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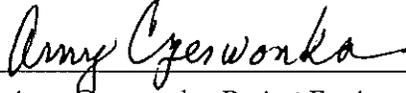
**Phase II Subsurface Investigation**

# Riverfront Revitalization Project Ferry Street and Green Street Properties Middletown, Connecticut

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Prepared for **Mr. William Warner**  
**Department of Planning, Conservation & Development**  
**City of Middletown**  
**245 deKoven Drive**  
**Middletown, Connecticut 06457**

Prepared by **VHB/Vanasse Hangen Brustlin, Inc.**  
**Transportation, Land Development, Environmental Services**  
**54 Tuttle Place**  
**Middletown, Connecticut 06457**

Project Manager   
Amy Czerwonka, Project Environmental Scientist

Senior  
Technical Review   
Michael Libertine, LEP, Director-Environmental Services, CT



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## 1

## Introduction

At the request of the City of Middletown (City), Vanasse Hangen Brustlin, Inc. (VHB) has completed a Phase II Subsurface Investigation at eight City-owned properties along Ferry Street and Green Street in Middletown, Connecticut (referred to herein as the "Site"). This report was prepared for the City and is subject to the terms and conditions of the Agreement between the City and VHB, as well as the Limitations provided in Appendix A.

The Site consists of eight separate parcels of land occupying three contiguous city blocks in a highly urbanized section of Middletown. Ferry Street and Green Street are one-way streets traveled from west to east. The Site is abutted to the east by deKoven Drive. Railroad tracks, Route 9, and the Connecticut River lie farther to the east beyond deKoven Drive. The Site is bounded to the west by commercial properties along Main Street including a gas station and auto repair facility, to the north by residential and commercial properties along Rapallo Avenue, and to the south by residential and commercial properties along Alsop Avenue and Washington Avenue. The topography in the vicinity of the Site slopes moderately to the east towards the Connecticut River. Municipal sewer and water services are available at the Site.

The following information was obtained from current City of Middletown Assessor's cards for the Site properties.

| Assessors Designation |       |     | Address                      | Current Owner      | Zoning | Lot Size (Acres) | Improvements                               | Construction Date |
|-----------------------|-------|-----|------------------------------|--------------------|--------|------------------|--|-------------------|
| Map                   | Block | Lot |                              |                    |        |                  |  |                   |
| 22                    | 17-36 | 21  | 60 Green Street              | City of Middletown | B-1    | 0.1              | 4,000 sq. ft. asphalt parking lot          | 1987              |
| 22                    | 17-36 | 12B | DeKoven Drive & Green Street | City of Middletown | B-1    | 0.45             | Undeveloped                                | NA                |
| 22                    | 17-37 | 12  | Green Street                 | City of Middletown | B-1    | 0.13             | 4,500 sq. ft. asphalt parking lot          | 1988              |
| 22                    | 17-37 | 16  | 35 Green Street              | City of Middletown | B-1    | 0.09             | (former) 780 sq. ft. two-story residence** | 1900              |
| 22                    | 17-37 | 21  | 21 Green Street              | City of Middletown | B-1    | 0.15             | Vacant land                                |                   |



| Assessors Designation |       |         | Address                      | Current Owner      | Zoning | Lot Size (Acres) | Improvements                                      | Construction Date |
|-----------------------|-------|---------|------------------------------|--------------------|--------|------------------|---|-------------------|
| Map                   | Block | Lot     |                              |                    |        |                  |   |                   |
| 22                    | 17-37 | 22      | Green Street & deKoven Drive | City of Middletown | B-1    | 0.28             | Community playground                              | 1987              |
| 22                    | 17-37 | 39 - 40 | 74 Ferry Street              | City of Middletown | B-1    | 0.15             | 6,000 sq. ft. asphalt parking lot                 | 1987              |
| 22                    | 17-37 | 38      | 68 Ferry Street              | City of Middletown | B-1    | 0.28             | 10,000 sq. ft. asphalt parking lot                | 1987              |
| 22                    | 17-37 | 33      | 56 Ferry Street              | City of Middletown | B-1    | 0.28             | (former) 1,708 sq. ft. single-story Restaurant ** | 1910              |
| 22                    | 17-37 | 32      | 44 Ferry Street              | City of Middletown | B-1    | 0.24             | (former) 1,770 sq. ft. two-story residence **     | Unknown           |
| 22                    | 17-37 | 28      | 30 Ferry Street              | City of Middletown | B-1    | 0.15             | 6,500 sq. ft. asphalt parking lot                 | 1987              |
| 22                    | 17-37 | 27      | 28 Ferry Street              | City of Middletown | B-1    | 0.24             | 10,000 sq. ft. asphalt parking lot                | 1987              |

\*\* These parcels are currently vacant land with the exception of Lot 32, which is currently Ferry Street Community Garden.

VHB completed a Phase I Environmental Site Assessment (PESA) in February 2005 for 44 properties along Ferry Street and Green Street, including the Site parcels. The following is a brief description of "suspect" areas of concern identified for the Site parcels during the conduct of the PESA, which are summarized in the following table:

**Areas of Environmental Concern Identified by VHB**

| AOC ID | AOC Description | Location        | Rationale   |
|--------|-----------------|-----------------|---|
| 1      | Former UST Area | 44 Ferry Street | A CTDEP spill report indicated that an undocumented amount of fuel oil was released at this property during demolition/excavation activities in July 1999. The cause of the release is stated as container failure; "building demolition may have broken fuel oil tanks open". This spill incident is considered "closed" by the Connecticut Department of Environmental Protection (CTDEP). No information regarding clean up activities or the removal of any impacted media was observed in CTDEP files. |



**Areas of Environmental Concern Identified by VHB (cont.)**

| AOC ID | AOC Description | Location   | Rationale  |
|--------|-----------------|--|--|
| 2      | UST Area        | 54 Ferry Street  | A ground penetrating radar survey conducted at this property in October 2003 by PAYNE Environmental, LLC (PAYNE) identified three USTs. Two of the USTs were estimated to have capacities of 100 to 275 gallons and were located along the south side of the on-site bakery building. The other UST was estimated to have a capacity of 500 to 1000 gallons and was located adjacent to the east side of the bakery. Fire Marshal records indicate a 1,000-gallon UST was removed from this property in October 2004. According to the Fire Marshal's notes, no visual evidence of penetrations to the tank or soil contamination within the excavated area was observed. Reportedly, confirmatory soil sampling was conducted after removal of the UST. No analytical results for the soil samples were observed in the file. One UST is currently in use at this property. The status of the "third" UST is unknown. |
| 3      | Former Land Use | 68-70 Ferry Street   | Listed in the 1950 City directory as being occupied by "Hillside Welding". Specific operations are unknown. This property is also listed in the 1955 City directory as being occupied by "Star Laundry". It is unknown whether dry cleaning activities were conducted at the Star Laundry. No information regarding waste generation and disposal were observed in CTDEP files.  |
| 4      | Former UST Area | Green Street/Main Street Parking Lots<br><br>This description applies to both 60 Green Street and 57-59 Green Street, which are both City-owned parking lots at the intersection of Green Street and Main Street | Fire Marshal records indicate a 1,000-gallon UST was excavated by Dunn Brothers Demolition in 1988 while preparing the lot for paving. The UST was reportedly abandoned on the property since 1961, when the former on-site residence was demolished. According to the report, approximately 140 gallons of oil were pumped from the UST. The report stated that the UST and associated contaminated soil were removed by the City of Middletown Public Works Department. A spill report on file at the CTDEP for the same incident indicates that approximately 7 to 10 gallons of fuel oil were released to the environment from this UST. According to the spill report, no corrective actions or cleanup was conducted. No information regarding the removal of impacted soils or confirmatory soil sampling was observed in CTDEP/municipal files reviewed.   |
| 5      | Former Land Use | 17-19 Green Street<br>Community<br>Playground  | According to historical documentation, this property was occupied by a "Macaroni/ Cigar Factory". Information regarding specific operations and waste management practices at this factory were not found in CTDEP/municipal the files reviewed.   |
| 6      | Former Land Use | 26-28 Ferry Street   | According to historical documentation, three auto storage garages were located on the north side of this property, raising a potential for historic releases of petroleum products.  |



**Areas of Environmental Concern Identified by VHB (cont.)**

| AOC ID | AOC Description                        | Location                                      | Rationale   |
|--------|--|---|---|
| 7      | Possible existence of ASTs and/or USTs | Ferry Street/Green Street Revitalization Area | Vent and fill pipes were observed protruding from most of the on-site structures indicating the existence of several ASTs/USTs. At the time of the Phase I ESA, VHB was not granted access to properties not owned by the City, and therefore, could not fully evaluate these conditions.   |
| 8      | Possible Groundwater Contamination     | Ferry Street/Green Street Revitalization Area | During our Phase I Investigation, several properties within one-eighth of a mile and up-gradient of the Site were identified as having registered USTs and leaking underground storage tanks (LUSTs). In addition, several documented spills and RCRA hazardous waste generators were also identified. Due to their up-gradient locations and close proximity to the Site, releases from these properties have the potential to impact local groundwater. |

Based on the findings of the PESA, the subsurface investigation focused on screening soil and groundwater on the City-owned parcels in an effort to evaluate potential impacts due to current and historical land uses at and in the vicinity of the Site. During this investigation, thirteen soil borings were advanced, soil samples were field screened, and select soil samples were collected for laboratory analysis. In addition, eight temporary groundwater monitoring wells were installed and groundwater samples were collected for laboratory analysis.

At the time of this investigation, VHB was unable to physically access the property at 44 Ferry Street for intrusive sampling. Snow banks approximately three feet high created by snow plowing surrounding parking lots prevented vehicular access to this property.

## Remediation Standard Regulations

Soil analytical results subsequently discussed in this report have been compared to the Connecticut Department of Environmental Protection (CTDEP) Remediation Standard Regulations (RSRs), CGS Section 22a-133k. The RSRs define the standard applicable to the site dependent on the groundwater classification (mapped by CTDEP) and uses of the property.

Groundwater below and near the Site is classified by the CTDEP as GB. The GB classification indicates groundwater within a historically highly urbanized area or an area of intense industrial activity and where public water supply service is available. Such groundwater may not be suitable for human consumption without treatment due to waste discharges, spills or leaks of chemicals or land use impacts. Based on area topography, groundwater is presumed to flow in an easterly direction on the Site.

Based on a review of relevant Site data, CTDEP Residential Direct Exposure Criteria (RES DEC), Industrial/Commercial DEC (I/C DEC), and Pollutant Mobility Criteria for GB areas (GB PMC) apply to the Site's soil. RES DEC applies to soil at the Site since the RSRs require,



whenever feasible, a reduction in residual soil contaminant concentrations to levels that pose no significant human health risk (residential standards).

For groundwater at the Site, the Groundwater Protection Criteria (GWPC), the Surface Water Protection Criteria (SWPC), Residential Volatilization Criteria (RES VC), and Industrial/Commercial Volatilization Criteria (I/C VC) apply to the Site.



# 2

## Data Collection and Analysis

On February 3<sup>rd</sup> and 7<sup>th</sup>, 2005, VHB monitored the advancement of thirteen soil borings in various locations at the Site. The boring locations were selected by VHB in order to identify potential soil and groundwater impacts from current and historical land uses at the Site and to evaluate potential impacts to groundwater beneath the Site from off-site sources. The borings were advanced by Columbia Environmental Drilling of Columbia, Connecticut using a truck-mounted Geoprobe™ drill rig. During the investigation, VHB recorded soil characteristics, performed soil screening, and collected soil samples for laboratory analysis. Eight of the borings were completed as temporary groundwater monitoring wells.

Contaminants of concern (COC) were identified based on findings of the PESA including observations made during the field reconnaissance, historic site operations, known storage of petroleum products and documented spills/releases at and in the vicinity of the Site.

Samples collected during this investigation were analyzed for extractable petroleum hydrocarbons (ETPH) and volatile organic compounds (VOCs). In addition, select samples were analyzed for polynuclear aromatic hydrocarbons (PAHs) and RCRA 8 metals.

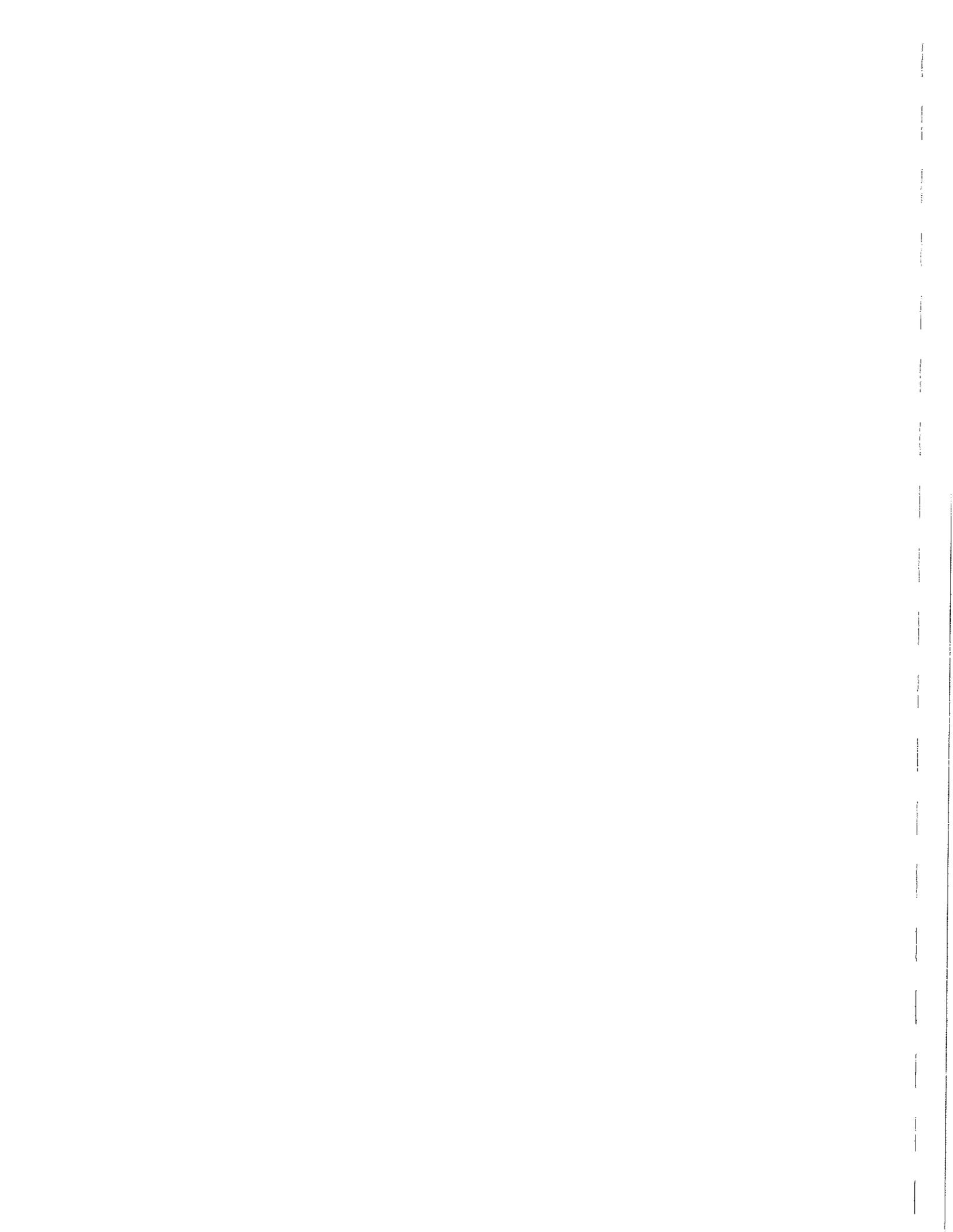
Initial analytical results for metals were based on mass analysis reported as milligrams per kilogram (mg/kg). These results are used for comparison to the RES DEC and I/C DEC, but are not directly comparable to the GB PMC. As a preliminary evaluation of a metal constituent's leachable potential, the RSRs allow the application of a twenty-percent dilution factor to mass analysis results to determine if concentrations have the potential to mathematically exceed the GB PCM.

Based on this methodology, select metal concentrations were determined to exceed the GB PCM. Therefore, VHB requested a soil sample exhibiting the highest average concentrations for these metals be analyzed via the Synthetic Precipitation Leaching Procedure (SPLP). Results of SPLP metals are reported in mg/L and are directly comparable to the GB PMC.

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### Soil Boring Advancement and Sample Collection

Soil samples were collected utilizing a Geoprobe™ direct-push sampler fitted with four-foot macro core sampling liners to depths ranging from ground surface to 22 feet below grade (bg).



These samples were examined for visual/olfactory evidence of oil/chemicals. No olfactory evidence of gross contamination was detected during boring activities. Urban soils characterized the subsurface environment. Fill material including wood, asphalt, and concrete were observed during boring activities at several of the Site properties. In addition, several areas of black staining were also noted.

Soils were also field screened for the presence of VOCs using a photo ionization detector (PID). Samples were screened using a standard methodology for the jar headspace analytical screening procedure, which measures total VOCs. No significant PID measurements were recorded in any of the soil samples screened.

Select soil samples were collected from each of the borings, preserved on ice and delivered to Con-Test Analytical Laboratories of East Longmeadow Massachusetts for laboratory analysis. All soil samples were analyzed for the presence of VOCs via EPA Method 8260 and ETPH using the CTDEP approved method. Select samples also analyzed for PAHs via EPA method 8270 and RCRA 8 metals.

The following is a summary of the soil boring advancement activities conducted by VHB at each of the Site properties.

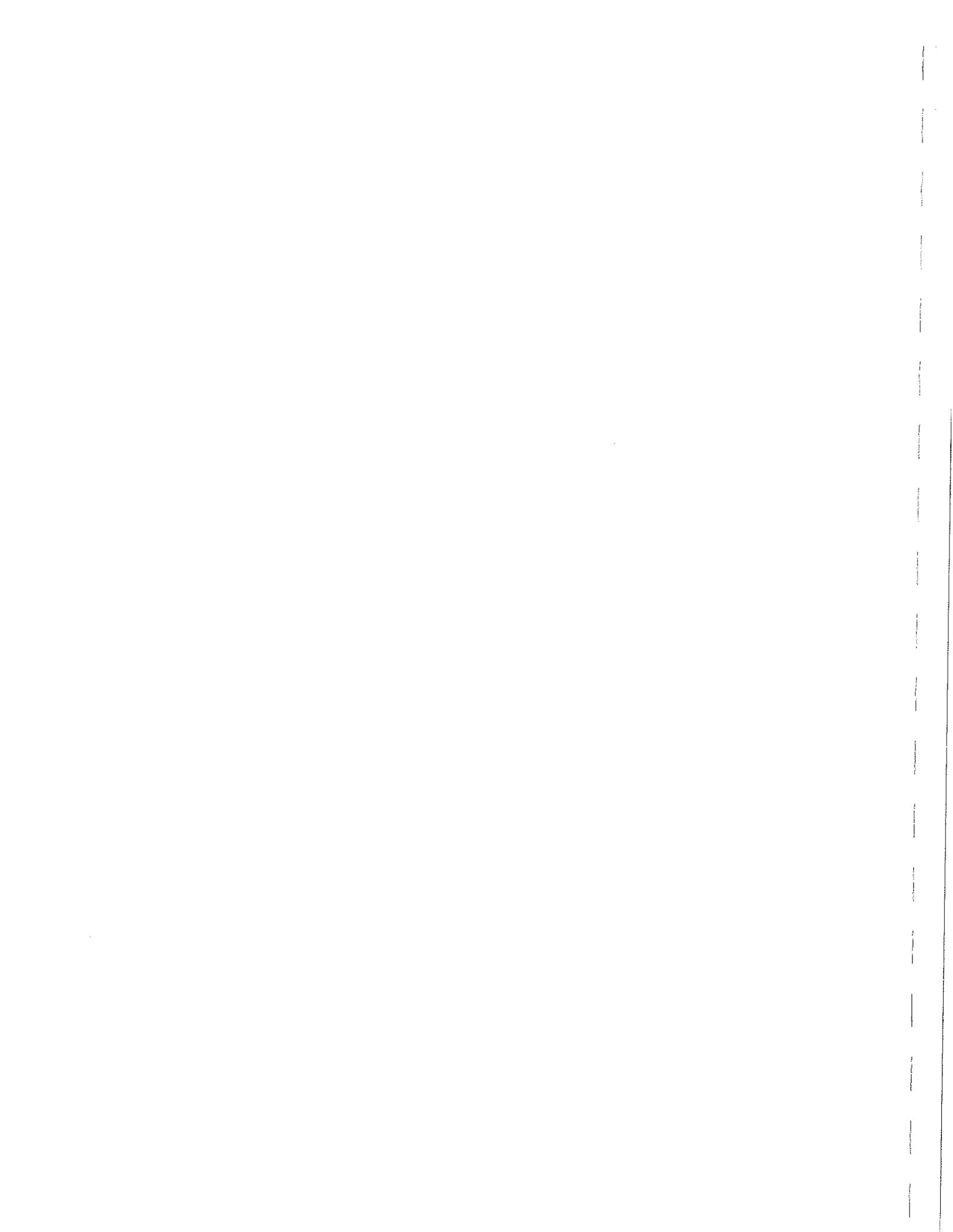
During this investigation, a 1924 Sanborn Fire Insurance Map was used to assist in determining the approximate locations of former on-site structures. According to the Surficial Materials Map of Connecticut dated 1992, surficial geology in the area of the Site consists of a mixture of fines and thick till. The surficial soils along the eastern boundary of the project area (along deKoven Drive) are depicted as artificial fill.

Based on field observations, medium to fine grained sand and silt were encountered during boring activities from a depth of 1 to 16 feet bg. A layer of clay and silt was encountered during most of the boring advancements at a depth of 16 to 22 feet bg. In the Ferry Street area, this clay/silt layer was encountered at a depth of 14 to 22 feet bg.

According to the Bedrock Geological Map of Connecticut dated 1985, bedrock beneath the Site is identified as Portland Arkose. This formation/bedrock is described as red-to-brown, medium-to-coarse grained, sandstone-like, sedimentary rock, consisting of quartz, feldspar, and other various rock fragments. Bedrock was not encountered during this investigation.

#### 60 Green Street – AOCs #4 and #8

Soil borings B-1, B-2, and B-3 were advanced at this property. B-1 was advanced in the northwest corner of this property, which represents an up-gradient location relative to the project area. This boring was advanced to a depth of 21.5 feet bg and subsequently completed as groundwater monitoring well MW-1. The purpose of this well was to evaluate the quality of groundwater flowing into the project area from off-site locations. Based on field screening results, no soil samples from this boring were selected for laboratory analyses. Based on moisture content of the soil samples collected from this boring, groundwater in this area was estimated at a depth of approximately 10 feet bg.



B-2 was advanced along the eastern boundary of this property in the vicinity of a former on-site structure. This boring was advanced to a depth of 21.5 feet bg and subsequently completed as groundwater monitoring well MW-2. The purpose of this boring and well was to evaluate potential impacts to soil and groundwater from a suspected UST fuel oil release at this property. Fill material including wood, asphalt, and concrete were observed in this boring at depths ranging from 4 to 20 feet bg. Based on the lack of physical evidence of a release in soil samples collected from this boring and evidence of fill material to a depth of 20 feet bg, the soil sample collected at the maximum depth of this boring ( 20 to 21.5 feet bg) was submitted for laboratory analysis of VOCs and ETPH. Based on moisture content of the soil samples collected from this boring, groundwater in this area was estimated at a depth of approximately 10 feet bg.

B-3 was advanced along the west side of the former on-site structure. This boring was advanced to a depth of 15 feet bg. The purpose of this boring was to evaluate potential soil impacts in a suspected former UST area. No visual or olfactory evidence of contamination was observed. No VOCs were detected by the PID. Based on field screening results, no soil samples from this boring were selected for laboratory analyses. Based on moisture content of the soil samples collected from this boring, groundwater in this area was estimated at a depth of approximately 10 feet bg.

#### 57-59 Green Street – AOC #4

Soil borings B-4 and B-5 were advanced at this property. B-4 was advanced in the vicinity of the northwest corner of the former on-site structure. This boring was advanced to a depth of 15 feet bg. The purpose of this boring was to evaluate potential soil impacts in a suspected former UST area. No visual or olfactory evidence of contamination was observed. No VOCs were detected by the PID. Based on field screening results, no soil samples from this boring were selected for laboratory analyses. Based on moisture content of the soil samples collected from this boring, groundwater in this area was estimated to a depth of 12 to 15 feet bg.

B-5 was advanced in the northeastern corner of this property. This boring was advanced to a depth of 13.5 feet bg and subsequently completed as groundwater monitoring well MW-3. The purpose of this boring and well was to evaluate potential impacts to soil and groundwater from a reported UST fuel oil release suspected at this property. Based on moisture content of the soil samples collected from this boring, groundwater in this area was estimated at a depth of 12 feet bg. The soil sample collected at the groundwater interface (12 to 13.5 feet bg) was submitted for laboratory analysis of VOCs and ETPH.

#### 35 Green Street – AOC #8

Soil boring B-6 was advanced in the northeast corner of this property. This boring was advanced to a depth of 15 feet bg and subsequently completed as groundwater monitoring well MW-4. The purpose of this boring and well was to evaluate the quality of groundwater flowing beneath the project area. Based on field screening results, no soil samples from this boring were selected for laboratory analyses. Based on moisture content of the soil samples collected from this boring, groundwater in this area was estimated at a depth of 11 to 13 feet bg.



**deKoven Drive and Green Street (Lot 12B) – AOC #8**

Soil boring B-7 was advanced in the southeast corner of this property. This boring was advanced to a depth of 18 feet bg and subsequently completed as groundwater monitoring well MW-5. This location was chosen to represent a down-gradient position on the Site. Black staining of the soil was observed in the soil sample collected from 8 to 12 feet bg. No odor was observed emanating from this sample and no VOCs were detected by the PID. The sample was submitted for laboratory analyses of VOCs, ETPH, and RCRA 8 metals. Based on moisture content of the soil samples collected from this boring, groundwater in this area was estimated at a depth of 12 to 15 feet bg.

**26-28 Ferry Street – AOCs #6 and #8**

Soil borings B-8 and B-10 were advanced at this property. B-8 was advanced on the north side of this property in the vicinity of the three former on-site automobile storage garages to a depth of 12 to 15 feet bg. The purpose of this boring was to evaluate impacts to soil from potential releases of petroleum products. Fill material including wood, asphalt, and concrete were observed in this boring at depths ranging from 1 to 4 feet bg. Based on evidence of fill and potential for releases of oil/chemicals to the ground surface, the soil sample collected at a depth of 0 to 4 feet bg was submitted for laboratory analysis of VOCs, ETPH, and RCRA 8 metals. Based on moisture content of the soil samples collected from this boring, groundwater in this area was estimated at a depth of 12 to 15 feet bg.

B-10 was advanced in the southeastern corner of this property. This boring was advanced to a depth of 18 feet bg and subsequently completed as groundwater monitoring well MW-7. This down-gradient location was selected to evaluate the quality of groundwater beneath the project area. Fill material including wood, asphalt, and concrete were observed in this boring at depths ranging from 4 to 12 feet bg. Black staining of the soil was observed in the soil sample collected from 8 to 12 feet bg. No odor was observed emanating from this sample. No VOCs were detected by the PID in this sample. This sample was submitted for laboratory analysis of VOCs, ETPH, PAHs, and RCRA 8 metals. Based on moisture content of the soil samples collected from this boring, groundwater in this area was estimated at a depth of 12 to 15 feet bg.

**17-19 Green Street – AOC #5**

Soil boring B-9 was advanced along the eastern boundary of this property to a depth of 19 feet bg and subsequently completed as groundwater monitoring well MW-6. The purpose of this boring and well was to evaluate potential impacts to soil and groundwater from historical manufacturing operations on this property ("Macaroni/Cigar Factory"). Initially during the advancement of this boring, an impenetrable layer of concrete was encountered at a depth of 5.5 feet bg. This layer of concrete is believed to be remnant foundation/slab associated with the former factory. The boring in this area was terminated and resumed in a location approximately 10 feet to the north. Fill material including wood, asphalt, and concrete were observed in this boring at depths ranging from 4 to 12 feet bg. Black staining of the soil was observed in the soil samples collected from 4 to 12 feet bg. No odor was observed emanating from these samples. No VOCs were detected by the PID in these samples. The soil sample collected at a depth of 8 to 12 feet bg was submitted for laboratory analysis of VOCs, ETPH, PAHs, and RCRA 8 metals. Based on moisture content of the soil samples collected from this boring, groundwater in this area was estimated at a depth of 12 to 16 feet bg.



#### 54 Ferry Street – AOC #2

Soil boring B-11 was advanced along the northeastern boundary of this property to a depth of 16 feet bg and subsequently completed as groundwater monitoring well MW-8. The purpose of this boring and well was to evaluate potential impacts to soil and groundwater from current USTs adjacent to this property, and a former UST removed from this property. Based on the estimated depths of the USTs, the soil sample collected at a depth of 8 to 12 feet bg was submitted for laboratory analysis of VOCs, ETPH, PAHs, and RCRA 8 metals. Based on moisture content of the soil samples collected from this boring, groundwater in this area was estimated at a depth of 12 to 15 feet bg.

