop petroleum release. Tables 1 and 2 at the end of this Proposal summarize the results of the residential indoor air monitoring conducted to date. As indicated in these tables, the vapor levels (specifically benzene) in the structures have fluctuated with time. In general, those structures with elevated vapor levels during the initial stages of the release have shown decreased petroleum vapor levels after the soil vapor extraction (SVE) systems began operating. However, there are some buildings where the vapor levels have remained consistently low, even though the buildings are situated above the ground water plume. For other buildings, the petroleum vapor levels have continually fluctuated without any correlation to the operation of the SVE system or other environmental factors.

While these fluctuations may be related to vapor intrusion from the Top Stop release, they may, in part or in whole, be due to unrelated variables, such as influences by indoor sources and/or random variations in outdoor vapor levels. In order to determine if the petroleum vapors from the Top Stop release are responsible for fluctuations in indoor petroleum vapor levels, RMEC proposes to conduct soil vapor monitoring beneath or adjacent to the structures where monthly indoor air monitoring has occurred in the past. Testing for soil vapors will allow RMEC and Wasatch Environmental, Inc. (Wasatch), to verify if a complete vapor intrusion pathway exists between the plume and the impacted structures. Data generated

from the soil vapor sampling will also provide information as to possible mitigation methods for those properties where a complete vapor intrusion pathway has been identified.

2.0 SOIL VAPOR SAMPLING AND ANALYSIS

RMEC is proposing to perform the soil vapor sampling with the installation of permanent soil vapor monitoring points. Installation of permanent soil vapor monitoring points will allow soil vapor wells to be capped and secured shut to prevent infiltration of water and/or ambient air into the subsurface probe(s) and to prevent accidental damage or vandalism. This will allow for long-term monitoring of soil vapors adjacent to and/or under existing buildings. Site-specific concentrations of petroleum vapors beneath and adjacent to the impacted structures will be measured to evaluate the vapor intrusion pathway for each of the properties listed in sections 2.3 and 2.4, below. The establishment of permanent soil gas monitoring points will allow for periodic evaluations of subsurface conditions and will provide data to help evaluate the effectiveness of the soil vapor extraction (SVE) systems.

2.1 Contaminants of Concern

The contaminants of concern for this site are the aliphatic and aromatic hydrocarbons that are components of gasoline. Therefore, the soil vapor sampling will include characterization for the compounds benzene, toluene, ethyl benzene and xylene (BTEX), the primary aromatic hydrocarbons in gasoline, as well as other aromatic and aliphatic hydrocarbons typically found in gasoline.

2.2 General Considerations

Measurement of soil vapors is a common approach for evaluating the vapor intrusion pathway from subsurface sources such as releases from leaking underground storage tanks (LUSTs). Soil vapor data are reflective of subsurface properties and can allow for real-time air monitoring results. Soil vapor monitoring can be differentiated by the location of the samples relative to a structure. "Near-slab" soil vapor samples are collected within a short distance (usually 10 feet) of a structure. Soil vapor samples collected more than 10 feet away from the perimeter of a structure are generally referred to as "exterior" samples. Finally, soil vapor samples can be collected below a building foundation or slab and are termed "sub-slab" samples. Each of these sampling methods has different applicability in a vapor intrusion study.

Sub-slab monitoring is the preferred approach to investigating vapor intrusion primarily due to the proximity of the sample location to the receptors and the elimination of background interferences (when proper sampling methods are employed). Sub-slab soil vapor sampling involves collecting soil vapors from the space immediately under a slab-on-grade floor or concrete basement floor. RMEC is proposing to conduct sub-slab monitoring whenever feasible. Near-slab monitoring will be used for residential buildings that do not have slab-on-grade construction or a concrete basement floor. Near-slab monitoring will also be used as an alternative to sub-slab monitoring where building owners object to sub-slab sampling.

2.3 Residential Properties for Soil Vapor Sampling

The following residential properties in Gunnison have been included in previous indoor air monitoring events and will be solicited for inclusion in the soil vapor sampling. The homes listed below have been determined to be above the petroleum plume from the Top Stop release. Please note that other have been included in the previous air monitoring events; however, these homes have been determined to not be above the petroleum plume and therefore will not be included in the soil vapor sampling.

- 26 West 100 South Street
- 36 West 100 South Street
- 29 West 100 South Street
- 39 West 100 South Street
- 40 West 100 South Street
- 49 West 100 South Street
- 59 West 200 South Street
- 70 West 300 South Street*
- 40 West 200 South Street*
- 60 West 200 South Street*
- 68 West 200 South Street
- 78 West 200 South Street
- 96 West 200 South Street
- 220 South 100 West Street
- 255 South 100 West Street

Properties marked with an asterisk (*), above, are believed not have slab-on-grade or concrete basement floors. RMEC anticipates conducting near-slab monitoring for these homes or any other structures where the owners will not allow sub-slab sampling, but will allow external near slab sampling.

2.4 Commercial Properties for Soil Vapor Sampling

In addition to the residential properties listed above, RMEC will conduct soil vapor monitoring at the following business along Main Street. These structures are known to have basements with concrete floors that will allow for sub-slab monitoring.

- Gunnison Valley Bank - 10 South Main Street
- Gunnison Plumbing and Heating - 20 South Main Street
- Lila Lee's Apparel - 70 South Main Street
- His and Hers, Inc. - 98 South Main Street
- Malt Shop - 30 South Main Street

Information gathered during the initial sampling effort will be used to determine the sub-slab or near slab sample points for the remainder of the commercial structures that have been impacted by the Top Stop release.

2.5 Selection of Sample Methodology and Sample Points

The selection of sample methodology (sub-slab vs. near slab) and the location of sample points for each structure will be determined on a case-by-case basis. Each building will undergo a pre-sampling inspection process. Sub-slab monitoring is the preferred approach to investigating the vapor intrusion pathway and will be performed whenever feasible and permitted by the building owner. There are several factors to consider in the selection of sample points for each building. Factors that will be considered include:

- The orientation of buildings in relationship to the plume.
- The proximity of buildings to soil vapor extraction (SVE) systems.
- Potential conflicts with drain lines, utilities, interior furnishings, foundation features, and/or other structural elements.

In general, RMEC will try to target areas that would represent a worst-case scenario. In the absence of any special circumstances, sub-slab samples will generally target centrally located points within the building footprint and near slab samples will generally be performed within 10-feet of the building foundation in the direction of the plume. Special considerations will have to be made at locations where the sub-slab or near slab sampling points may be in an area that is potentially under the influence of SVE systems. Determination regarding the sample locations will need to be made on a case-by-case basis with the approval of the building owner. Therefore, rather than establishing pre-determined sample locations for each structure, RMEC will solicit input from Wasatch, DERR, and building owners along with their representatives to determine sample locations for each structure on a case-by-case basis.

2.6 Sample Train Assembly

RMEC will use the Entech Instruments Inc. 64450QT "Micro-QT™" soil gas sample train depicted in Figure 1 (attached). Details of the equipment and other materials that will be used in the sample train assembly include the following:

- 1-liter Summa canisters
- 1/4-inch outer diameter (OD) nylon tubing
- stainless steel probes
- 200-cc/min flow rate restrictors
- 60-cc syringe (for purging and flushing of the sample lines)
- purge isolation valves and other applicable fittings

2.7 Sub-slab Soil Vapor Sampling Wells

If a portion of a structure is situated on a concrete slab on grade or has a poured concrete basement floor under at least a portion of the building footprint, sub-slab monitoring will be the preferred method of sub-surface soil vapor monitoring. Some building owners may object to this sampling since it requires access into the home or business and somewhat invasive work practices (peeling back carpeting, drilling holes in floors).

2.7.1 Sub-slab Sample Locations

A minimum of two soil vapor monitoring wells will be placed in each of the structures identified as being amenable to sub-slab monitoring. One of the sub-slab vapor monitoring wells will be placed in the center of the building's foundation. Site-specific conditions will be evaluated to determine the location of the second sub-slab vapor monitoring well. In general, a location that is indicative of a highest expected level of sub-slab soil vapors will be chosen for the second vapor well. This will generally be a location in the building footprint that is in the direction of the Top Stop plume. Air flow patterns created by the SVE system and individual building vapor remediation systems will also be considered when choosing the location for the second well. All decisions regarding placement of the wells in the affected structures will incorporate input from DERR personnel along with input from building owners and their representatives.

2.7.2 Sub-slab Sample Well Construction

Figure 2 (attached) shows the typical construction of a sub-slab soil vapor sampling well. This basic construction will be used for the proposed sub-slab monitoring in Gunnison structures. An impact hammer drill with a 1-inch diameter drill bit will be used to penetrate the slab at each sub-slab sampling point. Once the 1-inch hole through the foundation has been established, a 1-inch auger-type drill bit will be used to drill through the sub-slab soils and/or fill materials to the completed well depth and sweep all loose concrete, sub-slab soils and/or fill materials out of the

hole. Once the sub-slab sampling hole is cleared, the sample probe will be connected to the nylon tubing, nested in a bed of sand and sealed beneath a layer of bentonite with a concrete cap, as depicted in Figure 3.

2.8 Near-slab Soil Vapor Sampling Wells

Near-slab soil vapor monitoring will be performed at those properties that are deemed not to be conducive to sub-slab soil vapor monitoring (i.e.: structures without slabs on grade or concrete basement floors).

2.8.1 Near-slab Sample Locations

A minimum of two near-slab soil vapor monitoring wells will be placed within 10-feet of each of the structures selected for near-slab monitoring. Site-specific conditions will be evaluated to determine the location of the soil vapor monitoring wells. In general, a location that is indicative of a highest expected level of sub-surface soil vapors will be selected for soil vapor sampling. This will generally be a location outside the building footprint that is in the direction of the Top Stop plume. Air flow patterns created by the SVE system and individual building vapor remediation systems will also be considered when choosing the location for the wells. In some cases, a combination of interior sub-slab wells and near-slab wells may be used to evaluate the potential vapor intrusion at a structure. All decisions regarding placement of the wells around the affected structures will incorporate input from DERR personnel along with input from building owners and their representatives.

2.8.2 Near-slab Sample Well Construction

Figure 3 (attached) shows the typical construction of a near-slab soil vapor sampling well. The wells will be completed to the required depth using direct push methods with a hollow-stem auger. A GeoProbe® company with experience in installing multi-depth vapor wells (Direct Push) will assist in the installation of the near slab vapor sampling wells.

Depending on the depth to ground water at the specific sample locations, from one to three soil vapor probes with discrete sampling intervals will be installed within each soil boring well. These wells will be nested in the same borehole or installed in separate borings adjacent to one another as depicted in Figure 3. Site-specific conditions will dictate which method will be used. One well will be installed in locations where the depth to groundwater is <10 feet, two will be installed where the depth to ground water is between 10 and 20 feet and three will be installed in locations where the depth to ground water is >20 feet. Since groundwater at most locations in the release area is between 10 and 20 feet, it is anticipated that most sample locations will have two soil vapor wells. RMEC will coordinate with Wasatch to determine appropriate well depths for each site.

2.9 Sample Collection

After each sampling well is constructed, RMEC will allow a minimum of 60 minutes for soil vapors to come to equilibrium before purging and collecting a sample. The sampling train depicted in Figure 1 will be attached to the sample probe tubing. A 60-cc syringe will be attached to the purge isolation valve and three internal dead-volumes of air will be purged from the sample train system (also depicted in Figure 1). Dead volume of the 1/4" nylon tubing is 4-cc per foot. After the system has been purged, the 1-liter Summa canister will be attached and the sample collected. Flow rate into the canister will be regulated by a 200-cc/minute critical orifice choke built into the sample train.

2.10 Leak Testing

To ensure the soil probe is not short-circuiting and drawing air from the surface rather than the sub-surface, a leak/tracer compound will be placed around the base of the probe where it enters the ground and in other locations where leakage of ambient air into the system may occur. Towelettes soaked with isopropyl alcohol (IPA) will be placed on top of the vapor well and any other points where short-circuiting can occur. The IPA will serve as the tracer compound to indicate if short-circuiting is occurring. If a significant amount of IPA ($> 100 \mu\text{g}/\text{m}^3$) appears in the sub-surface soil vapor sample, the system likely leaked and the sample results will be rejected.

2.11 Sample Analysis

The Summa canisters will be analyzed by EPA Method T015 by a laboratory that is accredited to perform this sample analysis under the National Environmental Laboratory Accreditation Program (NELAP). RMEC will select a laboratory based on its ability to provide the needed number of Summa canisters in a timely fashion and on the laboratory's ability to achieve a benzene limit of detection as close as possible to the 0.31 microgram per cubic meter ($\mu\text{g}/\text{m}^3$) indoor benzene risk-based screening level.

2.12 Sample Handling, Identification and Custody

Sample chain-of-custody procedures will be followed to account for each sample during collection, storage, handling and shipping activities. Every sample collected at the site will be labeled with the following information:

- Project name or number.
- Unique sample identification number that includes the physical address of the structure.
- Sample date and time.
- Sampler's initials.
- Pertinent remarks as needed.

The individual physically responsible for sample collection will complete a chain-of-custody record in the field. The sampler is personally responsible for the care and custody of samples until shipped to H&P. When transferring sample possession, the persons relinquishing and receiving the sample(s) will sign, date and write the time of day on the chain-of-custody record. This record may also serve as a laboratory request form, specifying the analyses requested for each set of samples.

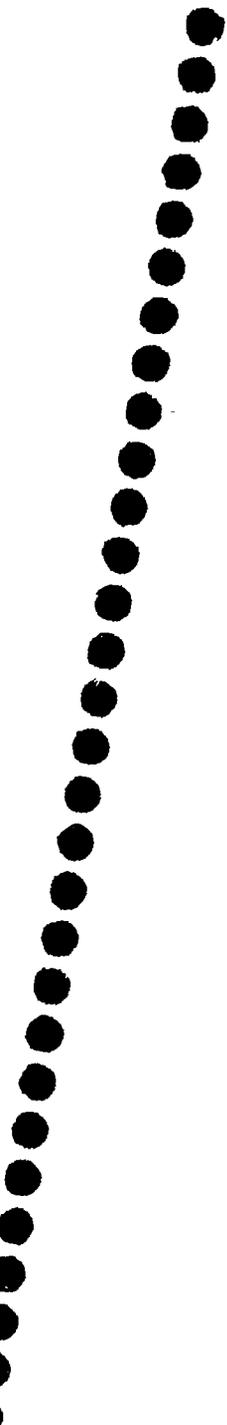
3.0 REFERENCES

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Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air. Department of Toxic Substances Control, California Environmental Protection Agency. Interim Final, Revised February 7, 2005.

Petroleum Hydrocarbon Vapor Intrusion Guidance Document. Colorado Department of Labor and Employment, Division of Oil and Public Safety. December 11, 2007.

Vapor Monitoring Wells/Implants Standard Operating Procedures for Vapor Intrusion Applications. H&P Mobile Geochemistry. Revised October, 2004 .



**Table 1 –
Summary of Residential Indoor Air Testing**

TABLE 1 - RESIDENTIAL INDOOR AIR TESTING
(SUMMA CANISTER SAMPLING RESULTS BY WASATCH ENVIRONMENTAL, INC.)

Updated 1/14/09

Residence	Sample Location	Collection Date	Analytical (ug/m ³)			
			Benzene	Toluene	Ethylbenzene	Total Xylenes
20 East Center Street	Residence (East of Plume)	11/7/07	3.2	23	4.2	24.4
12 East Center Street	Kitchen (East of Plume)	11/9/07	2.2	5.5	<0.65	3.49
12 East Center Street	Unoccupied Basement (East of Plume)	11/9/07	1.4	4.5	<0.65	2.94
43 West Center		12/5/07	1.4	7.4	<0.65	2.6
89 West Center	Small Furnace Room	11/19/07	130	450	42	274
89 West Center	Downstairs Kitchen Counter	12/3/07	17	63	6.3	39
89 West Center	Upstairs Kitchen Table	12/3/07	20	73	7.8	55
89 West Center		4/25/08	12	40	3.5	23.1
26 West 100 South	Rental	11/16/07	25	60	4.1	27.5
26 West 100 South	Rental - Bedroom Storage Room	12/3/07	17	20	0.95	6.5
26 West 100 South	Rental Home	1/7/08	1.2	2.4	0.95	4.29
26 West 100 South	Rental Home	4/2/08	1.7	3.1	<1.3	2.9
26 West 100 South	Rental - Kitchen Floor	7/10/08	<1.0	1.4	<1.3	<3.4
26 West 100 South	Rental - Kitchen Floor	8/7/08	1.1	3.2	<1.3	<3.4
26 West 100 South	Rental - Kitchen Floor	9/4/08	1.7	4.7	<1.3	<3.4
29 West 100 South	Unoccupied Basement	10/26/07	20	11	0.84	4.9
29 West 100 South		2/7/08	13	27	3.4	28.1
29 West 100 South		3/17/08	6.9	13	<1.3	22
29 West 100 South	Living Room - Table next to Fireplace	6/26/08	<1.0	3.2	<1.3	4.3
29 West 100 South	Living Room - Table next to Fireplace	8/7/08	<1.0	4.4	<1.3	<3.4
29 West 100 South	Living Room - Table next to Fireplace	9/4/08	<1.0	2.7	<1.3	<3.4
36 West 100 South	Rental - Unoccupied Basement	11/16/07	8.8	13	1.5	15.7
36 West 100 South	Rental - Unoccupied Basement	2/7/08	1.5	2.7	<0.65	2.44
36 West 100 South	Rental - Unoccupied Basement	4/2/08	2.7	2.1	<1.3	<3.4
36 West 100 South	Rental - Living Room Floor	7/15/08	1	6.5	<1.3	2.7
36 West 100 South	Rental - Living Room Floor	8/7/08	1.9	6.8	<1.3	2.6
36 West 100 South	Rental - Living Room Floor	9/4/08	1.2	6.5	<1.3	<3.4
39 West 100 South		12/5/07	27	23	0.8	17.9
39 West 100 South		1/23/08	1.2	3.3	1.8	9
39 West 100 South	Kitchen Counter	7/9/08	2	4	<1.3	4.4
39 West 100 South	Kitchen Counter	8/11/08	<1.0	4.9	<1.3	5.6
39 West 100 South	Kitchen Counter	9/4/08	1.3	3.9	<1.3	2.6
40 West 100 South	Crawl Space	11/14/07	0.86	3.4	<0.65	1.5
40 West 100 South	Kitchen	7/9/08	2.8	6.7	<1.3	5.6
40 West 100 South	Kitchen	8/7/08	<1.0	3	<1.3	<3.4
40 West 100 South	Kitchen	9/4/08	1.4	3.8	<1.3	<3.4
49 West 100 South		1/7/08	1.1	3.5	<0.65	<1.4
49 West 100 South	Living Room by Fireplace	7/9/08	<1.0	2.3	<1.3	<3.4
49 West 100 South	Living Room by Fireplace	8/7/08	<1.0	4.3	2.1	4.9
49 West 100 South	Living Room by Fireplace	9/4/08	1.7	4.4	1.7	7.2
50 West 100 South	Bedroom	11/14/07	1.4	7.2	<0.65	4
50 West 100 South		1/7/08	0.96	4.8	<0.65	<1.4
40 West 200 South	Living Room Floor	7/9/08	<1.0	36	2.3	3.6
40 West 200 South	Living Room Floor	8/7/08	<1.0	93	<1.3	<3.4
40 West 200 South	Living Room Floor	9/4/08	1.6	75	1.4	5.1
59 West 200 South		11/14/07	1.8	4	1.1	6
59 West 200 South		1/23/08	1	5.9	0.69	3.41
59 West 200 South	Living room/basement ¹	7/9/08	<1.0	7.9	<1.3	<3.4
59 West 200 South	Basement	8/14/08	13	56	4.9	35.9
59 West 200 South	Basement	9/4/08	12	50	5.4	38.6

Residence	Sample Location	Collection Date	Analytical (ug/m ³)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
60 West 200 South	Crawl Space	11/14/07	34	47	5.3	16.1
60 West 200 South		12/12/07	0.67	3.1	26	90
60 West 200 South		3/5/08	<1.0	4.3	1.5	6.1
60 West 200 South		4/25/08	<1.0	2.7	<1.3	<3.4
60 West 200 South	Kitchen Counter	6/26/08	<1.0	6.8	<1.3	<3.4
60 West 200 South	Kitchen Counter	8/7/08	3.5	19	2.4	12.5
60 West 200 South	Kitchen Counter	9/4/08	1.7	12	2	7.4
60 West 200 South	Kitchen Counter	11/19/08	47	140	9.8	62
60 West 200 South	Kitchen Counter	12/1/08	14	51	9.8	62
68 (70) West 200 South	Occupied Basement	11/9/07	4.1	20	1.4	7.1
68 (70) West 200 South	Crawl Space	12/14/07	0.72	7.1	7	24.8
68 (70) West 200 South	Occupied Basement	6/26/08	1.3	9.8	1.5	3.9
68 (70) West 200 South	Occupied Basement	8/7/08	<1.0	7.4	<1.3	<3.4
68 (70) West 200 South	Occupied Basement	9/4/08	1.6	15	2.2	14
78 West 200 South	Basement Floor - North Wall	7/9/08	3.9	23	<1.3	7.6
78 West 200 South	Basement Floor - North Wall	8/7/08	3.4	41	<1.3	6.4
78 West 200 South	Basement Floor - North Wall	9/4/08	1.5	6.8	<1.3	3.1
96 West 200 South	Basement	11/16/07	2.8	6	<0.65	2.13
96 West 200 South	Bedroom	11/16/07	2.1	8.5	<0.65	3.66
96 West 200 South		12/14/07	8.1	42	3.7	25.5
96 West 200 South		1/23/08	1.1	3.7	<0.65	1.1
96 West 200 South		3/17/08	<1.0	<1.1	<1.3	<3.4
96 West 200 South	Bedroom Floor	6/26/08	<1.0	2.3	<1.3	<3.4
96 West 200 South	Bedroom Floor	8/11/08	5.8	19	2.2	20.3
96 West 200 South	Bedroom Floor	9/5/08	1.5	3.7	<1.3	2.7
44 South 100 West	Kitchen Floor	8/7/08	81	330	27	226
220 South 100 West	Basement	11/9/07	3	12	1.3	7.8
220 South 100 West		1/7/08	1.5	7.9	<0.65	1.2
220 South 100 West	Kitchen Floor	7/9/08	2.3	14	<1.3	5.5
220 South 100 West	Kitchen Floor	8/7/08	1	8.1	<1.3	<3.4
220 South 100 West	Kitchen Floor	9/4/08	78	330	31	197
220 South 100 West	Kitchen Floor	9/22/08	7.4	12	<1.3	5.3
220 South 100 West	Crawl Space South	9/25/08	1.5	6.3	<1.3	<3.4
220 South 100 West	Crawl Space East	9/25/08	2.3	10	<1.3	3.2
220 South 100 West	Upper Story - Childs Bdrm	9/25/08	2	13	<1.3	3
220 South 100 West	Kitchen Floor	10/21/08	<1.0	5.4	<1.3	3.2
220 South 100 West	Basement Office	10/21/08	<1.0	3.9	<1.3	<1.1
255 South 100 West	Occupied Basement	11/7/07	33	110	10	55
255 South 100 West	Occupied Basement	12/3/07	16	67	7.2	42
255 South 100 West	Occupied Basement	12/14/07	0.9	1.9	<0.65	1.6
255 South 100 West	Occupied Basement	1/3/08	17	80	11	110
255 South 100 West	Occupied Basement	1/23/08	19	61	6.9	56
255 South 100 West	Occupied Basement	2/7/08	7.3	41	4.7	33.9
255 South 100 West	Occupied Basement	3/25/08	12	48	5.3	9.9
255 South 100 West	Occupied Basement	4/25/08	11	55	5.7	45
255 South 100 West	Occupied Basement	9/4/08	5.3	28	2.6	12.3
255 South 100 West	Occupied Basement	12/1/08	24	80	7.6	47
70 West 300 South	Crawl Space	11/12/07	0.77	2.2	0.86	4.55
70 West 300 South	Crawl Space	2/7/08	0.83	1.4	<0.65	<1.4
70 West 300 South	Crawl Space	6/26/08	<1.0	1.2	<1.3	<3.4
70 West 300 South	Crawl Space	8/7/08	<1.0	<1.1	<1.3	<3.4
70 West 300 South	Crawl Space	9/5/08	1.1	2	<1.3	<3.4
Unknown	Lapierre	12/5/07	2.7	9.8	1.3	5.7

Table 2 –

Summary of Commercial Indoor Air Testing

**TABLE 2 - BUSINESS
SUMMA CANISTER RESULTS
Updated 10/08/08**

Sample Location	Address	Collection Date	Analytical (ug/m ³)			
			Benzene	Toluene	Ethylbenzene	Total Xylenes
Casino Star Theater -	78 South Main	10/26/07	110	19	9	60
Casino Star Theater - Basement	78 South Main	11/19/07	4200	8300	1400	7000
Casino Star Theatre -	78 South Main	3/2/08	2000	7200	960	5600
Casino Star - Basement (Grab)	78 South Main	9/25/08	6	33	9.1	116
Casino Star - Basement (8-hour sample period)	78 South Main	9/25/08	1	5.9	1.8	27
Dorius Law Offices	47 South Main	9/6/07	2	5.4	<0.65	2.94
Dorius Law Offices - In office	47 South Main	7/15/08	<1.0	4.1	<1.3	<3.4
Dorius Law Offices - In office	47 South Main	8/11/08	<1.0	3.2	<1.3	<3.4
Dorius Law Offices - In office	47 South Main	9/17/08	<1.0	8.1	<1.3	<3.4
Fitness Center - On floor by north wall	62 South Main	9/18/07	4.1	13	1.8	11.2
Fitness Center - On floor by north wall	62 South Main	7/15/08	<1.0	2.3	<1.3	<3.4
Fitness Center - On floor by north wall	62 South Main	8/11/08	1.4	2.6	<1.3	8.7
Fitness Center - On floor by north wall	62 South Main	9/17/08	<1.0	1.6	<1.3	3.7
Gunnison Barber Shop - On floor in SE corner	76 South Main	7/15/08	61	460	54	550
Gunnison Barber Shop - On floor in SE corner	76 South Main	7/30/08	2.2	56	18	198
Gunnison Barber Shop - On floor in SE corner	76 South Main	8/11/08	1.5	11	3.6	38
Gunnison Barber Shop - On floor in SE corner	76 South Main	9/17/08	13	82	19	232
Gunnison Plumbing	20 South Main	9/18/07	1.4	6.1	<0.65	0.93
Gunnison Plumbing - Basement	20 South Main	7/15/08	<1.0	53	3.2	18.9
Gunnison Plumbing - Basement	20 South Main	8/11/08	1.3	37	1.9	11.1
Gunnison Plumbing - Basement	20 South Main	9/17/08	<1.0	19	<1.3	4.7
Gunnison Telephone - On floor in office	29 South Main	9/6/07	1.8	4.8	0.73	3.46
Gunnison Telephone - On floor in office	29 South Main	7/15/08	<1.0	1.9	<1.3	<3.4
Gunnison Telephone - On floor in office	29 South Main	8/11/08	<1.0	2.5	<1.3	<3.4
Gunnison Telephone - On floor in office	29 South Main	9/17/08	<1.0	<1.1	<1.3	<3.4
Gunnison Valley Bank - Rear Storage	10 South Main	10/23/07	5.6	9.9	0.69	10.4
Gunnison Valley Bank - Unoccupied Basement	10 South Main	10/26/07	8.8	11	0.84	14.1
Gunnison Valley Bank - Unoccupied Basement	10 South Main	1/7/08	1.9	4.5	<0.65	2.75
Gunnison Valley Bank - Upper Level	10 South Main	7/15/08	<1.0	4.1	<1.3	<3.4
Gunnison Valley Bank - Upper Level	10 South Main	8/11/08	1.1	5.3	<1.3	2.9
Gunnison Valley Bank - Upper Level	10 South Main	9/17/08	<1.0	4.5	<1.3	2.4
Head Start	189 South Main	1/2/08	1.4	2.2	0.65	1.1
His N Hers - On table in center of store	98 South Main	9/6/07	1	2.8	<0.65	1.2
His N Hers - On table in center of store	98 South Main	11/19/07	53	180	22	160
His N Hers - On table in center of store	98 South Main	2/7/08	13	46	4.1	35.3
His N Hers - On table in center of store	98 South Main	4/16/08	2.3	97	14	77
His N Hers - On table in center of store	98 South Main	7/15/08	1	5.6	<1.3	8.9
His N Hers - On table in center of store	98 South Main	8/11/08	1.1	5.5	<1.3	5.1
His N Hers - On table in center of store	98 South Main	9/17/08	<1.0	4.7	<1.3	6.7
Home Town Café - Basement	50 South Main	9/18/07	8.1	36	1.4	7
Home Town Apartment	50 South Main	11/20/07	1.2	3.7	ND	0.67
Home Town Apartment - Basement	50 South Main	11/20/07	1.2	3.7	<0.65	2.54
Jensen Drug	77 South Main	12/3/07	1.3	4.5	<0.65	2.99
Jensen Drug - On floor in front of counter	77 South Main	7/15/08	4.1	6.7	2.3	5.9
Jensen Drug - On floor in front of counter	77 South Main	8/11/08	4.9	15	3.1	7.9

**TABLE 2 - BUSINESS
SUMMA CANISTER RESULTS
Updated 10/08/08**

Sample Location	Address	Collection Date	Analytical (ug/m ³)			
			Benzene	Toluene	Ethyl-benzene	Total Xylenes
Jensen Drug - On floor in front of counter	77 South Main	9/17/08	12	22	5.6	10.1
Lila Lee's - Basement	70 South Main	9/7/07	27	50	3.9	14.8
Lila Lee's - Basement	70 South Main	12/5/07	1.6	5.7	<0.65	3.36
Lila Lee's - Basement	70 South Main	3/25/08	2.1	12	1.7	8.1
Lila Lee's - Fitting room in basement	70 South Main	7/15/08	1.8	15	2.7	21.1
Lila Lee's - Fitting room in basement	70 South Main	8/11/08	1.8	16	2	16.9
Lila Lee's - Fitting room in basement	70 South Main	9/17/08	1.2	8.8	1.4	8.1
Lotsa Motsa - On floor in kitchen	54 South Main	9/6/07	9.2	10	0.72	4.6
Lotsa Motsa - On floor in kitchen	54 South Main	4/16/08	3.5	5.7	<1.3	<3.4
Lotsa Motsa - On floor in kitchen	54 South Main	7/15/08	1	1.4	<1.3	<3.4
Lotsa Motsa - On floor in kitchen	54 South Main	8/11/08	<1.0	1.9	<1.3	<3.4
Lotsa Motsa - On floor in kitchen	54 South Main	9/17/08	<1.0	1.6	<1.3	<3.4
Malt Shop (Home Town Café)	30 (?) South Main	9/18/07	11	140	1.2	5.8
Nails N Hair -On table in shop	65 South Main	7/15/08	<1.0	72	<1.3	6
Nails N Hair -On table in shop	65 South Main	8/11/08	1.5	56	1.3	4.2
Nails N Hair -On table in shop	65 South Main	9/17/08	<1.0	40	<1.3	<3.4
State Farm Insurance	28 South Main	9/18/07	1.5	6	0.83	4.7
State Farm Insurance - On desk in office	28 South Main	7/15/08	1.6	5.3	<1.3	5.8
State Farm Insurance - On desk in office	28 South Main	8/11/08	1.7	5.9	<1.3	2.6
State Farm Insurance - On desk in office	28 South Main	9/17/08	1.1	5.4	<1.3	<3.4
White Hills Trading Co.	74 South Main	9/6/07	1.3	4.1	<0.65	2.26
White Hills Trading Co.	74 South Main	11/20/07	0.41	1.1	<0.65	<1.4
White Hills Trading Co. - On Floor in Store	74 South Main	7/15/08	45	340	40	374
White Hills Trading Co. - On Floor in Store	74 South Main	7/31/08	<1.0	4.8	<1.3	5.5
White Hills Trading Co. - On Floor in Store	74 South Main	8/11/08	<1.0	4.4	<1.3	<3.4
White Hills Trading Co. - On Floor in Store	74 South Main	9/17/08	1.2	4.8	2.9	10.4
			Benzene	Toluene	Ethyl-benzene	Total Xylenes

1 Canister Disturbed and Relocated During Sample Collection Period

2 Total Xylenes = m,p-xylene + o-xylene

**Figure 1 –
Sample Train Assembly**

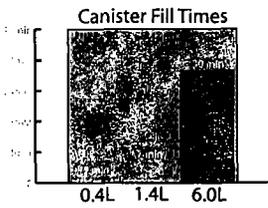
Soil Gas Sampling

Entech's new 64450QT raises the bar for excellence in soil gas sampling. This sample train technology features everything required to effectively and reliably collect soil gas samples.

Features

- ➊ Large Silonite coated filter with generous surface area that resists clogs during sampling.
- ➋ Critical orifice gives optimal 200 cc/min flow control as required by sampling guidelines.
- ➌ A compact, Silonite coated flow path to minimize surface interaction.
- ➍ Integrated Micro Valve allows shipping under vacuum to ensure contamination-free field operation (as shown below).
- ➎ Thoughtful design and uncompromised reliability ensures better data with greater confidence built-in.
- ➏ Simple Step-by-Step procedure provides the most convenient, and reliable way to collect soil vapor into evacuated canisters for analysis by EPA method TO-15.

Soil vapor analysis of volatile organic compounds has proven to be an extremely effective approach in the evaluation of soil and groundwater contamination. As a result, regulatory agencies often require this technique to be employed in performing site investigations.



Soil Gas Sample Train: Micro-QT™ (Assembly 39-64450QT)

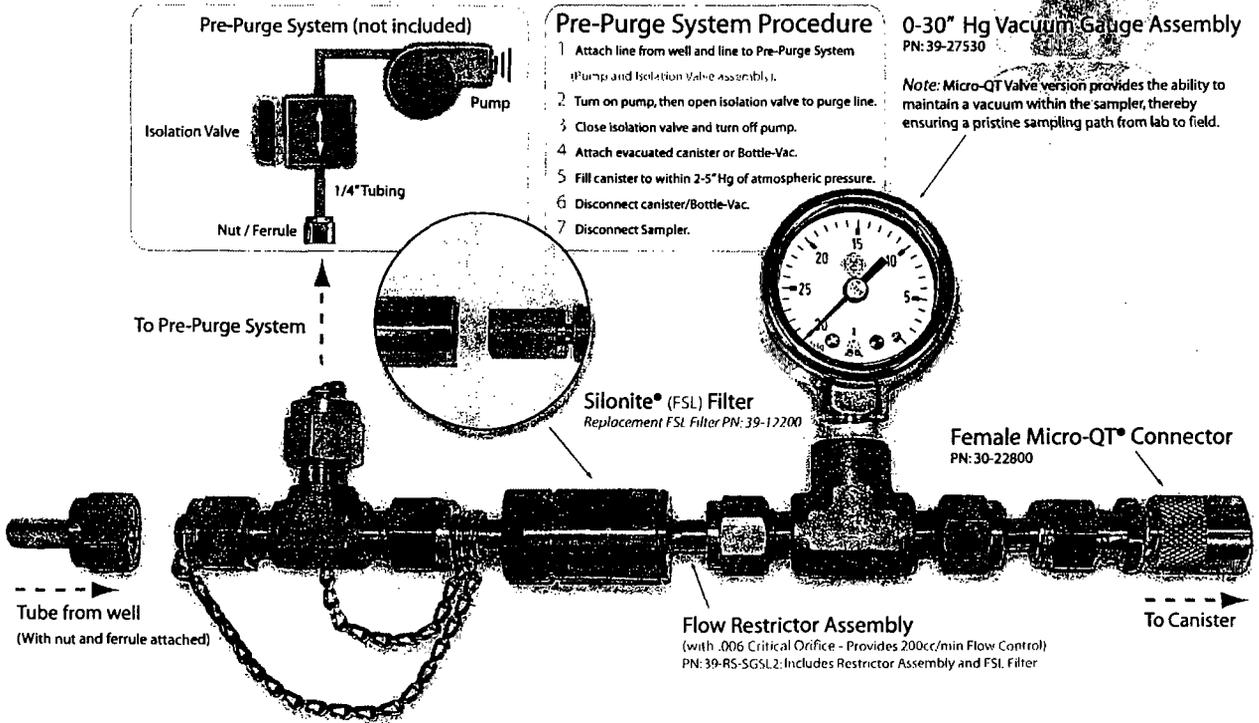


Figure 2 –

Typical Sub-slab Vapor Well Construction

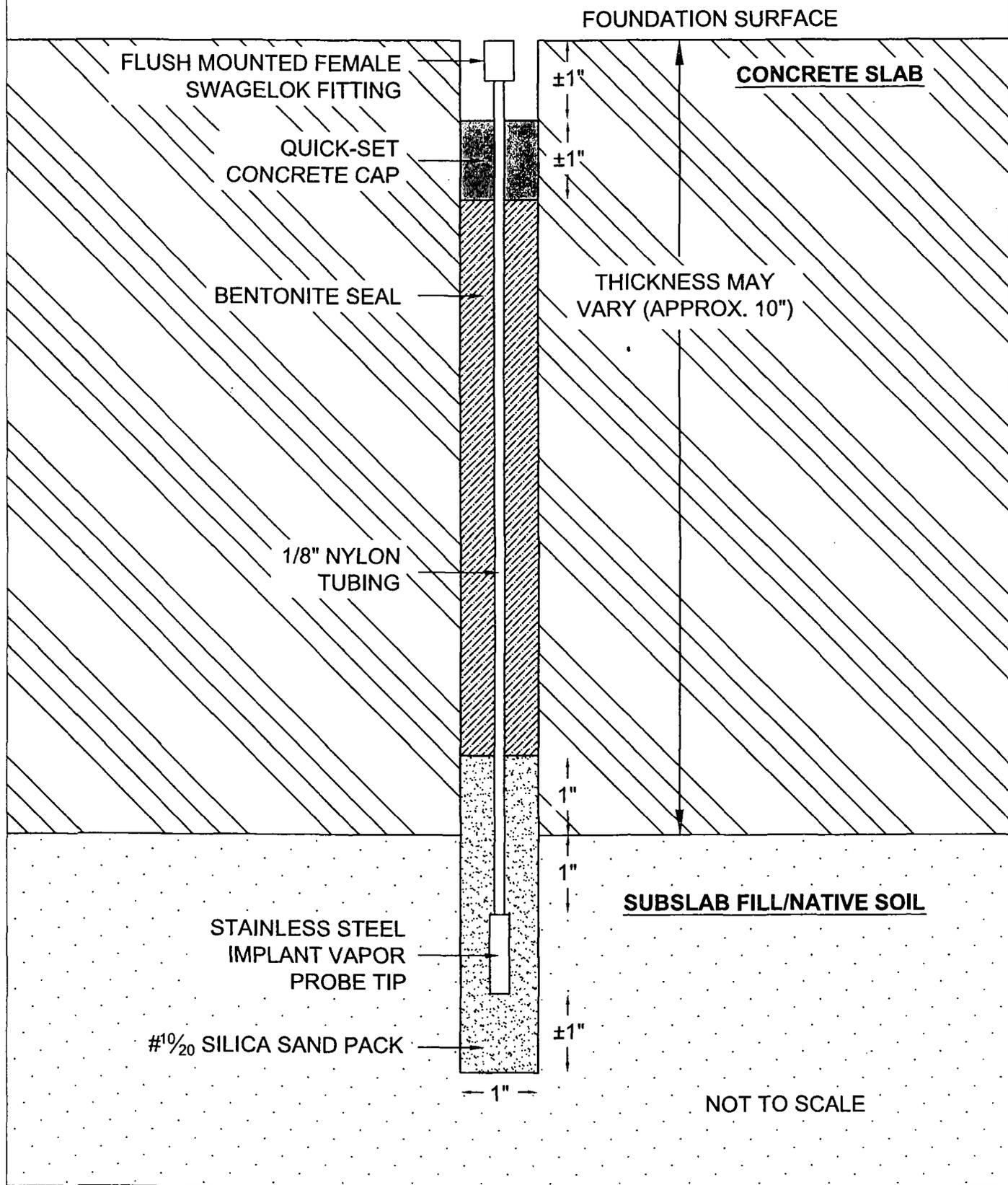


FIGURE 2: TYPICAL SUBSLAB VAPOR-WELL CONSTRUCTION

PREPARED FOR STATE OF UTAH DIVISION OF ENVIRONMENTAL RESPONSE AND REMEDIATION

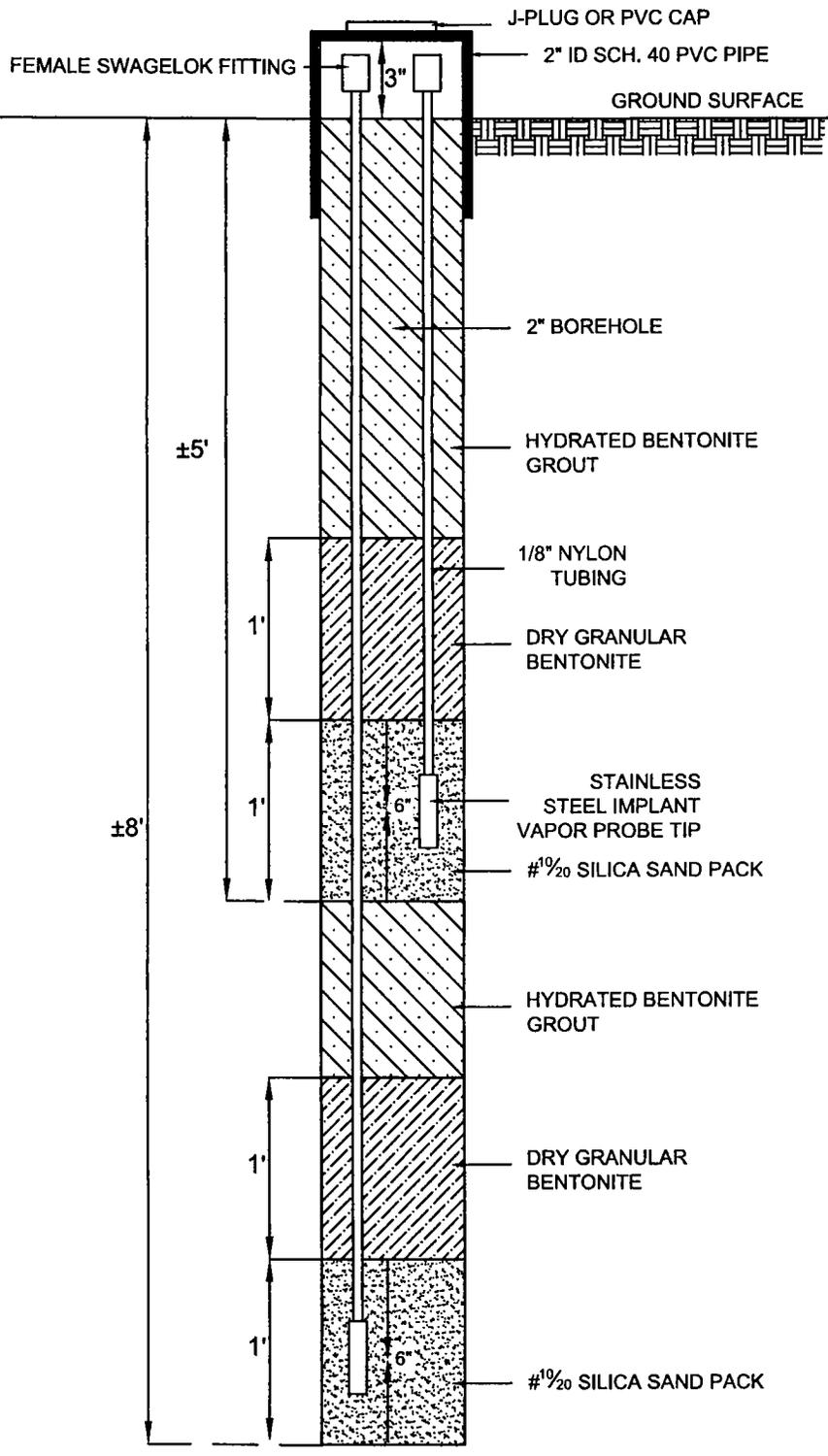
TOP-STOP PETROLEUM RELEASE SITE - GUNNISON, UTAH

FEBRUARY 2009



Figure 3 –

Typical Near-slab Vapor Well Construction



NOT TO SCALE



FIGURE 3: TYPICAL NEAR-SLAB VAPOR-WELL CONSTRUCTION
 PREPARED FOR STATE OF UTAH DIVISION OF ENVIRONMENTAL RESPONSE AND REMEDIATION
 TOP-STOP PETROLEUM RELEASE SITE - GUNNISON, UTAH
 FEBRUARY 2009

RMEC ENVIRONMENTAL, INC.