#### 68-70 Ferry Street – AOC #3

Soil borings B-12 and B-13 were placed on this property. B-12 was advanced towards the rear of the property in the vicinity of the former structure referred to as 70 (rear) Ferry Street. This boring was advanced to a depth of 22 feet bg, at which point, no groundwater was encountered and, therefore, the boring could not be completed as a groundwater monitoring well, as originally planned. The geoprobe was not capable of advancing the boring deeper. The location of this boring was selected to evaluate potential impacts from historical tenant uses (Hillside Welding). Based on the potential for releases of oil/chemicals to the ground surface, the soil sample collected at a depth of 0 to 4 feet bg was submitted for laboratory analysis of VOCs, ETPH, PAHs, and RCRA 8 metals.

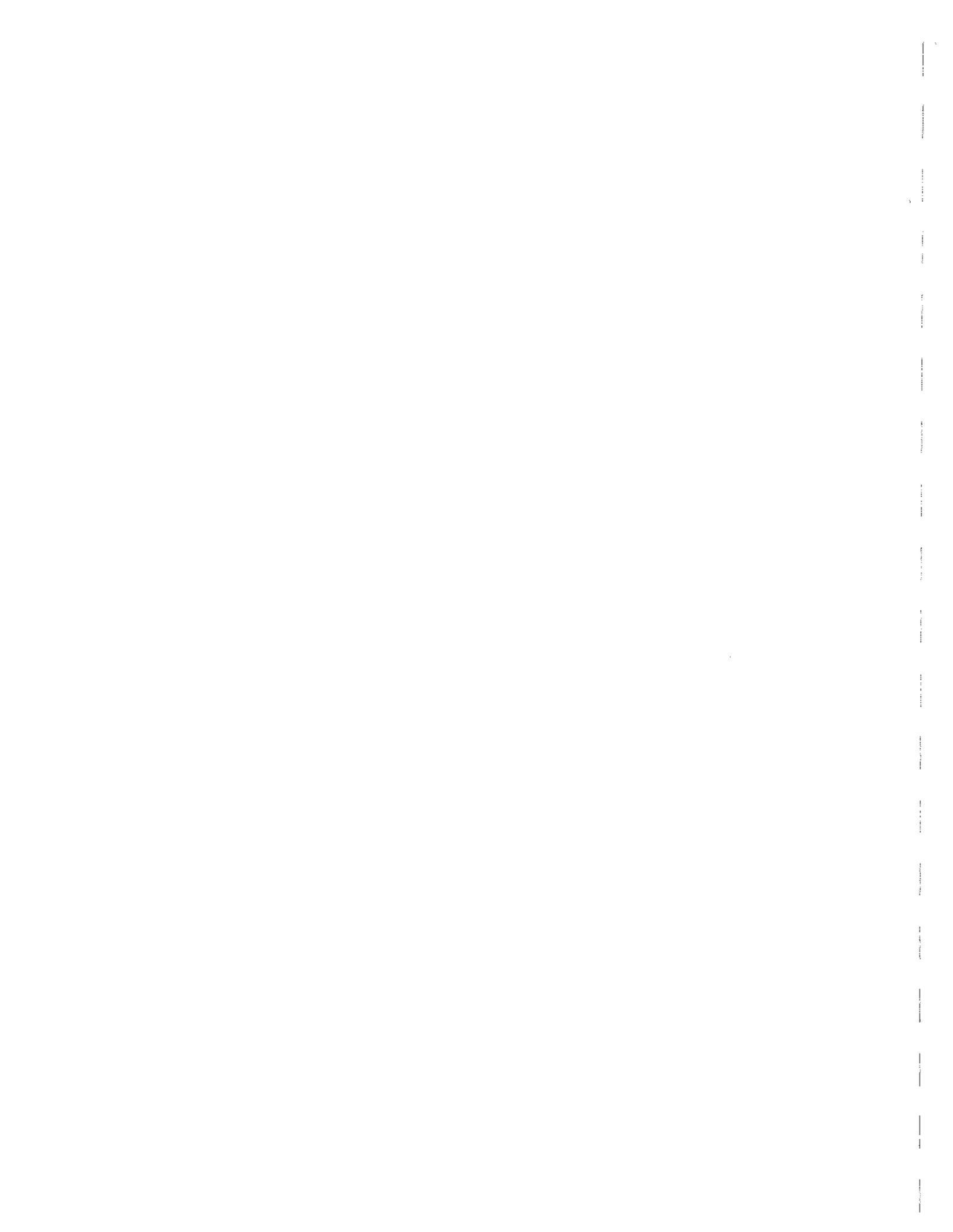
B-13 was advanced on the north side of the former structure located nearest Ferry Street. This boring was advanced to a depth of 14 feet bg and terminated when refusal was encountered at this depth. The purpose of this boring was to evaluate potential impacts to soil from historical tenant uses (Chinese Laundry and Star Laundry). Fill material including brick and wood were observed in this boring at depths ranging from 0 to 4 feet bg. This soil sample was submitted for laboratory analysis of VOCs, ETPH, PAHs, and RCRA 8 metals. Groundwater was not encountered during the advancement of this boring.

Refer to Figure 2 (Site Plan) for boring locations and Appendix B for Boring Logs.

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## Monitoring Well Installation and Sample Collection

Eight groundwater monitoring wells were installed at the Site. All of the wells were temporary micro wells constructed of ten feet of one-inch PVC slot screen and topped with one-inch PVC riser. Groundwater samples were collected from these wells on February 7, 2005, with the exception of MW-4, which was sampled on February 3, 2005. The wells were sampled using EPA low flow protocol. Groundwater samples collected were preserved on ice and delivered to Con-Test Laboratories for laboratory analysis. These samples were analyzed for the presence of VOCs via EPA Method 8260 and ETPH using the CTDEP approved



method. Select samples were also analyzed for PAHs via EPA method 8270 and RCRA 8 metals.

During boring activities, medium to fine grained sand and silt were encountered from a depth of 1 to 16 feet bg. A layer of clay and silt was encountered during most of the boring advancements at a depth of 16 to 22 feet bg. In the Ferry Street area, this clay/silt layer was encountered at a depth of 14 to 22 feet bg. Based on observations during groundwater sampling activities, the tight formation of this layer resulted in extremely slow recharge rates for most wells. In the central area of Green Street it is believed that this layer is somewhat impermeable and results in areas of perched groundwater. Based on these field conditions, depth to groundwater in some areas could not be definitively determined.

The following is a summary of well installation and sample activities conducted by VHB at each of the Site properties.

#### 60 Green Street – AOCs #4 and #8

Groundwater monitoring wells MW-1 and MW-2 were installed on this property. MW-1 was installed in boring B-1 at a depth of 21.5 feet bg in the northwest corner of this property. This up-gradient well location was chosen to evaluate the quality of groundwater flowing into the project area. During boring activities, moisture content of the soil samples collected from this area suggested groundwater was at a depth of 8 to 10 feet bg. Following installation of this groundwater monitoring well, there was no measurable amount of groundwater detected in the well. This lack of groundwater was attributed to the tight formation of the clay soils and extremely slow recharge rates. The well was left overnight to recharge and sampled the following day. Prior to sampling, the depth to groundwater was measured at 20 feet bg. Based on the small amount of water in the well and slow recharge rates, VHB was not able to purge this well prior to sampling. Therefore, VHB collected all the groundwater obtained from this well and submitted it for analysis of ETPH. This parameter was chosen as an indicator for groundwater contamination based on existing land uses up gradient of the Site including a gasoline station and auto repair facility.

MW-2 was installed in boring B-2 at a depth of 21.5 feet bg along the eastern boundary of this property in the vicinity of the former on-site structure. The purpose of this well was to evaluate potential impacts to groundwater from a suspected UST fuel oil release at this property. Based on moisture content of the soil samples collected from this boring, groundwater in this area was estimated at a depth of 8 to 10 feet bg. Following installation of this groundwater monitoring well, no measurable amount of groundwater was detected in the well. The well was left overnight to recharge and sampled the following day. Prior to sampling, the depth to groundwater was measured at 20 feet bg. Based on the small amount of water in the well and slow recharge rates, VHB was not able to purge this well prior to sampling. Therefore, VHB collected all the groundwater obtained from this well and submitted it for analysis of ETPH, VOCs, and RCRA 8 metals. These parameters were chosen as indicators for groundwater contamination from the suspected fuel oil release at this property.



**57-59 Green Street – AOC #4**

Groundwater monitoring well MW-3 was installed in boring B-5 at a depth of 13.5 feet bg in the northeastern corner of this property. The purpose of this well was to evaluate potential impacts to groundwater from a suspected UST fuel oil release at this property. Based on moisture content of the soil samples collected from this boring, groundwater in this area was estimated at a depth of 12 feet bg. Following installation of this groundwater monitoring well, no measurable amount of groundwater was detected in the well. The well was left overnight to recharge, however, ultimately no measurable amount of groundwater was detected in this well. Therefore, this well was not sampled.

**35 Green Street – AOC #8**

Groundwater monitoring well MW-4 was installed in boring B-6 at a depth of 15 feet bg in the northeastern corner of this property. The purpose of this well was to evaluate the quality of groundwater flowing beneath the project area. During boring advancement groundwater was encountered at a depth of 11 to 13 feet bg. Following installation of this groundwater monitoring well, VHB purged the well and collected a groundwater sample for laboratory analysis of VOCs, ETPH, and RCRA 8 metals. These parameters were chosen as indicators for groundwater contamination based on the presence of the up-gradient gasoline station and auto repair facility, and suspected fuel oil release at 57-59 Green Street.

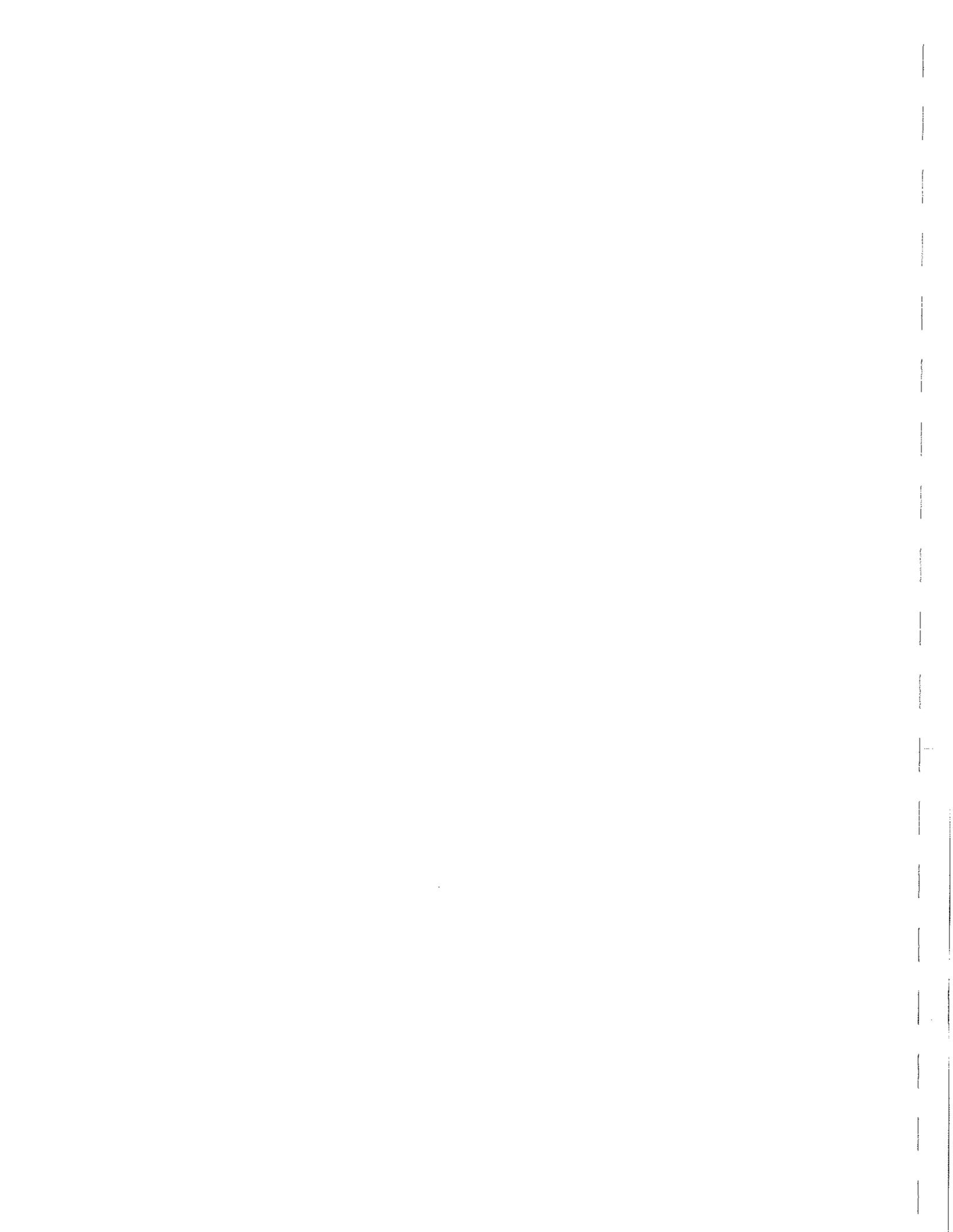
Recharge for this well appeared to be moderate. Groundwater in the well was measured at a depth of 11.5 feet bg. Based on the depths to groundwater in the up gradient wells MW-1 and MW-2 at 60 Green Street and lack of groundwater in MW-3 at 57-59 Green Street, it is believed that the groundwater collected from MW-4 may have been associated with perched groundwater on top of an impermeable clay layer.

**deKoven Drive and Green Street (Lot 12B) – AOC #8**

Groundwater monitoring well MW-5 was installed in boring B-7 at a depth of 18 feet bg in the southeast corner of this property. The purpose of this down-gradient well was to evaluate the quality of groundwater flowing beneath the project area. Based on moisture content of the soil samples collected from this boring, groundwater in this area was estimated at a depth of 12-15 feet bg. Following installation of this groundwater monitoring well, depth to groundwater was measured at 13.5 feet bg. Based on the small amount of water in the well and slow recharge rates, VHB was only able to purge two well volumes prior to sampling. VHB collected a groundwater sample and submitted it for analysis of ETPH, VOCs, and RCRA 8 metals.

**17-19 Green Street – AOC #5**

Groundwater monitoring well MW-6 was installed in boring B-9 at a depth of 19 feet bg along the eastern boundary of this property. The purpose of this down-gradient well was to evaluate potential impacts to groundwater from historical tenant use of this property (Macaroni/Cigar Factory) and general groundwater quality beneath the Site. Based on moisture content of the soil samples collected from this boring, groundwater in this area was estimated at a depth of 12 to 16 feet bg. Following installation of this groundwater monitoring well, depth to groundwater was measured at 14.5 feet bg. Based on the small amount of water in the well and slow recharge rates, VHB was only able to purge two well volumes prior to sampling. VHB collected a groundwater sample and submitted it for analysis of ETPH, VOCs, and RCRA 8 metals.



#### 26-28 Ferry Street – AOC #8

Groundwater monitoring well MW-7 was installed as an additional down-gradient position in boring B-10 at a depth of 18 feet bg in the southeastern corner of this property. Based on moisture content of the soil samples collected from this boring, groundwater in this area was estimated at a depth of 12 to 15 feet bg. Following installation of this groundwater monitoring well, depth to groundwater was measured at 15 feet bg. Based on the small amount of water in the well and slow recharge rates, VHB was only able to purge one well volume prior to sampling. VHB collected a groundwater sample and submitted it for analysis of ETPH, VOCs, and RCRA 8 metals.

#### 54 Ferry Street – AOC #2

Groundwater monitoring well MW-8 was installed in boring B-11 at a depth of 16 feet bg along the northeastern boundary of this property to a depth of 16 feet bg. The purpose of this well was to evaluate potential impacts to groundwater from current USTs adjacent to this property, and a former UST removed from this property. Based on moisture content of the soil samples collected from this boring, groundwater in this area was estimated at a depth of 12 to 15 feet bg. Following installation of this groundwater monitoring well, depth to groundwater was measured at 13.5 feet bg. Based on the small amount of water in the well and slow recharge rates, VHB was only able to purge one well volume prior to sampling. VHB collected a groundwater sample and submitted it for analysis of ETPH, VOCs, and RCRA 8 metals.

#### 68-70 Ferry Street – AOC #3

VHB was unable to install a groundwater monitoring well at this property. The Geoprobe™ reached a max depth of 22 feet bg at this location and no groundwater water was encountered.

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## Analytical Results

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### Soil Analytical Results

*Sample B-2 (60 Green Street along the eastern boundary at a depth of 20 to 21.5 feet bg the approximate soil/groundwater interface)*

Benzene and trichloroethylene (TCE) were detected in this sample at concentrations well below applicable regulatory criteria. No other VOCs were detected at concentrations above laboratory detection limits. ETPH was not detected in this sample at concentrations above laboratory detection limits.

*Sample B-5 (57-59 Green Street in the northeastern corner at a depth of 12 to 13.5 feet bg the estimated soil/groundwater interface)*

Carbon disulfide and TCE were detected in this sample at concentrations well below applicable regulatory criteria. No other VOCs were detected at concentrations above



laboratory detection limits. ETPH was not detected in this sample at concentrations above laboratory detection limits.

*Sample B-7 (deKoven Drive and Green Street Lot 12B in the southeastern corner at a depth of 8 to 12 feet by black staining of this soil sample was observed)*

TCE was detected in this sample at concentrations well below applicable regulatory criteria. No other VOCs were detected at concentrations above laboratory detection limits. ETPH was not detected in this sample at concentrations above laboratory detection limits. Barium, cadmium, chromium, and lead were detected in this sample at concentrations below applicable regulatory criteria.

*Sample B-8 (26-28 Ferry Street on the north side at a depth of 0 to 4 feet by evidence of fill and potential for releases of oil/chemicals to the ground surface)*

TCE was detected in this sample at concentrations well below applicable regulatory criteria. No other VOCs were detected at concentrations above laboratory detection limits. ETPH was not detected in this sample at concentrations above laboratory detection limits. Metals including barium, cadmium, chromium, lead and mercury were detected in this sample at concentrations below the RES DEC and I/C DEC.

Based on a preliminary evaluation of metals concentrations and their leachable potential (calculated by applying a twenty-percent dilution factor to initial mass analysis results) chromium, lead, and mercury were the only metals identified as having the potential to mathematically exceed the GB PCM. Sample B-8, which exhibited the highest average mass analysis concentrations for chromium, lead, and mercury, was further analyzed for these metals via SPLP for direct comparison to the GB PCM.

SPLP results for sample B-8 indicate chromium, lead, and mercury concentrations are well below the GB PCM.

*Sample B-9 (17-19 Ferry Street along the eastern boundary at a depth of 8 to 12 feet by evidence of fill and black staining of this soil sample was observed)*

No VOCs, PAHs, or ETPH were detected at concentrations above laboratory detection limits. Metals were detected at concentrations below the applicable regulatory criteria.

*Sample B-10 (26-28 Ferry Street on the southeastern corner at a depth of 8 to 12 feet by evidence of fill and black staining of this soil sample was observed)*

No VOCs, PAHs, or ETPH were detected at concentrations above laboratory detection limits. Metals were detected at concentrations below applicable regulatory criteria.

*Sample B-11 (54 Ferry Street along the northeastern boundary at a depth of 8 to 12 feet by estimated depths of the USTs)*



Toluene was detected at concentrations well below applicable regulatory criteria. No other VOCs were detected at concentrations above laboratory detection limits. No PAHs or ETPH were detected at concentrations above laboratory detection limits. Metals were detected at concentrations below applicable regulatory criteria.

*Sample B-12 (70 rear Ferry Street in the vicinity of the former structure at a depth of 0 to 4 feet bg based on the potential for releases of oil/chemicals to the ground surface)*

TCE was detected at concentrations well below applicable regulatory criteria. No other VOCs were detected at concentrations above laboratory detection limits. ETPH, metals and PAHs were detected at concentrations below applicable criteria.

*Sample B-13 (68-70 Ferry Street the north side of the former structure located nearest Ferry Street at a depth of 0 to 4 feet bg fill material including brick and wood were observed)*

No VOCs were detected at concentrations above laboratory detection limits. ETPH, five metals and several PAHs were detected at concentrations well below applicable regulatory criteria.

Soil analytical results are summarized in Table 1 and laboratory analytical reports are provided in Appendix C.

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## Groundwater Analytical Results

*MW-1 (60 Green Street in the northwestern corner of the property in an up gradient location relative to the project area)*

ETPH was detected in this sample at concentrations above the GPC. This sample was not analyzed for any additional parameters.

*MW-2 (60 Green Street along the eastern boundary of this property in the vicinity of the former on-site structure)*

Acetone, bromomethane, and MTBE were detected in this sample at concentrations below applicable regulatory criteria. No other VOCs were detected at concentrations above laboratory detection limits. ETPH was detected at concentrations just below applicable regulatory criteria. Lead and chromium were detected at concentrations above applicable criteria. Cadmium was detected at a concentration equal to the GPC. Barium was detected at a concentration just below the GPC.

*MW-4 (35 Green Street in the northeastern corner of the property)*

No VOCs were detected in this sample at concentrations above laboratory detection limits. ETPH was detected at concentrations below applicable regulatory criteria. Metals were detected at concentrations exceeding applicable regulatory criteria.



*MW-5 (deKoven Drive and Green Street Lot 12B in the southeastern corner of the property)*

1,4-Dichlorobenzene was detected at concentrations well below applicable regulatory criteria. No other VOCs were detected at concentrations above laboratory detection limits. ETPH was detected at concentrations below applicable regulatory criteria. Metals were detected at concentrations exceeding applicable regulatory criteria.

*MW-7 (26-28 Ferry Street in the southeastern corner of the property)*

No VOCs were detected in this sample at concentrations above laboratory detection limits. ETPH and metals were detected at concentrations exceeding applicable regulatory criteria.

*MW-8 (54 Ferry Street along the northeastern boundary of this property)*

Three VOCs (sec-Butylbenzene, dichlorodifluoromethane, and MTBE) were detected in this sample at concentrations below applicable regulatory criteria. No other VOCs were detected at concentrations above laboratory detection limits. ETPH was detected at concentrations below applicable regulatory criteria. Metals were detected at concentrations exceeding applicable regulatory criteria.

Groundwater analytical results are summarized in Table 3 and laboratory analytical reports are provided in Appendix C.



# 3

## Conclusions

Low concentrations of VOCs were detected in soils and groundwater across the Site. All detected concentrations were below applicable clean-up criteria. There does not appear to be any significant source(s) for VOCs at any of the Site properties, based on the analytical data. The low VOCs levels detected in soil are not elevated sufficiently to represent a significant source for groundwater contamination. The results of this investigation suggest that the presence of VOCs is likely associated with isolated areas impacted by current/historic land uses in the general vicinity.

Low concentrations of ETPH and PAHs were detected in surface soils (0 to 4 feet bg) at the 68-70 Ferry Street property. This property is currently utilized as a parking lot, and was historically occupied by Hillside Welding and various laundry services. During boring activities, fill material including brick, wood, and asphalt was observed at this property (and several others). It is evident that numerous historic structures were razed and demolition debris buried on the Site. No significant source(s) for petroleum-related constituents were identified at this property. It is possible that releases of small amounts of motor vehicle fluids may be contributing to these results; however, the existence of urban fill and demolition debris represents a more likely source for the low levels of these constituents.

Low levels of ETPH were detected in groundwater across the Site. ETPH concentrations in monitoring wells MW-1 and MW-7 exceed the GWPC. Because the Site is located within a GB-classified groundwater area and no potable wells are located in the vicinity, this criteria does not directly apply. The two criteria that are applicable (SWPC and VC) do not have numerical values established for direct comparison. MW-1 is in an up gradient location relative to the project area, and based on the location of this well, it appears as though the ETPH is migrating with groundwater into the project area from an off-site source. Potential sources include the up gradient gas station and auto repair facility located along Main Street to the west of the Site. Both of these facilities are reported to have/had registered USTs. MW-7 is located in a down gradient location relative to the project area. The concentrations of ETPH detected in this well were slightly higher than those detected in the up gradient well (MW-1); however, the detected values in these wells were not significantly different. ETPH levels in the all remaining wells were below the GWPC. Based on the analytical results, it appears that low level petroleum contamination is present throughout the general area. This condition is not



uncommon in GB-classified groundwater areas, where historic urban land uses and documented releases occur.

Five metals (arsenic, barium, cadmium, chromium, and lead) were detected at concentrations exceeding the SWPC in all groundwater samples analyzed for these parameters. Groundwater beneath the Site discharges to the Connecticut River, located approximately 250 feet east of the Site. This portion of the Connecticut River is classified by the CTDEP as Class SC/SB, indicating that it does not presently meet Water Quality Criteria or does not support one or more assigned designated uses (fish, shellfish, and wildlife habitat, certain aquaculture operations, recreational uses, industrial and other legitimate uses, including navigation) due to pollution. It is likely that similar groundwater conditions exist throughout the downtown Middletown area and have contributed to this classification.

Several metals were also present in Site soils at concentrations below applicable regulatory criteria. Concentrations of barium, cadmium and chromium in soil appear ubiquitous throughout the Site and are consistent with documented background conditions for soil in the eastern United States (*Shaklette, H.T. et. Al., Elemental Composition of Surficial Material in the Conterminous United States, USGS Professional paper 574-D 1971*). Lead and mercury exhibited some elevated levels above established background conditions, although still below the RSRs. Potential sources of lead and mercury in soil include the existence of urban fill and buried demolition debris.

The purpose of this investigation was to screen soil and groundwater on the City-owned parcels in an effort to evaluate potential impacts from current and historical land uses at and in the vicinity of the Site. Based on the findings of this investigation, it appears that historical Site operations have not significantly impacted soils in the locations sampled and, therefore, extensive soil remediation does not appear to be required for the areas evaluated during this investigation. It is evident that some localized areas of impact exist and it is possible that isolated areas of contamination at levels higher than those identified herein may exist throughout the Site. However, the analytical data collected suggests that no significant contaminant sources exist on the Site.

Groundwater beneath the Site appears to have been affected by historical land uses and spills/releases at and in the vicinity of the Site. These conditions are consistent with the area's GB groundwater classification, indicating known degraded groundwater quality. There are no known consumptive uses of groundwater at or in the immediate vicinity of the Site and public water and sewer are available throughout the area, thereby minimizing potential human exposure to those contaminants in groundwater. No significantly elevated levels of VOCs were identified in groundwater, further minimizing concerns with respect to human exposure, in this case potential volatilization and resultant adverse indoor air quality.

It is our understanding that the City of Middletown intends to re-develop the Ferry Street/Green Street area in association with the Riverfront Revitalization Program. It should be noted that this investigation was limited to City-owned properties that were accessible at the time of the investigation. As indicated above, the potential exists for soil contamination at other properties along Ferry Street and Green Street that were not evaluated as part of this



investigation. In addition, fill material and demolition debris, which may be structurally unsound, was observed on several of the Site properties and may exist on other properties along Ferry Street and Green Street. It is likely that much of this material may require segregation and waste characterization sampling to determine whether the material can be re-used on Site or requires off-site treatment/disposal. During construction activities, any potentially impacted soil encountered should be stockpiled for waste characterization.

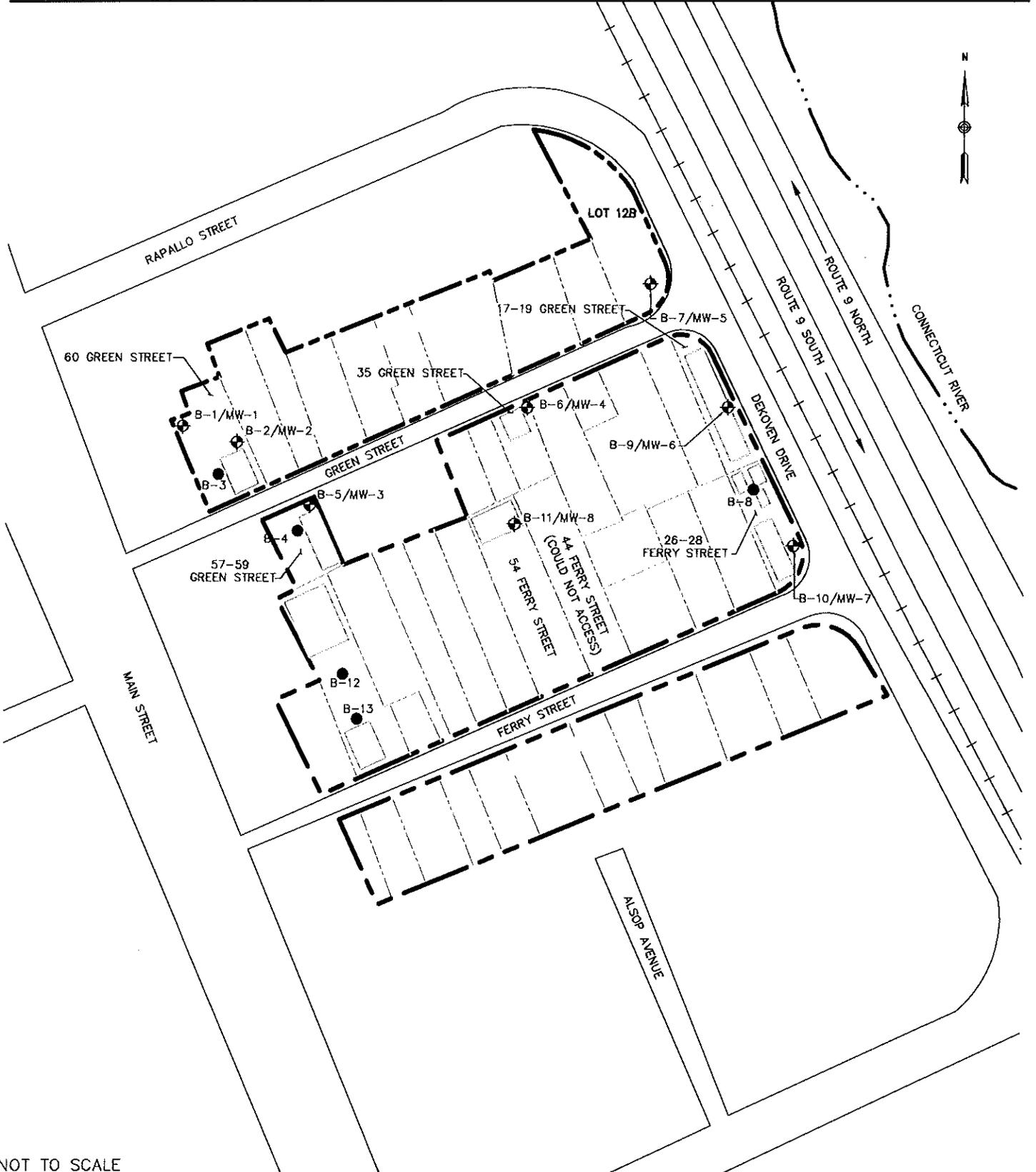
Structures on the majority of these properties are heated via oil stored in ASTs /USTs. These tanks should be inventoried and evaluated for content and structural integrity prior to their removals. Any existing USTs will necessitate that the tank graves be properly closed in accordance with CTDEP requirements. In addition, due to the age of the structures along Ferry Street/Green Street, it is likely that asbestos and lead-based paint are present in building materials. Other regulated materials (e.g., thermostats containing elemental mercury; fluorescent lighting ballasts containing PCBs) may also be associated with these structures. Therefore, a hazardous materials survey should be conducted prior to any renovation or demolition activities.

It does not appear as though groundwater contamination represents a significant construction related constraint/cost item based on the depth to groundwater (averaging 12 to 20 feet bg) and the concentrations detected to date. Regardless, if groundwater is encountered during construction and dewatering becomes necessary, characterization of the water waste stream will be required in order to obtain a discharge permit. Based on the results of those analyses, a determination can be made regarding the potential treatment of water prior to discharge.



# Figures





NOT TO SCALE

SOURCE(S):  
CITY OF MIDDLETOWN  
TAX ASSESSORS MAP  
NO. 22

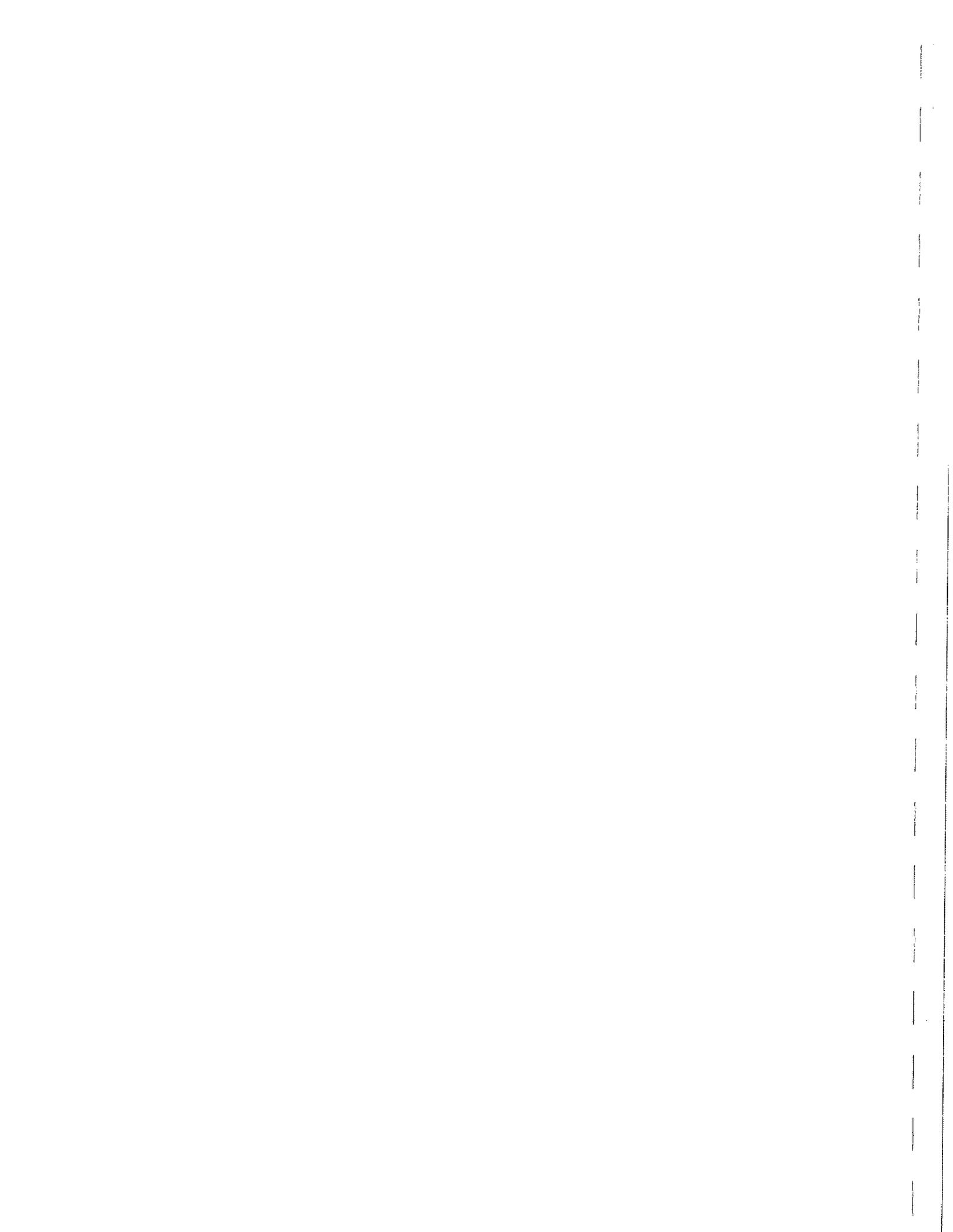
Vanasse Hangen Brustlin, Inc.

**Soil Boring/Monitoring Well Locations  
Ferry Street / Green Street  
Revitalization Area  
Middletown, Connecticut**

**Figure 2  
February 2005**

**LEGEND**

-  APPROXIMATE PROPERTY BOUNDARY
-  FORMER STRUCTURES BASED ON 1924 SANBORN MAP
-  GROUNDWATER MONITORING WELLS
-  SOIL BORINGS



# Tables



**Table 1 – Field Screening Results  
 Samples Collected February 3, 2005  
 Ferry Street/Green Street, Middletown, Connecticut**

| Boring Identification                    | Depth (feet) | PID Reading (ppm) |
|--|--------------|-------------------|
| 60 Green Street                          |              |                   |
| B-1                                      | 0-4'         | 0.0               |
| B-1                                      | 4-8'         | 0.0               |
| B-1                                      | 8-12'        | 0.0               |
| B-1                                      | 12-16'       | 0.0               |
| B-1                                      | 16-19'       | 0.0               |
| B-1                                      | 19-21.5'     | 0.0               |
| B-2                                      | 0-4'         | 0.0               |
| B-2                                      | 4-8'         | 0.0               |
| B-2                                      | 8-12'        | 0.0               |
| B-2                                      | 12-15'       | 0.0               |
| B-2                                      | 15-18'       | 0.0               |
| B-2                                      | 18-20'       | 0.0               |
| B-2                                      | 20-21.5'     | 0.0               |
| B-3                                      | 0-4'         | 0.0               |
| B-3                                      | 4-8'         | 0.0               |
| B-3                                      | 8-12'        | 0.0               |
| B-3                                      | 12-15'       | 0.0               |
| 57-59 Green Street                       |              |                   |
| B-4                                      | 0-4'         | 0.0               |
| B-4                                      | 4-8'         | 0.0               |
| B-4                                      | 8-12'        | 0.0               |
| B-4                                      | 12-15'       | 0.0               |
| B-5                                      | 0-4'         | 0.0               |
| B-5                                      | 4-8'         | 0.0               |
| B-5                                      | 8-12'        | 0.0               |
| B-5                                      | 12-13.5      | 0.0               |
| 35 Green Street                          |              |                   |
| B-6                                      | 0-4'         | 0.0               |
| B-6                                      | 4-8'         | 0.0               |
| B-6                                      | 8-11'        | 0.0               |
| B-6                                      | 11-15'       | 0.0               |
| deKoven Drive and Green Street (Lot 12B) |              |                   |
| B-7                                      | 0-4'         | 0.0               |
| B-7                                      | 4-8'         | 0.0               |
| B-7                                      | 8-12'        | 0.0               |
| B-7                                      | 12-15'       | 0.0               |
| B-7                                      | 15-18'       | 0.0               |

**Table Notes:**

ppm = parts per million; roughly equivalent to milligrams per kilogram



**Table 1 – Field Screening Results**  
**Samples Collected February 3 and 7, 2005**  
**Ferry Street/Green Street, Middletown, Connecticut**

| Boring Identification  | Depth (feet) | PID Reading (ppm) |
|------------------------|--------------|-------------------|
| 26-28 Ferry Street     |              |                   |
| B-8                    | 0-4'         | 0.0               |
| B-8                    | 4-8'         | 0.0               |
| B-8                    | 8-12'        | 0.0               |
| B-8                    | 12-15'       | 0.0               |
| 17-19 Green Street     |              |                   |
| B-9                    | 0-4'         | 0.0               |
| B-9                    | 4-8'         | 0.0               |
| B-9                    | 8-12'        | 0.0               |
| B-9                    | 12-16'       | 0.0               |
| B-9                    | 16-19'       | 0.0               |
| 26-28 Ferry Street     |              |                   |
| B-10                   | 0-4'         | 0.0               |
| B-10                   | 4-8'         | 0.0               |
| B-10                   | 8-12'        | 0.0               |
| B-10                   | 12-15'       | 0.0               |
| B-10                   | 15-18'       | 0.0               |
| 54 Ferry Street        |              |                   |
| B-11                   | 0-4'         | 0.0               |
| B-11                   | 4-8'         | 0.0               |
| B-11                   | 8-12'        | 0.0               |
| B-11                   | 12-15'       | 0.0               |
| B-11                   | 15-16'       | 0.0               |
| 70 Ferry Street (rear) |              |                   |
| B-12                   | 0-4'         | 0.3               |
| B-12                   | 4-8'         | 0.0               |
| B-12                   | 8-12'        | 0.0               |
| B-12                   | 12-15'       | 0.0               |
| B-12                   | 15-19'       | 0.0               |
| B-12                   | 19-22'       | 0.0               |
| 68-70 Ferry Street     |              |                   |
| B-13                   | 0-4'         | 0.0               |
| B-13                   | 4-8'         | 0.0               |
| B-13                   | 8-12'        | 0.0               |
| B-13                   | 12-14'       | 0.0               |

**Table Notes:**

ppm = parts per million; roughly equivalent to milligrams per kilogram



**Table 2 - Soil Sample Results**  
**Samples Collected 2/3/05 and 2/7/05**  
**Ferry Street and Green Street, Middletown, Connecticut**

| Volatile Organic Compounds (mg/kg) | B-2<br>60 Green St<br>Former UST |         | B-5<br>57-59 Green St<br>Downgradient<br>Former UST |        | B-7<br>128 Green St<br>Black soil<br>8-12 |        | B-8<br>26-28 Ferry St<br>Former<br>garages<br>0-4 |        | B-9<br>17-19 Ferry St<br>Former<br>Factory<br>8-12 |        | B-10<br>26-28 Ferry St<br>Downgradient<br>In project area<br>8-12 |      | B-11<br>54 Ferry St<br>Downgradient<br>of UST's<br>8-12 |     | B-12<br>70 Ferry St<br>Former<br>Land use<br>0-4 |     | B-13<br>68-70 Ferry St<br>Former<br>Land use<br>0-4 |     | Remediation Standard Regulation Criteria |     |    |
|------------------------------------|----------------------------------|---------|---|--------|---|--------|---|--------|--|--------|---|------|---|-----|--|-----|---|-----|--|-----|----|
|                                    | 20-21.5                          | 12-13.5 | 8-12  | 0-4    | 8-12                                      | 0-4    | 8-12  | 0-4    | 8-12   | 0-4    | 8-12  | 0-4  | 8-12  | 0-4 | 8-12   | 0-4 | RES   | DEC | NC                                       | DEC | GB |
| Acetone                            | <0.076                           | <0.058  | <0.060  | <0.058 | <0.058                                    | <0.050 | <0.107  | <0.106 | <0.086   | <0.065 | 500   | 1000 | 140   |     |  |     |   |     |  |     |    |
| Acrolein                           | <0.031                           | <0.023  | <0.024  | <0.023 | <0.020                                    | <0.043 | <0.043  | <0.043 | <0.035   | <0.026 | NE  | NE   | NE  |     |  |     |   |     |  |     |    |
| Acrylonitrile                      | <0.008                           | <0.006  | <0.006  | <0.006 | <0.011                                    | <0.011 | <0.011  | <0.009 | <0.007   | <0.007 | 1.1   | 1.1  | 0.1   |     |  |     |   |     |  |     |    |
| tert-Butylmethylether              | <0.001                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.002 | <0.002  | <0.002 | <0.002   | <0.001 | NE  | NE   | NE  |     |  |     |   |     |  |     |    |
| Benzene                            | 0.003                            | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 21  | 200  | 0.2   |     |  |     |   |     |  |     |    |
| Bromobenzene                       | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.003  | <0.003 | <0.002   | <0.002 | NE  | NE   | NE  |     |  |     |   |     |  |     |    |
| Bromochloromethane                 | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.003  | <0.003 | <0.002   | <0.002 | NE  | NE   | NE  |     |  |     |   |     |  |     |    |
| Bromodichloromethane               | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.002 | <0.003  | <0.003 | <0.002   | <0.002 | 9.9   | 82   | 0.11  |     |  |     |   |     |  |     |    |
| Bromotoluene                       | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.002 | <0.003  | <0.003 | <0.003   | <0.003 | 78  | 720  | 0.8   |     |  |     |   |     |  |     |    |
| Bromomethane                       | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.002 | <0.002  | <0.003 | <0.003   | <0.003 | 95  | 1000 | 10.0  |     |  |     |   |     |  |     |    |
| 2-Butanone (MEK)                   | <0.019                           | <0.014  | <0.014  | <0.014 | <0.012                                    | <0.026 | <0.026  | <0.026 | <0.021   | <0.016 | 500   | 1000 | 80  |     |  |     |   |     |  |     |    |
| tert-Butyl Alcohol                 | <0.031                           | <0.023  | <0.024  | <0.023 | <0.020                                    | <0.043 | <0.043  | <0.043 | <0.035   | <0.026 | NE  | NE   | NE  |     |  |     |   |     |  |     |    |
| n-Butylbenzene                     | <0.002                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 14  |     |  |     |   |     |  |     |    |
| sec-Butylbenzene                   | <0.001                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 14  |     |  |     |   |     |  |     |    |
| tert-Butylbenzene                  | <0.001                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 14  |     |  |     |   |     |  |     |    |
| n-Butylbenzene                     | <0.001                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 14  |     |  |     |   |     |  |     |    |
| Carbon Disulfide                   | <0.005                           | 0.005   | <0.004  | <0.004 | <0.004                                    | <0.003 | <0.007  | <0.007 | <0.006   | <0.004 | 500   | 1000 | 140   |     |  |     |   |     |  |     |    |
| Carbon Tetrachloride               | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.003  | <0.003 | <0.002   | <0.002 | 4.7   | 44   | 1   |     |  |     |   |     |  |     |    |
| Chlorobenzene                      | <0.001                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 20  |     |  |     |   |     |  |     |    |
| Chlorofluoromethane                | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.003  | <0.003 | <0.002   | <0.001 | 500   | 1000 | 20  |     |  |     |   |     |  |     |    |
| Chloroethane                       | <0.002                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 2   |     |  |     |   |     |  |     |    |
| 2-Chloroethylmethylether           | <0.015                           | <0.011  | <0.011  | <0.011 | <0.010                                    | <0.021 | <0.021  | <0.021 | <0.017   | <0.013 | 100   | 940  | 1.2   |     |  |     |   |     |  |     |    |
| Chloroform                         | <0.004                           | <0.003  | <0.003  | <0.003 | <0.002                                    | <0.005 | <0.005  | <0.005 | <0.004   | <0.003 | 47  | 440  | 0.54  |     |  |     |   |     |  |     |    |
| Chloromethane                      | <0.023                           | <0.018  | <0.018  | <0.018 | <0.015                                    | <0.032 | <0.032  | <0.032 | <0.020   | <0.020 | 500   | 1000 | 1000  |     |  |     |   |     |  |     |    |
| 2-Chlorotoluene                    | <0.001                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 2   |     |  |     |   |     |  |     |    |
| 4-Chlorotoluene                    | <0.001                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 2   |     |  |     |   |     |  |     |    |
| 1,2-Dibromo-3-Chloropropane        | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.002 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 2   |     |  |     |   |     |  |     |    |
| 1,2-Dibromomethane                 | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 2   |     |  |     |   |     |  |     |    |
| Dibromomethane                     | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 2   |     |  |     |   |     |  |     |    |
| 1,2-Dichlorobenzene                | <0.001                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 2   |     |  |     |   |     |  |     |    |
| 1,3-Dichlorobenzene                | <0.002                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.002 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 2   |     |  |     |   |     |  |     |    |
| 1,4-Dichlorobenzene                | <0.002                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.002 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 2   |     |  |     |   |     |  |     |    |
| Sto-1,4-Dichloro-2-Butene          | <0.004                           | <0.003  | <0.003  | <0.003 | <0.003                                    | <0.003 | <0.005  | <0.005 | <0.004   | <0.003 | 0.07  | 0.82 | 0.82  |     |  |     |   |     |  |     |    |
| trans-1,4-Dichloro-2-Butene        | <0.004                           | <0.003  | <0.003  | <0.003 | <0.003                                    | <0.003 | <0.005  | <0.005 | <0.004   | <0.003 | 0.07  | 0.82 | 0.82  |     |  |     |   |     |  |     |    |
| Dichlorofluoromethane              | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 15  |     |  |     |   |     |  |     |    |
| 1,1-Dichloroethane                 | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 15  |     |  |     |   |     |  |     |    |
| 1,2-Dichloroethane                 | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 15  |     |  |     |   |     |  |     |    |
| 1,1-Dichloroethene                 | <0.001                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 15  |     |  |     |   |     |  |     |    |
| cis-1,2-Dichloroethene             | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 15  |     |  |     |   |     |  |     |    |
| 1,1-Dichloroethene                 | <0.001                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 15  |     |  |     |   |     |  |     |    |
| cis-1,2-Dichloroethene             | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 15  |     |  |     |   |     |  |     |    |
| trans-1,2-Dichloroethene           | <0.002                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 15  |     |  |     |   |     |  |     |    |
| 1,2-Dichloropropane                | <0.001                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 15  |     |  |     |   |     |  |     |    |
| 1,3-Dichloropropane                | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 15  |     |  |     |   |     |  |     |    |
| 2,2-Dichloropropane                | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 15  |     |  |     |   |     |  |     |    |
| 1,1-Dichloropropene                | <0.003                           | <0.002  | <0.002  | <0.002 | <0.002                                    | <0.002 | <0.003  | <0.003 | <0.002   | <0.002 | 3.4   | 32   | 0.1   |     |  |     |   |     |  |     |    |
| cis-1,3-Dichloropropene            | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 3.4   | 32   | 0.1   |     |  |     |   |     |  |     |    |
| trans-1,3-Dichloropropene          | <0.001                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 3.4   | 32   | 0.1   |     |  |     |   |     |  |     |    |
| Diethyl Ether                      | <0.004                           | <0.003  | <0.003  | <0.002 | <0.002                                    | <0.002 | <0.005  | <0.005 | <0.004   | <0.003 | NE  | NE   | NE  |     |  |     |   |     |  |     |    |
| 1,4-Dioxane                        | <0.076                           | <0.058  | <0.058  | <0.058 | <0.050                                    | <0.106 | <0.106  | <0.086 | <0.065   | <0.055 | NE  | NE   | NE  |     |  |     |   |     |  |     |    |
| Ethyl Benzene                      | <0.001                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 10.1  |     |  |     |   |     |  |     |    |
| Ethyl Methacrylate                 | <0.002                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 10.1  |     |  |     |   |     |  |     |    |
| Hexachlorobutadiene                | <0.002                           | <0.002  | <0.002  | <0.002 | <0.002                                    | <0.002 | <0.003  | <0.003 | <0.003   | <0.002 | 7.9   | 73   | 1.1   |     |  |     |   |     |  |     |    |
| 2-Hexanone                         | <0.015                           | <0.012  | <0.012  | <0.011 | <0.010                                    | <0.021 | <0.021  | <0.017 | <0.013   | <0.013 | NE  | NE   | NE  |     |  |     |   |     |  |     |    |
| Iodomethane                        | <0.002                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 192   |     |  |     |   |     |  |     |    |
| Isopropylbenzene                   | <0.001                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 14  |     |  |     |   |     |  |     |    |
| p-Isopropyltoluene                 | <0.002                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 20  |     |  |     |   |     |  |     |    |
| Methyl tert-butyl ether (MTBE)     | <0.002                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 14  |     |  |     |   |     |  |     |    |
| Methylene Chloride                 | <0.023                           | <0.018  | <0.018  | <0.018 | <0.015                                    | <0.032 | <0.032  | <0.026 | <0.020   | <0.016 | NE  | NE   | NE  |     |  |     |   |     |  |     |    |
| Methyl isobutyl ketone (MIBK)      | <0.014                           | <0.011  | <0.011  | <0.010 | <0.009                                    | <0.019 | <0.019  | <0.016 | <0.012   | <0.007 | 500   | 1000 | 14  |     |  |     |   |     |  |     |    |
| n-Propylbenzene                    | <0.002                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 14  |     |  |     |   |     |  |     |    |
| Styrene                            | <0.002                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 20  |     |  |     |   |     |  |     |    |
| 1,1,1-Tetrachloroethane            | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 0.2   |     |  |     |   |     |  |     |    |
| 1,1,2-Tetrachloroethane            | <0.003                           | <0.002  | <0.002  | <0.002 | <0.002                                    | <0.003 | <0.003  | <0.003 | <0.002   | <0.002 | 24  | 220  | 0.2   |     |  |     |   |     |  |     |    |
| Tetrahydrofuran                    | <0.008                           | <0.006  | <0.006  | <0.006 | <0.005                                    | <0.011 | <0.011  | <0.009 | <0.007   | <0.001 | 500   | 1000 | 0.7   |     |  |     |   |     |  |     |    |
| Toluene                            | <0.004                           | <0.003  | <0.003  | <0.002 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 0.7   |     |  |     |   |     |  |     |    |
| 1,2,3-Trichlorobenzene             | <0.002                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 14  |     |  |     |   |     |  |     |    |
| 1,2,4-Trichlorobenzene             | <0.002                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 14  |     |  |     |   |     |  |     |    |
| Trichloroethylene                  | <0.002                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 14  |     |  |     |   |     |  |     |    |
| Trichlorofluoromethane             | 0.002                            | 0.002   | 0.002   | 0.003  | <0.001                                    | <0.002 | <0.002  | <0.002 | <0.002   | <0.001 | 11  | 100  | 1   |     |  |     |   |     |  |     |    |
| 1,2,3-Trichloropropane             | <0.002                           | <0.001  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 290   |     |  |     |   |     |  |     |    |
| 1,2,4-Trichloropropane             | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 290   |     |  |     |   |     |  |     |    |
| 1,3,5-Trimethylbenzene             | <0.002                           | <0.002  | <0.001  | <0.001 | <0.001                                    | <0.001 | <0.002  | <0.002 | <0.002   | <0.001 | 500   | 1000 | 70  |     |  |     |   |     |  |     |    |
| Vinyl Acetate</                    |                                  |         |   |        |   |        |   |        |  |        |   |      |   |     |  |     |   |     |  |     |    |