Appendix B –

**Indoor Air and Soil Vapor Sampling
Summary Tables**

Name/Address	170 South Main	East Main Street (70 South)	West Main Street (65 South)	West Main Street (56 North)	44 West Center	Lila Lee's 54 East Center
Collection Date	12/14/2007	9/6/2007	9/6/2007	12/3/2007	12/14/2007	12/12/2007
Sample Type	Ambient Air	Ambient Air	Ambient Air	Ambient Air	Ambient Air	Ambient Air
Notes/Location	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Units	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Volatile Organics						
1,2-Dichlorotetrafluoroethane	-	-	-	-	-	-
Dichlorodifluoromethane	3.6	2.6	2.7	-	3.6	2.9
Chloromethane	ND	1.5	1.4	-	0.9	1
Freon 114	ND	ND	ND	-	ND	ND
Vinyl Chloride	ND	ND	ND	-	ND	ND
1,3-Butadiene	ND	ND	ND	-	ND	ND
Bromomethane	ND	ND	ND	-	ND	ND
Chloroethane	ND	ND	ND	-	ND	ND
Freon 11	1.5	1.3	1.4	-	1.4	1.4
cis-1,2-Dichloroethene	ND	ND	ND	-	ND	ND
Carbon disulfide	ND	ND	ND	-	0.45	ND
Freon 113	ND	ND	ND	-	ND	0.77
Acetone	2.2	8	10	-	3.8	5.5
Methylene Chloride	ND	0.83	0.81	-	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	-	ND	ND
1,1-Dichloroethene	ND	ND	ND	-	ND	ND
MTBE	ND	ND	ND	-	ND	ND
Vinyl Acetate	ND	ND	ND	-	ND	ND
1,1-Dichloroethane	ND	ND	ND	-	ND	ND
2-Butanone (MEK)	ND	ND	6.9	-	ND	ND
Ethyl Acetate	ND	ND	ND	-	ND	ND
n-Hexane	ND	3.5	3.6	1.1	ND	0.55
Chloroform	ND	ND	2.3	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ND	ND	ND	ND	ND	ND
Benzene	0.42	2.1	2.6	1.4	0.35	0.9
Tetrahydrofuran	ND	ND	32	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND
Cyclohexane	ND	ND	ND	ND	ND	ND
Trichloroethylene/Trichloroethene	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND
Heptane	ND	0.85	0.84	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	ND	ND
Toluene	0.6	4.3	5.1	3.3	ND	1.8
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND
Tetrachloroethylene/Tetrachloroethene	ND	ND	ND	ND	ND	ND
2-Hexanone	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND
m&p-Xylene	ND	1.9	2.5	1.9	ND	1.2
o-Xylene	ND	0.63	0.66	0.56	ND	ND
Styrene	ND	ND	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND
Benzyl Chloride	ND	ND	ND	ND	ND	ND
4-Ethyltoluene	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ND	0.58	0.6	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND
Hexachloro-1,3-butadiene	ND	ND	ND	ND	ND	ND
TPH (GC/MS) Low Fraction	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-
tert-butyl alcohol	-	-	-	-	-	-
2-Chlorotoluene	-	-	-	-	-	-
1,4-Dioxane	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-
Trichlorofluoromethane	-	-	-	-	-	-
1,1,2-Trichlorofluoroethane	-	-	-	-	-	-
Isopropylbenzene	-	-	-	-	-	-
Methyl Butyl Ketone	-	-	-	-	-	-
Methyl methacrylate	-	-	-	-	-	-
Napthalene	-	-	-	-	-	-
2-Propanol	-	-	-	-	-	-
Propene	-	-	-	-	-	-
2,2,4-Trimethylpentane	-	-	-	-	-	-
Vinyl Bromide	-	-	-	-	-	-

Name/Address	78 West 200 South	78 West 200 South	78 West 200 South	78 West 200 South	78 West 200 South	78 West 200 South
Collection Date	7/9/2008	8/7/2008	9/4/2008	3/23/2009	4/16/2009	5/5/2009
Sample Type	Indoor	Indoor	Indoor	Indoor	Indoor	Sub-slab
Notes	Basement Floor - North Wall	Basement Floor - North Wall	Basement Floor - North Wall	Basement - North wall	Basement North wall	Along north wall of basement apartment
Units	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Volatile Organics						
1,2-Dichlorotetrafluoroethane	-	-	-	-	-	< 2.8
Dichlorodifluoromethane	2.4	2.5	2.9	2.7	2.3	2.4
Chloromethane	ND	ND	1.7	1.9	1.6	< 0.83
Freon 114	ND	ND	ND	< 0.71	< 0.71	-
Vinyl Chloride	ND	ND	ND	< 0.24	< 0.24	< 1.0
1,3-Butadiene	ND	ND	ND	< 0.43	< 0.43	< 8.9
Bromomethane	ND	ND	ND	< 0.47	< 0.47	< 1.6
Chloroethane	ND	ND	ND	< 0.36	< 0.36	< 1.1
Freon 11	ND	ND	ND	1.3	1.1	-
cis-1,2-Dichloroethene	ND	ND	ND	< 0.73	< 0.73	< 1.6
Carbon disulfide	ND	ND	14	0.62	< 0.51	< 1.2
Freon 113	ND	ND	ND	< 0.55	< 0.55	-
Acetone	58	110	12	5	19	52
Methylene Chloride	ND	ND	1.2	0.5	< 0.49	< 1.4
trans-1,2-Dichloroethene	ND	ND	ND	< 0.79	< 0.79	< 1.6
1,1-Dichloroethene	ND	ND	ND	< 1.3	< 1.3	< 1.6
MTBE	ND	ND	ND	< 0.58	< 0.58	< 1.4
Vinyl Acetate	ND	ND	ND	< 0.51	< 0.51	< 1.4
1,1-Dichloroethane	ND	ND	ND	< 0.44	< 0.44	< 1.6
2-Butanone (MEK)	25	49	6.4	11	3.1	8
Ethyl Acetate	2.4	8.1	1.8	< 1.1	< 1.1	-
n-Hexane	4.9	4.5	2.2	17	1.1	< 4.4
Chloroform	ND	ND	ND	< 0.50	< 0.50	< 1.9
1,1,1-Trichloroethane	ND	ND	ND	< 0.41	< 0.41	2.4
Carbon tetrachloride	ND	ND	ND	< 0.46	< 0.46	< 2.5
Benzene	3.9	3.4	1.5	12	1	1.6
Tetrahydrofuran	1.6	4.8	ND	< 0.33	< 0.33	1.8
1,2-Dichloroethane	ND	ND	ND	< 0.54	< 0.54	< 1.6
Cyclohexane	1.8	1.3	ND	< 0.58	< 0.58	< 1.4
Trichloroethylene/Trichloroethene	ND	ND	ND	< 0.32	< 0.32	< 2.1
1,2-Dichloropropane	ND	ND	ND	< 0.45	< 0.45	< 1.8
Bromodichloromethane	ND	ND	ND	< 0.35	< 0.35	< 2.7
Heptane	3.6	6	1.4	5.1	2.6	< 1.6
cis-1,3-Dichloropropene	ND	ND	ND	< 0.36	< 0.36	< 1.8
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	< 0.17	< 0.17	< 10
Toluene	23	41	6.8	39	6.6	2.6
trans-1,3-Dichloropropene	ND	ND	ND	< 0.43	< 0.43	< 1.8
1,1,2-Trichloroethane	ND	ND	ND	< 0.47	< 0.47	< 2.2
Tetrachloroethylene/Tetrachloroethene	ND	ND	ND	< 0.62	< 0.62	< 2.7
2-Hexanone	ND	ND	ND	< 0.28	< 0.28	-
Dibromochloromethane	ND	ND	ND	< 0.52	< 0.52	< 3.4
1,2-Dibromoethane	ND	ND	ND	< 0.50	< 0.50	< 3.1
Chlorobenzene	ND	ND	ND	< 0.18	< 0.18	< 1.8
Ethylbenzene	ND	ND	ND	2.2	< 0.38	< 1.7
m&p-Xylene	5.6	4.9	3.1	14	3.1	< 3.5
o-Xylene	2	1.5	ND	3.4	0.87	< 1.7
Styrene	2.2	5.4	ND	0.57	1.1	< 1.7
Bromoform	ND	ND	ND	< 0.66	< 0.66	< 12
1,1,2,2-Tetrachloroethane	ND	ND	ND	< 0.43	< 0.43	< 2.7
Benzyl Chloride	ND	ND	ND	< 0.22	< 0.22	< 2.1
4-Ethyltoluene	ND	ND	ND	0.7	< 0.29	< 2.0
1,3,5-Trimethylbenzene	ND	ND	ND	0.74	< 0.26	< 2.0
1,2,4-Trimethylbenzene	1.8	1.5	ND	2.7	1.3	< 2.0
1,3-Dichlorobenzene	ND	ND	ND	< 0.36	< 0.36	< 2.4
1,4-Dichlorobenzene	ND	ND	ND	< 0.55	< 0.55	< 2.4
1,2-Dichlorobenzene	ND	ND	ND	< 0.66	< 0.66	< 2.4
1,2,4-Trichlorobenzene	ND	ND	ND	< 1.1	< 1.1	< 9.3
Hexachloro-1,3-butadiene	ND	ND	ND	< 0.84	< 0.84	< 13
TPH (GC/MS) Low Fraction	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	< 1.3
tert-butyl alcohol	-	-	-	-	-	3.3
2-Chlorotoluene	-	-	-	-	-	< 2.1
1,4,-Dioxane	-	-	-	-	-	< 1.4
Ethanol	-	-	-	-	-	57
Trichlorofluoromethane	-	-	-	-	-	< 2.2
1,1,2-Trichlorofluoroethane	-	-	-	-	-	< 3.1
Isopropylbenzene	-	-	-	-	-	< 2.0
Methyl Butyl Ketone	-	-	-	-	-	< 10
Methyl methacrylate	-	-	-	-	-	< 1.6
Napthalene	-	-	-	-	-	< 2.1
2-Propanol	-	-	-	-	-	64
Propene	-	-	-	-	-	< 1.4
2,2,4-Trimethylpentane	-	-	-	-	-	< 1.9
Vinyl Bromide	-	-	-	-	-	< 1.7

Name/Address	Lotsa Motsa 54 South Main	Lotsa Motsa 54 South Main	Lotsa Motsa 54 South Main	Lotsa Motsa 54 South Main	Lotsa Motsa 54 South Main						
Collection Date	9/6/2007	4/16/2008	7/15/2008	8/11/2008	9/17/2008	3/26/2009	4/16/2009	6/9/2009			
Sample Type	Indoor	Indoor									
Notes	On Floor in Kitchen	Behind front counter	Near front counter along North wall	Near Counter							
Units	ug/m3	ug/m3									
Volatile Organics											
1,2-Dichlorotetrafluoroethane	-	-	-	-	-	-	-	-	<2.8	<2.8	
Dichlorodifluoromethane	ND	2.6	3	5.6	2.5	<0.49	2.4	2.2	<2.0	2	
Chloromethane	2.2	1.5	1.1	1.6	1.3	<0.29	1.3	0.99	<0.83	<0.83	
Freon 114	ND	ND	ND	ND	ND	<0.71	<0.71	<0.71	-	-	
Vinyl Chloride	ND	ND	ND	ND	ND	<0.24	<0.24	<0.24	<1.0	<1.0	
1,3-Butadiene	ND	ND	ND	ND	ND	<0.43	<0.43	<0.43	<8.9	<8.9	
Bromomethane	ND	ND	ND	ND	ND	<0.47	<0.47	<0.47	<1.6	<1.6	
Chloroethane	ND	ND	ND	ND	ND	<0.36	<0.36	<0.36	<1.1	<1.1	
Freon 11	2.3	ND	2.3	ND	ND	2.6	1.9	1.3	-	-	
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	<0.73	<0.73	<0.73	<1.6	<1.6	
Carbon disulfide	0.37	ND	ND	ND	ND	<0.51	<0.51	<0.51	<1.2	<1.2	
Freon 113	ND	ND	ND	ND	ND	1.2	<0.55	<0.55	-	-	
Acetone	ND	28	20	17	2	<0.73	<0.73	13	59	19	
Methylene Chloride	9.7	ND	ND	ND	ND	2.5	1.3	1.4	9.7	<1.4	
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	<0.79	<0.79	<0.79	<1.6	<1.6	
1,1-Dichloroethene	ND	ND	ND	ND	ND	<1.3	<1.3	<1.3	<1.6	<1.6	
MTBE	ND	ND	ND	ND	ND	<0.58	<0.58	<0.58	<1.4	<1.4	
Vinyl Acetate	ND	ND	1.9	ND	ND	<0.51	<0.51	<0.51	<1.4	<1.4	
1,1-Dichloroethane	ND	ND	ND	ND	ND	<0.44	<0.44	<0.44	<1.6	<1.6	
2-Butanone (MEK)	ND	2.1	2.3	2	1.7	2.3	<0.40	1.9	14	<7.4	
Ethyl Acetate	ND	ND	ND	1.1	ND	2.6	<1.1	<1.1	-	-	
n-Hexane	110	7.3	1.2	1.5	ND	23	16	<0.45	<4.4	<4.4	
Chloroform	3.7	ND	ND	ND	2.4	2.1	2.4	<0.50	<1.9	<1.9	
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	<0.41	<0.41	<0.41	<2.2	<2.2	
Carbon tetrachloride	ND	ND	ND	ND	ND	0.73	<0.46	<0.46	<2.5	<2.5	
Benzene	9.2	3.5	1	ND	ND	7.5	6.8	0.46	3.2	<1.3	
Tetrahydrofuran	ND	ND	ND	1.6	ND	<0.33	<0.33	<0.33	2.9	<1.2	
1,2-Dichloroethane	ND	ND	ND	ND	ND	<0.54	<0.54	<0.54	<1.6	<1.6	
Cyclohexane	37	2.8	ND	ND	ND	7.7	<0.58	<0.58	1.9	<1.4	
Trichloroethylene/Trichloroethene	ND	ND	ND	ND	ND	<0.32	<0.32	<0.32	<2.1	<2.1	
1,2-Dichloropropane	ND	ND	ND	ND	ND	<0.45	<0.45	<0.45	<1.8	<1.8	
Bromodichloromethane	ND	ND	ND	ND	ND	0.69	<0.35	<0.35	<2.7	<2.7	
Heptane	15	2.4	ND	ND	ND	6.2	5.6	<0.43	2	<1.6	
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	<0.36	<0.36	<0.36	<1.8	<1.8	
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	ND	<0.17	2.7	<0.17	<10	<10	
Toluene	10	5.7	1.4	1.9	1.6	10	13	1.2	60	<1.5	
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	<0.43	<0.43	<0.43	<1.8	<1.8	
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	<0.47	<0.47	<0.47	<2.2	<2.2	
Tetrachloroethylene/Tetrachloroethene	ND	2.6	ND	ND	ND	1.9	1.4	<0.62	5.2	<2.7	
2-Hexanone	ND	ND	ND	ND	ND	<0.28	<0.28	<0.28	-	-	
Dibromochloromethane	ND	ND	ND	ND	ND	<0.52	<0.52	<0.52	<3.4	<3.4	
1,2-Dibromoethane	ND	ND	ND	ND	ND	<0.50	<0.50	<0.50	<3.1	<3.1	
Chlorobenzene	ND	ND	ND	ND	ND	<0.18	<0.18	<0.18	<1.8	<1.8	
Ethylbenzene	0.72	ND	ND	ND	ND	0.71	1.3	<0.38	8.7	<1.7	
m&p-Xylene	3.5	9.2	ND	ND	ND	7.4	10	<0.74	11	<3.5	
o-Xylene	1.1	ND	ND	ND	ND	1.2	1.8	<0.30	3	<1.7	
Styrene	0.63	ND	ND	ND	ND	<0.44	<0.44	<0.44	9.4	<1.7	
Bromoform	ND	ND	ND	ND	ND	<0.66	<0.66	<0.66	<12	<12	
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	<0.43	<0.43	<0.43	<2.7	<2.7	
Benzyl Chloride	ND	ND	ND	ND	ND	<0.22	<0.22	<0.22	<2.1	<2.1	
4-Ethyltoluene	ND	ND	ND	ND	ND	<0.29	<0.29	<0.29	<2.0	<2.0	
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.54	<0.26	<0.26	<2.0	<2.0	
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.2	1.7	<0.39	2.5	<2.0	
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	<0.36	<0.36	<0.36	<2.4	<2.4	
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	<0.55	<0.55	<0.55	<2.4	<2.4	
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	<0.66	<0.66	<0.66	<2.4	<2.4	
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	<1.1	<1.1	<1.1	<9.3	<9.3	
Hexachloro-1,3-butadiene	ND	ND	ND	ND	ND	<0.84	<0.84	<0.84	<13	<13	
TPH (GC/MS) Low Fraction	-	-	-	-	-	-	-	-	-	450	
Allyl chloride	-	-	-	-	-	-	-	-	<1.3	<1.3	
tert-butyl alcohol	-	-	-	-	-	-	-	-	3.6	<1.2	
2-Chlorotoluene	-	-	-	-	-	-	-	-	<2.1	<2.1	
1,4-Dioxane	-	-	-	-	-	-	-	-	<1.4	<1.4	
Ethanol	-	-	-	-	-	-	-	-	470	30	
Trichlorofluoromethane	-	-	-	-	-	-	-	-	<2.2	<2.2	
1,1,2-Trichlorofluoroethane	-	-	-	-	-	-	-	-	<3.1	<3.1	
Isopropylbenzene	-	-	-	-	-	-	-	-	<2.0	<2.0	
Methyl Butyl Ketone	-	-	-	-	-	-	-	-	<10	<10	
Methyl methacrylate	-	-	-	-	-	-	-	-	<1.6	2	
Napthalene	-	-	-	-	-	-	-	-	<2.1	<2.1	
2-Propanol	-	-	-	-	-	-	-	-	3900	44	
Propene	-	-	-	-	-	-	-	-	<1.4	<1.4	
2,2,4-Trimethylpentane	-	-	-	-	-	-	-	-	<1.9	<1.9	
Vinyl Bromide	-	-	-	-	-	-	-	-	<1.7	<1.7	