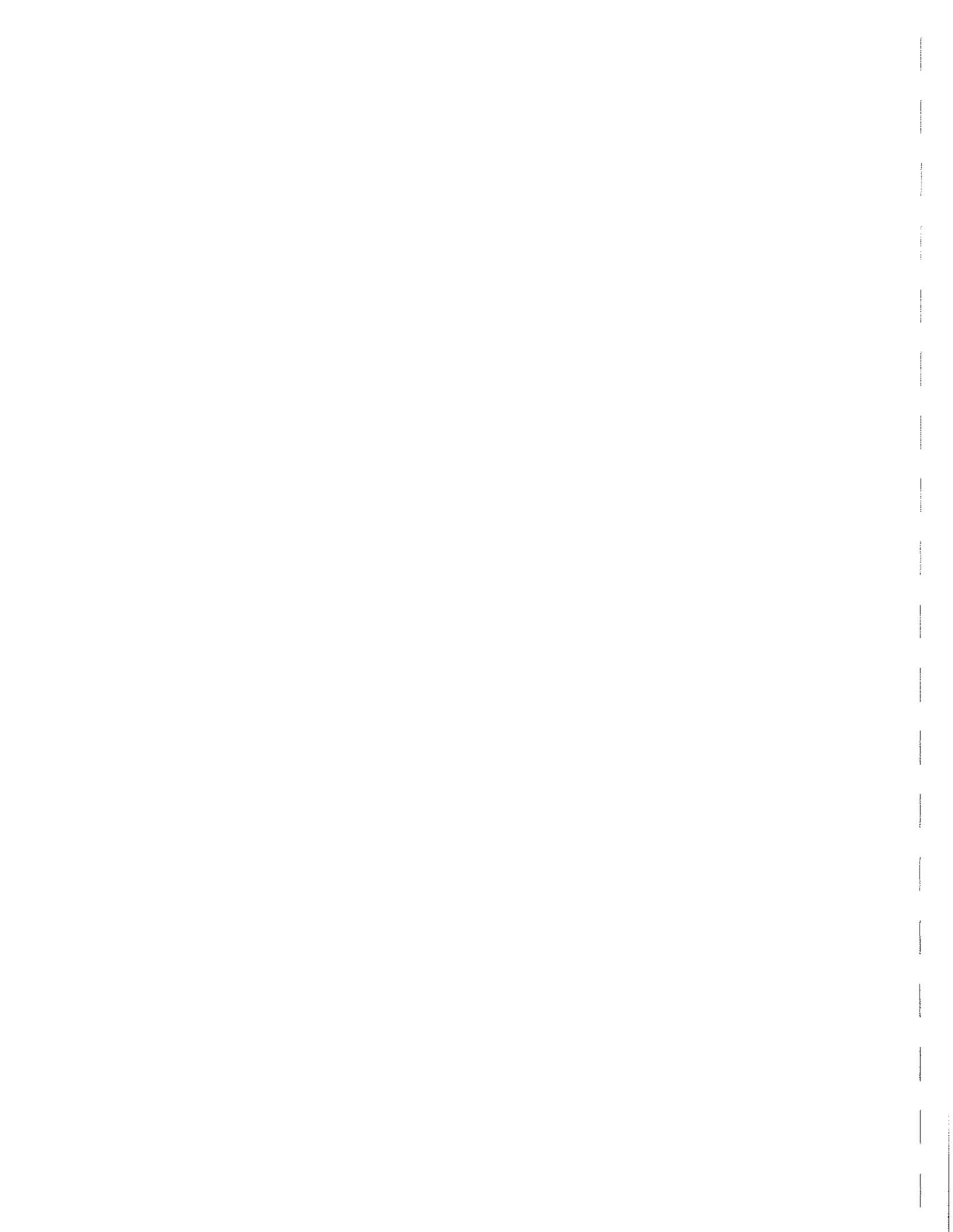
Table 3 - Groundwater Sample Results  
 Samples Collected 2/3/05 and 2/7/05

| Sample Number<br>Location<br>Area of Concern | 60 Green St<br>Upgradient<br>GW quality of area | 60 Green St<br>Downgradient of<br>former UST location | 35 Green St<br>Downgradient<br>GW quality of area | Lot 12B Green St<br>Downgradient<br>GW quality of area | 17-19 Green St<br>Former<br>Factory | 26-28 Ferry St<br>Downgradient<br>GW quality of area | 54 Ferry St<br>Downgradient<br>of UST's | Remediation Standard Regulation Criteria |      |         |
|--|---|---|---|--|-------------------------------------|--|---|--|------|---------|
|  |   |   |   |  |                                     |  |   | GA/GAA GWPC                              | SWPC |         |
| Depth to Groundwater (ft.)                   | 20  | 20  | 11.5  | 13.5   | 12-16                               | 12-15  | 12-15                                   | GA/GAA GWPC                              | SWPC |         |
| Volatile Organic Compounds (ug/L)            |   |   |   |  |                                     |  |   |  |      |         |
| Acetone                                      | NA  | 12.1  | <10.0   | <10.0  | <10.0                               | <10.0  | <10.0                                   | 700                                      | NE   | 50000   |
| Acrolein                                     | NA  | <20.0   | <10.0   | <20.0  | <20.0                               | <20.0  | <20.0                                   | 0.04                                     | NE   | NE      |
| Acrylonitrile                                | NA  | <0.5  | <0.5  | <0.5   | <0.5                                | <0.5   | <0.5                                    | 0.5                                      | NE   | NE      |
| tert-Amyl methyl Ether                       | NA  | <0.5  | <0.5  | <0.5   | <0.5                                | <0.5   | <0.5                                    | 20                                       | NE   | NE      |
| Benzene                                      | NA  | <0.6  | <0.5  | <0.6   | <0.6                                | <0.6   | <0.5                                    | 1  | NE   | NE      |
| Bromobenzene                                 | NA  | <0.5  | <0.5  | <0.5   | <0.5                                | <0.5   | <0.5                                    | 710                                      | NE   | NE      |
| Bromo-chloromethane                          | NA  | <0.5  | <0.5  | <0.5   | <0.5                                | <0.5   | <0.5                                    | NE                                       | NE   | NE      |
| Bromodichloromethane                         | NA  | <0.4  | <0.5  | <0.7   | <0.7                                | <0.7   | <0.7                                    | NE                                       | NE   | NE      |
| Bromoform                                    | NA  | <1.2  | <0.4  | <0.4   | <0.4                                | <0.4   | <0.4                                    | 0.56                                     | NE   | NE      |
| Bromomethane                                 | NA  | 3.3   | <1.0  | <1.2   | <1.2                                | <1.2   | <1.2                                    | NE                                       | NE   | NE      |
| 2-Butanone (MEK)                             | NA  | <10.0   | <5.0  | <10.0  | <10.0                               | <10.0  | <10.0                                   | 9.8                                      | NE   | NE      |
| n-Butyl Alcohol                              | NA  | <20.0   | <20.0   | <20.0  | <20.0                               | <20.0  | <20.0                                   | 400                                      | NE   | 50000   |
| n-Butylbenzene                               | NA  | <0.7  | <0.5  | <0.7   | <0.7                                | <0.7   | <0.7                                    | 51                                       | NE   | NE      |
| sec-Butylbenzene                             | NA  | <0.6  | <0.6  | <0.6   | <0.6                                | <0.6   | <0.6                                    | 51                                       | NE   | NE      |
| tert-Butylbenzene                            | NA  | <0.8  | <0.8  | <0.8   | <0.8                                | <0.8   | <0.8                                    | 51                                       | NE   | NE      |
| tert-Butyl methyl Ether                      | NA  | <0.5  | <0.5  | <0.5   | <0.5                                | <0.5   | <0.5                                    | NE                                       | NE   | NE      |
| Carbon Disulfide                             | NA  | <3.0  | <3.0  | <3.0   | <3.0                                | <3.0   | <3.0                                    | 700                                      | NE   | NE      |
| Carbon Tetrachloride                         | NA  | <0.5  | <0.5  | <0.5   | <0.5                                | <0.5   | <0.5                                    | NE                                       | NE   | NE      |
| Chlorobenzene                                | NA  | <0.5  | <0.6  | <0.6   | <0.6                                | <0.6   | <0.6                                    | 100                                      | NE   | NE      |
| Chlorodibromomethane                         | NA  | <0.5  | <0.5  | <0.5   | <0.5                                | <0.5   | <0.5                                    | 0.5                                      | NE   | NE      |
| Chloroethane                                 | NA  | <0.8  | <0.8  | <0.8   | <0.8                                | <0.8   | <0.8                                    | NE                                       | NE   | NE      |
| 2-Chloroethyl methyl Ether                   | NA  | <9.6  | <9.6  | <9.6   | <9.6                                | <9.6   | <9.6                                    | NE                                       | NE   | NE      |
| Chloroform                                   | NA  | <0.8  | <0.8  | <0.8   | <0.8                                | <0.8   | <0.8                                    | NE                                       | NE   | NE      |
| Chloromethane                                | NA  | <1.2  | <1.2  | <1.2   | <1.2                                | <1.2   | <1.2                                    | 9  | NE   | NE      |
| 2-Chlorotoluene                              | NA  | <0.6  | <0.6  | <0.6   | <0.6                                | <0.6   | <0.6                                    | 2.7                                      | NE   | NE      |
| 4-Chlorotoluene                              | NA  | <0.6  | <0.6  | <0.6   | <0.6                                | <0.6   | <0.6                                    | NE                                       | NE   | NE      |
| 1,2-Dibromo-3-Chloropropane                  | NA  | <1.6  | <1.6  | <1.6   | <1.6                                | <1.6   | <1.6                                    | NE                                       | NE   | NE      |
| 1,2-Dibromoethane                            | NA  | <0.70   | <0.70   | <0.70  | <0.70                               | <0.70  | <0.70                                   | In Review                                | NE   | NE      |
| Dibromomethane                               | NA  | <1.1  | <1.1  | <1.1   | <1.1                                | <1.1   | <1.1                                    | In Review                                | NE   | NE      |
| 1,2-Dichlorobenzene                          | NA  | <0.8  | <0.8  | <0.8   | <0.8                                | <0.8   | <0.8                                    | 600                                      | NE   | NE      |
| 1,3-Dichlorobenzene                          | NA  | <0.6  | <0.6  | <0.6   | <0.6                                | <0.6   | <0.6                                    | 600                                      | NE   | 30500   |
| 1,4-Dichlorobenzene                          | NA  | <0.8  | <0.8  | <0.8   | <0.8                                | <0.8   | <0.8                                    | 24200                                    | NE   | 24200   |
| cis-1,4-Dichloro-2-Butene                    | NA  | <2.4  | <2.4  | <2.4   | <2.4                                | <2.4   | <2.4                                    | 26000                                    | NE   | 50000   |
| trans-1,4-Dichloro-2-Butene                  | NA  | <2.1  | <2.1  | <2.1   | <2.1                                | <2.1   | <2.1                                    | 26000                                    | NE   | 50000   |
| Dichlorodifluoromethane                      | NA  | <1.0  | <1.0  | <1.0   | <1.0                                | <1.0   | <1.0                                    | In Review                                | NE   | NE      |
| 1,1-Dichloroethane                           | NA  | <0.7  | <0.7  | <0.7   | <0.7                                | <0.7   | <0.7                                    | NE                                       | NE   | NE      |
| 1,2-Dichloroethane                           | NA  | <0.9  | <0.9  | <0.9   | <0.9                                | <0.9   | <0.9                                    | 70                                       | NE   | NE      |
| cis-1,2-Dichloroethylene                     | NA  | <0.6  | <0.6  | <0.6   | <0.6                                | <0.6   | <0.6                                    | 1  | NE   | NE      |
| trans-1,2-Dichloroethylene                   | NA  | <0.5  | <0.5  | <0.5   | <0.5                                | <0.5   | <0.5                                    | 7  | NE   | NE      |
| 1,3-Dichloropropane                          | NA  | <0.6  | <0.6  | <0.6   | <0.6                                | <0.6   | <0.6                                    | 96                                       | NE   | NE      |
| 1,2-Dichloropropane                          | NA  | <0.5  | <0.5  | <0.5   | <0.5                                | <0.5   | <0.5                                    | NE                                       | NE   | NE      |
| 1,3-Dichloropropane                          | NA  | <0.6  | <0.6  | <0.6   | <0.6                                | <0.6   | <0.6                                    | 70                                       | NE   | NE      |
| 2,2-Dichloropropane                          | NA  | <0.5  | <0.5  | <0.5   | <0.5                                | <0.5   | <0.5                                    | NE                                       | NE   | NE      |
| cis-1,3-Dichloropropene                      | NA  | <0.5  | <0.5  | <0.5   | <0.5                                | <0.5   | <0.5                                    | 5  | NE   | NE      |
| trans-1,3-Dichloropropene                    | NA  | <0.5  | <0.5  | <0.5   | <0.5                                | <0.5   | <0.5                                    | 0.5                                      | NE   | NE      |
| Diethyl Ether                                | NA  | <2.0  | <2.0  | <2.0   | <2.0                                | <2.0   | <2.0                                    | 34000                                    | NE   | NE      |
| Diisopropyl Ether                            | NA  | <0.5  | <0.5  | <0.5   | <0.5                                | <0.5   | <0.5                                    | 6  | NE   | NE      |
| 1,4-Dioxane                                  | NA  | <50.0   | <50.0   | <50.0  | <50.0                               | <50.0  | <50.0                                   | NE                                       | NE   | NE      |
| Ethyl Benzene                                | NA  | <0.6  | <0.6  | <0.6   | <0.6                                | <0.6   | <0.6                                    | 700                                      | NE   | NE      |
| Ethyl Methylacrylate                         | NA  | <0.8  | <0.8  | <0.8   | <0.8                                | <0.8   | <0.8                                    | NE                                       | NE   | NE      |
| Hexachlorobutadiene                          | NA  | <1.3  | <1.3  | <1.3   | <1.3                                | <1.3   | <1.3                                    | 0.45                                     | NE   | NE      |
| 2-Hexanone                                   | NA  | <9.7  | <9.7  | <9.7   | <9.7                                | <9.7   | <9.7                                    | NE                                       | NE   | NE      |
| Hexamethylenetetramine                       | NA  | <0.8  | <0.8  | <0.8   | <0.8                                | <0.8   | <0.8                                    | NE                                       | NE   | NE      |
| Isopropylbenzene                             | NA  | <0.4  | <0.4  | <0.4   | <0.4                                | <0.4   | <0.4                                    | 30                                       | NE   | NE      |
| Isopropyltoluene                             | NA  | <0.5  | <0.5  | <0.5   | <0.5                                | <0.5   | <0.5                                    | NE                                       | NE   | NE      |
| p-Isopropyltoluene                           | NA  | <0.7  | <0.7  | <0.7   | <0.7                                | <0.7   | <0.7                                    | 70                                       | NE   | NE      |
| Methyl tert-butyl ether (MTBE)               | NA  | 2.5   | <0.5  | <0.7   | <0.7                                | <0.7   | <0.7                                    | NE                                       | NE   | NE      |
| Methyl isobutyl ketone (MIBK)                | NA  | <3.0  | <3.0  | <3.0   | <3.0                                | <3.0   | <3.0                                    | 100                                      | NE   | NE      |
| Naphthalene                                  | NA  | <8.8  | <8.8  | <8.8   | <8.8                                | <8.8   | <8.8                                    | 5  | NE   | 48000   |
| n-Propylbenzene                              | NA  | <1.0  | <1.0  | <1.0   | <1.0                                | <1.0   | <1.0                                    | 350                                      | NE   | 50000   |
| Styrene                                      | NA  | <0.8  | <0.8  | <0.8   | <0.8                                | <0.8   | <0.8                                    | 280                                      | NE   | NE      |
| 1,1,1,2-Tetrachloroethane                    | NA  | <0.5  | <0.5  | <0.5   | <0.5                                | <0.5   | <0.5                                    | 100                                      | NE   | NE      |
| 1,1,2,2-Tetrachloroethane                    | NA  | <0.5  | <0.5  | <0.5   | <0.5                                | <0.5   | <0.5                                    | 1  | NE   | NE      |
| Tetrachloroethylene                          | NA  | <0.4  | <0.4  | <0.4   | <0.4                                | <0.4   | <0.4                                    | 12                                       | NE   | NE      |
| Tetrahydrofuran                              | NA  | <5.0  | <5.0  | <5.0   | <5.0                                | <5.0   | <5.0                                    | 110                                      | NE   | NE      |
| Toluene                                      | NA  | <5.0  | <5.0  | <5.0   | <5.0                                | <5.0   | <5.0                                    | 89                                       | NE   | 1500    |
| 1,2,3-Trichlorobenzene                       | NA  | <0.7  | <0.7  | <0.7   | <0.7                                | <0.7   | <0.7                                    | NE                                       | NE   | NE      |
| 1,2,4-Trichlorobenzene                       | NA  | <0.7  | <0.7  | <0.7   | <0.7                                | <0.7   | <0.7                                    | 1000                                     | NE   | 23500   |
| 1,1,1-Trichloroethane                        | NA  | <0.9  | <0.9  | <0.9   | <0.9                                | <0.9   | <0.9                                    | NE                                       | NE   | NE      |
| 1,1,2-Trichloroethane                        | NA  | <0.7  | <0.7  | <0.7   | <0.7                                | <0.7   | <0.7                                    | 70                                       | NE   | NE      |
| Trichloroethylene                            | NA  | <0.7  | <0.7  | <0.7   | <0.7                                | <0.7   | <0.7                                    | 200                                      | NE   | 20400   |
| Trichlorofluoromethane                       | NA  | <1.0  | <1.0  | <1.0   | <1.0                                | <1.0   | <1.0                                    | 5  | NE   | 8000    |
| 1,2,3-Trichloropropane                       | NA  | <1.3  | <1.3  | <1.3   | <1.3                                | <1.3   | <1.3                                    | 200                                      | NE   | 62000   |
| 1,2,4-Trichloropropane                       | NA  | <0.7  | <0.7  | <0.7   | <0.7                                | <0.7   | <0.7                                    | 5  | NE   | 1260    |
| 1,2,4-Trimethylbenzene                       | NA  | <0.5  | <0.5  | <0.5   | <0.5                                | <0.5   | <0.5                                    | 5  | NE   | 8000    |
| 1,3,5-Trimethylbenzene                       | NA  | <1.0  | <1.0  | <1.0   | <1.0                                | <1.0   | <1.0                                    | 2340                                     | NE   | 219     |
| Vinyl Acetate                                | NA  | <16.4   | <16.4   | <16.4  | <16.4                               | <16.4  | <16.4                                   | NE                                       | NE   | NE      |
| Vinyl Chloride                               | NA  | <0.3  | <0.3  | <0.3   | <0.3                                | <0.3   | <0.3                                    | 2  | NE   | NE      |
| m + p Xylene                                 | NA  | <1.3  | <1.3  | <1.3   | <1.3                                | <1.3   | <1.3                                    | 530                                      | NE   | 15300   |
| o-Xylene                                     | NA  | <0.5  | <0.5  | <0.5   | <0.5                                | <0.5   | <0.5                                    | NE                                       | NE   | NE      |
| Extractable TPH (ETPH) (mg/L)                | 0.935   | 0.433   | 0.329   | 0.373  | 0.170                               | 1.21   | 0.387                                   | 0.5                                      | NE   | NE      |
| RCRA 8 Metals (mg/L)                         |   |   |   |  |                                     |  |   |  |      |         |
| Arsenic                                      | NA  | 0.022   | 0.0986  | 0.0376   | 0.0189                              | 0.2107   | 0.0782                                  | 0.05                                     | NE   | 0.004   |
| Barium                                       | NA  | 0.944   | 4.46  | 0.654  | 0.597                               | 2.36   | 1.23                                    | 1  | NE   | NE      |
| Cadmium                                      | NA  | 0.005   | 0.0079  | 0.0033   | 0.002                               | 0.0082   | 0.0026                                  | 0.005                                    | NE   | 0.006   |
| Chromium                                     | NA  | 0.138   | 0.612   | 0.145  | 0.084                               | 0.42   | 0.186                                   | 0.05                                     | NE   | NE      |
| Lead   | NA  | 1.39  | 0.182   | 0.072  | 0.032                               | 0.326  | 0.187                                   | 0.015                                    | NE   | 0.013   |
| Mercury                                      | NA  | <0.00004  | <0.00004  | <0.00004   | <0.00004                            | <0.00004   | <0.00004                                | 0.002                                    | NE   | 0.00004 |
| Selenium                                     | NA  | <0.05   | <0.05   | <0.05  | <0.05                               | <0.05  | <0.05                                   | 0.05                                     | NE   | NE      |
| Silver                                       | NA  | <0.005  | 0.010   | <0.005   | <0.005                              | <0.005   | <0.005                                  | 0.036                                    | NE   | 0.012   |

TABLE NOTES:  
 NE - No Standard Established  
 NA - Not analyzed for this parameter  
 N/A - Not applicable  
 < - below laboratory minimum detection limits  
 GWPC - Groundwater Protection Criteria (GA/GAA)  
 SWPC - Surface water Protection Criteria  
 RES VC - Residential Volatilization Criteria  
 ug/L = micrograms per liter (roughly equivalent to parts per billion)  
 mg/L = milligrams per liter (roughly equivalent to parts per million)  
 Shaded areas - indicate concentrations above applicable standard  
 Bold type - indicate concentrations above detection limits but below applicable criteria

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# Appendix A Limitations



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**Ferry Street/Green Street****Middletown, Connecticut**

- This report has been prepared for the sole and exclusive use of the City of Middletown (Client) and is subject to and issued in connection with the Agreement and the provisions thereof. Any use or reliance upon information provided in this report, without the specific written authorization of Client and VHB, shall be at User's sole risk.
- In conducting this assessment, VHB has obtained and relied upon information from multiple sources to form certain conclusions regarding potential environmental issues at and in the vicinity of the subject property. Except as otherwise noted, no attempt has been made to verify the accuracy or completeness of such information.
- The objectives of the assessment described in this report were to assess the physical characteristics of the subject property with respect to overt evidence of past or present use, storage, and/or disposal of oil or hazardous materials, as defined in applicable state and federal environmental laws and regulations, and to gather information regarding current and past operations and environmental conditions at and in the vicinity of the subject property.
- The assessment presented in this report is based solely upon information gathered to date. Should further environmental or other relevant information be developed at a later date, Client should bring the information to the attention of VHB as soon as possible. Based upon an evaluation, VHB may modify the report and its conclusions.
- In conducting this assessment, VHB has obtained and relied upon information from multiple sources to form certain conclusions regarding potential environmental issues at and in the vicinity of the subject parcel(s). Except as otherwise noted, VHB has not verified the accuracy or completeness of such information.
- The objectives of the assessment described in this report were to investigate soil and groundwater (if encountered) quality with respect to evidence of past or present use, storage and/or disposal of oil or hazardous materials, as defined in applicable state and federal environmental law and regulations.



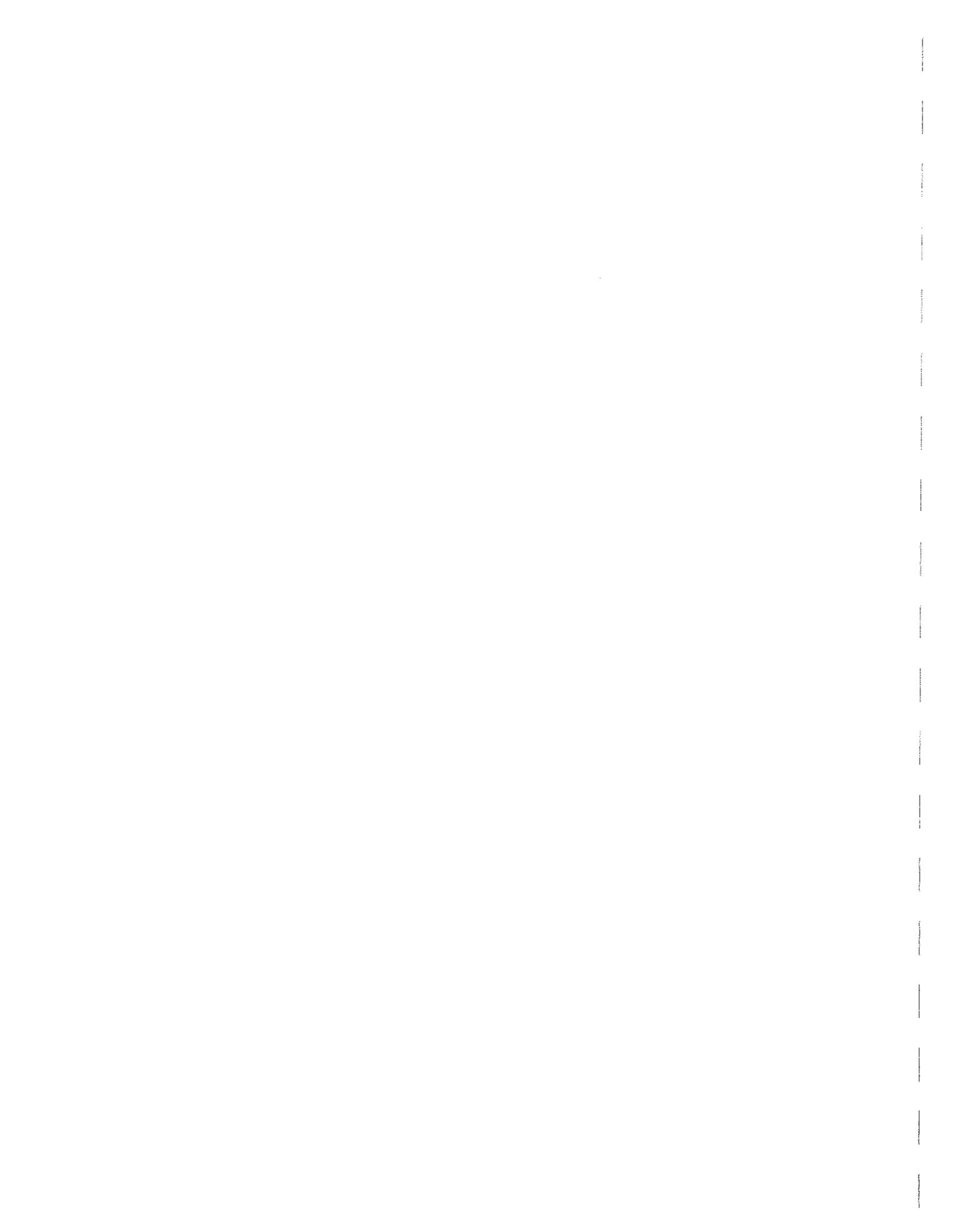
- The findings, observations and conclusions presented in this report, including the extent of subsurface explorations and other tests, are limited by the scope of services outlined in our Agreement. Furthermore, the assessment has been performed in accordance with generally accepted engineering practices. No other warranty, expressed or implied, is made.

The assessment presented in this report is based solely upon information gathered to date, including a limited number of subsurface explorations made on the dates indicated. Should further environmental or other relevant information be developed at a later date, Client should bring the information to the attention of VHB as soon as possible. Based upon an evaluation, VHB may modify the report and its conclusions.



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# Appendix B Soil Boring Logs





*Yanasse Hangen Brustlin, Inc.*

54 Tuttle Place  
Middletown, CT 06457  
Phone (860) 632-1500  
Fax (860) 632-7879

Sheet 1 of 13

Date: February 3, 2005  
Boring Number: **B-1**  
Well Number: **MW-1**

Client: City of Middletown

Project: Ferry/Green Street

Location: 60 Green Street Middletown, CT

Project Number: 40990.00

Inspector: Amy Czerwonka

Driller: Columbia Drilling Company.

### BORING/WELL LOG

| SAMPLE | Depth Range | % Recovery | Strata Change  | Field Classification And Remarks<br>(Color, Grain Size, Moisture, Etc.)    |
|--------|-------------|------------|----------------|--|
| S-1    | 0-4'        | 100        | Asphalt Sand   | Red-brown, coarse to medium grained sand; trace fine gravel; - dry         |
| S-2    | 4-8'        | 100        | Sand Silt      | Red-brown, medium grained sand; some silt; some fine gravel; -moist        |
| S-3    | 8-12'       | 100        | Sand Silt      | Red-brown, medium grained sand; some silt and clay; some fine gravel; -wet |
| S-4    | 12-16'      | 100        | Sand Silt Clay | Red-brown medium grained sand; silt and clay; some fine gravel - wet       |
| S-5    | 16-19'      | 100        | Sand Silt Clay | Red-brown medium grained sand; silt and clay - wet                         |
| S-6    | 19-21.5'    | 100        | Sand Silt Clay | Red-brown medium-fine grained sand; silt and clay - wet                    |
|        |             |            |                | Hit refusal at 21.5'   |
|        |             |            |                | End of exploration 21.5'   |
|        |             |            |                | Groundwater at approximately 10'   |
|        |             |            |                | <u>Well installed at 21.5'</u><br>10' 1" PVC screen<br>10' 1" PVC riser    |

Equipment Used: Direct-Push Geoprobe™  
Sampler: 4' long x 2" ID Macro-core Liners

#### PROPORTIONS USED

|        |           |
|--------|-----------|
| Trace  | 0 TO 10%  |
| Little | 10 TO 20% |
| Some   | 20 TO 35% |
| And    | 36 TO 60% |



Yanasse Hangen Brustlin, Inc.

54 Tuttle Place  
 Middletown, CT 06457  
 Phone (860) 632-1500  
 Fax (860) 632-7879

Sheet 2 of 13

Date: February 3, 2005

Boring Number: **B-2**

Well Number: **MW-2**

Client: City of Middletown

Project: Ferry/Green Street

Location: 60 Green Street Middletown, CT

Project Number: 40990.00

Inspector: Amy Czerwonka

Driller: Columbia Drilling Company.

### BORING/WELL LOG

| SAMPLE | Depth Range     | % Recovery | Strata Change  | Field Classification And Remarks<br>(Color, Grain Size, Moisture, Etc.)              |
|--------|-----------------|------------|----------------|--|
| S-1    | 0-4'            | 100        | Asphalt Sand   | 4" asphalt, dark brown coarse to medium grained sand; some concrete fill; - dry      |
| S-2    | 4-8'            | 100        | Sand Silt      | Red-brown, medium to fine grained sand; some silt; - dry                             |
| S-3    | 8-12'           | 100        | Sand Silt      | Red-brown fine grained sand; and silt; some fine gravel wood and fill material - wet |
| S-4    | 12-15'          | 100        | Sand Silt      | Red-brown fine grained sand; and silt; some wood and fill material - wet             |
| S-5    | 15-18'          | 100        | Sand Silt      | Red-brown fine grained sand; and silt; some wood/asphalt and fill material - wet     |
| S-6    | 18-20'          | 100        | Sand Silt Clay | Red-brown fine grained sand and silt; and clay                                       |
| S-7    | <b>20-21.5'</b> | 100        | Silt Clay      | Red-brown silt; and clay; some fine grained sand                                     |
|        |                 |            |                | End of exploration 21.5'   |
|        |                 |            |                | Groundwater at approximately 10'   |
|        |                 |            |                | <u>Well installed at 21.5'</u>   |
|        |                 |            |                | 10' 1" PVC screen  |
|        |                 |            |                | 10' 1" PVC riser   |

**Bold type indicates sample submitted for laboratory analysis**

Equipment Used: Direct-Push Geoprobe™  
 Sampler: 4' long x 2" ID Macro-core Liners

| PROPORTIONS USED |           |
|------------------|-----------|
| Trace            | 0 TO 10%  |
| Little           | 10 TO 20% |
| Some             | 20 TO 35% |
| And              | 36 TO 60% |



Vanasse Hangen Brustlin, Inc.

54 Tuttle Place  
Middletown, CT 06457  
Phone (860) 632-1500  
Fax (860) 632-7879

Sheet 3 of 13

Date: February 3, 2005  
Boring Number: B-3  
Well Number: N/A

Client: City of Middletown

Project: Ferry/Green Street

Location: 60 Green Street Middletown, CT

Project Number: 40990.00

Inspector: Amy Czerwonka

Driller: Columbia Drilling Company.