Name/Address	60 West 200 South	60 West 200 South	60 West 200 South									
Collection Date	11/14/2007	12/12/2007	3/5/2008	4/22/2008	6/26/2008	8/7/2008	9/4/2008	11/19/2008	12/1/2008	3/23/2009	5/28/2009	
Sample Type	Indoor	Near-slab										
Notes	Crawl Space				Kitchen Counter	Living Room, behind couch	Off northeast corner of house, depth - 92"					
Units	ug/m3	ug/m3										
Volatile Organics												
1,2-Dichlorotetrafluoroethane	-	-	-	-	-	-	-	-	-	-	-	< 2.8
Dichlorodifluoromethane	2.4	2.9	2.3	2.6	2.3	2.3	2.8	2.8	2.8	2.6	-	-
Chloromethane	ND	1.1	1.2	1.6	1.2	2.1	2.1	1.6	1.3	3	< 0.83	< 0.83
Freon 114	ND	< 0.71	-	-								
Vinyl Chloride	ND	< 0.24	< 1.0	< 1.0								
1,3-Butadiene	ND	< 0.43	< 8.9	< 8.9								
Bromomethane	ND	< 0.47	< 1.6	< 1.6								
Chloroethane	ND	< 0.36	< 1.1	< 1.1								
Freon 11	3.3	1.5	ND	ND	7.4	11	11	4	5.5	5	-	-
cis-1,2-Dichloroethene	ND	< 0.73	< 1.6	< 1.6								
Carbon disulfide	ND	3.7	< 0.51	< 1.2	< 1.2							
Freon 113	ND	< 0.55	-	-								
Acetone	ND	17	29	39	58	100	86	53	ND	130	29	29
Methylene Chloride	ND	ND	ND	ND	ND	ND	1.8	2.5	4.1	0.65	13	13
trans-1,2-Dichloroethene	ND	< 0.79	< 1.6	< 1.6								
1,1-Dichloroethene	ND	< 1.3	< 1.6	< 1.6								
MTBE	ND	< 0.58	-	-								
Vinyl Acetate	ND	< 0.51	< 1.4	< 1.4								
1,1-Dichloroethane	ND	< 0.44	< 1.6	< 1.6								
2-Butanone (MEK)	ND	2.1	ND	ND	2.8	6.8	6	3.3	1.5	38	< 7.4	< 7.4
Ethyl Acetate	ND	ND	3.5	5.7	57	61	93	85	62	30	-	-
n-Hexane	2400	1.3	1	ND	ND	5.8	3.7	150	32	2.7	< 4.4	< 4.4
Chloroform	ND	6.7	9.7	9.7								
1,1,1-Trichloroethane	ND	< 0.41	< 2.2	< 2.2								
Carbon tetrachloride	ND	< 0.46	< 2.5	< 2.5								
Benzene	34	0.67	ND	ND	ND	3.5	1.7	47	14	1.4	< 1.3	< 1.3
Tetrahydrofuran	ND	ND	ND	ND	ND	5.4	4	3.2	ND	< 0.33	< 1.2	< 1.2
1,2-Dichloroethane	ND	< 0.54	< 1.6	< 1.6								
Cyclohexane	860	ND	ND	ND	ND	1.4	ND	22	8.6	< 0.58	< 1.4	< 1.4
Trichloroethylene/Trichloroethene	ND	< 0.32	< 2.1	< 2.1								
1,2-Dichloropropane	ND	< 0.45	< 1.8	< 1.8								
Bromodichloromethane	ND	< 0.35	< 2.7	< 2.7								
Heptane	300	ND	ND	ND	ND	2.4	2.2	30	13	2.5	< 1.6	< 1.6
cis-1,3-Dichloropropene	ND	< 0.36	< 1.8	< 1.8								
4-Methyl-2-pentanone (MIBK)	ND	1.4	< 10	< 10								
Toluene	47	3.1	4.3	2.7	6.8	19	12	140	51	18	1.7	1.7
trans-1,3-Dichloropropene	ND	< 0.43	< 1.8	< 1.8								
1,1,2-Trichloroethane	ND	< 0.47	< 2.2	< 2.2								
Tetrachloroethylene/Tetrachloroethene	ND	< 0.62	< 2.7	< 2.7								
2-Hexanone	ND	2	-	-								
Dibromochloromethane	ND	< 0.52	< 3.4	< 3.4								
1,2-Dibromoethane	ND	< 0.50	< 3.1	< 3.1								
Chlorobenzene	ND	< 0.18	< 1.8	< 1.8								
Ethylbenzene	5.3	26	1.5	ND	ND	2.4	2	9.8	6.8	1.3	< 1.7	< 1.7
m,p-Xylene	11	76	4.6	ND	ND	9.9	5.6	50	32	9	< 3.5	< 3.5
o-Xylene	5.1	14	1.5	ND	ND	2.6	1.8	12	9.9	2.4	< 1.7	< 1.7
Styrene	ND	ND	ND	ND	ND	1	1.5	1.2	ND	< 0.44	< 1.7	< 1.7
Bromoform	ND	< 0.66	< 12	< 12								
1,1,2,2-Tetrachloroethane	ND	< 0.43	< 2.7	< 2.7								
Benzyl Chloride	ND	< 0.22	< 2.1	< 2.1								
4-Ethyltoluene	0.82	ND	ND	ND	ND	ND	ND	2.6	2.2	< 0.29	< 2.0	< 2.0
1,3,5-Trimethylbenzene	ND	2.6	2.6	< 0.26	< 2.0	< 2.0						
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	2.4	2	6.2	1.4	1.3	< 2.0	< 2.0
1,3-Dichlorobenzene	ND	6.8	< 0.36	< 2.4	< 2.4							
1,4-Dichlorobenzene	ND	< 0.55	< 2.4	< 2.4								
1,2-Dichlorobenzene	ND	< 0.66	< 2.4	< 2.4								
1,2,4-Trichlorobenzene	ND	< 1.1	< 9.3	< 9.3								
Hexachloro-1,3-butadiene	ND	< 0.84	< 13	< 13								
TPH (GC/MS) Low Fraction	19000	-	-	-	-	-	-	-	-	-	500	500
Allyl chloride	-	-	-	-	-	-	-	-	-	-	< 1.3	< 1.3
tert-butyl alcohol	-	-	-	-	-	-	-	-	-	-	1.3	1.3
2-Chlorotoluene	-	-	-	-	-	-	-	-	-	-	< 2.1	< 2.1
1,4-Dioxane	-	-	-	-	-	-	-	-	-	-	< 1.4	< 1.4
Ethanol	-	-	-	-	-	-	-	-	-	-	38	38
Trichlorofluoromethane	-	-	-	-	-	-	-	-	-	-	< 2.2	< 2.2
1,1,2-Trichlorofluoroethane	-	-	-	-	-	-	-	-	-	-	< 3.1	< 3.1
Isopropylbenzene	-	-	-	-	-	-	-	-	-	-	< 2.0	< 2.0
Methyl Butyl Ketone	-	-	-	-	-	-	-	-	-	-	< 10	< 10
Methyl methacrylate	-	-	-	-	-	-	-	-	-	-	< 1.6	< 1.6
Napthalene	-	-	-	-	-	-	-	-	-	-	< 2.1	< 2.1
2-Propanol	-	-	-	-	-	-	-	-	-	-	88	88
Propene	-	-	-	-	-	-	-	-	-	-	< 1.4	< 1.4
2,2,4-Trimethylpentane	-	-	-	-	-	-	-	-	-	-	< 1.9	< 1.9
Vinyl Bromide	-	-	-	-	-	-	-	-	-	-	< 1.7	< 1.7

Name/Address	Head Start 189 South Main
Collection Date	1/2/2008
Sample Type	Indoor
Notes	
Units	ug/m3
Volatile Organics	
1,2-Dichlorotetrafluoroethane	-
Dichlorodifluoromethane	2.4
Chloromethane	1
Freon 114	ND
Vinyl Chloride	ND
1,3-Butadiene	ND
Bromomethane	ND
Chloroethane	ND
Freon 11	1.4
cis-1,2-Dichloroethene	ND
Carbon disulfide	ND
Freon 113	ND
Acetone	11
Methylene Chloride	ND
trans-1,2-Dichloroethene	ND
1,1-Dichloroethene	ND
MTBE	ND
Vinyl Acetate	ND
1,1-Dichloroethane	ND
2-Butanone (MEK)	ND
Ethyl Acetate	ND
n-Hexane	1.4
Chloroform	ND
1,1,1-Trichloroethane	ND
Carbon tetrachloride	ND
Benzene	1.4
Tetrahydrofuran	ND
1,2-Dichloroethane	ND
Cyclohexane	ND
Trichloroethylene/Trichloroethene	ND
1,2-Dichloropropane	ND
Bromodichloromethane	ND
Heptane	1.1
cis-1,3-Dichloropropene	ND
4-Methyl-2-pentanone (MIBK)	ND
Toluene	2.2
trans-1,3-Dichloropropene	ND
1,1,2-Trichloroethane	ND
Tetrachloroethylene/Tetrachloroethene	ND
2-Hexanone	ND
Dibromochloromethane	ND
1,2-Dibromoethane	ND
Chlorobenzene	ND
Ethylbenzene	0.65
m&p-Xylene	1.1
o-Xylene	ND
Styrene	ND
Bromoform	ND
1,1,2,2-Tetrachloroethane	ND
Benzyl Chloride	ND
4-Ethyltoluene	ND
1,3,5-Trimethylbenzene	ND
1,2,4-Trimethylbenzene	ND
1,3-Dichlorobenzene	ND
1,4-Dichlorobenzene	ND
1,2-Dichlorobenzene	ND
1,2,4-Trichlorobenzene	ND
Hexachloro-1,3-butadiene	ND
TPH (GC/MS) Low Fraction	-
Allyl chloride	-
tert-butyl alcohol	-
2-Chlorotoluene	-
1,4-Dioxane	-
Ethanol	-
Trichlorofluoromethane	-
1,1,2-Trichlorofluoroethane	-
Isopropylbenzene	-
Methyl Butyl Ketone	-
Methyl methacrylate	-
Napthalene	-
2-Propanol	-
Propene	-
2,2,4-Trimethylpentane	-
Vinyl Bromide	-

Name/Address	Gunnison Plumbing 20 South Main			
Collection Date	9/18/2007	7/15/2008	8/11/2008	9/17/2008
Sample Type	Indoor	Indoor	Indoor	Indoor
Notes		Basement	Basement	Basement
Units	ug/m3	ug/m3	ug/m3	ug/m3
Volatile Organics				
1,2-Dichlorotetrafluoroethane	-	-	-	-
Dichlorodifluoromethane	3.3	3.4	2.6	2.3
Chloromethane	1	ND	ND	ND
Freon 114	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND
1,3-Butadiene	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND
Freon 11	2.3	6	6.8	2.9
cis-1,2-Dichloroethene	ND	ND	ND	ND
Carbon disulfide	ND	ND	ND	ND
Freon 113	ND	ND	ND	ND
Acetone	12	19	11	5.8
Methylene Chloride	10	11	30	18
trans-1,2-Dichloroethene	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND
MTBE	ND	ND	ND	ND
Vinyl Acetate	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND
2-Butanone (MEK)	11	ND	8.1	ND
Ethyl Acetate	ND	ND	ND	ND
n-Hexane	6	1.2	2.9	1.6
Chloroform	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	7.1	ND	ND
Carbon tetrachloride	ND	ND	ND	ND
Benzene	1.4	ND	1.3	ND
Tetrahydrofuran	16	5.1	10	5.9
1,2-Dichloroethane	ND	ND	ND	ND
Cyclohexane	ND	ND	1.3	ND
Trichloroethylene/Trichloroethene	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND
Heptane	0.98	1.5	2.7	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND
Toluene	6.1	53	37	19
trans-1,3-Dichloropropene	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND
Tetrachloroethylene/Tetrachloroethene	ND	ND	ND	ND
2-Hexanone	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND
Ethylbenzene	ND	3.2	1.9	ND
m&p-Xylene	ND	14	8.5	3.5
o-Xylene	0.93	4.9	2.6	1.2
Styrene	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND
Benzyl Chloride	ND	ND	ND	ND
4-Ethyltoluene	0.67	1.9	1	ND
1,3,5-Trimethylbenzene	0.76	2.2	1.5	ND
1,2,4-Trimethylbenzene	2.1	7	4.9	2
1,3-Dichlorobenzene	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND
Hexachloro-1,3-butadiene	ND	ND	ND	ND
TPH (GC/MS) Low Fraction	170	-	-	-
Allyl chloride	-	-	-	-
tert-butyl alcohol	-	-	-	-
2-Chlorotoluene	-	-	-	-
1,4-Dioxane	-	-	-	-
Ethanol	-	-	-	-
Trichlorofluoromethane	-	-	-	-
1,1,2-Trichlorofluoroethane	-	-	-	-
Isopropylbenzene	-	-	-	-
Methyl Butyl Ketone	-	-	-	-
Methyl methacrylate	-	-	-	-
Napthalene	-	-	-	-
2-Propanol	-	-	-	-
Propene	-	-	-	-
2,2,4-Trimethylpentane	-	-	-	-
Vinyl Bromide	-	-	-	-

Name/Address	44 South 100 West
Collection Date	8/7/2008
Sample Type	Indoor
Notes	Kitchen Floor
Units	ug/m3
Volatile Organics	
1,2-Dichlorotetrafluoroethane	-
Dichlorodifluoromethane	2.6
Chloromethane	2.6
Freon 114	ND
Vinyl Chloride	ND
1,3-Butadiene	ND
Bromomethane	ND
Chloroethane	ND
Freon 11	ND
cis-1,2-Dichloroethene	ND
Carbon disulfide	1.2
Freon 113	ND
Acetone	52
Methylene Chloride	2.7
trans-1,2-Dichloroethene	ND
1,1-Dichloroethene	ND
MTBE	ND
Vinyl Acetate	ND
1,1-Dichloroethane	ND
2-Butanone (MEK)	12
Ethyl Acetate	200
n-Hexane	90
Chloroform	2.8
1,1,1-Trichloroethane	ND
Carbon tetrachloride	ND
Benzene	81
Tetrahydrofuran	1.2
1,2-Dichloroethane	ND
Cyclohexane	16
Trichloroethylene/Trichloroethene	ND
1,2-Dichloropropane	ND
Bromodichloromethane	ND
Heptane	42
cis-1,3-Dichloropropene	ND
4-Methyl-2-pentanone (MIBK)	3.2
Toluene	330
trans-1,3-Dichloropropene	ND
1,1,2-Trichloroethane	ND
Tetrachloroethylene/Tetrachloroethene	17
2-Hexanone	ND
Dibromochloromethane	ND
1,2-Dibromoethane	ND
Chlorobenzene	ND
Ethylbenzene	27
m&p-Xylene	180
o-Xylene	46
Styrene	18
Bromoform	ND
1,1,2,2-Tetrachloroethane	ND
Benzyl Chloride	ND
4-Ethyltoluene	10
1,3,5-Trimethylbenzene	9.3
1,2,4-Trimethylbenzene	34
1,3-Dichlorobenzene	ND
1,4-Dichlorobenzene	ND
1,2-Dichlorobenzene	ND
1,2,4-Trichlorobenzene	ND
Hexachloro-1,3-butadiene	ND
TPH (GC/MS) Low Fraction	-
Allyl chloride	-
tert-butyl alcohol	-
2-Chlorotoluene	-
1,4-Dioxane	-
Ethanol	-
Trichlorofluoromethane	-
1,1,2-Trichlorofluoroethane	-
Isopropylbenzene	-
Methyl Butyl Ketone	-
Methyl methacrylate	-
Napthalene	-
2-Propanol	-
Propene	-
2,2,4-Trimethylpentane	-
Vinyl Bromide	-

Name/Address	89 West Center	89 West Center	89 West Center	89 West Center
Collection Date	11/19/2007	12/3/2007	12/3/2007	4/25/2008
Sample Type	Indoor	Indoor	Indoor	Indoor
Notes	Small Furnace Room	Downstairs Kitchen Counter	Upstairs Kitchen Table	
Units	ug/m3	ug/m3	ug/m3	ug/m3
Volatile Organics				
1,2-Dichlorotetrafluoroethane	-	-	-	-
Dichlorodifluoromethane	2.6	2.6	2.5	-
Chloromethane	1.2	0.98	ND	-
Freon 114	ND	ND	ND	-
Vinyl Chloride	ND	ND	ND	-
1,3-Butadiene	ND	ND	ND	-
Bromomethane	ND	ND	ND	-
Chloroethane	ND	ND	ND	-
Freon 11	1.6	1.5	1.3	-
cis-1,2-Dichloroethene	ND	ND	ND	-
Carbon disulfide	ND	ND	ND	-
Freon 113	ND	ND	ND	-
Acetone	ND	2.4	ND	-
Methylene Chloride	0.99	2.2	0.86	-
trans-1,2-Dichloroethene	ND	ND	ND	-
1,1-Dichloroethene	ND	ND	ND	-
MTBE	ND	ND	ND	-
Vinyl Acetate	ND	ND	ND	-
1,1-Dichloroethane	ND	ND	ND	-
2-Butanone (MEK)	ND	2.5	6.2	-
Ethyl Acetate	ND	ND	ND	-
n-Hexane	140	21	24	-
Chloroform	ND	ND	ND	-
1,1,1-Trichloroethane	0.89	0.59	ND	-
Carbon tetrachloride	ND	ND	ND	-
Benzene	130	17	20	12
Tetrahydrofuran	ND	ND	ND	-
1,2-Dichloroethane	ND	ND	ND	-
Cyclohexane	23	3.5	4.3	-
Trichloroethylene/Trichloroethene	0.85	ND	ND	-
1,2-Dichloropropane	ND	ND	ND	-
Bromodichloromethane	ND	ND	ND	-
Heptane	45	7.6	8.3	-
cis-1,3-Dichloropropene	ND	ND	ND	-
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	-
Toluene	450	63	73	40
trans-1,3-Dichloropropene	ND	ND	ND	-
1,1,2-Trichloroethane	ND	ND	ND	-
Tetrachloroethylene/Tetrachloroethene	1.2	0.81	0.68	-
2-Hexanone	ND	ND	ND	-
Dibromochloromethane	ND	ND	ND	-
1,2-Dibromoethane	ND	ND	ND	-
Chlorobenzene	ND	ND	ND	-
Ethylbenzene	42	6.3	7.8	3.5
m&p-Xylene	210	30	43	23.1
o-Xylene	64	9	12	
Styrene	1	0.49	0.7	-
Bromoform	ND	ND	ND	-
1,1,2,2-Tetrachloroethane	ND	ND	ND	-
Benzyl Chloride	ND	ND	ND	-
4-Ethyltoluene	13	1.8	2.6	-
1,3,5-Trimethylbenzene	14	1.7	2.3	-
1,2,4-Trimethylbenzene	48	7.6	9.6	-
1,3-Dichlorobenzene	ND	ND	ND	-
1,4-Dichlorobenzene	ND	ND	0.7	-
1,2-Dichlorobenzene	ND	ND	ND	-
1,2,4-Trichlorobenzene	ND	ND	ND	-
Hexachloro-1,3-butadiene	ND	ND	ND	-
TPH (GC/MS) Low Fraction	-	-	-	-
Allyl chloride	-	-	-	-
tert-butyl alcohol	-	-	-	-
2-Chlorotoluene	-	-	-	-
1,4-Dioxane	-	-	-	-
Ethanol	-	-	-	-
Trichlorofluoromethane	-	-	-	-
1,1,2-Trichlorofluoroethane	-	-	-	-
Isopropylbenzene	-	-	-	-
Methyl Butyl Ketone	-	-	-	-
Methyl methacrylate	-	-	-	-
Napthalene	-	-	-	-
2-Propanol	-	-	-	-
Propene	-	-	-	-
2,2,4-Trimethylpentane	-	-	-	-
Vinyl Bromide	-	-	-	-

Name/Address	12 East Center	12 East Center
Collection Date	11/9/2007	11/9/2007
Sample Type	Indoor	Indoor
Notes	Kitchen (East of Plume)	Unoccupied Basement (East of Plume)
Units	ug/m3	ug/m3
Volatile Organics	-	-
1,2-Dichlorotetrafluoroethane	-	-
Dichlorodifluoromethane	-	-
Chloromethane	-	-
Freon 114	-	-
Vinyl Chloride	-	-
1,3-Butadiene	-	-
Bromomethane	-	-
Chloroethane	-	-
Freon 11	-	-
cis-1,2-Dichloroethene	-	-
Carbon disulfide	-	-
Freon 113	-	-
Acetone	-	-
Methylene Chloride	-	-
trans-1,2-Dichloroethene	-	-
1,1-Dichloroethene	-	-
MTBE	-	-
Vinyl Acetate	-	-
1,1-Dichloroethane	-	-
2-Butanone (MEK)	-	-
Ethyl Acetate	-	-
n-Hexane	-	-
Chloroform	-	-
1,1,1-Trichloroethane	-	-
Carbon tetrachloride	-	-
Benzene	2.2	1.4
Tetrahydrofuran	-	-
1,2-Dichloroethane	-	-
Cyclohexane	-	-
Trichloroethylene/Trichloroethene	-	-
1,2-Dichloropropane	-	-
Bromodichloromethane	-	-
Heptane	-	-
cis-1,3-Dichloropropene	-	-
4-Methyl-2-pentanone (MIBK)	-	-
Toluene	5.5	4.5
trans-1,3-Dichloropropene	-	-
1,1,2-Trichloroethane	-	-
Tetrachloroethylene/Tetrachloroethene	-	-
2-Hexanone	-	-
Dibromochloromethane	-	-
1,2-Dibromoethane	-	-
Chlorobenzene	-	-
Ethylbenzene	ND	ND
m&p-Xylene	2.7	2.3
o-Xylene	0.79	0.64
Styrene	-	-
Bromoform	-	-
1,1,2,2-Tetrachloroethane	-	-
Benzyl Chloride	-	-
4-Ethyltoluene	-	-
1,3,5-Trimethylbenzene	-	-
1,2,4-Trimethylbenzene	-	-
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	-	-
1,2-Dichlorobenzene	-	-
1,2,4-Trichlorobenzene	-	-
Hexachloro-1,3-butadiene	-	-
TPH (GC/MS) Low Fraction	97	46
Allyl chloride	-	-
tert-butyl alcohol	-	-
2-Chlorotoluene	-	-
1,4,-Dioxane	-	-
Ethanol	-	-
Trichlorofluoromethane	-	-
1,1,2-Trichlorofluoroethane	-	-
Isopropylbenzene	-	-
Methyl Butyl Ketone	-	-
Methyl methacrylate	-	-
Napthalene	-	-
2-Propanol	-	-
Propene	-	-
2,2,4-Trimethylpentane	-	-
Vinyl Bromide	-	-

Name/Address	20 East Center
Collection Date	11/7/2007
Sample Type	Indoor
Notes	Residence (East of Plume)
Units	ug/m3
Volatile Organics	-
1,2-Dichlorotetrafluoroethane	-
Dichlorodifluoromethane	-
Chloromethane	-
Freon 114	-
Vinyl Chloride	-
1,3-Butadiene	-
Bromomethane	-
Chloroethane	-
Freon 11	-
cis-1,2-Dichloroethene	-
Carbon disulfide	-
Freon 113	-
Acetone	-
Methylene Chloride	-
trans-1,2-Dichloroethene	-
1,1-Dichloroethene	-
MTBE	-
Vinyl Acetate	-
1,1-Dichloroethane	-
2-Butanone (MEK)	-
Ethyl Acetate	-
n-Hexane	-
Chloroform	-
1,1,1-Trichloroethane	-
Carbon tetrachloride	-
Benzene	3.2
Tetrahydrofuran	-
1,2-Dichloroethane	-
Cyclohexane	-
Trichloroethylene/Trichloroethene	-
1,2-Dichloropropane	-
Bromodichloromethane	-
Heptane	-
cis-1,3-Dichloropropene	-
4-Methyl-2-pentanone (MIBK)	-
Toluene	23
trans-1,3-Dichloropropene	-
1,1,2-Trichloroethane	-
Tetrachloroethene	-
2-Hexanone	-
Dibromochloromethane	-
1,2-Dibromoethane	-
Chlorobenzene	-
Ethylbenzene	4.2
m&p-Xylene	19
o-Xylene	5.4
Styrene	-
Bromoform	-
1,1,2,2-Tetrachloroethane	-
Benzyl Chloride	-
4-Ethyltoluene	-
1,3,5-Trimethylbenzene	-
1,2,4-Trimethylbenzene	-
1,3-Dichlorobenzene	-
1,4-Dichlorobenzene	-
1,2-Dichlorobenzene	-
1,2,4-Trichlorobenzene	-
Hexachloro-1,3-butadiene	-
TPH (GC/MS) Low Fraction	220
Allyl chloride	-
tert-butyl alcohol	-
2-Chlorotoluene	-
1,4,-Dioxane	-
Ethanol	-
Trichlorofluoromethane	-
1,1,2-Trichlorofluoroethane	-
Isopropylbenzene	-
Methyl Butyl Ketone	-
Methyl methacrylate	-
Napthalene	-
2-Propanol	-
Propene	-
2,2,4-Trimethylpentane	-
Vinyl Bromide	-

Name/Address	Lila Lee's 70 South Main	Lila Lee's 70 South Main									
Collection Date	9/7/2007	12/5/2007	12/12/2007	3/25/2008	7/15/2008	8/11/2008	9/17/2008			5/5/2009	5/5/2009
Sample Type	Indoor			Sub-slab	Sub-slab						
Notes	Basement	Basement		Basement	Fitting Room in Basement	Fitting Room in Basement	Fitting Room in Basement			Southwest corner of basement	Northeast corner of basement
Units	ug/m3			ug/m3	ug/m3						
Volatile Organics											
1,2-Dichlorotetrafluoroethane	-	-	-	-	-	-	-	-	-	< 2.8	< 2.8
Dichlorodifluoromethane	1.9	2.5	2.9	3	3.1	2.7	2.2			< 2.0	2.6
Chloromethane	1.1	0.72	1	1.2	ND	ND	ND			< 0.83	< 0.83
Freon 114	ND			-	-						
Vinyl Chloride	ND			< 1.0	< 1.0						
1,3-Butadiene	ND			< 8.9	< 8.9						
Bromomethane	ND			< 1.6	< 1.6						
Chloroethane	ND			< 1.1	< 1.1						
Freon 11	1.5	1.2	1.4	ND	ND	ND	ND			-	-
cis-1,2-Dichloroethene	ND			< 1.6	< 1.6						
Carbon disulfide	ND			< 1.2	< 1.2						
Freon 113	ND	ND	0.77	ND	ND	ND	ND			-	-
Acetone	340	14	5.5	32	60	37	5			38	31
Methylene Chloride	22	12	ND	11	4.5	7.3	8.2			1.7	4.5
trans-1,2-Dichloroethene	ND			< 1.6	< 1.6						
1,1-Dichloroethene	ND			< 1.6	< 1.6						
MTBE	ND			< 1.4	< 1.4						
Vinyl Acetate	ND			< 1.4	< 1.4						
1,1-Dichloroethane	ND			< 1.6	< 1.6						
2-Butanone (MEK)	ND	ND	ND	6.3	3.1	ND	4.1			< 7.4	< 7.4
Ethyl Acetate	ND			-	-						
n-Hexane	400	1.6	0.55	2.4	2	2	1.1			< 4.4	< 4.4
Chloroform	ND			< 1.9	< 1.9						
1,1,1-Trichloroethane	1.3	ND	ND	ND	3.5	2.1	1.8			< 2.2	3.4
Carbon tetrachloride	ND			< 2.5	< 2.5						
Benzene	27	1.6	0.9	2.1	1.8	1.8	1.2			2.5	3.8
Tetrahydrofuran	ND	ND	ND	ND	ND	1.7	ND			< 1.2	2.3
1,2-Dichloroethane	ND			< 1.6	< 1.6						
Cyclohexane	120	1.8	ND	2.9	7.3	3.1	2.8			2	< 1.4
Trichloroethylene/Trichloroethene	ND	0.73	ND	ND	ND	ND	ND			< 2.1	< 2.1
1,2-Dichloropropane	ND			< 1.8	< 1.8						
Bromodichloromethane	ND			< 2.7	< 2.7						
Heptane	24	0.46	ND	ND	ND	ND	ND			< 1.6	< 1.6
cis-1,3-Dichloropropene	ND			< 1.8	< 1.8						
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	2.5	ND	ND			< 10	< 10
Toluene	50	5.7	1.8	12	15	16	8.8			2.2	3.4
trans-1,3-Dichloropropene	ND			< 1.8	< 1.8						
1,1,2-Trichloroethane	ND			< 2.2	< 2.2						
Tetrachloroethylene/Tetrachloroethene	0.97	ND	ND	ND	ND	ND	ND			< 2.7	< 2.7
2-Hexanone	ND			-	-						
Dibromochloromethane	ND			< 3.4	< 3.4						
1,2-Dibromoethane	ND			< 3.1	< 3.1						
Chlorobenzene	ND			< 1.8	< 1.8						
Ethylbenzene	3.9	ND	ND	1.7	2.7	2	1.4			< 1.7	< 1.7
m&p-Xylene	12	2.6	1.2	6.3	18	15	8.1			< 3.5	< 3.5
o-Xylene	2.8	0.76	ND	1.8	3.1	1.9	ND			< 1.7	< 1.7
Styrene	2.9	ND	ND	1.6	3.6	3.7	2.7			< 1.7	< 1.7
Bromoform	ND			< 12	< 12						
1,1,2,2-Tetrachloroethane	ND			< 2.7	< 2.7						
Benzyl Chloride	ND			< 2.1	< 2.1						
4-Ethyltoluene	0.67	ND	ND	ND	ND	ND	ND			< 2.0	< 2.0
1,3,5-Trimethylbenzene	0.75	ND	ND	ND	1.5	ND	ND			< 2.0	< 2.0
1,2,4-Trimethylbenzene	2.1	ND	ND	1.7	2.7	2.6	1.2			< 2.0	< 2.0
1,3-Dichlorobenzene	ND			< 2.4	< 2.4						
1,4-Dichlorobenzene	ND			< 2.4	< 2.4						
1,2-Dichlorobenzene	ND			< 2.4	< 2.4						
1,2,4-Trichlorobenzene	ND			< 9.3	< 9.3						
Hexachloro-1,3-butadiene	ND			< 13	< 13						
TPH (GC/MS) Low Fraction											
Allyl chloride	-	-	-	-	-	-	-			< 1.3	< 1.3
tert-butyl alcohol	-	-	-	-	-	-	-			< 1.2	2
2-Chlorotoluene	-	-	-	-	-	-	-			< 2.1	< 2.1
1,4-Dioxane	-	-	-	-	-	-	-			< 1.4	< 1.4
Ethanol	-	-	-	-	-	-	-			45	58
Trichlorofluoromethane	-	-	-	-	-	-	-			< 2.2	< 2.2
1,1,2-Trichlorofluoroethane	-	-	-	-	-	-	-			< 3.1	< 3.1
Isopropylbenzene	-	-	-	-	-	-	-			< 2.0	< 2.0
Methyl Butyl Ketone	-	-	-	-	-	-	-			< 10	< 10
Methyl methacrylate	-	-	-	-	-	-	-			< 1.6	< 1.6
Napthalene	-	-	-	-	-	-	-			< 2.1	< 2.1
2-Propanol	-	-	-	-	-	-	-			47	88
Propene	-	-	-	-	-	-	-			< 1.4	< 1.4
2,2,4-Trimethylpentane	-	-	-	-	-	-	-			< 1.9	< 1.9
Vinyl Bromide	-	-	-	-	-	-	-			< 1.7	< 1.7

Name/Address	49 West 100 South	49 West 100 South	49 West 100 South	49 West 100 South	49 West 100 South	49 West 100 South
Collection Date	1/7/2008	7/9/2008	8/7/2008	9/4/2008	3/23/2009	6/9/2009
Sample Type	Indoor	Indoor	Indoor	Indoor	Indoor	Sub-slab
Notes		Living Room by Fireplace	Living Room by Fireplace	Living Room by Fireplace	Living room by fireplace	Basement west side
Units	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Volatile Organics						
1,2-Dichlorotetrafluoroethane	-	-	-	-	-	< 5.6
Dichlorodifluoromethane	3.1	2.4	2.3	5.2	3.1	< 4.0
Chloromethane	1.1	0.96	2	1.7	1.7	< 1.7
Freon 114	ND	ND	ND	ND	< 0.71	-
Vinyl Chloride	ND	ND	ND	ND	< 0.24	< 2.0
1,3-Butadiene	ND	ND	ND	ND	< 0.43	< 18
Bromomethane	ND	ND	ND	ND	< 0.47	< 3.1
Chloroethane	ND	ND	ND	ND	< 0.36	< 2.1
Freon 11	1.6	ND	ND	2.6	1.6	-
cis-1,2-Dichloroethene	ND	ND	ND	ND	< 0.73	< 3.2
Carbon disulfide	ND	ND	ND	ND	1.5	< 2.5
Freon 113	ND	ND	ND	ND	< 0.55	-
Acetone	8.1	14	13	23	29	93
Methylene Chloride	0.6	ND	5.3	2.4	< 0.49	< 2.8
trans-1,2-Dichloroethene	ND	ND	ND	ND	< 0.79	< 3.2
1,1-Dichloroethene	ND	ND	ND	ND	< 1.3	< 3.2
MTBE	ND	ND	ND	ND	< 0.58	< 2.9
Vinyl Acetate	ND	ND	ND	ND	< 0.51	< 2.8
1,1-Dichloroethane	ND	ND	ND	ND	< 0.44	< 3.2
2-Butanone (MEK)	ND	ND	ND	1.3	1.7	< 15
Ethyl Acetate	ND	ND	ND	ND	2.9	-
n-Hexane	3.4	ND	ND	2.4	0.58	< 8.9
Chloroform	ND	ND	ND	ND	< 0.50	17
1,1,1-Trichloroethane	ND	ND	ND	ND	< 0.41	< 4.4
Carbon tetrachloride	ND	ND	ND	ND	< 0.46	< 5.0
Benzene	1.1	ND	ND	1.7	0.7	2.8
Tetrahydrofuran	ND	ND	ND	ND	< 0.33	< 2.4
1,2-Dichloroethane	ND	ND	ND	ND	< 0.54	< 3.2
Cyclohexane	3.4	ND	ND	ND	< 0.58	< 2.8
Trichloroethylene/Trichloroethene	ND	ND	ND	ND	< 0.32	< 4.3
1,2-Dichloropropane	ND	ND	ND	ND	< 0.45	< 3.7
Bromodichloromethane	ND	ND	ND	ND	< 0.35	< 5.4
Heptane	ND	ND	ND	1.4	0.51	< 3.3
cis-1,3-Dichloropropene	ND	ND	ND	ND	< 0.36	< 3.6
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	< 0.17	< 20
Toluene	3.5	2.3	4.3	4.4	13	< 3.0
trans-1,3-Dichloropropene	ND	ND	ND	ND	< 0.43	< 3.6
1,1,2-Trichloroethane	ND	ND	ND	ND	< 0.47	< 4.4
Tetrachloroethylene/Tetrachloroethene	ND	ND	ND	ND	< 0.62	< 5.4
2-Hexanone	ND	ND	ND	ND	< 0.28	-
Dibromochloromethane	ND	ND	ND	ND	< 0.52	< 6.8
1,2-Dibromoethane	ND	ND	ND	ND	< 0.50	< 6.2
Chlorobenzene	ND	ND	ND	ND	< 0.18	< 3.7
Ethylbenzene	ND	ND	2.1	1.7	< 0.38	< 3.5
m&p-Xylene	ND	ND	3.7	5.2	1.1	< 6.9
o-Xylene	ND	ND	1.2	2	< 0.30	< 3.5
Styrene	ND	ND	ND	ND	< 0.44	< 3.4
Bromoform	ND	ND	ND	ND	< 0.66	< 25
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	< 0.43	< 5.5
Benzyl Chloride	ND	ND	ND	ND	< 0.22	< 4.2
4-Ethyltoluene	ND	ND	ND	ND	< 0.29	< 3.9
1,3,5-Trimethylbenzene	ND	ND	ND	ND	< 0.26	< 3.9
1,2,4-Trimethylbenzene	ND	ND	ND	1.2	< 0.39	< 3.9
1,3-Dichlorobenzene	ND	ND	ND	ND	< 0.36	< 4.8
1,4-Dichlorobenzene	ND	ND	ND	ND	< 0.55	< 4.8
1,2-Dichlorobenzene	ND	ND	ND	ND	< 0.66	< 4.8
1,2,4-Trichlorobenzene	ND	ND	ND	ND	< 1.1	< 19
Hexachloro-1,3-butadiene	ND	ND	ND	ND	< 0.84	< 27
TPH (GC/MS) Low Fraction	-	-	-	-	-	< 830
Allyl chloride	-	-	-	-	-	< 2.5
tert-butyl alcohol	-	-	-	-	-	< 2.4
2-Chlorotoluene	-	-	-	-	-	< 4.1
1,4-Dioxane	-	-	-	-	-	< 2.9
Ethanol	-	-	-	-	-	57
Trichlorofluoromethane	-	-	-	-	-	< 4.5
1,1,2-Trichlorofluoroethane	-	-	-	-	-	< 6.1
Isopropylbenzene	-	-	-	-	-	< 3.9
Methyl Butyl Ketone	-	-	-	-	-	< 20
Methyl methacrylate	-	-	-	-	-	< 3.3
Napthalene	-	-	-	-	-	< 4.2
2-Propanol	-	-	-	-	-	81
Propene	-	-	-	-	-	< 2.8
2,2,4-Trimethylpentane	-	-	-	-	-	< 3.7
Vinyl Bromide	-	-	-	-	-	< 3.5

Name/Address	49 West 100 South	49 West 100 South	49 West 100 South	49 West 100 South	49 West 100 South	49 West 100 South
Collection Date	1/7/2008	7/9/2008	8/7/2008	9/4/2008	3/23/2009	6/9/2009
Sample Type	Indoor	Indoor	Indoor	Indoor	Indoor	Sub-slab
Notes		Living Room by Fireplace	Living Room by Fireplace	Living Room by Fireplace	Living room by fireplace	Basement west side
Units	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Volatile Organics						
1,2-Dichlorotetrafluoroethane	-	-	-	-	-	< 5.6
Dichlorodifluoromethane	3.1	2.4	2.3	5.2	3.1	< 4.0
Chloromethane	1.1	0.96	2	1.7	1.7	< 1.7
Freon 114	ND	ND	ND	ND	< 0.71	-
Vinyl Chloride	ND	ND	ND	ND	< 0.24	< 2.0
1,3-Butadiene	ND	ND	ND	ND	< 0.43	< 18
Bromomethane	ND	ND	ND	ND	< 0.47	< 3.1
Chloroethane	ND	ND	ND	ND	< 0.36	< 2.1
Freon 11	1.6	ND	ND	2.6	1.6	-
cis-1,2-Dichloroethene	ND	ND	ND	ND	< 0.73	< 3.2
Carbon disulfide	ND	ND	ND	ND	1.5	< 2.5
Freon 113	ND	ND	ND	ND	< 0.55	-
Acetone	8.1	14	13	23	29	93
Methylene Chloride	0.6	ND	5.3	2.4	< 0.49	< 2.8
trans-1,2-Dichloroethene	ND	ND	ND	ND	< 0.79	< 3.2
1,1-Dichloroethene	ND	ND	ND	ND	< 1.3	< 3.2
MTBE	ND	ND	ND	ND	< 0.58	< 2.9
Vinyl Acetate	ND	ND	ND	ND	< 0.51	< 2.8
1,1-Dichloroethane	ND	ND	ND	ND	< 0.44	< 3.2
2-Butanone (MEK)	ND	ND	ND	1.3	1.7	< 15
Ethyl Acetate	ND	ND	ND	ND	2.9	-
n-Hexane	3.4	ND	ND	2.4	0.58	< 8.9
Chloroform	ND	ND	ND	ND	< 0.50	17
1,1,1-Trichloroethane	ND	ND	ND	ND	< 0.41	< 4.4
Carbon tetrachloride	ND	ND	ND	ND	< 0.46	< 5.0
Benzene	1.1	ND	ND	1.7	0.7	2.8
Tetrahydrofuran	ND	ND	ND	ND	< 0.33	< 2.4
1,2-Dichloroethane	ND	ND	ND	ND	< 0.54	< 3.2
Cyclohexane	3.4	ND	ND	ND	< 0.58	< 2.8
Trichloroethylene/Trichloroethene	ND	ND	ND	ND	< 0.32	< 4.3
1,2-Dichloropropane	ND	ND	ND	ND	< 0.45	< 3.7
Bromodichloromethane	ND	ND	ND	ND	< 0.35	< 5.4
Heptane	ND	ND	ND	1.4	0.51	< 3.3
cis-1,3-Dichloropropene	ND	ND	ND	ND	< 0.36	< 3.6
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	< 0.17	< 20
Toluene	3.5	2.3	4.3	4.4	13	< 3.0
trans-1,3-Dichloropropene	ND	ND	ND	ND	< 0.43	< 3.6
1,1,2-Trichloroethane	ND	ND	ND	ND	< 0.47	< 4.4
Tetrachloroethylene/Tetrachloroethene	ND	ND	ND	ND	< 0.62	< 5.4
2-Hexanone	ND	ND	ND	ND	< 0.28	-
Dibromochloromethane	ND	ND	ND	ND	< 0.52	< 6.8
1,2-Dibromoethane	ND	ND	ND	ND	< 0.50	< 6.2
Chlorobenzene	ND	ND	ND	ND	< 0.18	< 3.7
Ethylbenzene	ND	ND	2.1	1.7	< 0.38	< 3.5
m&p-Xylene	ND	ND	3.7	5.2	1.1	< 6.9
o-Xylene	ND	ND	1.2	2	< 0.30	< 3.5
Styrene	ND	ND	ND	ND	< 0.44	< 3.4
Bromoform	ND	ND	ND	ND	< 0.66	< 25
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	< 0.43	< 5.5
Benzyl Chloride	ND	ND	ND	ND	< 0.22	< 4.2
4-Ethyltoluene	ND	ND	ND	ND	< 0.29	< 3.9
1,3,5-Trimethylbenzene	ND	ND	ND	ND	< 0.26	< 3.9
1,2,4-Trimethylbenzene	ND	ND	ND	1.2	< 0.39	< 3.9
1,3-Dichlorobenzene	ND	ND	ND	ND	< 0.36	< 4.8
1,4-Dichlorobenzene	ND	ND	ND	ND	< 0.55	< 4.8
1,2-Dichlorobenzene	ND	ND	ND	ND	< 0.66	< 4.8
1,2,4-Trichlorobenzene	ND	ND	ND	ND	< 1.1	< 19
Hexachloro-1,3-butadiene	ND	ND	ND	ND	< 0.84	< 27
TPH (GC/MS) Low Fraction	-	-	-	-	-	< 830
Allyl chloride	-	-	-	-	-	< 2.5
tert-butyl alcohol	-	-	-	-	-	< 2.4
2-Chlorotoluene	-	-	-	-	-	< 4.1
1,4-Dioxane	-	-	-	-	-	< 2.9
Ethanol	-	-	-	-	-	57
Trichlorofluoromethane	-	-	-	-	-	< 4.5
1,1,2-Trichlorofluoroethane	-	-	-	-	-	< 6.1
Isopropylbenzene	-	-	-	-	-	< 3.9
Methyl Butyl Ketone	-	-	-	-	-	< 20
Methyl methacrylate	-	-	-	-	-	< 3.3
Napthalene	-	-	-	-	-	< 4.2
2-Propanol	-	-	-	-	-	81
Propene	-	-	-	-	-	< 2.8
2,2,4-Trimethylpentane	-	-	-	-	-	< 3.7
Vinyl Bromide	-	-	-	-	-	< 3.5