### BORING/WELL LOG

| SAMPLE | Depth Range | % Recovery | Strata Change | Field Classification And Remarks<br>(Color, Grain Size, Moisture, Etc.)               |
|--------|-------------|------------|---------------|---|
| S-1    | 0-4'        | 80         | Asphalt Sand  | 4" asphalt, brown coarse to medium grained sand; some silt and fine gravel - dry      |
| S-2    | 4-8'        | 100        | Sand Silt     | Red-brown, medium to fine grained sand; some silt; some clay - dry                    |
| S-3    | 8-12'       | 100        | Sand Silt     | Red-brown medium to fine grained sand; and silt; some clay; trace fine gravel - dry   |
| S-4    | 12-15'      | 100        | Sand Silt     | Red-brown medium to fine grained sand; and silt; some clay; trace fine gravel - moist |
|        |             |            |               | End of exploration 15'  |
|        |             |            |               | Groundwater at 12-15'   |

Equipment Used: Direct-Push Geoprobe™  
Sampler: 4' long x 2" ID Macro-core Liners

PROPORTIONS USED

|        |           |
|--------|-----------|
| Trace  | 0 TO 10%  |
| Little | 10 TO 20% |
| Some   | 20 TO 35% |
| And    | 36 TO 60% |



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54 Tuttle Place  
Middletown, CT 06457  
Phone (860) 632-1500  
Fax (860) 632-7879

Sheet 4 of 13

Date: February 3, 2005  
Boring Number: **B-4**  
Well Number: **N/A**

Client: City of Middletown  
Project: Ferry/Green Street  
Location: 57-59 Green Street Middletown, CT

Project Number: 40990.00  
Inspector: Amy Czerwonka  
Driller: Columbia Drilling Company

### BORING/WELL LOG

| SAMPLE | Depth Range | % Recovery | Strata Change | Field Classification And Remarks<br>(Color, Grain Size, Moisture, Etc.)             |
|--------|-------------|------------|---------------|---|
| S-1    | 0-4'        | 100        | Asphalt Sand  | 4" asphalt, dark brown coarse to medium grained sand (fill); - dry                  |
| S-2    | 4-8'        | 100        | Sand Silt     | Red-brown, medium to fine grained sand; some silt and clay; - dry                   |
| S-3    | 8-12'       | 100        | Sand Silt     | Red-brown medium to fine grained sand; some silt and clay; some fine gravel - moist |
| S-4    | 12-15'      | 100        | Sand Silt     | Red-brown medium to fine grained sand; some silt and clay; some fine gravel - moist |
|        |             |            |               | End of exploration 15'  |
|        |             |            |               | Groundwater at 12-15'   |

Equipment Used: Direct-Push Geoprobe™  
Sampler: 4' long x 2" ID Macro-core Liners

| PROPORTIONS USED |           |
|------------------|-----------|
| Trace            | 0 TO 10%  |
| Little           | 10 TO 20% |
| Some             | 20 TO 35% |
| And              | 36 TO 60% |



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Sheet 5 of 13

Date: February 3, 2005  
Boring Number: **B-5**  
Well Number: **MW-3**

Client: City of Middletown  
Project: Ferry/Green Street  
Location: 57-59 Green Street Middletown, CT

Project Number: 40990.00  
Inspector: Amy Czerwonka  
Driller: Columbia Drilling Company.

### BORING/WELL LOG

| SAMPLE | Depth Range | % Recovery | Strata Change | Field Classification And Remarks<br>(Color, Grain Size, Moisture, Etc.)  |
|--------|-------------|------------|---------------|--|
| S-1    | 0-4'        | 100        | Asphalt Sand  | 4" asphalt, dark brown coarse to medium grained sand (fill) - dry        |
| S-2    | 4-8'        | 100        | Sand Silt     | Red-brown, medium to fine grained sand; trace silt - dry                 |
| S-3    | 8-12'       | 100        | Sand Silt     | Red-brown, medium to fine grained sand; some silt; trace clay - dry      |
| S-4    | 12-13.5'    | 100        | Silt Clay     | Red-brown silt; and clay; some fine grained sand; - moist                |
|        |             |            |               | Refusal at 13.5'   |
|        |             |            |               | End of exploration 13.5'   |
|        |             |            |               | Groundwater at 12'   |
|        |             |            |               | <u>Well installed at 13.5'</u><br>10' 1" PVC screen<br>3.5' 1" PVC riser |

Equipment Used: Direct-Push Geoprobe™  
Sampler: 4' long x 2" ID Macro-core Liners

**PROPORTIONS USED**

|        |           |
|--------|-----------|
| Trace  | 0 TO 10%  |
| Little | 10 TO 20% |
| Some   | 20 TO 35% |
| And    | 36 TO 60% |



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54 Tuttle Place  
Middletown, CT 06457  
Phone (860) 632-1500  
Fax (860) 632-7879

Sheet 6 of 13

Date: February 3, 2005

Boring Number: **B-6**

Well Number: **MW-4**

Client: City of Middletown

Project: Ferry/Green Street

Location: 35 Green Street Middletown, CT

Project Number: 40990.00

Inspector: Amy Czerwonka

Driller: Columbia Drilling Company.

### BORING/WELL LOG

| SAMPLE | Depth Range | % Recovery | Strata Change | Field Classification And Remarks<br>(Color, Grain Size, Moisture, Etc.)             |
|--------|-------------|------------|---------------|---|
| S-1    | 0-4'        | 100        | Asphalt Sand  | 4" asphalt, 4" gravel, brown medium grained sand; some silt and gravel - dry        |
| S-2    | 4-8'        | 100        | Sand Silt     | Red-brown, medium to fine grained sand; some silt and medium to fine gravel; - dry  |
| S-3    | 8-11'       | 100        | Sand Silt     | Red-brown medium to fine grained sand; and silt; and clay; some fine gravel - moist |
| S-4    | 11-15'      | 100        | Sand Silt     | Red-brown fine grained sand; and silt; and clay - wet                               |
|        |             |            |               | End of exploration 15'  |
|        |             |            |               | Groundwater at 11-13'   |
|        |             |            |               | <u>Well installed at 15'</u>  |
|        |             |            |               | 10' 1" PVC screen   |
|        |             |            |               | 5' 1" PVC riser   |

Equipment Used: Direct-Push Geoprobe™  
Sampler: 4' long x 2" ID Macro-core Liners

#### PROPORTIONS USED

|        |           |
|--------|-----------|
| Trace  | 0 TO 10%  |
| Little | 10 TO 20% |
| Some   | 20 TO 35% |
| And    | 36 TO 60% |



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Sheet 7 of 13

Date: February 3, 2005  
Boring Number: **B-7**  
Well Number: **MW-5**

Client: City of Middletown

Project: Ferry/Green Street

Location: Green/deKoven (Lot 12B) Middletown, CT

Project Number: 40990.00

Inspector: Amy Czerwonka

Driller: Columbia Drilling Company.

### BORING/WELL LOG

| SAMPLE | Depth Range | % Recovery | Strata Change | Field Classification And Remarks<br>(Color, Grain Size, Moisture, Etc.)                       |
|--------|-------------|------------|---------------|---|
| S-1    | 0-4'        | 80         | Sand<br>Fill  | Brown medium grained sand; 6" concrete fill; trace medium gravel- dry                         |
| S-2    | 4-8'        | 100        | Sand<br>Silt  | Red-brown, medium to fine grained sand; trace medium gravel and silt - dry                    |
| S-3    | 8-12'       | 100        | Sand<br>Silt  | Red-brown medium to fine grained sand; and silt; and clay; - black staining - no odor - moist |
| S-4    | 12-15'      | 100        | Sand<br>Silt  | Red-brown medium to fine grained sand; and silt; and clay; trace gravel - wet                 |
| S-5    | 15-18'      | 100        | Sand<br>Silt  | Red-brown medium to fine grained sand; and silt; and clay; trace gravel - wet                 |
|        |             |            |               | End of exploration 18'  |
|        |             |            |               | Groundwater at 12-15'   |
|        |             |            |               | <u>Well installed at 18'</u><br>10' 1" PVC screen<br>8' 1" PVC riser                          |

**Bold type indicates sample submitted for laboratory analysis**

Equipment Used: Direct-Push Geoprobe™  
Sampler: 4' long x 2" ID Macro-core Liners

#### PROPORTIONS USED

|        |           |
|--------|-----------|
| Trace  | 0 TO 10%  |
| Little | 10 TO 20% |
| Some   | 20 TO 35% |
| And    | 36 TO 60% |



*Vanasse Hangen Brustlin, Inc.*

54 Tuttle Place  
Middletown, CT 06457  
Phone (860) 632-1500  
Fax (860) 632-7879

Sheet 8 of 13

Date: February 3, 2005

Boring Number: **B-8**

Well Number: **N/A**

Client: City of Middletown

Project: Ferry/Green Street

Location: 26-28 Ferry Street Middletown, CT

Project Number: 40990.00

Inspector: Amy Czerwonka

Driller: Columbia Drilling Company

### BORING/WELL LOG

| SAMPLE | Depth Range | % Recovery | Strata Change | Field Classification And Remarks<br>(Color, Grain Size, Moisture, Etc.)  |
|--------|-------------|------------|---------------|--|
| S-1    | 0-4'        | 80         | Sand<br>Fill  | 4" asphalt, medium to fine grained sand; 6" fill material including wood and concrete; some silt; trace medium gravel- dry |
| S-2    | 4-8'        | 100        | Sand<br>Silt  | Red-brown, medium to fine grained sand; trace medium gravel and silt - dry   |
| S-3    | 8-12'       | 100        | Sand<br>Silt  | Red-brown medium to fine grained sand; and silt; and clay; - moist   |
| S-4    | 12-15'      | 100        | Sand<br>Silt  | Red-brown medium to fine grained sand; and silt; and clay; trace gravel - wet  |
|        |             |            |               | End of exploration 15'   |
|        |             |            |               | Groundwater at 12-15'  |

**Bold type indicates sample submitted for laboratory analysis**

Equipment Used: Direct-Push Geoprobe™  
Sampler: 4' long x 2" ID Macro-core Liners

**PROPORTIONS USED**

|        |           |
|--------|-----------|
| Trace  | 0 TO 10%  |
| Little | 10 TO 20% |
| Some   | 20 TO 35% |
| And    | 36 TO 60% |



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Sheet 9 of 13

Date: February 7, 2005  
Boring Number: **B-9**  
Well Number: **MW-6**

Client: City of Middletown

Project: Ferry/Green Street

Location: 17-19 Green Street Middletown, CT

Project Number: 40990.00

Inspector: Amy Czerwonka

Driller: Columbia Drilling Company.

### BORING/WELL LOG

| SAMPLE | Depth Range | % Recovery | Strata Change | Field Classification And Remarks<br>(Color, Grain Size, Moisture, Etc.)  |
|--------|-------------|------------|---------------|--|
| S-1    | 0-4'        | 100        | Sand<br>Silt  | Red-brown medium to fine grained sand; some silt; -slight black staining - no odors - dry  |
| S-2    | 4-8'        | 100        | Sand<br>Silt  | Red-brown, medium to fine grained sand; and silt; some fill material including wood, brick and concrete - slight black staining - no odors - dry     |
| S-3    | 8-12'       | 100        | Sand<br>Silt  | Red-brown, medium to fine grained sand; and silt; some fill material including wood, brick and concrete - moderate black staining - no odors - moist |
| S-4    | 12-16'      | 100        | Sand<br>Silt  | Red-brown medium to fine grained sand; and silt; and clay; - wet   |
| S-5    | 16-19'      | 100        | Silt<br>Clay  | Red-brown silt and clay; some fine grained sand - wet  |
|        |             |            |               | End of exploration 19'   |
|        |             |            |               | Groundwater at 12-16'  |
|        |             |            |               | <u>Well installed at 16'</u><br>10' 1" PVC screen<br>6' 1" PVC riser   |

**Bold type indicates sample submitted for laboratory analysis**

Equipment Used: Direct-Push Geoprobe™  
Sampler: 4' long x 2" ID Macro-core Liners

**PROPORTIONS USED**

|        |           |
|--------|-----------|
| Trace  | 0 TO 10%  |
| Little | 10 TO 20% |
| Some   | 20 TO 35% |
| And    | 36 TO 60% |



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Sheet 10 of 13

Date: February 7, 2005

Boring Number: **B-10**

Well Number: **MW-7**

Client: City of Middletown

Project: Ferry/Green Street

Location: 26-28 Ferry Street Middletown, CT

Project Number: 40990.00

Inspector: Amy Czerwonka

Driller: Columbia Drilling Company.

### BORING/WELL LOG

| SAMPLE | Depth Range | % Recovery | Strata Change | Field Classification And Remarks<br>(Color, Grain Size, Moisture, Etc.)   |
|--------|-------------|------------|---------------|---|
| S-1    | 0-4'        | 100        | Sand<br>Fill  | 4" asphalt; red-brown medium to fine grained sand; some fill including wood, brick, and concrete; - dry   |
| S-2    | 4-8'        | 80         | Sand<br>Silt  | Red-brown, medium to fine grained sand; and silt; some fill material including wood, brick and concrete; trace clay - dry                                     |
| S-3    | 8-12'       | 100        | Sand<br>Silt  | Red-brown, medium to fine grained sand; and silt; some clay; some fill material including wood, brick and concrete - slight black staining - no odors - moist |
| S-4    | 12-15'      | 100        | Sand<br>Silt  | Red-brown medium to fine grained sand; and silt; and clay; trace fill and gravel - wet  |
| S-5    | 15-18'      | 100        | Silt<br>Clay  | Red-brown silt and clay; some fine grained sand - wet   |
|        |             |            |               | End of exploration 18'  |
|        |             |            |               | Groundwater at 12-15'   |
|        |             |            |               | <u>Well installed at 18'</u><br>10' 1" PVC screen<br>8' 1" PVC riser  |

**Bold type indicates sample submitted for laboratory analysis**

Equipment Used: Direct-Push Geoprobe™  
Sampler: 4' long x 2" ID Macro-core Liners

**PROPORTIONS USED**

|        |           |
|--------|-----------|
| Trace  | 0 TO 10%  |
| Little | 10 TO 20% |
| Some   | 20 TO 35% |
| And    | 36 TO 60% |



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Sheet 11 of 13

Date: February 7, 2005  
Boring Number: **B-11**  
Well Number: **MW-8**

Client: City of Middletown

Project: Ferry/Green Street

Location: 54 Ferry Street Middletown, CT

Project Number: 40990.00

Inspector: Amy Czerwonka

Driller: Columbia Drilling Company.

### BORING/WELL LOG

| SAMPLE | Depth Range | % Recovery | Strata Change | Field Classification And Remarks<br>(Color, Grain Size, Moisture, Etc.) |
|--------|-------------|------------|---------------|---|
| S-1    | 0-4'        | 100        | Asphalt Sand  | 4" asphalt; red-brown medium to fine grained sand; some silt; - dry     |
| S-2    | 4-8'        | 100        | Sand Silt     | Red-brown, medium to fine grained sand; and silt; some clay - dry       |
| S-3    | 8-12'       | 100        | Sand Silt     | Red-brown, medium to fine grained sand; and silt; moist                 |
| S-4    | 12-15'      | 100        | Sand Silt     | Red-brown fine grained sand ; and silt; some clay- wet                  |
| S-5    | 15-16'      | 100        | Silt Clay     | Red-brown silt and clay; some fine grained sand - wet                   |
|        |             |            |               | End of exploration 16'  |
|        |             |            |               | Groundwater at 12-15'   |
|        |             |            |               | <u>Well installed at 16'</u><br>10' 1" PVC screen<br>6' 1" PVC riser    |

**Bold type indicates sample submitted for laboratory analysis**

Equipment Used: Direct-Push Geoprobe™  
Sampler: 4' long x 2" ID Macro-core Liners

**PROPORTIONS USED**

|        |           |
|--------|-----------|
| Trace  | 0 TO 10%  |
| Little | 10 TO 20% |
| Some   | 20 TO 35% |
| And    | 36 TO 60% |



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Sheet 12 of 13

Date: February 7, 2005  
Boring Number: **B-12**  
Well Number: **MW-9**

Client: City of Middletown  
Project: Ferry/Green Street  
Location: 70 (Rear) Ferry Street Middletown, CT

Project Number: 40990.00  
Inspector: Amy Czerwonka  
Driller: Columbia Drilling Company.

### BORING/WELL LOG

| SAMPLE     | Depth Range   | % Recovery | Strata Change | Field Classification And Remarks<br>(Color, Grain Size, Moisture, Etc.)                           |
|------------|---------------|------------|---------------|---|
| <b>S-1</b> | <b>0-4'</b>   | <b>100</b> | Asphalt Sand  | 4" asphalt; red-brown medium to fine grained sand; and silt; trace clay; trace fine gravel; - dry |
| <b>S-2</b> | <b>4-8'</b>   | <b>100</b> | Sand Silt     | Red-brown, medium to fine grained sand; and silt; trace clay - dry                                |
| <b>S-3</b> | <b>8-12'</b>  | <b>100</b> | Sand Silt     | Red-brown, medium to fine grained sand; and silt; some clay; - dry                                |
| <b>S-4</b> | <b>12-15'</b> | <b>100</b> | Sand Silt     | Red-brown medium to fine grained sand; and silt; and clay; - dry                                  |
| <b>S-5</b> | <b>15-19'</b> | <b>100</b> | Silt Clay     | Red-brown silt and clay; some fine grained sand - dry   |
| <b>S-6</b> | <b>19-22'</b> | <b>100</b> | Silt Clay     | Red-brown silt and clay; some fine grained sand - dry   |
|            |               |            |               | End of exploration 22'  |
|            |               |            |               | Groundwater at > 22'  |
|            |               |            |               | Reached max depth with Geoprobe   |
|            |               |            |               | <u>Did not install well/ did not encounter groundwater</u>  |

**Bold type indicates sample submitted for laboratory analysis**

Equipment Used: Direct-Push Geoprobe™  
Sampler: 4' long x 2" ID Macro-core Liners

**PROPORTIONS USED**

|        |           |
|--------|-----------|
| Trace  | 0 TO 10%  |
| Little | 10 TO 20% |
| Some   | 20 TO 35% |
| And    | 36 TO 60% |



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Sheet 13 of 13

Date: February 7, 2005  
Boring Number: **B-13**  
Well Number: **N/A**

Client: City of Middletown  
Project: Ferry/Green Street  
Location: 68-70 Ferry Street Middletown, CT

Project Number: 40990.00  
Inspector: Amy Czerwonka  
Driller: Columbia Drilling Company.

### BORING/WELL LOG

| SAMPLE     | Depth Range   | % Recovery | Strata Change | Field Classification And Remarks<br>(Color, Grain Size, Moisture, Etc.)  |
|------------|---------------|------------|---------------|--|
| <b>S-1</b> | <b>0-4'</b>   | 100        | Asphalt Fill  | 4" asphalt; fill including brick and wood; red-brown medium to fine grained sand; and silt; trace fine gravel; - dry |
| <b>S-2</b> | <b>4-8'</b>   | 100        | Sand Silt     | Red-brown, medium to fine grained sand; and silt; trace clay; trace fill-dry   |
| <b>S-3</b> | <b>8-12'</b>  | 100        | Sand Silt     | Red-brown, medium to fine grained sand; and silt; some clay; trace fill; trace fine gravel - dry                     |
| <b>S-4</b> | <b>12-14'</b> | 100        | Sand Silt     | Red-brown, medium to fine grained sand; and silt; some clay; trace fill; trace fine gravel - dry                     |
|            |               |            |               | Hit refusal at 14'   |
|            |               |            |               | End of exploration 14'   |
|            |               |            |               | Groundwater at > 14'   |

**Bold type indicates sample submitted for laboratory analysis**

Equipment Used: Direct-Push Geoprobe™  
Sampler: 4' long x 2" ID Macro-core Liners

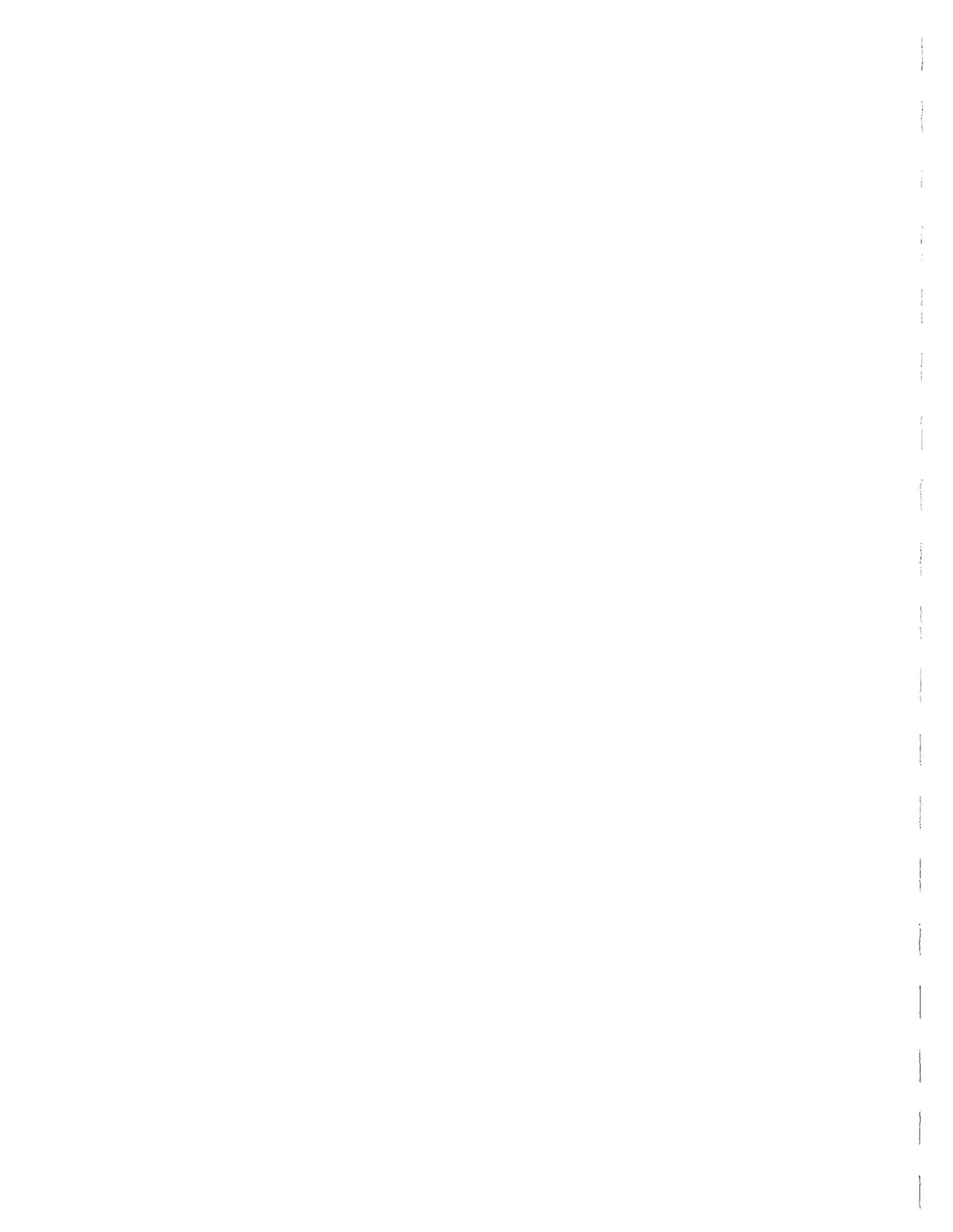
**PROPORTIONS USED**  
Trace 0 TO 10%  
Little 10 TO 20%  
Some 20 TO 35%  
And 36 TO 60%



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# Appendix C

## Laboratory Analytical Reports





39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

REPORT DATE 2/17/2005

VANASSE HANGEN BRUSTLIN, INC.  
54 TUTTLE PLACE  
MIDDLETOWN, CT 06457  
ATTN: AMY CZERWONKA

CONTRACT NUMBER:  
PURCHASE ORDER NUMBER: 40990.00

PROJECT NUMBER:

**ANALYTICAL SUMMARY**

LIMS BAT #: LIMS-85853

JOB NUMBER: 40990.00

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: FERRY & GREEN STREET, MIDDLETOWN, CT.

| FIELD SAMPLE # | LAB ID   | MATRIX     | SAMPLE DESCRIPTION | TEST             |
|----------------|----------|------------|--------------------|------------------|
| B-2            | 05B04151 | SOIL       | 60 GREEN ST        | 8260 dry weight  |
| B-2            | 05B04151 | SOIL       | 60 GREEN ST        | elph dry weight  |
| B-2            | 05B04151 | SOIL       | 60 GREEN ST        | solids (percent) |
| B-2 DUP        | 05B04157 | SOIL       | DUPLICATE          | 8260 dry weight  |
| B-2 DUP        | 05B04157 | SOIL       | DUPLICATE          | elph dry weight  |
| B-2 DUP        | 05B04157 | SOIL       | DUPLICATE          | solids (percent) |
| B-5            | 05B04152 | SOIL       | 57-59 GREEN ST     | 8260 dry weight  |
| B-5            | 05B04152 | SOIL       | 57-59 GREEN ST     | elph dry weight  |
| B-5            | 05B04152 | SOIL       | 57-59 GREEN ST     | solids (percent) |
| B-7            | 05B04153 | SOIL       | LOT 12B GREEN ST   | 8260 dry weight  |
| B-7            | 05B04153 | SOIL       | LOT 12B GREEN ST   | elph dry weight  |
| B-7            | 05B04153 | SOIL       | LOT 12B GREEN ST   | metals-8 slg lcp |
| B-7            | 05B04153 | SOIL       | LOT 12B GREEN ST   | solids (percent) |
| B-8            | 05B04154 | SOIL       | 26-28 FERRY ST     | 8260 dry weight  |
| B-8            | 05B04154 | SOIL       | 26-28 FERRY ST     | elph dry weight  |
| B-8            | 05B04154 | SOIL       | 26-28 FERRY ST     | metals-8 slg lcp |
| B-8            | 05B04154 | SOIL       | 26-28 FERRY ST     | solids (percent) |
| MW-4           | 05B04155 | GRND WATER | 35 GREEN ST        | 8260 water       |
| MW-4           | 05B04155 | GRND WATER | 35 GREEN ST        | elph water       |
| MW-4           | 05B04155 | GRND WATER | 35 GREEN ST        | metals-8rcra h2o |
| TRIP BLANK     | 05B04156 | WATER OTHE | HCL TRIP BLANK     | 8260 water       |



39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

REPORT DATE 2/17/2005

VANASSE HANGEN BRUSTLIN, INC.  
54 TUTTLE PLACE  
MIDDLETOWN, CT 06457  
ATTN: AMY CZERWONKA

CONTRACT NUMBER:  
PURCHASE ORDER NUMBER: 40990.00

PROJECT NUMBER:

**ANALYTICAL SUMMARY**

LIMS BAT #: LIMS-85853  
JOB NUMBER: 40990.00

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations :

|                           |                                 |                                 |
|---------------------------|---------------------------------|---------------------------------|
| AIHA 100033               | AIHA ELLAP (LEAD) 100033        |                                 |
| MASSACHUSETTS MA0100      | NEW HAMPSHIRE NELAP 2516        | NEW JERSEY NELAP NJ MA007 (AIR) |
| CONNECTICUT PH-0567       | VERMONT DOH (LEAD) No. LL015036 | ARIZONA AZ0648                  |
| NEW YORK ELAP/NELAP 10899 | RHODE ISLAND (LIC. No. 112)     | ARIZONA AZ0654 (AIR)            |

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

*Edward Denson 2/17/05*

Tod Kopyscinski  
Director of Operations

Sondra S. Kocot  
Quality Control Coordinator

SIGNATURE

DATE

Edward Denson  
Technical Director













39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

AMY CZERWONKA  
VANASSE HANGEN BRUSTLIN, INC.  
54 TUTTLE PLACE  
MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

2/17/2005  
Page 6 of 32

Project Location: FERRY & GREEN STREET, MIDDLETOWN, CT.  
Date Received: 2/4/2005  
Field Sample #: B-2 DUP

LIMS-BAT #: LIMS-85853  
Job Number: 40990.00

Sample ID : 05B04157                      Sampled : 2/3/2005  
DUPLICATE

Sample Matrix: SOIL

|                           | Units        | Results | Date Analyzed | Analyst | RL    | SPEC Limit |    | P/ F |
|---------------------------|--------------|---------|---------------|---------|-------|------------|----|------|
|                           |              |         |               |         |       | Lo         | Hi |      |
| n-Propylbenzene           | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Styrene                   | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,1,1,2-Tetrachloroethane | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,1,2,2-Tetrachloroethane | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |
| Tetrachloroethylene       | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Tetrahydrofuran           | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.006 |            |    |      |
| Toluene                   | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.003 |            |    |      |
| 1,2,3-Trichlorobenzene    | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,2,4-Trichlorobenzene    | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,1,1-Trichloroethane     | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,1,2-Trichloroethane     | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Trichloroethylene         | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Trichlorofluoromethane    | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,2,3-Trichloropropane    | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |
| 1,2,4-Trimethylbenzene    | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,3,5-Trimethylbenzene    | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Vinyl Acetate             | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.021 |            |    |      |
| Vinyl Chloride            | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| m + p Xylene              | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |
| o-Xylene                  | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

\* = See end of report for comments and notes applying to this sample





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AMY CZERWONKA  
 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

2/17/2005  
 Page 8 of 32

Purchase Order No.: 40990.00

Project Location: FERRY & GREEN STREET, MIDDLETOWN, CT.