Name/Address	255 South 100 West	255 South 100 West	255 South 100 West	255 South 100 West	255 South 100 West	255 South 100 West											
Collection Date	11/7/2007	12/3/2007	1/3/2008	1/23/2008	2/7/2008	3/25/2008	4/25/2008	9/4/2008	12/1/2008	12/14/2008	3/23/2009	5/1/2009	5/1/2009	5/1/2009	5/28/2009	6/22/2009	6/22/2009
Sample Type	Indoor	Sub-slab	Sub-slab	Sub-slab	Sub-slab	Sub-slab	Sub-slab										
Notes	Occupied Basement	Pantry under stairs	Pantry Under Stairs	NE Corner of Basement	Garage	Garage	Pantry Under Stairs	NE Corner of Basement									
Units	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3										
Volatile Organics																	
1,2-Dichlorotetrafluoroethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 1.4	< 2.8	< 2.8
Dichlorodifluoromethane	-	2.8	2.1	3.4	2.9	2.3	-	4.2	-	3.2	2.5	2.4	2.4	2.3	2.7	2.1	2.2
Chloromethane	-	1.1	1.1	1.4	1.5	1.2	-	ND	-	ND	< 0.29	1.5	0.9	1.1	< 0.41	< 0.83	< 0.83
Freon 114	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.71	< 0.71	< 0.71	< 0.71	-	-	-
Vinyl Chloride	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.24	< 0.24	< 0.24	< 0.24	< 0.51	< 1.0	< 1.0
1,3-Butadiene	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.43	< 0.43	< 0.43	< 0.43	< 4.4	< 8.9	< 8.9
Bromomethane	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.47	< 0.47	< 0.47	< 0.47	< 0.78	< 1.6	< 1.6
Chloroethane	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.36	< 0.36	< 0.36	< 0.36	< 0.53	< 1.1	< 1.1
Freon 11	-	1.3	1.3	1.6	1.9	ND	-	6.3	-	1.3	< 0.57	< 0.57	< 0.57	1.3	-	-	-
cis-1,2-Dichloroethene	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.73	< 0.73	< 0.73	< 0.73	< 0.79	< 1.6	< 1.6
Carbon disulfide	-	ND	ND	ND	ND	ND	-	1.3	-	ND	< 0.51	< 0.51	0.98	< 0.51	< 0.62	1.3	< 1.2
Freon 113	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.55	< 0.55	< 0.55	< 0.55	-	-	-
Acetone	-	15	13	ND	23	25	-	52	-	ND	5.1	62	100	46	20	570	48
Methylene Chloride	-	ND	0.97	1.4	1.4	2.5	-	13	-	ND	0.69	1.3	1.2	< 0.49	< 0.69	5.6	2.6
trans-1,2-Dichloroethene	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	1.9	< 1.6
1,1-Dichloroethene	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 1.3	< 1.3	< 1.3	< 1.3	< 0.79	< 1.6	< 1.6
MTBE	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.58	< 0.58	< 0.58	< 0.58	< 0.72	< 1.4	< 1.4
Vinyl Acetate	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.51	< 0.51	< 0.51	< 0.51	< 0.7	< 1.4	< 1.4
1,1-Dichloroethane	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.44	< 0.44	< 0.44	< 0.44	< 0.8	< 1.6	< 1.6
2-Butanone (MEK)	-	76	ND	6.3	ND	ND	-	6.8	-	14	4.3	7.6	22	24	4.1	21	< 7.4
Ethyl Acetate	-	ND	ND	3.4	2.3	ND	-	4.4	-	ND	1.7	1.7	< 1.1	< 1.1	-	-	-
n-Hexane	-	27	27	41	7.4	17	-	7.8	-	25	8.7	2.1	1.3	< 0.45	< 2.2	34	13
Chloroform	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.50	< 0.50	< 0.50	3.7	3	< 1.9	< 1.9
1,1,1-Trichloroethane	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.41	< 0.41	< 0.41	< 0.41	< 1.1	< 2.2	< 2.2
Carbon tetrachloride	-	ND	ND	0.65	ND	ND	-	ND	-	ND	< 0.46	< 0.46	< 0.46	< 1.3	< 2.5	< 2.5	
Benzene	33	16	17	19	7.3	12	11	5.3	24	0.9	8.9	2	11	3.7	3.2	35	15
Tetrahydrofuran	-	420	25	20	9.9	ND	-	1.8	-	5.1	3.5	5.9	5.6	9.9	< 0.59	5.3	< 1.2
1,2-Dichloroethane	-	4.7	3.8	3.9	3.8	3.4	-	ND	-	ND	3.4	2.8	1.9	0.73	< 0.81	4.9	4
Cyclohexane	-	4.6	5.1	6.8	ND	4.1	-	2.7	-	7.3	< 0.58	< 0.58	< 0.58	< 0.58	< 0.69	< 1.4	< 1.4
Trichloroethylene/Trichloroethene	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.32	< 0.32	< 0.32	< 0.32	< 1.1	< 2.1	< 2.1
1,2-Dichloropropane	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.45	< 0.45	< 0.45	< 0.45	< 0.92	< 1.8	< 1.8
Bromodichloromethane	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.35	< 0.35	< 0.35	< 0.35	< 1.3	< 2.7	< 2.7
Heptane	-	8.3	9.5	6.5	2.7	6.4	-	3.6	-	1.5	3.5	0.96	< 0.43	< 0.43	1.6	15	2.6
cis-1,3-Dichloropropene	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.36	< 0.36	< 0.36	< 0.36	< 0.91	< 1.8	< 1.8
4-Methyl-2-pentanone (MIBK)	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.17	1.6	< 0.17	1.3	6.1	< 10	< 10
Toluene	110	67	80	61	41	48	55	28	80	1.9	45	22	17	68	57	170	45
trans-1,3-Dichloropropene	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.43	< 0.43	< 0.43	< 0.43	< 0.91	< 1.8	< 1.8
1,1,2-Trichloroethane	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.47	< 0.47	< 0.47	< 0.47	< 1.1	< 2.2	< 2.2
Tetrachloroethylene/Tetrachloroethene	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.62	< 0.62	1.6	1.6	< 1.4	< 2.7	< 2.7
2-Hexanone	-	ND	2.8	ND	ND	ND	-	ND	-	ND	< 0.28	< 0.28	1.4	< 0.28	-	-	-
Dibromochloromethane	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.52	< 0.52	< 0.52	< 0.52	< 1.7	< 3.4	< 3.4
1,2-Dibromoethane	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.50	< 0.50	< 0.50	< 0.50	< 1.5	< 3.1	< 3.1
Chlorobenzene	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.18	< 0.18	< 0.18	< 0.18	< 0.92	< 1.8	< 1.8
Ethylbenzene	10	7.2	11	6.9	4.7	5.3	5.7	2.6	7.6	ND	4.4	2.3	1.9	11	17	16	6.5
m&p-Xylene	41	32	79	41	25	9.9	45	9.1	47	1.6	27	9.6	8.4	14	91	65	27
o-Xylene	14	10	31	15	8.9	9.9	45	3.2	47	ND	8.7	3.5	3.3	3.4	25	20	12
Styrene	-	3.8	4	2.8	3.3	4.3	-	1.4	-	2.2	4.7	2	1.5	14	40	9.8	4.7
Bromoform	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.66	< 0.66	< 0.66	< 0.66	< 6.2	< 12	< 12
1,1,2,2-Tetrachloroethane	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.43	< 0.43	< 0.43	< 0.43	< 1.4	< 2.7	< 2.7
Benzyl Chloride	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.22	< 0.22	< 0.22	< 0.22	< 1.0	< 2.1	< 2.1
4-Ethyltoluene	-	3.5	13	7.3	4.1	5.5	-	1.6	-	ND	6.4	0.89	1.1	1.4	10	< 2.0	6.4
1,3,5-Trimethylbenzene	-	3.8	14	9.2	5.2	7.2	-	1.7	-	ND	8.3	1.1	1.2	1.2	8.8	11	3.5
1,2,4-Trimethylbenzene	-	16	39	30	16	20	-	3.1	-	ND	29	3.5	3.4	3.6	34	30	13
1,3-Dichlorobenzene	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.36	< 0.36	< 0.36	< 0.36	< 1.2	< 2.4	< 2.4
1,4-Dichlorobenzene	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.55	< 0.55	< 0.55	< 0.55	< 1.2	< 2.4	< 2.4
1,2-Dichlorobenzene	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.66	< 0.66	< 0.66	< 0.66	< 1.2	< 2.4	< 2.4
1,2,4-Trichlorobenzene	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 1.1	< 1.1	< 1.1	< 1.1	< 4.7	< 9.3	< 9.3
Hexachloro-1,3-butadiene	-	ND	ND	ND	ND	ND	-	ND	-	ND	< 0.84	< 0.84	< 0.84	< 0.84	< 6.7	< 13	< 13
TPH (GC/MS) Low Fraction	24000	-	-	-	-	-	-	-	-	-	-	-	-	-	780	1600	620
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.63	< 1.3	< 1.3
tert-butyl alcohol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3	4.5	2.5
2-Chlorotoluene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 1.0	< 2.1	< 2.1
1,4-Dioxane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.72	6.8	< 1.4
Ethanol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	380	51
Trichlorofluoromethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	< 2.2	< 2.2
1,1,2-Trichlorofluoroethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 1.5	< 3.1	< 3.1
Isopropylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	< 2.0	< 2.0
Methyl Butyl Ketone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 5.1	< 10	< 10
Methyl methacrylate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.82	< 1.6	< 1.6
Napthalene	-	-	-	-	-												

Name/Address	40 West 200 South			
Collection Date	7/9/2008	8/7/2008	9/4/2008	3/23/2009
Sample Type	Indoor	Indoor	Indoor	Indoor
Notes	Living Room Floor	Living Room Floor	Living Room Floor	Living room floor
Units	ug/m3	ug/m3	ug/m3	ug/m3
Volatile Organics				
1,2-Dichlorotetrafluoroethane	-	-	-	-
Dichlorodifluoromethane	3.4	3.4	4.7	3.4
Chloromethane	0.96	1.9	2	1.2
Freon 114	ND	ND	ND	< 0.71
Vinyl Chloride	ND	ND	ND	< 0.24
1,3-Butadiene	ND	ND	ND	< 0.43
Bromomethane	ND	ND	ND	< 0.47
Chloroethane	ND	ND	ND	< 0.36
Freon 11	4.9	4.7	5.8	2.7
cis-1,2-Dichloroethene	ND	ND	ND	< 0.73
Carbon disulfide	ND	ND	ND	< 0.51
Freon 113	ND	ND	ND	< 0.55
Acetone	36	56	66	42
Methylene Chloride	ND	1.5	1.9	0.55
trans-1,2-Dichloroethene	ND	ND	ND	< 0.79
1,1-Dichloroethene	ND	ND	ND	< 1.3
MTBE	ND	ND	ND	< 0.58
Vinyl Acetate	ND	ND	ND	< 0.51
1,1-Dichloroethane	ND	ND	ND	< 0.44
2-Butanone (MEK)	10	32	34	59
Ethyl Acetate	ND	2.1	ND	< 1.1
n-Hexane	ND	1.4	2.6	1.5
Chloroform	ND	ND	ND	< 0.50
1,1,1-Trichloroethane	ND	ND	ND	< 0.41
Carbon tetrachloride	ND	ND	ND	< 0.46
Benzene	ND	ND	1.6	0.69
Tetrahydrofuran	4.9	16	11	7.6
1,2-Dichloroethane	ND	ND	ND	< 0.54
Cyclohexane	ND	ND	2.2	2.7
Trichloroethylene/Trichloroethene	ND	ND	ND	< 0.32
1,2-Dichloropropane	ND	ND	ND	< 0.45
Bromodichloromethane	ND	ND	ND	< 0.35
Heptane	2.2	7.4	8.4	19
cis-1,3-Dichloropropene	ND	ND	ND	< 0.36
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	< 0.17
Toluene	36	93	75	160
trans-1,3-Dichloropropene	ND	ND	ND	< 0.43
1,1,2-Trichloroethane	ND	ND	ND	< 0.47
Tetrachloroethylene/Tetrachloroethene	ND	ND	ND	< 0.62
2-Hexanone	ND	ND	ND	< 0.28
Dibromochloromethane	ND	ND	ND	< 0.52
1,2-Dibromoethane	ND	ND	ND	< 0.50
Chlorobenzene	ND	ND	ND	< 0.18
Ethylbenzene	2.3	ND	1.4	< 0.38
m&p-Xylene	3.6	ND	3.6	1.8
o-Xylene	ND	ND	1.5	< 0.30
Styrene	2.7	3.7	5.5	1.7
Bromoform	ND	ND	ND	< 0.66
1,1,2,2-Tetrachloroethane	ND	ND	ND	< 0.43
Benzyl Chloride	ND	ND	ND	< 0.22
4-Ethyltoluene	ND	ND	ND	2
1,3,5-Trimethylbenzene	ND	ND	ND	2.7
1,2,4-Trimethylbenzene	1.5	ND	1.7	9.1
1,3-Dichlorobenzene	ND	ND	ND	< 0.36
1,4-Dichlorobenzene	ND	ND	ND	< 0.55
1,2-Dichlorobenzene	ND	ND	ND	< 0.66
1,2,4-Trichlorobenzene	ND	ND	ND	< 1.1
Hexachloro-1,3-butadiene	ND	ND	ND	< 0.84
TPH (GC/MS) Low Fraction	-	-	-	-
Allyl chloride	-	-	-	-
tert-butyl alcohol	-	-	-	-
2-Chlorotoluene	-	-	-	-
1,4-Dioxane	-	-	-	-
Ethanol	-	-	-	-
Trichlorofluoromethane	-	-	-	-
1,1,2-Trichlorofluoroethane	-	-	-	-
Isopropylbenzene	-	-	-	-
Methyl Butyl Ketone	-	-	-	-
Methyl methacrylate	-	-	-	-
Napthalene	-	-	-	-
2-Propanol	-	-	-	-
Propene	-	-	-	-
2,2,4-Trimethylpentane	-	-	-	-
Vinyl Bromide	-	-	-	-

Name/Address	50 West 100 South	50 West 100 South	50 West 100 South
Collection Date	11/14/2007	1/7/2008	3/23/2009
Sample Type	Indoor	Indoor	Indoor
Notes	Bedroom		Living Room Floor
Units	ug/m3	ug/m3	ug/m3
Volatile Organics			
1,2-Dichlorotetrafluoroethane	-	-	-
Dichlorodifluoromethane	3.5	3.1	2.5
Chloromethane	1.3	ND	1.4
Freon 114	ND	ND	< 0.71
Vinyl Chloride	ND	ND	< 0.24
1,3-Butadiene	ND	ND	< 0.43
Bromomethane	ND	ND	< 0.47
Chloroethane	ND	ND	< 0.36
Freon 11	2	1.4	1.6
cis-1,2-Dichloroethene	ND	ND	< 0.73
Carbon disulfide	0.56	ND	< 0.51
Freon 113	0.91	ND	< 0.55
Acetone	ND	100	140
Methylene Chloride	4.1	2.3	< 0.49
trans-1,2-Dichloroethene	ND	ND	< 0.79
1,1-Dichloroethene	ND	ND	< 1.3
MTBE	ND	ND	< 0.58
Vinyl Acetate	ND	ND	< 0.51
1,1-Dichloroethane	ND	ND	< 0.44
2-Butanone (MEK)	3.1	2.7	2
Ethyl Acetate	ND	15	17
n-Hexane	54	ND	< 0.45
Chloroform	ND	ND	< 0.50
1,1,1-Trichloroethane	ND	ND	< 0.41
Carbon tetrachloride	ND	ND	< 0.46
Benzene	1.4	0.96	0.6
Tetrahydrofuran	ND	ND	< 0.33
1,2-Dichloroethane	ND	ND	< 0.54
Cyclohexane	9.8	ND	< 0.58
Trichloroethylene/Trichloroethene	ND	ND	5
1,2-Dichloropropane	ND	ND	< 0.45
Bromodichloromethane	ND	ND	< 0.35
Heptane	13	ND	< 0.43
cis-1,3-Dichloropropene	ND	ND	< 0.36
4-Methyl-2-pentanone (MIBK)	ND	ND	< 0.17
Toluene	7.2	4.8	5.5
trans-1,3-Dichloropropene	ND	ND	< 0.43
1,1,2-Trichloroethane	ND	ND	< 0.47
Tetrachloroethylene/Tetrachloroethene	ND	ND	< 0.62
2-Hexanone	ND	ND	< 0.28
Dibromochloromethane	ND	ND	< 0.52
1,2-Dibromoethane	ND	ND	< 0.50
Chlorobenzene	ND	ND	< 0.18
Ethylbenzene	ND	ND	< 0.38
m&p-Xylene	2.9	ND	< 0.74
o-Xylene	1.1	ND	< 0.30
Styrene	0.74	ND	< 0.44
Bromoform	ND	ND	< 0.66
1,1,2,2-Tetrachloroethane	ND	ND	< 0.43
Benzyl Chloride	ND	ND	< 0.22
4-Ethyltoluene	ND	ND	< 0.29
1,3,5-Trimethylbenzene	ND	ND	< 0.26
1,2,4-Trimethylbenzene	0.59	ND	< 0.39
1,3-Dichlorobenzene	ND	ND	< 0.36
1,4-Dichlorobenzene	ND	ND	< 0.55
1,2-Dichlorobenzene	ND	ND	< 0.66
1,2,4-Trichlorobenzene	ND	ND	< 1.1
Hexachloro-1,3-butadiene	ND	ND	< 0.84
TPH (GC/MS) Low Fraction	830	-	-
Allyl chloride	-	-	-
tert-butyl alcohol	-	-	-
2-Chlorotoluene	-	-	-
1,4-Dioxane	-	-	-
Ethanol	-	-	-
Trichlorofluoromethane	-	-	-
1,1,2-Trichlorofluoroethane	-	-	-
Isopropylbenzene	-	-	-
Methyl Butyl Ketone	-	-	-
Methyl methacrylate	-	-	-
Napthalene	-	-	-
2-Propanol	-	-	-
Propene	-	-	-
2,2,4-Trimethylpentane	-	-	-
Vinyl Bromide	-	-	-

Name/Address	Jensen Drug 77 South Main	Jensen Drug 77 South Main	Jensen Drug 77 South Main	Jensen Drug 77 South Main	Jensen Drug 77 South Main	Jensen Drug 77 South Main
Collection Date	12/3/2007	7/15/2008	8/11/2008	9/17/2008	3/23/2009	6/9/2009
Sample Type	Indoor	Indoor	Indoor	Indoor	Indoor	Near-slab
Notes		On Floor in Front of Counter	On Floor in Front of Counter	On Floor in Front of Counter	Near Counter	Crawl space in basement
Units	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Volatile Organics						
1,2-Dichlorotetrafluoroethane		-	-	-		< 2.8
Dichlorodifluoromethane	11	37	25	30	16	3.1
Chloromethane	ND	2.6	3.2	2.9	2.6	1.1
Freon 114	ND	ND	ND	ND	< 0.71	-
Vinyl Chloride	ND	ND	ND	ND	< 0.24	< 1.0
1,3-Butadiene	ND	ND	ND	ND	< 0.43	< 8.9
Bromomethane	ND	ND	ND	ND	< 0.47	< 1.6
Chloroethane	ND	1.3	1	ND	< 0.36	< 1.1
Freon 11	2.8	9.7	5.2	6.5	2.4	-
cis-1,2-Dichloroethene	ND	ND	ND	ND	< 0.73	< 1.6
Carbon disulfide	ND	ND	2.3	ND	< 0.51	1.9
Freon 113	ND	ND	ND	ND	< 0.55	-
Acetone	440	260	190	210	160	67
Methylene Chloride	1.7	3.6	19	3.6	1.6	3.8
trans-1,2-Dichloroethene	ND	ND	ND	ND	< 0.79	< 1.6
1,1-Dichloroethene	ND	ND	ND	ND	< 1.3	< 1.6
MTBE	ND	ND	ND	ND	< 0.58	< 1.4
Vinyl Acetate	ND	ND	ND	ND	< 0.51	< 1.4
1,1-Dichloroethane	ND	ND	ND	ND	< 0.44	< 1.6
2-Butanone (MEK)	3.3	5.3	10	9	1.9	< 7.4
Ethyl Acetate	13	34	51	46	18	-
n-Hexane	1.7	2.6	3.7	ND	35	< 4.4
Chloroform	ND	ND	ND	ND	< 0.50	< 1.9
1,1,1-Trichloroethane	ND	ND	ND	ND	< 0.41	< 2.2
Carbon tetrachloride	ND	2.3	ND	ND	< 0.46	< 2.5
Benzene	1.3	4.1	4.9	12	1.8	1.3
Tetrahydrofuran	ND	1	3.9	ND	< 0.33	< 1.2
1,2-Dichloroethane	15	170	82	130	23	< 1.6
Cyclohexane	1.2	2.5	2.2	2.3	< 0.58	2.2
Trichloroethylene/Trichloroethene	ND	ND	ND	ND	< 0.32	< 2.1
1,2-Dichloropropane	ND	ND	ND	ND	< 0.45	< 1.8
Bromodichloromethane	ND	ND	ND	ND	< 0.35	< 2.7
Heptane	2.1	5.8	ND	7.5	20	1.9
cis-1,3-Dichloropropene	ND	ND	ND	ND	< 0.36	< 1.8
4-Methyl-2-pentanone (MIBK)	ND	2.5	ND	3	< 0.17	< 10
Toluene	4.5	6.7	15	22	7.3	3.2
trans-1,3-Dichloropropene	ND	ND	ND	ND	< 0.43	< 1.8
1,1,2-Trichloroethane	ND	ND	ND	ND	< 0.47	< 2.2
Tetrachloroethylene/Tetrachloroethene	2.5	8.6	5.8	7.4	4.7	< 2.7
2-Hexanone	ND	2.7	ND	ND	< 0.28	-
Dibromochloromethane	ND	ND	ND	ND	< 0.52	< 3.4
1,2-Dibromoethane	ND	ND	ND	ND	< 0.50	< 3.1
Chlorobenzene	ND	ND	ND	ND	< 0.18	< 1.8
Ethylbenzene	ND	2.3	3.1	5.6	0.48	2.2
m&p-Xylene	2.2	1.9	5.9	7.6	1.4	4.3
o-Xylene	0.79		2	2.5	0.54	< 1.7
Styrene	2.2	6.7	7.4	5.9	0.76	< 1.7
Bromoform	ND	ND	ND	ND	< 0.66	< 12
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	< 0.43	< 2.7
Benzyl Chloride	ND	ND	ND	ND	< 0.22	< 2.1
4-Ethyltoluene	ND	ND	ND	ND	0.64	< 2.0
1,3,5-Trimethylbenzene	ND	ND	ND	ND	0.63	< 2.0
1,2,4-Trimethylbenzene	0.77	2.1	2.1	2.2	1.6	2.1
1,3-Dichlorobenzene	ND	ND	ND	ND	< 0.36	< 2.4
1,4-Dichlorobenzene	ND	ND	ND	ND	< 0.55	< 2.4
1,2-Dichlorobenzene	ND	ND	ND	ND	< 0.66	< 2.4
1,2,4-Trichlorobenzene	ND	ND	ND	ND	< 1.1	< 9.3
Hexachloro-1,3-butadiene	ND	ND	ND	ND	< 0.84	< 13
TPH (GC/MS) Low Fraction	-	-	-	-	-	< 410
Allyl chloride	-	-	-	-	-	< 1.3
tert-butyl alcohol	-	-	-	-	-	1.3
2-Chlorotoluene	-	-	-	-	-	< 2.1
1,4-Dioxane	-	-	-	-	-	< 1.4
Ethanol	-	-	-	-	-	55
Trichlorofluoromethane	-	-	-	-	-	< 2.2
1,1,2-Trichlorofluoroethane	-	-	-	-	-	< 3.1
Isopropylbenzene	-	-	-	-	-	< 2.0
Methyl Butyl Ketone	-	-	-	-	-	< 10
Methyl methacrylate	-	-	-	-	-	< 1.6
Napthalene	-	-	-	-	-	< 2.1
2-Propanol	-	-	-	-	-	39
Propene	-	-	-	-	-	< 1.4
2,2,4-Trimethylpentane	-	-	-	-	-	2.8
Vinyl Bromide	-	-	-	-	-	< 1.7