LIMS-BAT #: LIMS-85853

Date Received: 2/4/2005

Job Number: 40990.00

Field Sample #: B-5

Sample ID: 05B04152

Sampled: 2/3/2005  
 57-59 GREEN ST

Sample Matrix: SOIL

|                             | Units        | Results | Date Analyzed | Analyst | RL    | SPEC Limit |    | P/ F |
|-----------------------------|--------------|---------|---------------|---------|-------|------------|----|------|
|                             |              |         |               |         |       | Lo         | Hi |      |
| 1,3-Dichlorobenzene         | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,4-Dichlorobenzene         | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| cis-1,4-Dichloro-2-Butene   | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.003 |            |    |      |
| trans-1,4-Dichloro-2-Butene | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.003 |            |    |      |
| Dichlorodifluoromethane     | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |
| 1,1-Dichloroethane          | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,2-Dichloroethane          | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |
| 1,1-Dichloroethylene        | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| cis-1,2-Dichloroethylene    | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |
| trans-1,2-Dichloroethylene  | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,2-Dichloropropane         | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,3-Dichloropropane         | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |
| 2,2-Dichloropropane         | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |
| 1,1-Dichloropropene         | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |
| cis-1,3-Dichloropropene     | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |
| trans-1,3-Dichloropropene   | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Diethyl Ether               | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.003 |            |    |      |
| Dilsopropyl Ether           | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,4-Dioxane                 | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.058 |            |    |      |
| Ethyl Benzene               | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Ethyl Methacrylate          | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Hexachlorobutadiene         | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |
| 2-Hexanone                  | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.012 |            |    |      |
| Iodomethane                 | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Isopropylbenzene            | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| p-Isopropyltoluene          | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| MTBE                        | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Methylene Chloride          | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.018 |            |    |      |
| MIBK                        | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.011 |            |    |      |
| Naphthalene                 | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |

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\* = See end of report for comments and notes applying to this sample





39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

AMY CZERWONKA  
 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

2/17/2005  
 Page 10 of 32

Project Location: FERRY & GREEN STREET, MIDDLETOWN, CT.

LIMS-BAT #: LIMS-85853

Date Received: 2/4/2005

Job Number: 40990.00

Field Sample #: B-7

Sample ID : 05B04153

Sampled : 2/3/2005  
 LOT 12B GREEN ST

Sample Matrix: SOIL

|                             | Units        | Results | Date Analyzed | Analyst | RL    | SPEC Limit |    | P/ F |
|-----------------------------|--------------|---------|---------------|---------|-------|------------|----|------|
|                             |              |         |               |         |       | Lo         | Hi |      |
| Acetone                     | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.060 |            |    |      |
| Acrolein                    | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.024 |            |    |      |
| Acrylonitrile               | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.006 |            |    |      |
| tert-Amylmethyl Ether       | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Benzene                     | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Bromobenzene                | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Bromochloromethane          | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Bromodichloromethane        | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Bromoform                   | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Bromomethane                | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 2-Butanone (MEK)            | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.014 |            |    |      |
| tert-Butyl Alcohol          | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.024 |            |    |      |
| n-Butylbenzene              | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| sec-Butylbenzene            | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| tert-Butylbenzene           | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| tert-Butylethyl Ether       | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Carbon Disulfide            | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.004 |            |    |      |
| Carbon Tetrachloride        | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Chlorobenzene               | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Chlorodibromomethane        | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Chloroethane                | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 2-Chloroethylvinylether     | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.011 |            |    |      |
| Chloroform                  | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |
| Chloromethane               | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.018 |            |    |      |
| 2-Chlorotoluene             | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 4-Chlorotoluene             | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,2-Dibromo-3-Chloropropane | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |
| 1,2-Dibromoethane           | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Dibromomethane              | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,2-Dichlorobenzene         | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |

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AMY CZERWONKA  
 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

2/17/2005  
 Page 11 of 32

Project Location: FERRY & GREEN STREET, MIDDLETOWN, CT.  
 Date Received: 2/4/2005  
 Field Sample #: B-7

LIMS-BAT #: LIMS-85853  
 Job Number: 40990.00

Sample ID: 05B04153      Sampled: 2/3/2005  
 LOT 12B GREEN ST

Sample Matrix: SOIL

|                             | Units        | Results | Date Analyzed | Analyst | RL    | SPEC Limit |    | P/ F |
|-----------------------------|--------------|---------|---------------|---------|-------|------------|----|------|
|                             |              |         |               |         |       | Lo         | Hi |      |
| 1,3-Dichlorobenzene         | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,4-Dichlorobenzene         | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| cis-1,4-Dichloro-2-Butene   | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.003 |            |    |      |
| trans-1,4-Dichloro-2-Butene | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.003 |            |    |      |
| Dichlorodifluoromethane     | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,1-Dichloroethane          | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,2-Dichloroethane          | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,1-Dichloroethylene        | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| cis-1,2-Dichloroethylene    | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| trans-1,2-Dichloroethylene  | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,2-Dichloropropane         | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,3-Dichloropropane         | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 2,2-Dichloropropane         | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,1-Dichloropropene         | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |
| cis-1,3-Dichloropropene     | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| trans-1,3-Dichloropropene   | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Diethyl Ether               | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |
| Diisopropyl Ether           | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,4-Dioxane                 | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.060 |            |    |      |
| Ethyl Benzene               | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Ethyl Methacrylate          | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Hexachlorobutadiene         | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |
| 2-Hexanone                  | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.012 |            |    |      |
| Iodomethane                 | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Isopropylbenzene            | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| p-Isopropyltoluene          | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| MTBE                        | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Methylene Chloride          | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.018 |            |    |      |
| MIBK                        | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.011 |            |    |      |
| Naphthalene                 | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |

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 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

2/17/2005  
 Page 12 of 32

Project Location: FERRY & GREEN STREET, MIDDLETOWN, CT.  
 Date Received: 2/4/2005  
 Field Sample #: B-7

LIMS-BAT #: LIMS-85853  
 Job Number: 40990.00

Sample ID: 05B04153  
 Sampled: 2/3/2005  
 LOT 12B GREEN ST

Sample Matrix: SOIL

|                           | Units        | Results | Date Analyzed | Analyst | RL    | SPEC Limit |    | P/ F |
|---------------------------|--------------|---------|---------------|---------|-------|------------|----|------|
|                           |              |         |               |         |       | Lo         | Hi |      |
| n-Propylbenzene           | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Styrene                   | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,1,1,2-Tetrachloroethane | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,1,2,2-Tetrachloroethane | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |
| Tetrachloroethylene       | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Tetrahydrofuran           | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.006 |            |    |      |
| Toluene                   | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |
| 1,2,3-Trichlorobenzene    | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,2,4-Trichlorobenzene    | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,1,1-Trichloroethane     | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,1,2-Trichloroethane     | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Trichloroethylene         | mg/kg dry wt | 0.002   | 02/08/05      | MFF     | 0.001 |            |    |      |
| Trichlorofluoromethane    | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,2,3-Trichloropropane    | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |
| 1,2,4-Trimethylbenzene    | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| 1,3,5-Trimethylbenzene    | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| Vinyl Acetate             | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.020 |            |    |      |
| Vinyl Chloride            | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |
| m + p Xylene              | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.002 |            |    |      |
| o-Xylene                  | mg/kg dry wt | ND      | 02/08/05      | MFF     | 0.001 |            |    |      |

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

2/17/2005  
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Project Location: FERRY & GREEN STREET, MIDDLETOWN, CT.  
 Date Received: 2/4/2005  
 Field Sample #: MW-4

LIMS-BAT #: LIMS-85853  
 Job Number: 40990.00

Sample ID: \*05B04155      Sampled: 2/3/2005  
 35 GREEN ST

Sample Matrix: GRND WATER

|                             | Units | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|-----------------------------|-------|---------|---------------|---------|------|------------|----|------|
|                             |       |         |               |         |      | Lo         | Hi |      |
| 1,3-Dichlorobenzene         | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 1,4-Dichlorobenzene         | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| cis-1,4-Dichloro-2-Butene   | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| trans-1,4-Dichloro-2-Butene | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Dichlorodifluoromethane     | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 1,1-Dichloroethane          | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 1,2-Dichloroethane          | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 1,1-Dichloroethylene        | ug/l  | ND      | 02/09/05      | LBD     | 1.0  |            |    |      |
| cis-1,2-Dichloroethylene    | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| trans-1,2-Dichloroethylene  | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 1,2-Dichloropropane         | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 1,3-Dichloropropane         | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 2,2-Dichloropropane         | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 1,1-Dichloropropene         | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| cis-1,3-Dichloropropene     | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| trans-1,3-Dichloropropene   | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Diethyl Ether               | ug/l  | ND      | 02/09/05      | LBD     | 1.0  |            |    |      |
| Diisopropyl Ether           | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 1,4-Dioxane                 | ug/l  | ND      | 02/09/05      | LBD     | 50.0 |            |    |      |
| Ethyl Benzene               | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Ethyl Methacrylate          | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Hexachlorobutadiene         | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 2-Hexanone                  | ug/l  | ND      | 02/09/05      | LBD     | 5.0  |            |    |      |
| Iodomethane                 | ug/l  | ND      | 02/09/05      | LBD     | 1.0  |            |    |      |
| Isopropylbenzene            | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| p-Isopropyltoluene          | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| MTBE                        | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Methylene Chloride          | ug/l  | ND      | 02/09/05      | LBD     | 2.0  |            |    |      |
| MIBK                        | ug/l  | ND      | 02/09/05      | LBD     | 5.0  |            |    |      |
| Naphthalene                 | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |

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AMY CZERWONKA  
 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

2/17/2005  
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Project Location: FERRY & GREEN STREET, MIDDLETOWN, CT.  
 Date Received: 2/4/2005  
 Field Sample #: TRIP BLANK

LIMS-BAT #: LIMS-85853  
 Job Number: 40990.00

Sample ID: \*05B04156. Sampled: 2/3/2005  
 HCL TRIP BLANK

Sample Matrix: WATER OTHER

|                             | Units | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|-----------------------------|-------|---------|---------------|---------|------|------------|----|------|
|                             |       |         |               |         |      | Lo         | Hi |      |
| Acetone                     | ug/l  | ND      | 02/09/05      | LBD     | 10.0 |            |    |      |
| Acrolein                    | ug/l  | ND      | 02/09/05      | LBD     | 10.0 |            |    |      |
| Acrylonitrile               | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| tert-Amylmethyl Ether       | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Benzene                     | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Bromobenzene                | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Bromochloromethane          | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Bromodichloromethane        | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Bromoform                   | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Bromomethane                | ug/l  | ND      | 02/09/05      | LBD     | 1.0  |            |    |      |
| 2-Butanone (MEK)            | ug/l  | ND      | 02/09/05      | LBD     | 5.0  |            |    |      |
| tert-Butyl Alcohol          | ug/l  | ND      | 02/09/05      | LBD     | 10.0 |            |    |      |
| n-Butylbenzene              | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| sec-Butylbenzene            | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| tert-Butylbenzene           | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| tert-Butylethyl Ether       | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Carbon Disulfide            | ug/l  | ND      | 02/09/05      | LBD     | 1.0  |            |    |      |
| Carbon Tetrachloride        | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Chlorobenzene               | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Chlorodibromomethane        | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Chloroethane                | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 2-Chloroethylvinylether     | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Chloroform                  | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Chloromethane               | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 2-Chlorotoluene             | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 4-Chlorotoluene             | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 1,2-Dibromo-3-Chloropropane | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 1,2-Dibromoethane           | ug/l  | ND      | 02/09/05      | LBD     | 0.50 |            |    |      |
| Dibromomethane              | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 1,2-Dichlorobenzene         | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |

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 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

2/17/2005  
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Project Location: FERRY & GREEN STREET, MIDDLETOWN, CT.

LIMS-BAT #: LIMS-85853

Date Received: 2/4/2005

Job Number: 40990.00

Field Sample #: TRIP BLANK

Sample ID: \*05B04156

Sampled: 2/3/2005

HCL TRIP BLANK

Sample Matrix: WATER OTHER

|                             | Units | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|-----------------------------|-------|---------|---------------|---------|------|------------|----|------|
|                             |       |         |               |         |      | Lo         | Hi |      |
| 1,3-Dichlorobenzene         | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 1,4-Dichlorobenzene         | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| cis-1,4-Dichloro-2-Butene   | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| trans-1,4-Dichloro-2-Butene | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Dichlorodifluoromethane     | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 1,1-Dichloroethane          | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 1,2-Dichloroethane          | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 1,1-Dichloroethylene        | ug/l  | ND      | 02/09/05      | LBD     | 1.0  |            |    |      |
| cis-1,2-Dichloroethylene    | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| trans-1,2-Dichloroethylene  | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 1,2-Dichloropropane         | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 1,3-Dichloropropane         | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 2,2-Dichloropropane         | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 1,1-Dichloropropene         | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| cis-1,3-Dichloropropene     | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| trans-1,3-Dichloropropene   | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Diethyl Ether               | ug/l  | ND      | 02/09/05      | LBD     | 1.0  |            |    |      |
| Diisopropyl Ether           | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 1,4-Dioxane                 | ug/l  | ND      | 02/09/05      | LBD     | 50.0 |            |    |      |
| Ethyl Benzene               | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Ethyl Methacrylate          | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Hexachlorobutadiene         | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| 2-Hexanone                  | ug/l  | ND      | 02/09/05      | LBD     | 5.0  |            |    |      |
| Iodomethane                 | ug/l  | ND      | 02/09/05      | LBD     | 1.0  |            |    |      |
| Isopropylbenzene            | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| p-Isopropyltoluene          | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| MTBE                        | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |
| Methylene Chloride          | ug/l  | 4.1     | 02/09/05      | LBD     | 2.0  |            |    |      |
| MIBK                        | ug/l  | ND      | 02/09/05      | LBD     | 5.0  |            |    |      |
| Naphthalene                 | ug/l  | ND      | 02/09/05      | LBD     | 0.5  |            |    |      |

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39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

AMY CZERWONKA  
VANASSE HANGEN BRUSTLIN, INC.  
54 TUTTLE PLACE  
MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

2/17/2005  
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Project Location: FERRY & GREEN STREET, MIDDLETOWN, CT.  
Date Received: 2/4/2005

LIMS-BAT #: LIMS-85853  
Job Number: 40990.00

Analytical Method:

Extractable TPH (CT ETPH)

SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE AND ANALYZED BY GAS CHROMATOGRAPHY WITH FLAME IONIZATION DETECTION (GC/FID).

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2/17/2005  
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Purchase Order No.: 40990.00

Project Location: FERRY & GREEN STREET, MIDDLETOWN, CT.

LIMS-BAT #: LIMS-85853

Date Received: 2/4/2005

Job Number: 40990.00

Field Sample #: MW-4

Sample ID: 05B04155

Sampled: 2/3/2005

35 GREEN ST

Sample Matrix: GRND WATER

|                        | Units | Results | Date Analyzed | Analyst | RL    | SPEC Limit<br>Lo HI | P/ F |
|------------------------|-------|---------|---------------|---------|-------|---------------------|------|
| Extractable TPH (ETPH) | mg/l  | 0.329   | 02/08/05      | MDT     | 0.090 |                     |      |

Analytical Method:

Extractable TPH (CT ETPH)

SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE AND ANALYZED BY GAS CHROMATOGRAPHY WITH FLAME IONIZATION DETECTION (GC/FID).

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Purchase Order No.: 40990.00

Project Location: FERRY & GREEN STREET, MIDDLETOWN, CT.

LIMS-BAT #: LIMS-85853

Date Received: 2/4/2005

Job Number: 40990.00

Analytical Method: Arsenic

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Barium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Cadmium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Chromium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Lead

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Mercury

SW846 3050/7471

SAMPLES ARE DIGESTED WITH ACIDS AND THEN ANALYZED BY  
COLD VAPOR (FLAMELESS) ATOMIC ABSORPTION SPECTROPHOTOMETRY

Analytical Method: Selenium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Silver

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

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Purchase Order No.: 40990.00

2/17/2005  
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Project Location: FERRY & GREEN STREET, MIDDLETOWN, CT.  
Date Received: 2/4/2005  
Field Sample #: MW-4

LIMS-BAT #: LIMS-85853  
Job Number: 40990.00

Sample ID : 05B04155                      Sampled : 2/3/2005  
35 GREEN ST

Sample Matrix: GRND WATER

|          | Units | Results | Date Analyzed | Analyst | RL      | SPEC Limit<br>Lo      Hi | P/ F |
|----------|-------|---------|---------------|---------|---------|--------------------------|------|
| Arsenic  | mg/l  | 0.0696  | 02/16/05      | WHW     | 0.0500  |                          |      |
| Barium   | mg/l  | 4.46    | 02/17/05      | KRL     | 0.0010  |                          |      |
| Cadmium  | mg/l  | 0.0079  | 02/17/05      | KRL     | 0.0005  |                          |      |
| Chromium | mg/l  | 0.612   | 02/17/05      | KRL     | 0.004   |                          |      |
| Lead     | mg/l  | 0.182   | 02/17/05      | KRL     | 0.002   |                          |      |
| Mercury  | mg/l  | ND      | 02/10/05      | JTB     | 0.00004 |                          |      |
| Selenium | mg/l  | ND      | 02/17/05      | KRL     | 0.05    |                          |      |
| Silver   | mg/l  | 0.010   | 02/17/05      | KRL     | 0.005   |                          |      |

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Purchase Order No.: 40990.00

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Project Location: FERRY & GREEN STREET, MIDDLETOWN, CT.

LIMS-BAT #: LIMS-85853

Date Received: 2/4/2005

Job Number: 40990.00

Analytical Method: Arsenic

SM 3113 B AS

SAMPLES ARE DIGESTED WITH NITRIC ACID AND ANALYZED BY GRAPHITE FURNACE  
ATOMIC ABSORPTION SPECTROPHOTOMETRY.

Analytical Method: Barium

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY  
(ICP).

Analytical Method: Cadmium

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY  
(ICP).

Analytical Method: Chromium

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY  
(ICP).

Analytical Method: Lead

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY  
(ICP).

Analytical Method: Mercury

EPA 245.1/SW846 7470

COLD VAPOR TECHNIQUE (FLAMELESS ABSORPTION AT 254 NM)

Analytical Method: Selenium

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY  
(ICP).

Analytical Method: Silver

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY  
(ICP).

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MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

2/17/2005  
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Project Location: FERRY & GREEN STREET, MIDDLETOWN, CT.  
Date Received: 2/4/2005

LIMS-BAT #: LIMS-85853  
Job Number: 40990.00

Analytical Method:

SM 2540G

PERCENT OF SAMPLE REMAINING AFTER DRYING OVERNIGHT AT 103-105 DEGREES  
CENTIGRADE.

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Purchase Order No.: 40990.00

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Project Location: FERRY & GREEN STREET, MIDDLETOWN, CT.  
Date Received: 2/4/2005

LIMS-BAT #: LIMS-85853  
Job Number: 40990.00

The following notes were attached to the reported analysis :

Sample ID: \* 05B04155

Analysis: Bromoform

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE HIGH SIDE FOR THIS COMPOUND.

Sample ID: \* 05B04155

Analysis: Bromomethane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANY REPORTED RESULT FOR THIS COMPOUND IN THIS SAMPLE IS LIKELY TO BE BIASED ON THE LOW SIDE.

Sample ID: \* 05B04155

Analysis: Chlorodibromomethane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE HIGH SIDE FOR THIS COMPOUND.

Sample ID: \* 05B04155

Analysis: 1,2-Dibromo-3-Chloropropane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE HIGH SIDE FOR THIS COMPOUND.

Sample ID: \* 05B04155

Analysis: Dichlorodifluoromethane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED AND IS LIKELY.

Sample ID: \* 05B04155

Analysis: 2,2-Dichloropropane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANY REPORTED RESULT FOR THIS COMPOUND IN THIS SAMPLE IS LIKELY TO BE BIASED ON THE LOW SIDE.

Sample ID: \* 05B04155

Analysis: 1,4-Dioxane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE HIGH SIDE FOR THIS COMPOUND.

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Purchase Order No.: 40990.00

2/17/2005  
Page 32 of 32

Project Location: FERRY & GREEN STREET, MIDDLETOWN, CT.  
Date Received: 2/4/2005

LIMS-BAT #: LIMS-85853  
Job Number: 40990.00

Sample ID: \* 05B04155  
Analysis: Hexachlorobutadiene

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL  
BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX  
EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED AND  
IS LIKELY.

Sample ID: \* 05B04155  
Analysis: MIBK

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT  
AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE  
HIGH SIDE FOR THIS COMPOUND.

Sample ID: \* 05B04155  
Analysis: Tetrachloroethylene

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL  
BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX  
EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED AND  
IS LIKELY.

Sample ID: \* 05B04156  
Analysis: Methylene Chloride

METHYLENE CHLORIDE IS A COMMON LABORATORY CONTAMINANT.

\*\* END OF REPORT \*\*

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 2/17/2005

Lims Bat #: LIMS-85853

Page 1 of 23

QC Batch Number: GC/FID-12582

| Sample Id   | Analysis               | QC Analysis | Values | Units | Limits |
|-------------|------------------------|-------------|--------|-------|--------|
| BLANK-70047 | Extractable TPH (ETPH) | Blank       | <0.075 | mg/l  |        |



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 2/17/2005 Lims Bat #: LIMS-85853 Page 2 of 23

QC Batch Number: GC/FID-12583

| Sample Id   | Analysis               | QC Analysis          | Values | Units          | Limits |
|-------------|------------------------|----------------------|--------|----------------|--------|
| 05B04157    | Extractable TPH (ETPH) | Sample Amount        | <11.   | mg/kg dry weig |        |
|             |                        | Matrix Spk Amt Added | 36.5   | mg/kg dry weig |        |
|             |                        | MS Amt Measured      | 33.3   | mg/kg dry weig |        |
|             |                        | Matrix Spike % Rec.  | 91.3   | %              |        |
|             |                        | MSD Amount Added     | 36.5   | mg/kg dry weig |        |
|             |                        | MSD Amt Measured     | 31.3   | mg/kg dry weig |        |
|             |                        | MSD % Recovery       | 85.8   | %              |        |
|             |                        | MSD Range            | 5.5    | units          |        |
|             |                        | MS Duplicate RPD     | 6.2    | %              |        |
| BLANK-70050 | Extractable TPH (ETPH) | Blank                | <10.   | mg/kg dry weig |        |



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 2/17/2005

Lims Bat #: LIMS-85853

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QC Batch Number: GCMS/VOL-11420

| Sample Id            | Analysis               | QC Analysis        | Values       | Units        | Limits |
|----------------------|------------------------|--------------------|--------------|--------------|--------|
| 05B04151             | 1,2-Dichloroethane-d4  | Surrogate Recovery | 125.280      | %            | 70-130 |
|                      | Toluene-d8             | Surrogate Recovery | 95.880       | %            | 70-130 |
|                      | Bromofluorobenzene     | Surrogate Recovery | 105.000      | %            | 70-130 |
| 05B04152             | 1,2-Dichloroethane-d4  | Surrogate Recovery | 124.520      | %            | 70-130 |
|                      | Toluene-d8             | Surrogate Recovery | 105.720      | %            | 70-130 |
|                      | Bromofluorobenzene     | Surrogate Recovery | 114.840      | %            | 70-130 |
| 05B04153             | 1,2-Dichloroethane-d4  | Surrogate Recovery | 113.640      | %            | 70-130 |
|                      | Toluene-d8             | Surrogate Recovery | 107.840      | %            | 70-130 |
|                      | Bromofluorobenzene     | Surrogate Recovery | 106.680      | %            | 70-130 |
| 05B04154             | 1,2-Dichloroethane-d4  | Surrogate Recovery | 113.400      | %            | 70-130 |
|                      | Toluene-d8             | Surrogate Recovery | 117.480      | %            | 70-130 |
|                      | Bromofluorobenzene     | Surrogate Recovery | 116.480      | %            | 70-130 |
| 05B04157             | 1,2-Dichloroethane-d4  | Surrogate Recovery | 119.360      | %            | 70-130 |
|                      | Toluene-d8             | Surrogate Recovery | 106.640      | %            | 70-130 |
|                      | Bromofluorobenzene     | Surrogate Recovery | 110.760      | %            | 70-130 |
| BLANK-69912          | Acetone                | Blank              | <1.00        | mg/kg dry wt |        |
|                      | Benzene                | Blank              | <0.012       | mg/kg dry wt |        |
|                      | Carbon Tetrachloride   | Blank              | <0.020       | mg/kg dry wt |        |
|                      | Chloroform             | Blank              | <0.040       | mg/kg dry wt |        |
|                      | 1,2-Dichloroethane     | Blank              | <0.018       | mg/kg dry wt |        |
|                      | 1,4-Dichlorobenzene    | Blank              | <0.016       | mg/kg dry wt |        |
|                      | Ethyl Benzene          | Blank              | <0.012       | mg/kg dry wt |        |
|                      | 2-Butanone (MEK)       | Blank              | <0.240       | mg/kg dry wt |        |
|                      | MIBK                   | Blank              | <0.176       | mg/kg dry wt |        |
|                      | Naphthalene            | Blank              | <0.020       | mg/kg dry wt |        |
|                      | Styrene                | Blank              | <0.014       | mg/kg dry wt |        |
|                      | Tetrachloroethylene    | Blank              | <0.020       | mg/kg dry wt |        |
|                      | Toluene                | Blank              | <0.014       | mg/kg dry wt |        |
|                      | 1,1,1-Trichloroethane  | Blank              | <0.018       | mg/kg dry wt |        |
|                      | Trichloroethylene      | Blank              | <0.020       | mg/kg dry wt |        |
|                      | Trichlorofluoromethane | Blank              | <0.014       | mg/kg dry wt |        |
|                      | o-Xylene               | Blank              | <0.020       | mg/kg dry wt |        |
|                      | m + p Xylene           | Blank              | <0.026       | mg/kg dry wt |        |
|                      | 1,2-Dichlorobenzene    | Blank              | <0.016       | mg/kg dry wt |        |
|                      | 1,3-Dichlorobenzene    | Blank              | <0.012       | mg/kg dry wt |        |
|                      | 1,1-Dichloroethane     | Blank              | <0.014       | mg/kg dry wt |        |
| 1,1-Dichloroethylene | Blank                  | <0.012             | mg/kg dry wt |              |        |
| 1,4-Dioxane          | Blank                  | <1.00              | mg/kg dry wt |              |        |



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 2/17/2005

Lims Bat #: LIMS-85853

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QC Batch Number: GCMS/VOL-11420

| Sample Id   | Analysis                   | QC Analysis | Values | Units        | Limits |
|-------------|----------------------------|-------------|--------|--------------|--------|
| BLANK-69912 | MTBE                       | Blank       | <0.016 | mg/kg dry wt |        |
|             | trans-1,2-Dichloroethylene | Blank       | <0.016 | mg/kg dry wt |        |
|             | Vinyl Chloride             | Blank       | <0.020 | mg/kg dry wt |        |
|             | Methylene Chloride         | Blank       | <0.300 | mg/kg dry wt |        |
|             | Chlorobenzene              | Blank       | <0.012 | mg/kg dry wt |        |
|             | Chloromethane              | Blank       | <0.300 | mg/kg dry wt |        |
|             | Bromomethane               | Blank       | <0.024 | mg/kg dry wt |        |
|             | Chloroethane               | Blank       | <0.016 | mg/kg dry wt |        |
|             | cis-1,3-Dichloropropene    | Blank       | <0.020 | mg/kg dry wt |        |
|             | trans-1,3-Dichloropropene  | Blank       | <0.010 | mg/kg dry wt |        |
|             | Chlorodibromomethane       | Blank       | <0.020 | mg/kg dry wt |        |
|             | 1,1,2-Trichloroethane      | Blank       | <0.014 | mg/kg dry wt |        |
|             | 2-Chloroethylvinylether    | Blank       | <0.192 | mg/kg dry wt |        |
|             | Bromoform                  | Blank       | <0.024 | mg/kg dry wt |        |
|             | 1,1,2,2-Tetrachloroethane  | Blank       | <0.028 | mg/kg dry wt |        |
|             | 2-Chlorotoluene            | Blank       | <0.012 | mg/kg dry wt |        |
|             | Hexachlorobutadiene        | Blank       | <0.026 | mg/kg dry wt |        |
|             | Isopropylbenzene           | Blank       | <0.012 | mg/kg dry wt |        |
|             | p-Isopropyltoluene         | Blank       | <0.014 | mg/kg dry wt |        |
|             | n-Propylbenzene            | Blank       | <0.016 | mg/kg dry wt |        |
|             | sec-Butylbenzene           | Blank       | <0.012 | mg/kg dry wt |        |
|             | tert-Butylbenzene          | Blank       | <0.016 | mg/kg dry wt |        |
|             | 1,2,3-Trichlorobenzene     | Blank       | <0.014 | mg/kg dry wt |        |
|             | 1,2,4-Trichlorobenzene     | Blank       | <0.014 | mg/kg dry wt |        |
|             | 1,2,4-Trimethylbenzene     | Blank       | <0.020 | mg/kg dry wt |        |
|             | 1,3,5-Trimethylbenzene     | Blank       | <0.020 | mg/kg dry wt |        |
|             | 4-Chlorotoluene            | Blank       | <0.012 | mg/kg dry wt |        |
|             | Dibromomethane             | Blank       | <0.022 | mg/kg dry wt |        |
|             | cis-1,2-Dichloroethylene   | Blank       | <0.020 | mg/kg dry wt |        |
|             | 1,1-Dichloropropene        | Blank       | <0.028 | mg/kg dry wt |        |
|             | 1,2-Dichloropropane        | Blank       | <0.012 | mg/kg dry wt |        |
|             | 1,3-Dichloropropane        | Blank       | <0.020 | mg/kg dry wt |        |
|             | 2,2-Dichloropropane        | Blank       | <0.018 | mg/kg dry wt |        |
|             | 1,1,1,2-Tetrachloroethane  | Blank       | <0.020 | mg/kg dry wt |        |
|             | 1,2,3-Trichloropropane     | Blank       | <0.026 | mg/kg dry wt |        |
|             | n-Butylbenzene             | Blank       | <0.014 | mg/kg dry wt |        |
|             | Dichlorodifluoromethane    | Blank       | <0.020 | mg/kg dry wt |        |
|             | Bromochloromethane         | Blank       | <0.020 | mg/kg dry wt |        |
|             | Bromobenzene               | Blank       | <0.020 | mg/kg dry wt |        |
|             | Iodomethane                | Blank       | <0.016 | mg/kg dry wt |        |
|             | Acrolein                   | Blank       | <0.400 | mg/kg dry wt |        |
|             | Acrylonitrile              | Blank       | <0.100 | mg/kg dry wt |        |
|             | Carbon Disulfide           | Blank       | <0.060 | mg/kg dry wt |        |