Name/Address	Gunnison Barber Shop 76 South Main				
Collection Date	7/15/2008	7/30/2008	8/11/2008	9/17/2008	3/26/2009
Sample Type	Indoor	Indoor	Indoor	Indoor	Indoor
Notes	On Floor in SE Corner	Shop floor, SE corner			
Units	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Volatile Organics					
1,2-Dichlorotetrafluoroethane	-	-	-	-	-
Dichlorodifluoromethane	2.9	2.2	2.7	ND	2.9
Chloromethane	0.9	0.91	1.5	1	1.3
Freon 114	ND	ND	ND	ND	< 0.71
Vinyl Chloride	ND	ND	ND	ND	< 0.24
1,3-Butadiene	ND	ND	ND	ND	< 0.43
Bromomethane	ND	ND	ND	ND	< 0.47
Chloroethane	ND	ND	ND	ND	< 0.36
Freon 11	ND	ND	ND	ND	1.6
cis-1,2-Dichloroethene	ND	ND	ND	ND	< 0.73
Carbon disulfide	ND	ND	ND	ND	< 0.51
Freon 113	ND	ND	ND	ND	0.89
Acetone	100	67	130	12	30
Methylene Chloride	ND	7.1	4.4	ND	1.1
trans-1,2-Dichloroethene	ND	ND	ND	ND	< 0.79
1,1-Dichloroethene	ND	ND	ND	ND	< 1.3
MTBE	ND	ND	ND	ND	< 0.58
Vinyl Acetate	ND	ND	ND	ND	< 0.51
1,1-Dichloroethane	ND	ND	ND	ND	< 0.44
2-Butanone (MEK)	4.4	6.2	12	4.8	2.7
Ethyl Acetate	1.8	ND	3.8	ND	< 1.1
n-Hexane	50	ND	2.2	48	0.82
Chloroform	ND	ND	ND	ND	< 0.50
1,1,1-Trichloroethane	ND	ND	ND	ND	< 0.41
Carbon tetrachloride	ND	ND	ND	ND	0.68
Benzene	61	2.2	1.5	13	0.8
Tetrahydrofuran	1.3	ND	5.8	ND	< 0.33
1,2-Dichloroethane	ND	ND	ND	ND	< 0.54
Cyclohexane	26	3.8	2.6	26	< 0.58
Trichloroethylene/Trichloroethene	ND	ND	ND	ND	< 0.32
1,2-Dichloropropane	ND	ND	ND	ND	< 0.45
Bromodichloromethane	ND	ND	ND	ND	< 0.35
Heptane	56	2.9	1.9	39	0.44
cis-1,3-Dichloropropene	ND	ND	ND	ND	< 0.36
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	< 0.17
Toluene	460	56	11	82	4.3
trans-1,3-Dichloropropene	ND	ND	ND	ND	< 0.43
1,1,2-Trichloroethane	ND	ND	ND	ND	< 0.47
Tetrachloroethylene/Tetrachloroethene	17	6.5	5.9	ND	0.9
2-Hexanone	ND	ND	ND	ND	< 0.28
Dibromochloromethane	ND	ND	ND	ND	< 0.52
1,2-Dibromoethane	ND	ND	ND	ND	< 0.50
Chlorobenzene	ND	ND	ND	ND	< 0.18
Ethylbenzene	54	18	3.6	19	0.47
m&p-Xylene	120	140	26	150	1.2
o-Xylene		58	12	82	0.52
Styrene	ND	1.1	1.4	ND	< 0.44
Bromoform	ND	ND	ND	ND	< 0.66
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	< 0.43
Benzyl Chloride	ND	ND	ND	ND	< 0.22
4-Ethyltoluene	21	12	3.2	29	< 0.29
1,3,5-Trimethylbenzene	30	24	6.7	41	< 0.26
1,2,4-Trimethylbenzene	83	68	19	92	0.51
1,3-Dichlorobenzene	ND	ND	ND	ND	< 0.36
1,4-Dichlorobenzene	ND	ND	ND	ND	< 0.55
1,2-Dichlorobenzene	ND	ND	ND	ND	< 0.66
1,2,4-Trichlorobenzene	ND	ND	ND	ND	< 1.1
Hexachloro-1,3-butadiene	ND	ND	ND	ND	< 0.84
TPH (GC/MS) Low Fraction	-	-	-	-	-
Allyl chloride	-	-	-	-	-
tert-butyl alcohol	-	-	-	-	-
2-Chlorotoluene	-	-	-	-	-
1,4-Dioxane	-	-	-	-	-
Ethanol	-	-	-	-	-
Trichlorofluoromethane	-	-	-	-	-
1,1,2-Trichlorofluoroethane	-	-	-	-	-
Isopropylbenzene	-	-	-	-	-
Methyl Butyl Ketone	-	-	-	-	-
Methyl methacrylate	-	-	-	-	-
Napthalene	-	-	-	-	-
2-Propanol	-	-	-	-	-
Propene	-	-	-	-	-
2,2,4-Trimethylpentane	-	-	-	-	-
Vinyl Bromide	-	-	-	-	-

Name/Address	Home Town Café (Malt Shop) 30 South Main	Home Town Café 50 South Main	Home Town Apartment 50 South Main	Home Town Apartment 50 South Main	Home Town Café 50 South Main	Home Town Café 50 South Main
Collection Date	9/18/2007	9/18/2007	11/20/2007	11/20/2007	3/26/2009	6/10/2009
Sample Type	Indoor	Indoor	Indoor	Indoor	Indoor	Sub-slab
Notes		Basement		Basement	Basement, bottom of stairs near doorways	Basement, east side
Units	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Volatile Organics						
1,2-Dichlorotetrafluoroethane	-	-	-	-	-	< 5.6
Dichlorodifluoromethane	7.1	4.2	3.4	3.2	3.2	4.7
Chloromethane	1.4	1.3	0.97	1	1.3	< 1.7
Freon 114	ND	ND	ND	ND	< 0.71	-
Vinyl Chloride	ND	ND	ND	ND	< 0.24	< 2.0
1,3-Butadiene	4.7	6.8	ND	ND	< 0.43	< 18
Bromomethane	ND	ND	ND	ND	< 0.47	< 3.1
Chloroethane	ND	ND	ND	ND	< 0.36	< 2.1
Freon 11	ND	2.5	1.3	1.5	2	-
cis-1,2-Dichloroethene	ND	ND	ND	ND	< 0.73	< 3.2
Carbon disulfide	ND	ND	ND	3.4	< 0.51	< 2.5
Freon 113	ND	ND	ND	ND	0.87	-
Acetone	330	ND	16	8.8	17	120
Methylene Chloride	1.2	3.3	ND	0.72	1.5	< 2.8
trans-1,2-Dichloroethene	ND	ND	ND	ND	< 0.79	< 3.2
1,1-Dichloroethene	ND	ND	ND	ND	< 1.3	< 3.2
MTBE	ND	ND	ND	ND	< 0.58	< 2.9
Vinyl Acetate	ND	ND	ND	ND	< 0.51	< 2.8
1,1-Dichloroethane	ND	ND	ND	ND	< 0.44	< 3.2
2-Butanone (MEK)	3.5	3.5	1.4	ND	1.7	< 15
Ethyl Acetate	3.2	1	ND	ND	< 1.1	-
n-Hexane	5	24	1.7	8.3	0.71	< 8.9
Chloroform	ND	0.97	ND	ND	2	< 3.9
1,1,1-Trichloroethane	ND	ND	ND	ND	< 0.41	< 4.4
Carbon tetrachloride	ND	ND	ND	ND	0.74	< 5.0
Benzene	11	8.1	1.2	1.2	0.74	< 2.6
Tetrahydrofuran	14	16	ND	ND	< 0.33	< 2.4
1,2-Dichloroethane	ND	ND	ND	ND	< 0.54	< 3.2
Cyclohexane	3.5	13	ND	2.1	< 0.58	< 2.8
Trichloroethylene/Trichloroethene	ND	ND	ND	ND	< 0.32	< 4.3
1,2-Dichloropropane	ND	ND	ND	ND	< 0.45	< 3.7
Bromodichloromethane	ND	ND	ND	ND	< 0.35	< 5.4
Heptane	10	4.8	0.67	1.5	0.7	< 3.3
cis-1,3-Dichloropropene	ND	ND	ND	ND	< 0.36	< 3.6
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	< 0.17	< 20
Toluene	140	36	3.7	3.7	3.7	< 3.0
trans-1,3-Dichloropropene	ND	ND	ND	ND	< 0.43	< 3.6
1,1,2-Trichloroethane	ND	ND	ND	ND	< 0.47	< 4.4
Tetrachloroethylene/Tetrachloroethene	ND	ND	ND	ND	< 0.62	< 5.4
2-Hexanone	ND	ND	ND	ND	< 0.28	-
Dibromochloromethane	ND	ND	ND	ND	< 0.52	< 6.8
1,2-Dibromoethane	ND	ND	ND	ND	< 0.50	< 6.2
Chlorobenzene	ND	ND	ND	ND	< 0.18	< 3.7
Ethylbenzene	1.2	1.4	ND	ND	< 0.38	< 3.5
m&p-Xylene	4.3	5.2	2	0.67	1.5	< 6.9
o-Xylene	1.5	1.8	0.54		< 0.30	< 3.5
Styrene	1	1	ND	ND	< 0.44	< 3.4
Bromoform	ND	ND	ND	ND	< 0.66	< 25
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	< 0.43	< 5.5
Benzyl Chloride	ND	ND	ND	ND	< 0.22	< 4.2
4-Ethyltoluene	2.3	1.1	ND	ND	< 0.29	< 3.9
1,3,5-Trimethylbenzene	2	1.2	ND	ND	< 0.26	< 3.9
1,2,4-Trimethylbenzene	3.7	2.5	0.67	ND	0.99	< 3.9
1,3-Dichlorobenzene	ND	ND	ND	ND	< 0.36	< 4.8
1,4-Dichlorobenzene	2	3.4	1.8	0.79	1	< 4.8
1,2-Dichlorobenzene	ND	ND	ND	ND	< 0.66	< 4.8
1,2,4-Trichlorobenzene	ND	ND	ND	ND	< 1.1	< 19
Hexachloro-1,3-butadiene	ND	ND	ND	ND	< 0.84	< 27
TPH (GC/MS) Low Fraction	380	180	37	130	-	< 830
Allyl chloride	-	-	-	-	-	< 2.5
tert-butyl alcohol	-	-	-	-	-	< 2.4
2-Chlorotoluene	-	-	-	-	-	< 4.1
1,4-Dioxane	-	-	-	-	-	< 2.9
Ethanol	-	-	-	-	-	49
Trichlorofluoromethane	-	-	-	-	-	< 4.5
1,1,2-Trichlorofluoroethane	-	-	-	-	-	< 6.1
Isopropylbenzene	-	-	-	-	-	< 3.9
Methyl Butyl Ketone	-	-	-	-	-	< 20
Methyl methacrylate	-	-	-	-	-	< 3.3
Napthalene	-	-	-	-	-	< 4.2
2-Propanol	-	-	-	-	-	640
Propene	-	-	-	-	-	< 2.8
2,2,4-Trimethylpentane	-	-	-	-	-	< 3.7
Vinyl Bromide	-	-	-	-	-	< 3.5

Name/Address	White Hills Trading Co. 74 South Main						
Collection Date	9/6/2007	11/20/2007	7/15/2008	7/31/2008	8/11/2008	9/17/2008	3/26/2009
Sample Type	Indoor						
Notes			On Floor in Store	NW corner of main store area			
Units	ug/m3						
Volatile Organics							
1,2-Dichlorotetrafluoroethane	-	-	-	-	-	-	-
Dichlorodifluoromethane	2.7	2.5	3.3	2.3	2.9	2.3	2.7
Chloromethane	1.6	1.3	2.8	1.8	1.9	1.4	1.2
Freon 114	ND	ND	ND	ND	ND	ND	< 0.71
Vinyl Chloride	ND	ND	ND	ND	ND	ND	< 0.24
1,3-Butadiene	ND	ND	ND	ND	ND	ND	< 0.43
Bromomethane	ND	ND	ND	ND	ND	ND	< 0.47
Chloroethane	ND	ND	ND	ND	ND	ND	< 0.36
Freon 11	1.8	1.1	6.7	4.1	5	3.2	1.5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	< 0.73
Carbon disulfide	0.56	ND	ND	ND	ND	ND	< 0.51
Freon 113	ND	ND	ND	ND	ND	ND	< 0.55
Acetone	30	8.1	58	61	34	8.9	14
Methylene Chloride	0.93	ND	ND	3.9	1.7	ND	0.55
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	< 0.79
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	< 1.3
MTBE	ND	ND	ND	ND	ND	ND	< 0.58
Vinyl Acetate	ND	ND	ND	ND	ND	ND	< 0.51
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	< 0.44
2-Butanone (MEK)	0.64	ND	ND	38	4.1	ND	1.1
Ethyl Acetate	3.1	ND	ND	ND	ND	4.2	< 1.1
n-Hexane	3.4	0.68	41	ND	1.4	2	0.66
Chloroform	ND	ND	ND	ND	ND	ND	< 0.50
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	< 0.41
Carbon tetrachloride	ND	ND	ND	ND	ND	ND	0.73
Benzene	1.3	0.41	45	ND	ND	1.2	0.53
Tetrahydrofuran	ND	ND	ND	26	ND	ND	< 0.33
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	< 0.54
Cyclohexane	ND	ND	18	ND	ND	ND	< 0.58
Trichloroethylene/Trichloroethene	ND	ND	ND	ND	ND	ND	< 0.32
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	< 0.45
Bromodichloromethane	ND	ND	ND	ND	ND	ND	< 0.35
Heptane	0.85	ND	33	ND	ND	ND	< 0.43
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	< 0.36
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	ND	ND	< 0.17
Toluene	4.1	1.1	340	4.8	4.4	4.8	0.92
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	< 0.43
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	< 0.47
Tetrachloroethylene/Tetrachloroethene	ND	ND	ND	ND	ND	ND	< 0.62
2-Hexanone	ND	ND	ND	ND	ND	ND	< 0.28
Dibromochloromethane	ND	ND	ND	ND	ND	ND	< 0.52
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	< 0.50
Chlorobenzene	ND	ND	ND	ND	ND	ND	< 0.18
Ethylbenzene	ND	ND	40	ND	ND	2.9	< 0.38
m&p-Xylene	1.6	ND	300	3.9	ND	7	< 0.74
o-Xylene	0.66	ND	74	1.6	ND	3.4	< 0.30
Styrene	0.97	ND	1.6	1.3	ND	1.1	< 0.44
Bromoform	ND	ND	ND	ND	ND	ND	< 0.66
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	< 0.43
Benzyl Chloride	ND	ND	ND	ND	ND	ND	< 0.22
4-Ethyltoluene	ND	ND	14	ND	ND	ND	< 0.29
1,3,5-Trimethylbenzene	ND	ND	19	ND	ND	ND	< 0.26
1,2,4-Trimethylbenzene	0.88	ND	53	1.9	1.2	ND	< 0.39
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	< 0.36
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	< 0.55
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	< 0.66
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	< 1.1
Hexachloro-1,3-butadiene	ND	ND	ND	ND	ND	ND	< 0.84
TPH (GC/MS) Low Fraction	-	7.5	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-
tert-butyl alcohol	-	-	-	-	-	-	-
2-Chlorotoluene	-	-	-	-	-	-	-
1,4-Dioxane	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-
Trichlorofluoromethane	-	-	-	-	-	-	-
1,1,2-Trichlorofluoroethane	-	-	-	-	-	-	-
Isopropylbenzene	-	-	-	-	-	-	-
Methyl Butyl Ketone	-	-	-	-	-	-	-
Methyl methacrylate	-	-	-	-	-	-	-
Napthalene	-	-	-	-	-	-	-
2-Propanol	-	-	-	-	-	-	-
Propene	-	-	-	-	-	-	-
2,2,4-Trimethylpentane	-	-	-	-	-	-	-
Vinyl Bromide	-	-	-	-	-	-	-

Name/Address	State Farm Insurance 28 South Main				
Collection Date	9/18/2007	7/15/2008	8/11/2008	9/17/2008	3/26/2009
Sample Type	Indoor	Indoor	Indoor	Indoor	Indoor
Notes		On Desk in Office	On Desk in Office	On Desk in Office	Desk in SW corner of main area
Units	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Volatile Organics					
1,2-Dichlorotetrafluoroethane	-	-	-	-	-
Dichlorodifluoromethane	3.5	3.1	2.8	2.5	2.7
Chloromethane	1.5	1.2	1.8	1.2	1.2
Freon 114	ND	ND	ND	ND	< 0.71
Vinyl Chloride	ND	ND	ND	ND	< 0.24
1,3-Butadiene	ND	ND	ND	ND	< 0.43
Bromomethane	ND	ND	ND	ND	< 0.47
Chloroethane	ND	ND	ND	ND	< 0.36
Freon 11	1.9	2.7	ND	ND	1.6
cis-1,2-Dichloroethene	ND	ND	ND	ND	< 0.73
Carbon disulfide	ND	ND	ND	ND	< 0.51
Freon 113	ND	ND	ND	ND	0.82
Acetone	43	77	47	3.8	13
Methylene Chloride	1.1	1.2	1.2	ND	0.67
trans-1,2-Dichloroethene	ND	ND	ND	ND	< 0.79
1,1-Dichloroethene	ND	ND	ND	ND	< 1.3
MTBE	ND	ND	ND	ND	< 0.58
Vinyl Acetate	ND	ND	ND	ND	< 0.51
1,1-Dichloroethane	ND	ND	ND	ND	< 0.44
2-Butanone (MEK)	4.8	2.9	4.1	1.8	1
Ethyl Acetate	ND	1.1	ND	5.1	< 1.1
n-Hexane	1.4	1.1	2.7	ND	0.59
Chloroform	ND	ND	ND	ND	< 0.50
1,1,1-Trichloroethane	ND	ND	ND	ND	< 0.41
Carbon tetrachloride	ND	2	ND	ND	0.72
Benzene	1.5	1.6	1.7	1.1	0.78
Tetrahydrofuran	6.7	1.3	2.3	ND	< 0.33
1,2-Dichloroethane	ND	ND	ND	ND	< 0.54
Cyclohexane	ND	ND	ND	ND	< 0.58
Trichloroethylene/Trichloroethene	ND	ND	ND	ND	< 0.32
1,2-Dichloropropane	ND	ND	ND	ND	< 0.45
Bromodichloromethane	ND	ND	ND	ND	< 0.35
Heptane	5.5	3.5	4.2	3.1	1.5
cis-1,3-Dichloropropene	ND	ND	ND	ND	< 0.36
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	< 0.17
Toluene	6	5.3	5.9	5.4	1.3
trans-1,3-Dichloropropene	ND	ND	ND	ND	< 0.43
1,1,2-Trichloroethane	ND	ND	ND	ND	< 0.47
Tetrachloroethylene/Tetrachloroethene	ND	ND	ND	ND	< 0.62
2-Hexanone	ND	ND	ND	ND	< 0.28
Dibromochloromethane	ND	ND	ND	ND	< 0.52
1,2-Dibromoethane	ND	ND	ND	ND	< 0.50
Chlorobenzene	ND	ND	ND	ND	< 0.18
Ethylbenzene	0.83	ND	ND	ND	< 0.38
m&p-Xylene	3.4	4.2	2.6	ND	0.74
o-Xylene	1.3	1.6	ND	ND	< 0.30
Styrene	0.69	ND	ND	ND	< 0.44
Bromoform	ND	ND	ND	ND	< 0.66
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	< 0.43
Benzyl Chloride	ND	ND	ND	ND	< 0.22
4-Ethyltoluene	0.97	ND	ND	ND	< 0.29
1,3,5-Trimethylbenzene	1.1	ND	ND	ND	< 0.26
1,2,4-Trimethylbenzene	3.5	1.8	1.2	ND	< 0.39
1,3-Dichlorobenzene	ND	ND	ND	ND	< 0.36
1,4-Dichlorobenzene	ND	ND	ND	ND	< 0.55
1,2-Dichlorobenzene	ND	ND	ND	ND	< 0.66
1,2,4-Trichlorobenzene	ND	ND	ND	ND	< 1.1
Hexachloro-1,3-butadiene	ND	ND	ND	ND	< 0.84
TPH (GC/MS) Low Fraction	77	-	-	-	-
Allyl chloride	-	-	-	-	-
tert-butyl alcohol	-	-	-	-	-
2-Chlorotoluene	-	-	-	-	-
1,4,-Dioxane	-	-	-	-	-
Ethanol	-	-	-	-	-
Trichlorofluoromethane	-	-	-	-	-
1,1,2-Trichlorofluoroethane	-	-	-	-	-
Isopropylbenzene	-	-	-	-	-
Methyl Butyl Ketone	-	-	-	-	-
Methyl methacrylate	-	-	-	-	-
Napthalene	-	-	-	-	-
2-Propanol	-	-	-	-	-
Propene	-	-	-	-	-
2,2,4-Trimethylpentane	-	-	-	-	-
Vinyl Bromide	-	-	-	-	-

Name/Address	Gunnison Valley Bank 10 South Main						
Collection Date	10/23/2007	10/26/2007	1/7/2008	7/15/2008	8/11/2008	9/17/2008	3/26/2009
Sample Type	Indoor						
Notes	Rear Storage	Unoccupied Basement	Unoccupied Basement	Upper Level	Upper Level	Upper Level	Upper Level floor, next to stairs
Units	ug/m3						
Volatile Organics							
1,2-Dichlorotetrafluoroethane	-	-	-	-	-	-	-
Dichlorodifluoromethane	4.1	3.1	2.9	2.9	2.9	2.3	2.7
Chloromethane	1.1	0.77	ND	0.88	1.5	1.2	< 0.29
Freon 114	2	ND	ND	ND	ND	ND	< 0.71
Vinyl Chloride	ND	ND	ND	ND	ND	ND	< 0.24
1,3-Butadiene	ND	ND	ND	ND	ND	ND	< 0.43
Bromomethane	ND	ND	ND	ND	ND	ND	< 0.47
Chloroethane	ND	ND	ND	ND	ND	ND	< 0.36
Freon 11	1.4	1.3	1.3	ND	ND	ND	1.6
cis-1,2-Dichloroethene	0.57	1.1	ND	ND	ND	ND	< 0.73
Carbon disulfide	ND	ND	0.55	2.8	ND	ND	< 0.51
Freon 113	1.8	1.2	1.5	ND	3.7	2.9	2.2
Acetone	ND	ND	17	29	30	28	9
Methylene Chloride	ND	ND	1.1	ND	2.6	ND	0.84
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	< 0.79
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	< 1.3
MTBE	ND	ND	ND	ND	ND	ND	< 0.58
Vinyl Acetate	ND	ND	ND	1.5	ND	ND	< 0.51
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	< 0.44
2-Butanone (MEK)	ND	ND	ND	ND	ND	1.1	2
Ethyl Acetate	ND	ND	ND	1.5	ND	ND	< 1.1
n-Hexane	190	300	25	ND	1.6	1	< 0.45
Chloroform	ND	ND	ND	ND	ND	ND	< 0.50
1,1,1-Trichloroethane	0.97	ND	0.62	ND	ND	ND	< 0.41
Carbon tetrachloride	ND	ND	ND	ND	ND	ND	0.73
Benzene	5.6	8.8	1.9	ND	1.1	ND	0.73
Tetrahydrofuran	ND	ND	ND	ND	ND	ND	< 0.33
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	< 0.54
Cyclohexane	34	55	5.3	ND	ND	ND	< 0.58
Trichloroethylene/Trichloroethene	ND	ND	ND	ND	ND	ND	< 0.32
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	< 0.45
Bromodichloromethane	ND	ND	ND	ND	ND	ND	< 0.35
Heptane	25	36	2.6	ND	ND	ND	< 0.43
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	< 0.36
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	ND	ND	< 0.17
Toluene	9.9	11	4.5	4.1	5.3	4.5	1.3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	< 0.43
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	< 0.47
Tetrachloroethylene/Tetrachloroethene	ND	1.1	ND	ND	ND	ND	< 0.62
2-Hexanone	ND	ND	ND	ND	ND	ND	< 0.28
Dibromochloromethane	ND	ND	ND	ND	ND	ND	< 0.52
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	< 0.50
Chlorobenzene	ND	ND	ND	ND	ND	ND	< 0.18
Ethylbenzene	0.69	0.84	ND	ND	ND	ND	< 0.38
m&p-Xylene	6.5	9.2	2.1	ND	2.9	2.4	1
o-Xylene	3.9	4.9	0.65	ND	ND	ND	< 0.30
Styrene	0.49	ND	ND	ND	ND	ND	< 0.44
Bromoform	ND	ND	ND	ND	ND	ND	< 0.66
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	< 0.43
Benzyl Chloride	ND	ND	ND	ND	ND	ND	< 0.22
4-Ethyltoluene	1.1	ND	ND	ND	ND	ND	< 0.29
1,3,5-Trimethylbenzene	1.5	0.99	ND	ND	ND	ND	< 0.26
1,2,4-Trimethylbenzene	3.4	0.91	0.59	1.7	1.4	ND	< 0.39
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	< 0.36
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	< 0.55
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	< 0.66
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	< 1.1
Hexachloro-1,3-butadiene	ND	ND	ND	ND	ND	ND	< 0.84
TPH (GC/MS) Low Fraction	-	3700	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-
tert-butyl alcohol	-	-	-	-	-	-	-
2-Chlorotoluene	-	-	-	-	-	-	-
1,4-Dioxane	-	-	-	-	-	-	-
Ethanol	-	-	-	-	-	-	-
Trichlorofluoromethane	-	-	-	-	-	-	-
1,1,2-Trichlorofluoroethane	-	-	-	-	-	-	-
Isopropylbenzene	-	-	-	-	-	-	-
Methyl Butyl Ketone	-	-	-	-	-	-	-
Methyl methacrylate	-	-	-	-	-	-	-
Napthalene	-	-	-	-	-	-	-
2-Propanol	-	-	-	-	-	-	-
Propene	-	-	-	-	-	-	-
2,2,4-Trimethylpentane	-	-	-	-	-	-	-
Vinyl Bromide	-	-	-	-	-	-	-

Name/Address	Nails N Hair 65 South Main			
Collection Date	7/15/2008	8/11/2008	9/17/2008	3/26/2009
Sample Type	Indoor	Indoor	Indoor	Indoor
Notes	On Table in Shop	On Table in Shop	On Table in Shop	Front tabletop, near doorway
Units	ug/m3	ug/m3	ug/m3	ug/m3
Volatile Organics				
1,2-Dichlorotetrafluoroethane	-	-	-	-
Dichlorodifluoromethane	2.9	2.5	2.4	2.7
Chloromethane	1.2	2	1.8	1.4
Freon 114	ND	ND	ND	< 0.71
Vinyl Chloride	ND	ND	ND	< 0.24
1,3-Butadiene	ND	ND	ND	< 0.43
Bromomethane	ND	ND	ND	< 0.47
Chloroethane	ND	ND	ND	< 0.36
Freon 11	4.9	4.2	2.9	2.5
cis-1,2-Dichloroethene	ND	ND	ND	< 0.73
Carbon disulfide	ND	ND	ND	< 0.51
Freon 113	ND	ND	ND	0.83
Acetone	560	710	240	250
Methylene Chloride	ND	2.6	1.6	0.67
trans-1,2-Dichloroethene	ND	ND	ND	< 0.79
1,1-Dichloroethene	ND	ND	ND	< 1.3
MTBE	ND	ND	ND	<0.58
Vinyl Acetate	ND	ND	ND	< 0.51
1,1-Dichloroethane	ND	ND	ND	< 0.44
2-Butanone (MEK)	210	620	180	110
Ethyl Acetate	1000	390	320	440
n-Hexane	ND	ND	ND	< 0.45
Chloroform	ND	ND	ND	< 0.50
1,1,1-Trichloroethane	ND	ND	ND	< 0.41
Carbon tetrachloride	ND	ND	ND	0.7
Benzene	ND	1.5	ND	0.82
Tetrahydrofuran	1.6	2.7	ND	< 0.33
1,2-Dichloroethane	ND	ND	ND	< 0.54
Cyclohexane	ND	ND	ND	< 0.58
Trichloroethylene/Trichloroethene	ND	ND	ND	<0.32
1,2-Dichloropropane	ND	ND	ND	< 0.45
Bromodichloromethane	ND	ND	ND	< 0.35
Heptane	ND	ND	ND	< 0.43
cis-1,3-Dichloropropene	ND	ND	ND	< 0.36
4-Methyl-2-pentanone (MIBK)	1.1	1.4	1.1	< 0.17
Toluene	72	56	40	22
trans-1,3-Dichloropropene	ND	ND	ND	< 0.43
1,1,2-Trichloroethane	ND	ND	ND	< 0.47
Tetrachloroethylene/Tetrachloroethene	6	5.4	4.2	2
2-Hexanone	500	ND	ND	< 0.28
Dibromochloromethane	ND	ND	ND	< 0.52
1,2-Dibromoethane	ND	ND	ND	< 0.50
Chlorobenzene	ND	ND	ND	< 0.18
Ethylbenzene	ND	1.3	ND	< 0.38
m&p-Xylene	3.7	2.9	ND	0.96
o-Xylene	2.3	1.3	ND	< 0.30
Styrene	ND	ND	ND	< 0.44
Bromoform	ND	ND	ND	< 0.66
1,1,2,2-Tetrachloroethane	ND	ND	ND	< 0.43
Benzyl Chloride	ND	ND	ND	< 0.22
4-Ethyltoluene	ND	ND	ND	< 0.29
1,3,5-Trimethylbenzene	ND	ND	ND	< 0.26
1,2,4-Trimethylbenzene	17	3.5	3.4	< 0.39
1,3-Dichlorobenzene	ND	ND	ND	< 0.36
1,4-Dichlorobenzene	ND	ND	ND	< 0.55
1,2-Dichlorobenzene	ND	ND	ND	< 0.66
1,2,4-Trichlorobenzene	ND	ND	ND	< 1.1
Hexachloro-1,3-butadiene	ND	ND	ND	< 0.84
TPH (GC/MS) Low Fraction	-	-	-	-
Allyl chloride	-	-	-	-
tert-butyl alcohol	-	-	-	-
2-Chlorotoluene	-	-	-	-
1,4,-Dioxane	-	-	-	-
Ethanol	-	-	-	-
Trichlorofluoromethane	-	-	-	-
1,1,2-Trichlorofluoroethane	-	-	-	-
Isopropylbenzene	-	-	-	-
Methyl Butyl Ketone	-	-	-	-
Methyl methacrylate	-	-	-	-
Napthalene	-	-	-	-
2-Propanol	-	-	-	-
Propene	-	-	-	-
2,2,4-Trimethylpentane	-	-	-	-
Vinyl Bromide	-	-	-	-

Name/Address	Gunnison Telephone 29 South Main	Gunnison Telephone 29 South Main				
Collection Date	9/6/2007	7/15/2008	8/11/2008	9/17/2008	3/26/2009	5/5/2009
Sample Type	Indoor	Indoor	Indoor	Indoor	Indoor	Sub-slab
Notes	On Floor in Office	Countertop behind reception desk (NE corner)	Northwest corner of building			
Units	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Volatile Organics						
1,2-Dichlorotetrafluoroethane	-	-	-	-	-	< 2.8
Dichlorodifluoromethane	2.7	2.8	2.6	ND	2.7	< 2.0
Chloromethane	1.7	1.2	1.6	ND	1.6	< 0.83
Freon 114	ND	ND	ND	ND	< 0.71	-
Vinyl Chloride	ND	ND	ND	ND	< 0.24	< 1.0
1,3-Butadiene	ND	ND	ND	ND	< 0.43	< 8.9
Bromomethane	ND	ND	ND	ND	< 0.47	< 1.6
Chloroethane	ND	ND	ND	ND	< 0.36	< 1.1
Freon 11	20	10	7.8	4.4	4.3	-
cis-1,2-Dichloroethene	ND	ND	ND	ND	< 0.73	< 1.6
Carbon disulfide	ND	ND	ND	ND	< 0.51	< 1.2
Freon 113	ND	ND	ND	ND	0.8	-
Acetone	26	21	18	11	11	45
Methylene Chloride	1.4	1.8	2.1	ND	1.3	< 1.4
trans-1,2-Dichloroethene	ND	ND	ND	ND	< 0.79	< 1.6
1,1-Dichloroethene	ND	ND	ND	ND	< 1.3	< 1.6
MTBE	ND	ND	ND	ND	< 0.58	< 1.4
Vinyl Acetate	ND	ND	ND	ND	< 0.51	< 1.4
1,1-Dichloroethane	ND	ND	ND	ND	< 0.44	< 1.6
2-Butanone (MEK)	ND	ND	3	ND	0.89	< 7.4
Ethyl Acetate	ND	ND	ND	ND	< 1.1	-
n-Hexane	8.3	1.5	2.4	1.3	3.4	< 4.4
Chloroform	ND	ND	ND	ND	< 0.50	< 1.9
1,1,1-Trichloroethane	ND	ND	ND	ND	0.8	2.9
Carbon tetrachloride	ND	ND	ND	ND	0.75	< 2.5
Benzene	1.8	ND	ND	ND	0.82	1.8
Tetrahydrofuran	ND	ND	ND	ND	< 0.33	< 1.2
1,2-Dichloroethane	ND	ND	ND	ND	< 0.54	< 1.6
Cyclohexane	ND	ND	ND	ND	< 0.58	< 1.4
Trichloroethylene/Trichloroethene	ND	ND	ND	3.8	< 0.32	< 2.1
1,2-Dichloropropane	ND	ND	ND	ND	< 0.45	< 1.8
Bromodichloromethane	ND	ND	ND	ND	< 0.35	< 2.7
Heptane	1.6	ND	ND	ND	< 0.43	< 1.6
cis-1,3-Dichloropropene	ND	ND	ND	ND	< 0.36	< 1.8
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	< 0.17	< 10
Toluene	4.8	1.9	2.5	ND	2.8	2.6
trans-1,3-Dichloropropene	ND	ND	ND	ND	< 0.43	< 1.8
1,1,2-Trichloroethane	ND	ND	ND	ND	< 0.47	< 2.2
Tetrachloroethylene/Tetrachloroethene	ND	ND	ND	5.3	< 0.62	< 2.7
2-Hexanone	ND	ND	ND	ND	< 0.28	-
Dibromochloromethane	ND	ND	ND	ND	< 0.52	< 3.4
1,2-Dibromoethane	ND	ND	ND	ND	< 0.50	< 3.1
Chlorobenzene	ND	ND	ND	ND	< 0.18	< 1.8
Ethylbenzene	0.73	ND	ND	ND	< 0.38	< 1.7
m&p-Xylene	2.6	ND	ND	ND	1	< 3.5
o-Xylene	0.86	ND	ND	ND	< 0.30	< 1.7
Styrene	0.53	ND	ND	ND	< 0.44	< 1.7
Bromoform	ND	ND	ND	ND	< 0.66	< 12
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	< 0.43	< 2.7
Benzyl Chloride	ND	ND	ND	ND	< 0.22	< 2.1
4-Ethyltoluene	ND	ND	ND	ND	< 0.29	< 2.0
1,3,5-Trimethylbenzene	ND	ND	ND	ND	< 0.26	< 2.0
1,2,4-Trimethylbenzene	0.68	ND	ND	ND	< 0.39	< 2.0
1,3-Dichlorobenzene	ND	ND	ND	ND	< 0.36	< 2.4
1,4-Dichlorobenzene	ND	ND	ND	ND	< 0.55	< 2.4
1,2-Dichlorobenzene	ND	ND	ND	ND	< 0.66	< 2.4
1,2,4-Trichlorobenzene	ND	ND	ND	ND	< 1.1	< 9.3
Hexachloro-1,3-butadiene	ND	ND	ND	ND	< 0.84	< 13
TPH (GC/MS) Low Fraction	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	< 1.3
tert-butyl alcohol	-	-	-	-	-	1.6
2-Chlorotoluene	-	-	-	-	-	< 2.1
1,4-Dioxane	-	-	-	-	-	< 1.4
Ethanol	-	-	-	-	-	60
Trichlorofluoromethane	-	-	-	-	-	2.5
1,1,2-Trichlorofluoroethane	-	-	-	-	-	< 3.1
Isopropylbenzene	-	-	-	-	-	< 2.0
Methyl Butyl Ketone	-	-	-	-	-	< 10
Methyl methacrylate	-	-	-	-	-	< 1.6
Napthalene	-	-	-	-	-	< 2.1
2-Propanol	-	-	-	-	-	130
Propene	-	-	-	-	-	< 1.4
2,2,4-Trimethylpentane	-	-	-	-	-	< 1.9
Vinyl Bromide	-	-	-	-	-	< 1.7

Name/Address	Body Barn 62 South Main	Body Barn 62 South Main	Body Barn 62 South Main	Body Barn 62 South Main	Body Barn 62 South Main	Body Barn 62 South Main				
Collection Date	9/18/2007	7/15/2008	8/11/2008	9/17/2008	3/26/2009	4/16/2009	6/9/2009	4/29/2009	6/9/2009	6/9/2009
Sample Type	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Sub-slab	Sub-slab	Sub-slab
Notes	On Floor by North Wall	Corner behind equip. on North wall	Along North wall; midway in building	Along North wall; midway in building	Northeast corner of back workout area	Northeast corner of back workout area	Northeast corner of back workout area			
Units	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Volatile Organics										
1,2-Dichlorotetrafluoroethane	-	-	-	-	-	-	-	<2.8	<5.6	<5.6
Dichlorodifluoromethane	3.1	2.8	2.7	2.3	2.7	2.2	2.1	2.6	<4.0	<4.0
Chloromethane	1.2	0.95	1.3	1.1	1.4	1.3	1.1	0.83	<1.7	<1.7
Freon 114	ND	ND	ND	ND	<0.71	<0.71	<0.71	-	-	-
Vinyl Chloride	ND	ND	ND	ND	<0.24	<0.24	<0.24	<1.0	<2.0	<2.0
1,3-Butadiene	ND	ND	ND	ND	<0.43	<0.43	<0.43	<8.9	<18	<18
Bromomethane	ND	ND	ND	ND	<0.47	<0.47	<0.47	<1.6	<3.1	<3.1
Chloroethane	ND	ND	ND	ND	<0.36	<0.36	<0.36	<1.1	<2.1	<2.1
Freon 11	ND	ND	ND	ND	1.5	1.1	1.1	-	-	-
cis-1,2-Dichloroethene	1	ND	ND	ND	<0.73	<0.73	<0.73	<1.6	<3.2	<3.2
Carbon disulfide	0.61	ND	ND	ND	0.53	0.7	<0.51	2.6	<2.5	<2.5
Freon 113	ND	ND	ND	ND	0.88	<0.55	<0.55	-	-	-
Acetone	ND	17	15	9.5	5.2	<0.73	37	260	22	22
Methylene Chloride	ND	ND	1.7	ND	2.9	2.5	2.2	2.7	<2.8	<2.8
trans-1,2-Dichloroethene	ND	ND	ND	ND	<0.79	<0.79	<0.79	<1.6	<3.2	<3.2
1,1-Dichloroethene	ND	ND	ND	ND	<1.3	<1.3	<1.3	<1.6	<3.2	<3.2
MTBE	ND	ND	ND	ND	<0.58	<0.58	<0.58	<1.4	<2.9	<2.9
Vinyl Acetate	ND	ND	ND	ND	<0.51	<0.51	<0.51	<1.4	<2.8	<2.8
1,1-Dichloroethane	ND	ND	ND	ND	<0.44	<0.44	<0.44	<1.6	<3.2	<3.2
2-Butanone (MEK)	15	ND	2.8	ND	2.3	<0.40	3.1	56	<15	<15
Ethyl Acetate	ND	ND	ND	ND	<1.1	<1.1	<1.1	-	-	-
n-Hexane	31	ND	1.2	ND	20	56	12	9.5	<8.9	<8.9
Chloroform	ND	ND	ND	ND	<0.50	<0.50	<0.50	2	<3.9	<3.9
1,1,1-Trichloroethane	ND	ND	ND	ND	<0.41	<0.41	<0.41	<2.2	<4.4	<4.4
Carbon tetrachloride	ND	ND	ND	ND	<0.46	<0.46	<0.46	<2.5	<5.0	<5.0
Benzene	4.1	ND	1.4	ND	14	43	12	22	5.7	5.7
Tetrahydrofuran	10	ND	2.6	ND	<0.33	<0.33	<0.33	17	<2.4	<2.4
1,2-Dichloroethane	ND	ND	ND	ND	<0.54	<0.54	<0.54	<1.6	<3.2	<3.2
Cyclohexane	21	ND	ND	ND	3.4	<0.58	<0.58	6.5	3	3
Trichloroethylene/Trichloroethene	2.1	ND	ND	ND	<0.32	<0.32	<0.32	<2.1	<4.3	<4.3
1,2-Dichloropropane	ND	ND	ND	ND	<0.45	<0.45	<0.45	<1.8	<3.7	<3.7
Bromodichloromethane	ND	ND	ND	ND	<0.35	<0.35	<0.35	<2.7	<5.4	<5.4
Heptane	2.6	ND	ND	ND	5.5	19	4.2	4.9	<3.3	<3.3
cis-1,3-Dichloropropene	ND	ND	ND	ND	<0.36	<0.36	<0.36	<1.8	<3.6	<3.6
4-Methyl-2-pentanone (MIBK)	ND	1.4	ND	ND	10	28	24	61	82	82
Toluene	13	2.3	2.6	1.6	63	190	67	35	11	11
trans-1,3-Dichloropropene	ND	ND	ND	ND	<0.43	<0.43	<0.43	<1.8	<3.6	<3.6
1,1,2-Trichloroethane	ND	ND	ND	ND	<0.47	<0.47	<0.47	<2.2	<4.4	<4.4
Tetrachloroethylene/Tetrachloroethene	0.79	ND	ND	ND	17	19	2.3	12	10	10
2-Hexanone	ND	ND	ND	ND	<0.28	<0.28	<0.28	-	-	-
Dibromochloromethane	ND	ND	ND	ND	<0.52	<0.52	<0.52	<3.4	<6.8	<6.8
1,2-Dibromoethane	ND	ND	ND	ND	<0.50	<0.50	<0.50	<3.1	<6.2	<6.2
Chlorobenzene	ND	ND	ND	ND	<0.18	<0.18	<0.18	<1.8	<3.7	<3.7
Ethylbenzene	1.8	ND	ND	ND	5.2	24	3	4.3	4.3	4.3
m&p-Xylene	8.2	4.7	8.7	3.7	66	210	69	160	380	380
o-Xylene	3	ND	ND	ND	9.5	30	5.7	6.5	<3.5	<3.5
Styrene	0.58	ND	ND	ND	0.5	<0.44	<0.44	<1.7	4.1	4.1
Bromoform	ND	ND	ND	ND	<0.66	<0.66	<0.66	<12	<25	<25
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	<0.43	<0.43	<0.43	<2.7	<5.5	<5.5
Benzyl Chloride	ND	ND	ND	ND	<0.22	<0.22	<0.22	<2.1	<4.2	<4.2
4-Ethyltoluene	0.92	ND	ND	ND	2.6	6.8	1	<2.0	<3.9	<3.9
1,3,5-Trimethylbenzene	1.9	ND	ND	ND	2.6	5.9	1.1	3	<3.9	<3.9
1,2,4-Trimethylbenzene	4.1	ND	ND	ND	8.9	24	4.6	7.9	<3.9	<3.9
1,3-Dichlorobenzene	ND	ND	ND	ND	<0.36	<0.36	<0.36	<2.4	<4.8	<4.8
1,4-Dichlorobenzene	0.86	ND	ND	ND	<0.55	<0.55	<0.55	<2.4	<4.8	<4.8
1,2-Dichlorobenzene	ND	ND	ND	ND	<0.66	<0.66	<0.66	<2.4	<4.8	<4.8
1,2,4-Trichlorobenzene	ND	ND	ND	ND	<1.1	<1.1	<1.1	<9.3	<19	<19
Hexachloro-1,3-butadiene	ND	ND	ND	ND	<0.84	<0.84	<0.84	<13	<27	<27
TPH (GC/MS) Low Fraction	3300	-	-	-	-	-	-	-	950	950
Allyl chloride	-	-	-	-	-	-	-	<1.3	<2.5	<2.5
tert-butyl alcohol	-	-	-	-	-	-	-	<1.2	2.7	2.7
2-Chlorotoluene	-	-	-	-	-	-	-	<2.1	<4.1	<4.1
1,4-Dioxane	-	-	-	-	-	-	-	<1.4	<2.9	<2.9
Ethanol	-	-	-	-	-	-	-	68	30	30
Trichlorofluoromethane	-	-	-	-	-	-	-	<2.2	<4.5	<4.5
1,1,2-Trichlorofluoroethane	-	-	-	-	-	-	-	<3.1	<6.1	<6.1
Isopropylbenzene	-	-	-	-	-	-	-	<2.0	<3.9	<3.9
Methyl Butyl Ketone	-	-	-	-	-	-	-	<10	<20	<20
Methyl methacrylate	-	-	-	-	-	-	-	<1.6	<3.3	<3.3
Napthalene	-	-	-	-	-	-	-	3.5	<4.2	<4.2
2-Propanol	-	-	-	-	-	-	-	220	110	110
Propene	-	-	-	-	-	-	-	<1.4	<2.8	<2.8
2,2,4-Trimethylpentane	-	-	-	-	-	-	-	2.3	<3.7	<3.7
Vinyl Bromide	-	-	-	-	-	-	-	<1.7	<3.5	<3.5