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| Sample Id   | Analysis                    | QC Analysis | Values | Units        | Limits |
|-------------|-----------------------------|-------------|--------|--------------|--------|
| BLANK-69912 | Vinyl Acetate               | Blank       | <0.328 | mg/kg dry wt |        |
|             | 2-Hexanone                  | Blank       | <0.194 | mg/kg dry wt |        |
|             | trans-1,4-Dichloro-2-Butene | Blank       | <0.042 | mg/kg dry wt |        |
|             | Ethyl Methacrylate          | Blank       | <0.016 | mg/kg dry wt |        |
|             | cis-1,4-Dichloro-2-Butene   | Blank       | <0.048 | mg/kg dry wt |        |
|             | Diethyl Ether               | Blank       | <0.040 | mg/kg dry wt |        |
|             | Bromodichloromethane        | Blank       | <0.020 | mg/kg dry wt |        |
|             | 1,2-Dibromo-3-Chloropropane | Blank       | <0.032 | mg/kg dry wt |        |
|             | 1,2-Dibromoethane           | Blank       | <0.014 | mg/kg dry wt |        |
|             | Tetrahydrofuran             | Blank       | <0.100 | mg/kg dry wt |        |
|             | tert-Butyl Alcohol          | Blank       | <0.400 | mg/kg dry wt |        |
|             | Diisopropyl Ether           | Blank       | <0.010 | mg/kg dry wt |        |
|             | tert-Butylethyl Ether       | Blank       | <0.010 | mg/kg dry wt |        |
|             | tert-Amylmethyl Ether       | Blank       | <0.010 | mg/kg dry wt |        |



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| Sample Id           | Analysis             | QC Analysis          | Values | Units  | Limits |
|---------------------|----------------------|----------------------|--------|--------|--------|
| 05B04155            | Acetone              | Sample Amount        | <10.0  | ug/l   |        |
|                     |                      | Matrix Spk Amt Added | 20.0   | ug/l   |        |
|                     |                      | MS Amt Measured      | 19.9   | ug/l   |        |
|                     |                      | Matrix Spike % Rec.  | 99.7   | %      | 70-130 |
|                     | Benzene              | Sample Amount        | <0.5   | ug/l   |        |
|                     |                      | Matrix Spk Amt Added | 20.0   | ug/l   |        |
|                     |                      | MS Amt Measured      | 22.0   | ug/l   |        |
|                     |                      | Matrix Spike % Rec.  | 109.8  | %      | 70-130 |
|                     | Carbon Tetrachloride | Sample Amount        | <0.5   | ug/l   |        |
|                     |                      | Matrix Spk Amt Added | 20.0   | ug/l   |        |
|                     |                      | MS Amt Measured      | 20.0   | ug/l   |        |
|                     |                      | Matrix Spike % Rec.  | 100.1  | %      | 70-130 |
|                     | Chloroform           | Sample Amount        | <0.5   | ug/l   |        |
|                     |                      | Matrix Spk Amt Added | 20.0   | ug/l   |        |
|                     |                      | MS Amt Measured      | 24.0   | ug/l   |        |
|                     |                      | Matrix Spike % Rec.  | 119.8  | %      | 70-130 |
|                     | 1,2-Dichloroethane   | Sample Amount        | <0.5   | ug/l   |        |
|                     |                      | Matrix Spk Amt Added | 20.0   | ug/l   |        |
|                     |                      | MS Amt Measured      | 22.5   | ug/l   |        |
|                     |                      | Matrix Spike % Rec.  | 112.5  | %      | 70-130 |
| 1,4-Dichlorobenzene | Sample Amount        | <0.5                 | ug/l   |        |        |
|                     | Matrix Spk Amt Added | 20.0                 | ug/l   |        |        |
|                     | MS Amt Measured      | 18.8                 | ug/l   |        |        |
|                     | Matrix Spike % Rec.  | 93.8                 | %      | 70-130 |        |
| Ethyl Benzene       | Sample Amount        | <0.5                 | ug/l   |        |        |
|                     | Matrix Spk Amt Added | 20.0                 | ug/l   |        |        |
|                     | MS Amt Measured      | 21.1                 | ug/l   |        |        |
|                     | Matrix Spike % Rec.  | 105.5                | %      | 70-130 |        |
| 2-Butanone (MEK)    | Sample Amount        | <5.0                 | ug/l   |        |        |
|                     | Matrix Spk Amt Added | 20.0                 | ug/l   |        |        |
|                     | MS Amt Measured      | 21.2                 | ug/l   |        |        |
|                     | Matrix Spike % Rec.  | 105.8                | %      | 70-130 |        |
| MIBK                | Sample Amount        | <5.0                 | ug/l   |        |        |
|                     | Matrix Spk Amt Added | 20.0                 | ug/l   |        |        |
|                     | MS Amt Measured      | 26.6                 | ug/l   |        |        |
|                     | Matrix Spike % Rec.  | 132.8                | %      | 70-130 |        |
| Naphthalene         | Sample Amount        | <0.5                 | ug/l   |        |        |
|                     | Matrix Spk Amt Added | 20.0                 | ug/l   |        |        |
|                     | MS Amt Measured      | 18.6                 | ug/l   |        |        |
|                     | Matrix Spike % Rec.  | 92.8                 | %      | 70-130 |        |
| Styrene             | Sample Amount        | <0.5                 | ug/l   |        |        |
|                     | Matrix Spk Amt Added | 20.0                 | ug/l   |        |        |
|                     | MS Amt Measured      | 22.3                 | ug/l   |        |        |



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| Sample Id | Analysis               | QC Analysis          | Values | Units | Limits |
|-----------|------------------------|----------------------|--------|-------|--------|
| 05B04155  | Styrene                | Matrix Spike % Rec.  | 111.6  | %     | 70-130 |
|           |                        | Sample Amount        | <0.5   | ug/l  |        |
| 05B04155  | Tetrachloroethylene    | Matrix Spk Amt Added | 40.0   | ug/l  |        |
|           |                        | MS Amt Measured      | 22.6   | ug/l  |        |
|           |                        | Matrix Spike % Rec.  | 56.6   | %     | 70-130 |
|           |                        | Sample Amount        | <0.5   | ug/l  |        |
| 05B04155  | Toluene                | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                        | MS Amt Measured      | 22.2   | ug/l  |        |
|           |                        | Matrix Spike % Rec.  | 111.0  | %     | 70-130 |
|           |                        | Sample Amount        | <0.5   | ug/l  |        |
| 05B04155  | 1,1,1-Trichloroethane  | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                        | MS Amt Measured      | 21.4   | ug/l  |        |
|           |                        | Matrix Spike % Rec.  | 107.2  | %     | 70-130 |
|           |                        | Sample Amount        | <0.5   | ug/l  |        |
| 05B04155  | Trichloroethylene      | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                        | MS Amt Measured      | 20.9   | ug/l  |        |
|           |                        | Matrix Spike % Rec.  | 104.4  | %     | 70-130 |
|           |                        | Sample Amount        | <1.0   | ug/l  |        |
| 05B04155  | Trichlorofluoromethane | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                        | MS Amt Measured      | 16.7   | ug/l  |        |
|           |                        | Matrix Spike % Rec.  | 83.5   | %     | 70-130 |
|           |                        | Sample Amount        | <0.5   | ug/l  |        |
| 05B04155  | o-Xylene               | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                        | MS Amt Measured      | 22.2   | ug/l  |        |
|           |                        | Matrix Spike % Rec.  | 110.8  | %     | 70-130 |
|           |                        | Sample Amount        | <1.0   | ug/l  |        |
| 05B04155  | m + p Xylene           | Matrix Spk Amt Added | 40.0   | ug/l  |        |
|           |                        | MS Amt Measured      | 42.2   | ug/l  |        |
|           |                        | Matrix Spike % Rec.  | 105.5  | %     | 70-130 |
|           |                        | Sample Amount        | <0.5   | ug/l  |        |
| 05B04155  | 1,2-Dichlorobenzene    | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                        | MS Amt Measured      | 19.6   | ug/l  |        |
|           |                        | Matrix Spike % Rec.  | 97.8   | %     | 70-130 |
|           |                        | Sample Amount        | <0.5   | ug/l  |        |
| 05B04155  | 1,3-Dichlorobenzene    | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                        | MS Amt Measured      | 19.1   | ug/l  |        |
|           |                        | Matrix Spike % Rec.  | 95.4   | %     | 70-130 |
|           |                        | Sample Amount        | <0.5   | ug/l  |        |
| 05B04155  | 1,1-Dichloroethane     | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                        | MS Amt Measured      | 22.6   | ug/l  |        |
|           |                        | Matrix Spike % Rec.  | 113.2  | %     | 70-130 |
|           |                        | Sample Amount        | <1.0   | ug/l  |        |
| 05B04155  | 1,1-Dichloroethylene   | Matrix Spk Amt Added | 20.0   | ug/l  |        |



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|-----------|----------------------------|----------------------|--------|-------|--------|
| 05B04155  | 1,1-Dichloroethylene       | MS Amt Measured      | 18.3   | ug/l  |        |
|           |                            | Matrix Spike % Rec.  | 91.7   | %     | 70-130 |
|           | 1,4-Dioxane                | Sample Amount        | <50.0  | ug/l  |        |
|           |                            | Matrix Spk Amt Added | 100.0  | ug/l  |        |
|           |                            | MS Amt Measured      | 141.7  | ug/l  |        |
|           |                            | Matrix Spike % Rec.  | 141.7  | %     | 70-130 |
|           | MTBE                       | Sample Amount        | <0.5   | ug/l  |        |
|           |                            | Matrix Spk Amt Added | 40.0   | ug/l  |        |
|           |                            | MS Amt Measured      | 46.4   | ug/l  |        |
|           |                            | Matrix Spike % Rec.  | 115.9  | %     | 70-130 |
|           | trans-1,2-Dichloroethylene | Sample Amount        | <0.5   | ug/l  |        |
|           |                            | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                            | MS Amt Measured      | 21.2   | ug/l  |        |
|           |                            | Matrix Spike % Rec.  | 106.0  | %     | 70-130 |
|           | Vinyl Chloride             | Sample Amount        | <0.5   | ug/l  |        |
|           |                            | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                            | MS Amt Measured      | 19.3   | ug/l  |        |
|           |                            | Matrix Spike % Rec.  | 96.3   | %     | 70-130 |
|           | Methylene Chloride         | Sample Amount        | <2.0   | ug/l  |        |
|           |                            | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                            | MS Amt Measured      | 24.5   | ug/l  |        |
|           |                            | Matrix Spike % Rec.  | 122.6  | %     | 70-130 |
|           | Chlorobenzene              | Sample Amount        | <0.5   | ug/l  |        |
|           |                            | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                            | MS Amt Measured      | 21.4   | ug/l  |        |
|           |                            | Matrix Spike % Rec.  | 107.2  | %     | 70-130 |
|           | Chloromethane              | Sample Amount        | <0.5   | ug/l  |        |
|           |                            | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                            | MS Amt Measured      | 21.6   | ug/l  |        |
|           |                            | Matrix Spike % Rec.  | 107.8  | %     | 70-130 |
|           | Bromomethane               | Sample Amount        | <1.0   | ug/l  |        |
|           |                            | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                            | MS Amt Measured      | 12.1   | ug/l  |        |
|           |                            | Matrix Spike % Rec.  | 60.4   | %     | 70-130 |
|           | Chloroethane               | Sample Amount        | <0.5   | ug/l  |        |
|           |                            | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                            | MS Amt Measured      | 17.2   | ug/l  |        |
|           |                            | Matrix Spike % Rec.  | 85.9   | %     | 70-130 |
|           | cis-1,3-Dichloropropene    | Sample Amount        | <0.5   | ug/l  |        |
|           |                            | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                            | MS Amt Measured      | 20.8   | ug/l  |        |
|           |                            | Matrix Spike % Rec.  | 104.0  | %     | 70-130 |
|           | trans-1,3-Dichloropropene  | Sample Amount        | <0.5   | ug/l  |        |



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|--------------------|---------------------------|----------------------|--------|-------|--------|--------|
| 05B04155           | trans-1,3-Dichloropropene | Matrix Spk Amt Added | 20.0   | ug/l  |        |        |
|                    |                           | MS Amt Measured      | 21.7   | ug/l  |        |        |
|                    |                           | Matrix Spike % Rec.  | 108.4  | %     | 70-130 |        |
|                    | Chlorodibromomethane      | Sample Amount        | <0.5   | ug/l  |        |        |
|                    |                           | Matrix Spk Amt Added | 20.0   | ug/l  |        |        |
|                    |                           | MS Amt Measured      | 28.5   | ug/l  |        |        |
|                    | 1,1,2-Trichloroethane     | Matrix Spike % Rec.  | 142.4  | %     |        | 70-130 |
|                    |                           | Sample Amount        | <0.5   | ug/l  |        |        |
|                    |                           | Matrix Spk Amt Added | 20.0   | ug/l  |        |        |
|                    | Bromoform                 | MS Amt Measured      | 22.9   | ug/l  |        |        |
|                    |                           | Matrix Spike % Rec.  | 114.5  | %     |        | 70-130 |
|                    |                           | Sample Amount        | <0.5   | ug/l  |        |        |
|                    | 1,1,2,2-Tetrachloroethane | Matrix Spk Amt Added | 20.0   | ug/l  |        |        |
|                    |                           | MS Amt Measured      | 29.7   | ug/l  |        |        |
|                    |                           | Matrix Spike % Rec.  | 148.5  | %     |        | 70-130 |
|                    | 2-Chlorotoluene           | Sample Amount        | <0.5   | ug/l  |        |        |
|                    |                           | Matrix Spk Amt Added | 20.0   | ug/l  |        |        |
|                    |                           | MS Amt Measured      | 22.4   | ug/l  |        |        |
|                    | Hexachlorobutadiene       | Matrix Spike % Rec.  | 112.1  | %     |        | 70-130 |
|                    |                           | Sample Amount        | <0.5   | ug/l  |        |        |
|                    |                           | Matrix Spk Amt Added | 20.0   | ug/l  |        |        |
|                    | Isopropylbenzene          | MS Amt Measured      | 13.1   | ug/l  |        |        |
|                    |                           | Matrix Spike % Rec.  | 65.5   | %     |        | 70-130 |
|                    |                           | Sample Amount        | <0.5   | ug/l  |        |        |
| p-Isopropyltoluene | Matrix Spk Amt Added      | 20.0                 | ug/l   |       |        |        |
|                    | MS Amt Measured           | 20.8                 | ug/l   |       |        |        |
|                    | Matrix Spike % Rec.       | 104.0                | %      |       | 70-130 |        |
| n-Propylbenzene    | Sample Amount             | <0.5                 | ug/l   |       |        |        |
|                    | Matrix Spk Amt Added      | 20.0                 | ug/l   |       |        |        |
|                    | MS Amt Measured           | 20.3                 | ug/l   |       |        |        |
| sec-Butylbenzene   | Matrix Spike % Rec.       | 101.4                | %      |       | 70-130 |        |
|                    | Sample Amount             | <0.5                 | ug/l   |       |        |        |
|                    | Matrix Spk Amt Added      | 20.0                 | ug/l   |       |        |        |
|                    |                           | MS Amt Measured      | 17.6   | ug/l  |        |        |
|                    |                           | Matrix Spike % Rec.  | 88.0   | %     | 70-130 |        |

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|--------------------------|------------------------|----------------------|--------|--------|--------|--|
| 05B04155                 | tert-Butylbenzene      | Sample Amount        | <0.5   | ug/l   |        |  |
|                          |                        | Matrix Spk Amt Added | 20.0   | ug/l   |        |  |
|                          |                        | MS Amt Measured      | 19.8   | ug/l   |        |  |
|                          |                        | Matrix Spike % Rec.  | 98.8   | %      | 70-130 |  |
|                          | 1,2,3-Trichlorobenzene | Sample Amount        | <0.5   | ug/l   |        |  |
|                          |                        | Matrix Spk Amt Added | 20.0   | ug/l   |        |  |
|                          |                        | MS Amt Measured      | 18.3   | ug/l   |        |  |
|                          |                        | Matrix Spike % Rec.  | 91.5   | %      | 70-130 |  |
|                          | 1,2,4-Trichlorobenzene | Sample Amount        | <0.5   | ug/l   |        |  |
|                          |                        | Matrix Spk Amt Added | 20.0   | ug/l   |        |  |
|                          |                        | MS Amt Measured      | 18.3   | ug/l   |        |  |
|                          |                        | Matrix Spike % Rec.  | 91.6   | %      | 70-130 |  |
|                          | 1,2,4-Trimethylbenzene | Sample Amount        | <0.5   | ug/l   |        |  |
|                          |                        | Matrix Spk Amt Added | 20.0   | ug/l   |        |  |
|                          |                        | MS Amt Measured      | 16.8   | ug/l   |        |  |
| Matrix Spike % Rec.      |                        | 84.2                 | %      | 70-130 |        |  |
| 1,3,5-Trimethylbenzene   | Sample Amount          | <0.5                 | ug/l   |        |        |  |
|                          | Matrix Spk Amt Added   | 20.0                 | ug/l   |        |        |  |
|                          | MS Amt Measured        | 19.8                 | ug/l   |        |        |  |
|                          | Matrix Spike % Rec.    | 99.0                 | %      | 70-130 |        |  |
| Dibromomethane           | Sample Amount          | <0.5                 | ug/l   |        |        |  |
|                          | Matrix Spk Amt Added   | 20.0                 | ug/l   |        |        |  |
|                          | MS Amt Measured        | 24.1                 | ug/l   |        |        |  |
|                          | Matrix Spike % Rec.    | 120.3                | %      | 70-130 |        |  |
| cis-1,2-Dichloroethylene | Sample Amount          | <0.5                 | ug/l   |        |        |  |
|                          | Matrix Spk Amt Added   | 20.0                 | ug/l   |        |        |  |
|                          | MS Amt Measured        | 20.8                 | ug/l   |        |        |  |
|                          | Matrix Spike % Rec.    | 104.0                | %      | 70-130 |        |  |
| 4-Chlorotoluene          | Sample Amount          | <0.5                 | ug/l   |        |        |  |
|                          | Matrix Spk Amt Added   | 20.0                 | ug/l   |        |        |  |
|                          | MS Amt Measured        | 21.2                 | ug/l   |        |        |  |
|                          | Matrix Spike % Rec.    | 105.9                | %      | 70-130 |        |  |
| 1,1-Dichloropropene      | Sample Amount          | <0.5                 | ug/l   |        |        |  |
|                          | Matrix Spk Amt Added   | 20.0                 | ug/l   |        |        |  |
|                          | MS Amt Measured        | 20.6                 | ug/l   |        |        |  |
|                          | Matrix Spike % Rec.    | 103.1                | %      | 70-130 |        |  |
| 1,2-Dichloropropane      | Sample Amount          | <0.5                 | ug/l   |        |        |  |
|                          | Matrix Spk Amt Added   | 20.0                 | ug/l   |        |        |  |
|                          | MS Amt Measured        | 21.0                 | ug/l   |        |        |  |
|                          | Matrix Spike % Rec.    | 105.2                | %      | 70-130 |        |  |
| 1,3-Dichloropropane      | Sample Amount          | <0.5                 | ug/l   |        |        |  |
|                          | Matrix Spk Amt Added   | 20.0                 | ug/l   |        |        |  |
|                          | MS Amt Measured        | 24.1                 | ug/l   |        |        |  |



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QC Batch Number: GCMS/VOL-11425

| Sample Id | Analysis                  | QC Analysis          | Values | Units | Limits |
|-----------|---------------------------|----------------------|--------|-------|--------|
| 05B04155  | 1,3-Dichloropropane       | Matrix Spike % Rec.  | 120.4  | %     | 70-130 |
|           | 2,2-Dichloropropane       | Sample Amount        | <0.5   | ug/l  |        |
|           |                           | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                           | MS Amt Measured      | 9.6    | ug/l  |        |
|           | 1,1,1,2-Tetrachloroethane | Matrix Spike % Rec.  | 47.8   | %     | 70-130 |
|           |                           | Sample Amount        | <0.5   | ug/l  |        |
|           |                           | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                           | MS Amt Measured      | 23.2   | ug/l  |        |
|           | 1,2,3-Trichloropropane    | Matrix Spike % Rec.  | 116.2  | %     | 70-130 |
|           |                           | Sample Amount        | <0.5   | ug/l  |        |
|           |                           | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                           | MS Amt Measured      | 24.6   | ug/l  |        |
|           | n-Butylbenzene            | Matrix Spike % Rec.  | 122.8  | %     | 70-130 |
|           |                           | Sample Amount        | <0.5   | ug/l  |        |
|           |                           | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                           | MS Amt Measured      | 15.0   | ug/l  |        |
|           | Dichlorodifluoromethane   | Matrix Spike % Rec.  | 75.2   | %     | 70-130 |
|           |                           | Sample Amount        | <0.5   | ug/l  |        |
|           |                           | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                           | MS Amt Measured      | 12.4   | ug/l  |        |
|           | Bromochloromethane        | Matrix Spike % Rec.  | 62.0   | %     | 70-130 |
|           |                           | Sample Amount        | <0.5   | ug/l  |        |
|           |                           | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                           | MS Amt Measured      | 24.3   | ug/l  |        |
|           | Bromobenzene              | Matrix Spike % Rec.  | 121.6  | %     | 70-130 |
|           |                           | Sample Amount        | <0.5   | ug/l  |        |
|           |                           | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                           | MS Amt Measured      | 20.7   | ug/l  |        |
|           | Iodomethane               | Matrix Spike % Rec.  | 103.6  | %     | 70-130 |
|           |                           | Sample Amount        | <1.0   | ug/l  |        |
|           |                           | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                           | MS Amt Measured      | 13.5   | ug/l  |        |
|           | Acrylonitrile             | Matrix Spike % Rec.  | 67.4   | %     |        |
|           |                           | Sample Amount        | <0.5   | ug/l  |        |
|           |                           | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                           | MS Amt Measured      | 28.6   | ug/l  |        |
|           | Carbon Disulfide          | Matrix Spike % Rec.  | 143.2  | %     |        |
|           |                           | Sample Amount        | <1.0   | ug/l  |        |
|           |                           | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|           |                           | MS Amt Measured      | 22.8   | ug/l  |        |
|           | 2-Hexanone                | Matrix Spike % Rec.  | 114.2  | %     | 70-130 |
|           |                           | Sample Amount        | <5.0   | ug/l  |        |
|           |                           | Matrix Spk Amt Added | 20.0   | ug/l  |        |



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| Sample Id             | Analysis                    | QC Analysis          | Values | Units  | Limits |
|-----------------------|-----------------------------|----------------------|--------|--------|--------|
| 05B04155              | 2-Hexanone                  | MS Amt Measured      | 21.6   | ug/l   |        |
|                       |                             | Matrix Spike % Rec.  | 108.0  | %      | 70-130 |
|                       | trans-1,4-Dichloro-2-Butene | Sample Amount        | <0.5   | ug/l   |        |
|                       |                             | Matrix Spk Amt Added | 20.0   | ug/l   |        |
|                       |                             | MS Amt Measured      | 20.5   | ug/l   |        |
|                       |                             | Matrix Spike % Rec.  | 102.5  | %      |        |
|                       | Ethyl Methacrylate          | Sample Amount        | <0.5   | ug/l   |        |
|                       |                             | Matrix Spk Amt Added | 20.0   | ug/l   |        |
|                       |                             | MS Amt Measured      | 18.3   | ug/l   |        |
|                       |                             | Matrix Spike % Rec.  | 91.6   | %      |        |
|                       | Diethyl Ether               | Sample Amount        | <1.0   | ug/l   |        |
|                       |                             | Matrix Spk Amt Added | 20.0   | ug/l   |        |
|                       |                             | MS Amt Measured      | 22.2   | ug/l   |        |
|                       |                             | Matrix Spike % Rec.  | 111.0  | %      | 70-130 |
|                       | Bromodichloromethane        | Sample Amount        | <0.5   | ug/l   |        |
|                       |                             | Matrix Spk Amt Added | 20.0   | ug/l   |        |
|                       |                             | MS Amt Measured      | 23.2   | ug/l   |        |
|                       |                             | Matrix Spike % Rec.  | 115.8  | %      | 70-130 |
|                       | 1,2-Dichloroethane-d4       | Surrogate Recovery   | 99.9   | %      | 70-130 |
|                       | Toluene-d8                  | Surrogate Recovery   | 101.0  | %      | 70-130 |
|                       | Bromofluorobenzene          | Surrogate Recovery   | 106.8  | %      | 70-130 |
|                       | 1,2-Dibromo-3-Chloropropane | Sample Amount        | <0.5   | ug/l   |        |
| Matrix Spk Amt Added  |                             | 20.0                 | ug/l   |        |        |
|                       | MS Amt Measured             | 27.0                 | ug/l   |        |        |
|                       | Matrix Spike % Rec.         | 135.0                | %      | 70-130 |        |
| 1,2-Dibromoethane     | Sample Amount               | <0.50                | ug/l   |        |        |
|                       | Matrix Spk Amt Added        | 20.00                | ug/l   |        |        |
|                       | MS Amt Measured             | 25.32                | ug/l   |        |        |
|                       | Matrix Spike % Rec.         | 126.60               | %      | 70-130 |        |
| Tetrahydrofuran       | Sample Amount               | <5.0                 | ug/l   |        |        |
|                       | Matrix Spk Amt Added        | 20.0                 | ug/l   |        |        |
|                       | MS Amt Measured             | 20.9                 | ug/l   |        |        |
|                       | Matrix Spike % Rec.         | 104.5                | %      | 70-130 |        |
| tert-Butyl Alcohol    | Sample Amount               | <10.0                | ug/l   |        |        |
|                       | Matrix Spk Amt Added        | 100.0                | ug/l   |        |        |
|                       | MS Amt Measured             | 79.8                 | ug/l   |        |        |
|                       | Matrix Spike % Rec.         | 79.8                 | %      |        |        |
| Diisopropyl Ether     | Sample Amount               | <0.5                 | ug/l   |        |        |
|                       | Matrix Spk Amt Added        | 20.0                 | ug/l   |        |        |
|                       | MS Amt Measured             | 23.4                 | ug/l   |        |        |
|                       | Matrix Spike % Rec.         | 116.8                | %      | 70-130 |        |
| tert-Butylethyl Ether | Sample Amount               | <0.5                 | ug/l   |        |        |
|                       | Matrix Spk Amt Added        | 20.0                 | ug/l   |        |        |



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| Sample Id   | Analysis                   | QC Analysis          | Values | Units | Limits |
|-------------|----------------------------|----------------------|--------|-------|--------|
| 05B04155    | tert-Butylethyl Ether      | MS Amt Measured      | 23.1   | ug/l  |        |
|             |                            | Matrix Spike % Rec.  | 115.7  | %     | 70-130 |
|             | tert-Amylmethyl Ether      | Sample Amount        | <0.5   | ug/l  |        |
|             |                            | Matrix Spk Amt Added | 20.0   | ug/l  |        |
|             |                            | MS Amt Measured      | 24.2   | ug/l  |        |
|             |                            | Matrix Spike % Rec.  | 120.8  | %     | 70-130 |
| 05B04156    | 1,2-Dichloroethane-d4      | Surrogate Recovery   | 100.7  | %     | 70-130 |
|             | Toluene-d8                 | Surrogate Recovery   | 100.2  | %     | 70-130 |
|             | Bromofluorobenzene         | Surrogate Recovery   | 104.1  | %     | 70-130 |
| BLANK-69956 | Acetone                    | Blank                | <10.0  | ug/l  |        |
|             | Benzene                    | Blank                | <0.5   | ug/l  |        |
|             | Carbon Tetrachloride       | Blank                | <0.5   | ug/l  |        |
|             | Chloroform                 | Blank                | <0.5   | ug/l  |        |
|             | 1,2-Dichloroethane         | Blank                | <0.5   | ug/l  |        |
|             | 1,4-Dichlorobenzene        | Blank                | <0.5   | ug/l  |        |
|             | Ethyl Benzene              | Blank                | <0.5   | ug/l  |        |
|             | 2-Butanone (MEK)           | Blank                | <5.0   | ug/l  |        |
|             | MIBK                       | Blank                | <5.0   | ug/l  |        |
|             | Naphthalene                | Blank                | <0.5   | ug/l  |        |
|             | Styrene                    | Blank                | <0.5   | ug/l  |        |
|             | Tetrachloroethylene        | Blank                | <0.5   | ug/l  |        |
|             | Toluene                    | Blank                | <0.5   | ug/l  |        |
|             | 1,1,1-Trichloroethane      | Blank                | <0.5   | ug/l  |        |
|             | Trichloroethylene          | Blank                | <0.5   | ug/l  |        |
|             | Trichlorofluoromethane     | Blank                | <1.0   | ug/l  |        |
|             | o-Xylene                   | Blank                | <0.5   | ug/l  |        |
|             | m + p Xylene               | Blank                | <1.0   | ug/l  |        |
|             | 1,2-Dichlorobenzene        | Blank                | <0.5   | ug/l  |        |
|             | 1,3-Dichlorobenzene        | Blank                | <0.5   | ug/l  |        |
|             | 1,1-Dichloroethane         | Blank                | <0.5   | ug/l  |        |
|             | 1,1-Dichloroethylene       | Blank                | <1.0   | ug/l  |        |
|             | 1,4-Dioxane                | Blank                | <50.0  | ug/l  |        |
|             | MTBE                       | Blank                | <0.5   | ug/l  |        |
|             | trans-1,2-Dichloroethylene | Blank                | <0.5   | ug/l  |        |
|             | Vinyl Chloride             | Blank                | <0.5   | ug/l  |        |
|             | Methylene Chloride         | Blank                | <2.0   | ug/l  |        |
|             | Chlorobenzene              | Blank                | <0.5   | ug/l  |        |
|             | Chloromethane              | Blank                | <0.5   | ug/l  |        |
|             | Bromomethane               | Blank                | <1.0   | ug/l  |        |
|             | Chloroethane               | Blank                | <0.5   | ug/l  |        |
|             | cis-1,3-Dichloropropene    | Blank                | <0.5   | ug/l  |        |



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| Sample Id   | Analysis                    | QC Analysis | Values | Units | Limits |
|-------------|-----------------------------|-------------|--------|-------|--------|
| BLANK-69956 | trans-1,3-Dichloropropene   | Blank       | <0.5   | ug/l  |        |
|             | Chlorodibromomethane        | Blank       | <0.5   | ug/l  |        |
|             | 1,1,2-Trichloroethane       | Blank       | <0.5   | ug/l  |        |
|             | 2-Chloroethylvinylether     | Blank       | <0.5   | ug/l  |        |
|             | Bromoform                   | Blank       | <0.5   | ug/l  |        |
|             | 1,1,2,2-Tetrachloroethane   | Blank       | <0.5   | ug/l  |        |
|             | 2-Chlorotoluene             | Blank       | <0.5   | ug/l  |        |
|             | Hexachlorobutadiene         | Blank       | <0.5   | ug/l  |        |
|             | Isopropylbenzene            | Blank       | <0.5   | ug/l  |        |
|             | p-Isopropyltoluene          | Blank       | <0.5   | ug/l  |        |
|             | n-Propylbenzene             | Blank       | <0.5   | ug/l  |        |
|             | sec-Butylbenzene            | Blank       | <0.5   | ug/l  |        |
|             | tert-Butylbenzene           | Blank       | <0.5   | ug/l  |        |
|             | 1,2,3-Trichlorobenzene      | Blank       | <0.5   | ug/l  |        |
|             | 1,2,4-Trichlorobenzene      | Blank       | <0.5   | ug/l  |        |
|             | 1,2,4-Trimethylbenzene      | Blank       | 0.8    | ug/l  |        |
|             | 1,3,5-Trimethylbenzene      | Blank       | <0.5   | ug/l  |        |
|             | Dibromomethane              | Blank       | <0.5   | ug/l  |        |
|             | cis-1,2-Dichloroethylene    | Blank       | <0.5   | ug/l  |        |
|             | 4-Chlorotoluene             | Blank       | <0.5   | ug/l  |        |
|             | 1,1-Dichloropropene         | Blank       | <0.5   | ug/l  |        |
|             | 1,2-Dichloropropane         | Blank       | <0.5   | ug/l  |        |
|             | 1,3-Dichloropropane         | Blank       | <0.5   | ug/l  |        |
|             | 2,2-Dichloropropane         | Blank       | <0.5   | ug/l  |        |
|             | 1,1,1,2-Tetrachloroethane   | Blank       | <0.5   | ug/l  |        |
|             | 1,2,3-Trichloropropane      | Blank       | <0.5   | ug/l  |        |
|             | n-Butylbenzene              | Blank       | <0.5   | ug/l  |        |
|             | Dichlorodifluoromethane     | Blank       | <0.5   | ug/l  |        |
|             | Bromochloromethane          | Blank       | <0.5   | ug/l  |        |
|             | Bromobenzene                | Blank       | <0.5   | ug/l  |        |
|             | Iodomethane                 | Blank       | <1.0   | ug/l  |        |
|             | Acrolein                    | Blank       | <10.0  | ug/l  |        |
|             | Acrylonitrile               | Blank       | <0.5   | ug/l  |        |
|             | Carbon Disulfide            | Blank       | <1.0   | ug/l  |        |
|             | Vinyl Acetate               | Blank       | <10.0  | ug/l  |        |
|             | 2-Hexanone                  | Blank       | <5.0   | ug/l  |        |
|             | trans-1,4-Dichloro-2-Butene | Blank       | <0.5   | ug/l  |        |
|             | Ethyl Methacrylate          | Blank       | <0.5   | ug/l  |        |
|             | cis-1,4-Dichloro-2-Butene   | Blank       | <0.5   | ug/l  |        |
|             | Diethyl Ether               | Blank       | <1.0   | ug/l  |        |
|             | Bromodichloromethane        | Blank       | <0.5   | ug/l  |        |
|             | 1,2-Dibromo-3-Chloropropane | Blank       | <0.5   | ug/l  |        |
|             | 1,2-Dibromoethane           | Blank       | <0.50  | ug/l  |        |



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|-------------|-----------------------|-------------|--------|-------|--------|
| BLANK-69956 | Tetrahydrofuran       | Blank       | <5.0   | ug/l  |        |
|             | tert-Butyl Alcohol    | Blank       | <10.0  | ug/l  |        |
|             | Diisopropyl Ether     | Blank       | <0.5   | ug/l  |        |
|             | tert-Butylethyl Ether | Blank       | <0.5   | ug/l  |        |
|             | tert-Amylmethyl Ether | Blank       | <0.5   | ug/l  |        |



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QC Batch Number: HG-5030

| Sample Id   | Analysis | QC Analysis | Values   | Units | Limits |
|-------------|----------|-------------|----------|-------|--------|
| BLANK-69982 | Mercury  | Blank       | <0.00004 | mg/l  |        |



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QC Batch Number: HG-5035

| Sample Id     | Analysis | QC Analysis          | Values  | Units        | Limits |
|---------------|----------|----------------------|---------|--------------|--------|
| BLANK-70114   | Mercury  | Blank                | <0.010  | mg/kg dry wt |        |
| LFBLANK-39260 | Mercury  | Lab Fort Blank Amt.  | 0.500   | mg/kg dry wt |        |
|               |          | Lab Fort Blk. Found  | 0.530   | mg/kg dry wt |        |
|               |          | Lab Fort Blk. % Rec. | 106.000 | %            | 80-120 |



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QC Batch Number: HGA/AA-4530

| Sample Id     | Analysis | QC Analysis          | Values   | Units | Limits |
|---------------|----------|----------------------|----------|-------|--------|
| BLANK-70230   | Arsenic  | Blank                | <0.0025  | mg/l  |        |
| LFBLANK-39338 | Arsenic  | Lab Fort Blank Amt.  | 2.0000   | mg/l  |        |
|               |          | Lab Fort Blk. Found  | 2.1300   | mg/l  |        |
|               |          | Lab Fort Blk. % Rec. | 106.5000 | %     |        |



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QC Batch Number: ICP-11295

| Sample Id   | Analysis | QC Analysis | Values | Units        | Limits |
|-------------|----------|-------------|--------|--------------|--------|
| BLANK-70185 | Silver   | Blank       | <0.50  | mg/kg dry wt |        |
|             | Arsenic  | Blank       | <5.00  | mg/kg dry wt |        |
|             | Barium   | Blank       | <0.10  | mg/kg dry wt |        |
|             | Cadmium  | Blank       | <0.05  | mg/kg dry wt |        |
|             | Chromium | Blank       | <0.35  | mg/kg dry wt |        |
|             | Lead     | Blank       | <2.50  | mg/kg dry wt |        |
|             | Selenium | Blank       | <5.00  | mg/kg dry wt |        |



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QC Batch Number: ICP-11296

| Sample Id   | Analysis | QC Analysis | Values  | Units | Limits |
|-------------|----------|-------------|---------|-------|--------|
| BLANK-70183 | Silver   | Blank       | <0.005  | mg/l  |        |
|             | Barium   | Blank       | <0.0010 | mg/l  |        |
|             | Cadmium  | Blank       | <0.0005 | mg/l  |        |
|             | Chromium | Blank       | <0.004  | mg/l  |        |
|             | Lead     | Blank       | <0.003  | mg/l  |        |
|             | Selenium | Blank       | <0.05   | mg/l  |        |



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BATCH QC: Lab fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 2/17/2005 Lims Bat # : LIMS-85853 Page 21 of 23

NOTES:

QC Batch No. : GCMS/VOL-11425  
Sample ID : 05B04155  
Analysis : 1,2-Dibromo-3-Chloropropane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE HIGH SIDE FOR THIS COMPOUND.

QC Batch No. : GCMS/VOL-11425  
Sample ID : 05B04155  
Analysis : 1,4-Dioxane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE HIGH SIDE FOR THIS COMPOUND.

QC Batch No. : GCMS/VOL-11425  
Sample ID : 05B04155  
Analysis : 2,2-Dichloropropane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANY REPORTED RESULT FOR THIS COMPOUND IN THIS SAMPLE IS LIKELY TO BE BIASED ON THE LOW SIDE.

QC Batch No. : GCMS/VOL-11425  
Sample ID : 05B04155  
Analysis : Bromoform

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE HIGH SIDE FOR THIS COMPOUND.

QC Batch No. : GCMS/VOL-11425  
Sample ID : 05B04155  
Analysis : Bromomethane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANY REPORTED RESULT FOR THIS COMPOUND IN THIS SAMPLE IS LIKELY TO BE BIASED ON THE LOW SIDE.

QC Batch No. : GCMS/VOL-11425  
Sample ID : 05B04155  
Analysis : Chlorodibromomethane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE HIGH SIDE FOR THIS COMPOUND.

QC Batch No. : GCMS/VOL-11425  
Sample ID : 05B04155  
Analysis : Dichlorodifluoromethane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED AND IS LIKELY.



39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

**QC SUMMARY REPORT**

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 2/17/2005

Lims Bat #: LIMS-85853

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QC Batch No. : GCMS/VOL-11425  
Sample ID : 05B04155  
Analysis : Hexachlorobutadiene

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED AND IS LIKELY.

QC Batch No. : GCMS/VOL-11425  
Sample ID : 05B04155  
Analysis : MIBK

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE HIGH SIDE FOR THIS COMPOUND.

QC Batch No. : GCMS/VOL-11425  
Sample ID : 05B04155  
Analysis : Tetrachloroethylene

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED AND IS LIKELY.



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### QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 2/17/2005

Lims Bat #: LIMS-85853

Page 23 of 23

### QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

|                       |  |
|-----------------------|--|
| QC BATCH NUMBER       | This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.  |
| LIMITS                | Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined. |
| Sample Amount         | Amount of analyte found in a sample.   |
| Blank                 | Method Blank that has been taken through all the steps of the analysis.  |
| LFBLANK               | Laboratory Fortified Blank (a control sample)  |
| STDADD                | Standard Added (a laboratory control sample)   |
| Matrix Spk Amt Added  | Amount of analyte spiked into a sample   |
| MS Amt Measured       | Amount of analyte found including amount that was spiked   |
| Matrix Spike % Rec.   | % Recovery of spiked amount in sample.   |
| Duplicate Value       | The result from the Duplicate analysis of the sample.  |
| Duplicate RPD         | The Relative Percent Difference between two Duplicate Analyses.  |
| Surrogate Recovery    | The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.  |
| Sur. Recovery (ELCD)  | Surrogate Recovery on the Electrolytic Conductivity Detector.  |
| Sur. Recovery (PID)   | Surrogate Recovery on the Photoionization Detector.  |
| Standard Measured     | Amount measured for a laboratory control sample  |
| Standard Amt Added    | Known value for a laboratory control sample  |
| Standard % Recovery   | % recovered for a laboratory control sample with a known value.  |
| Lab Fort Blank Amt    | Laboratory Fortified Blank Amount Added  |
| Lab Fort Blk. Found   | Laboratory Fortified Blank Amount Found  |
| Lab Fort Blk % Rec    | Laboratory Fortified Blank % Recovered   |
| Dup Lab Fort Bl Amt   | Duplicate Laboratory Fortified Blank Amount Added  |
| Dup Lab Fort Bl Fnd   | Duplicate Laboratory Fortified Blank Amount Found  |
| Dup Lab Fort Bl % Rec | Duplicate Laboratory Fortified Blank % Recovery  |
| Lab Fort Blank Range  | Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).  |
| Lab Fort Bl. Av. Rec. | Laboratory Fortified Blank Average Recovery  |
| Duplicate Sample Amt  | Sample Value for Duplicate used with Matrix Spike Duplicate  |
| MSD Amount Added      | Matrix Spike Duplicate Amount Added (Spiked)   |
| MSD Amt Measured      | Matrix Spike Duplicate Amount Measured   |
| MSD % Recovery        | Matrix Spike Duplicate % Recovery  |
| MSD Range             | Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries   |





Phone: 413-525-2332  
 Fax: 413-525-6405  
 Email: info@contestlabs.com  
 www.contestlabs.com

**CHAIN OF CUSTODY RECORD**

39 SPRUCE ST, 2ND FLOOR  
 EAST LONGMEADOW, MA 01028

Page      of     

Company Name: Vanasse Hangen Brustlin  
 Address: 54 Tuttle Place  
Middletown CT 06457  
 Attention: Amy Czernicka  
 Project Location: Ferry/Green St Middletown  
 Sampled By: AC

Lim s # 85853  
 Telephone: 860 632-1500  
 Project # 40990.00  
 Client PO # 40990.00

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Fax #: 860 632 7879  
 Email:       
 Format:  EXCEL  PDF  GIS KEY

Proposal Provided? (For Billing purposes)  
 yes 1/31/05 proposal date  
 yes  no  
 State Form Required?  yes  no

| Field ID | Sample Description                  | Lab # | OSB | Date Sampled | Start Date/Time | Stop Date/Time | Com-<br>osite | Grab | *Matrix Code | ANALYSIS REQUESTED                   | # of containers |
|----------|-------------------------------------|-------|-----|--------------|-----------------|----------------|---------------|------|--------------|--------------------------------------|-----------------|
| B-2      | 60 Green St                         | 04151 |     | 2/3/05       | 2/3/05          | 2/3/05         |               |      | S            | VCs 8260<br>RCEA 8 metals<br>GT ETPH |                 |
| B-5      | 57-59 Green St                      | 04152 |     |              |                 |                |               |      | S            |                                      |                 |
| B-7      | Lot 12B Green St                    | 04153 |     |              |                 |                |               |      | S            |                                      |                 |
| B-8      | 26-28 Ferry St                      | 04154 |     |              |                 |                |               |      | S            |                                      |                 |
| MID-4    | 35 Green St                         | 04155 |     |              |                 |                |               |      | 6W           |                                      |                 |
|          | Cooler Blank                        | N/A   |     |              |                 |                |               |      |              |                                      |                 |
|          | HCL Trip Blank                      | 04156 |     |              |                 |                |               |      |              |                                      |                 |
| B-2      | Duplicate                           | 04157 |     |              |                 |                |               |      |              |                                      |                 |
| 2/7      | 78 km run 250 ml for EPA per sample |       |     |              |                 |                |               |      |              |                                      |                 |
| 2/7      | 14 MVA for AL re 250 ml A           |       |     |              |                 |                |               |      |              |                                      |                 |

| Field ID   | Sample Description | Lab # | OSB | Date Sampled | Start Date/Time | Stop Date/Time | Com-<br>osite | Grab | *Matrix Code | ANALYSIS REQUESTED | # of containers |
|------------|--------------------|-------|-----|--------------|-----------------|----------------|---------------|------|--------------|--------------------|-----------------|
| B-2 Dup    |                    |       |     |              |                 |                |               |      |              |                    |                 |
| 8260 and   |                    |       |     |              |                 |                |               |      |              |                    |                 |
| ETPH Per   |                    |       |     |              |                 |                |               |      |              |                    |                 |
| Therese F. |                    |       |     |              |                 |                |               |      |              |                    |                 |
| PA 2141 or |                    |       |     |              |                 |                |               |      |              |                    |                 |
| 1-250 ml   |                    |       |     |              |                 |                |               |      |              |                    |                 |
| Amber      |                    |       |     |              |                 |                |               |      |              |                    |                 |
| Supplied   |                    |       |     |              |                 |                |               |      |              |                    |                 |
| for ETPH   |                    |       |     |              |                 |                |               |      |              |                    |                 |

| Field ID   | Sample Description | Lab # | OSB | Date Sampled | Start Date/Time | Stop Date/Time | Com-<br>osite | Grab | *Matrix Code | ANALYSIS REQUESTED | # of containers |
|------------|--------------------|-------|-----|--------------|-----------------|----------------|---------------|------|--------------|--------------------|-----------------|
| B-2 Dup    |                    |       |     |              |                 |                |               |      |              |                    |                 |
| 8260 and   |                    |       |     |              |                 |                |               |      |              |                    |                 |
| ETPH Per   |                    |       |     |              |                 |                |               |      |              |                    |                 |
| Therese F. |                    |       |     |              |                 |                |               |      |              |                    |                 |
| PA 2141 or |                    |       |     |              |                 |                |               |      |              |                    |                 |
| 1-250 ml   |                    |       |     |              |                 |                |               |      |              |                    |                 |
| Amber      |                    |       |     |              |                 |                |               |      |              |                    |                 |
| Supplied   |                    |       |     |              |                 |                |               |      |              |                    |                 |
| for ETPH   |                    |       |     |              |                 |                |               |      |              |                    |                 |

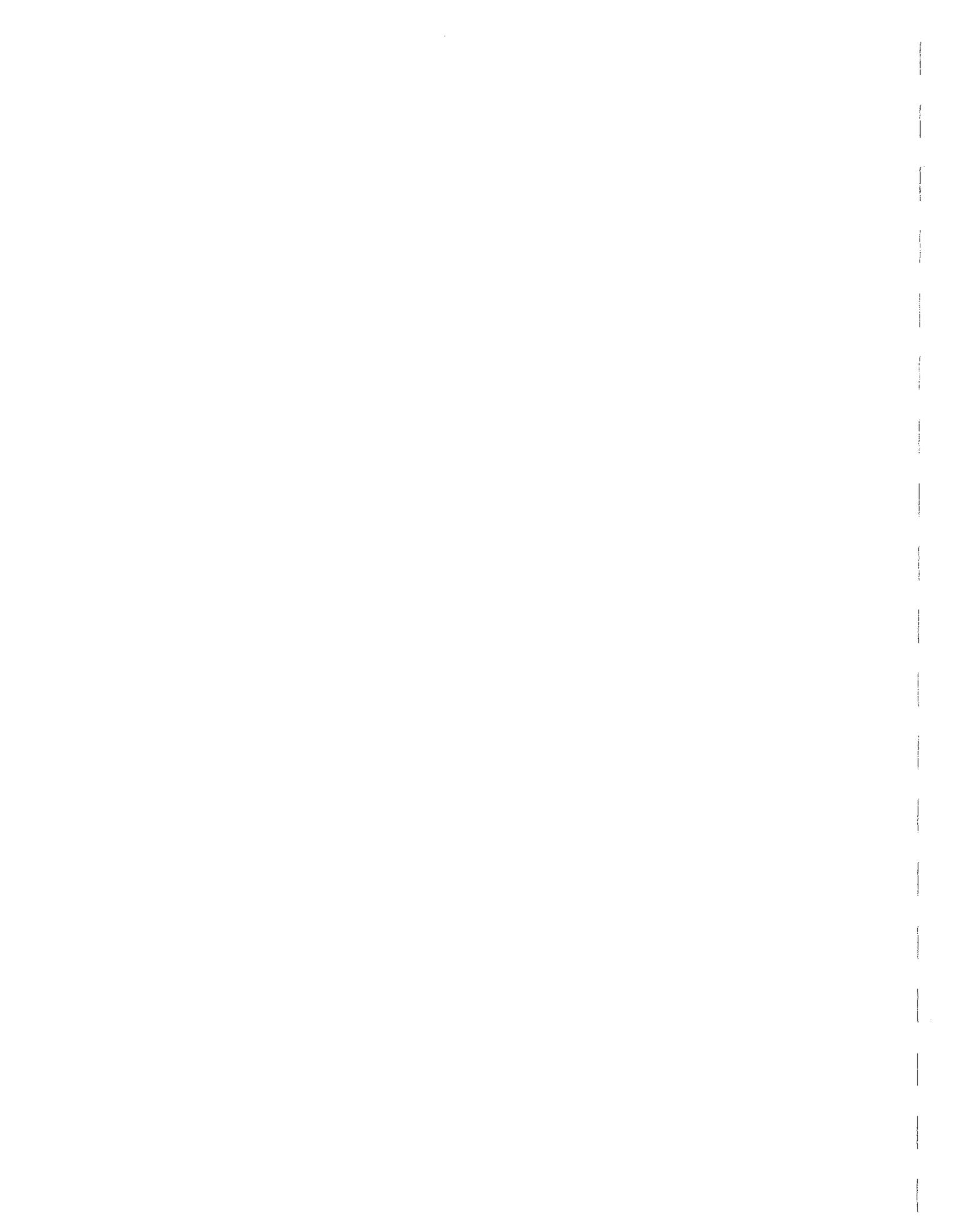
| Field ID   | Sample Description | Lab # | OSB | Date Sampled | Start Date/Time | Stop Date/Time | Com-<br>osite | Grab | *Matrix Code | ANALYSIS REQUESTED | # of containers |
|------------|--------------------|-------|-----|--------------|-----------------|----------------|---------------|------|--------------|--------------------|-----------------|
| B-2 Dup    |                    |       |     |              |                 |                |               |      |              |                    |                 |
| 8260 and   |                    |       |     |              |                 |                |               |      |              |                    |                 |
| ETPH Per   |                    |       |     |              |                 |                |               |      |              |                    |                 |
| Therese F. |                    |       |     |              |                 |                |               |      |              |                    |                 |
| PA 2141 or |                    |       |     |              |                 |                |               |      |              |                    |                 |
| 1-250 ml   |                    |       |     |              |                 |                |               |      |              |                    |                 |
| Amber      |                    |       |     |              |                 |                |               |      |              |                    |                 |
| Supplied   |                    |       |     |              |                 |                |               |      |              |                    |                 |
| for ETPH   |                    |       |     |              |                 |                |               |      |              |                    |                 |

Relinquished by: (signature)      Date/Time: 2/14/05  
 Received by: (signature)      Date/Time: 2/10/05 10:25  
 Relinquished by: (signature)      Date/Time: 2/10/05 15:43  
 Received by: (signature)      Date/Time: 2/10/05 15:48

Turnaround \*\*  
 5-Day  
 7-Day  
 10-Day  
 RUSH \*  
 \*24-Hr  \*48-Hr  
 \*72-Hr  \*4-Day  
 \* Require lab approval

Detection Limit Requirements  
 Regulations?       
 Data Enhancement Project?  Y  N  
 (MA MCP sites only)  
 Special Requirements or DL's:     

\*\*Turnaround time begins at 9:00 a.m. the day after sample receipt (unless received before 2:00 p.m.)





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REPORT DATE 2/23/2005

VANASSE HANGEN BRUSTLIN, INC.  
54 TUTTLE PLACE  
MIDDLETOWN, CT 06457  
ATTN: AMY CZERWONKA

CONTRACT NUMBER:  
PURCHASE ORDER NUMBER: 40990.00

PROJECT NUMBER:

**ANALYTICAL SUMMARY**

LIMS BAT #: LIMS-85922

JOB NUMBER: 40990.00

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: FERRYST/GREEN ST

| FIELD SAMPLE # | LAB ID   | MATRIX | SAMPLE DESCRIPTION | TEST             |
|----------------|----------|--------|--------------------|------------------|
| B-09           | 05B04593 | SOIL   | 17-19 GREEN ST     | 8260 dry weight  |
| B-09           | 05B04593 | SOIL   | 17-19 GREEN ST     | etph dry weight  |
| B-09           | 05B04593 | SOIL   | 17-19 GREEN ST     | metals-8 slg icp |
| B-09           | 05B04593 | SOIL   | 17-19 GREEN ST     | pah - sludge     |
| B-09           | 05B04593 | SOIL   | 17-19 GREEN ST     | solids (percent) |
| B-10           | 05B04594 | SOIL   | 26-28 FERRY ST     | 8260 dry weight  |
| B-10           | 05B04594 | SOIL   | 26-28 FERRY ST     | etph dry weight  |
| B-10           | 05B04594 | SOIL   | 26-28 FERRY ST     | metals-8 slg icp |
| B-10           | 05B04594 | SOIL   | 26-28 FERRY ST     | pah - sludge     |
| B-10           | 05B04594 | SOIL   | 26-28 FERRY ST     | solids (percent) |
| B-11           | 05B04595 | SOIL   | 56 FERRY ST        | 8260 dry weight  |
| B-11           | 05B04595 | SOIL   | 56 FERRY ST        | etph dry weight  |
| B-11           | 05B04595 | SOIL   | 56 FERRY ST        | metals-8 slg icp |
| B-11           | 05B04595 | SOIL   | 56 FERRY ST        | pah - sludge     |
| B-11           | 05B04595 | SOIL   | 56 FERRY ST        | solids (percent) |
| B-12           | 05B04596 | SOIL   | 70 FERRY REAR      | 8260 dry weight  |
| B-12           | 05B04596 | SOIL   | 70 FERRY REAR      | etph dry weight  |
| B-12           | 05B04596 | SOIL   | 70 FERRY REAR      | metals-8 slg icp |
| B-12           | 05B04596 | SOIL   | 70 FERRY REAR      | pah - sludge     |
| B-12           | 05B04596 | SOIL   | 70 FERRY REAR      | solids (percent) |
| B-12DUP        | 05B04598 | SOIL   | DUPLICATE          | 8260 dry weight  |
| B-12DUP        | 05B04598 | SOIL   | DUPLICATE          | etph dry weight  |
| B-12DUP        | 05B04598 | SOIL   | DUPLICATE          | metals-8 slg icp |
| B-12DUP        | 05B04598 | SOIL   | DUPLICATE          | pah - sludge     |
| B-12DUP        | 05B04598 | SOIL   | DUPLICATE          | solids (percent) |
| B-13           | 05B04597 | SOIL   | 68-70 FERRY ST     | 8260 dry weight  |
| B-13           | 05B04597 | SOIL   | 68-70 FERRY ST     | etph dry weight  |
| B-13           | 05B04597 | SOIL   | 68-70 FERRY ST     | metals-8 slg icp |
| B-13           | 05B04597 | SOIL   | 68-70 FERRY ST     | pah - sludge     |
| B-13           | 05B04597 | SOIL   | 68-70 FERRY ST     | solids (percent) |



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REPORT DATE 2/23/2005

VANASSE HANGEN BRUSTLIN, INC.  
54 TUTTLE PLACE  
MIDDLETOWN, CT 06457  
ATTN: AMY CZERWONKA

CONTRACT NUMBER:  
PURCHASE ORDER NUMBER: 40990.00

PROJECT NUMBER:

**ANALYTICAL SUMMARY**

LIMS BAT #: LIMS-85922  
JOB NUMBER: 40990.00

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations :

|                           |                                 |                                 |
|---------------------------|---------------------------------|---------------------------------|
| AIHA 100033               | AIHA ELLAP (LEAD) 100033        |                                 |
| MASSACHUSETTS MA0100      | NEW HAMPSHIRE NELAP 2516        | NEW JERSEY NELAP NJ MA007 (AIR) |
| CONNECTICUT PH-0567       | VERMONT DOH (LEAD) No. LL015036 | ARIZONA AZ0648                  |
| NEW YORK ELAP/NELAP 10899 | RHODE ISLAND (LIC. No. 112)     | ARIZONA AZ0654 (AIR)            |

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

*Edward Denson 2/23/05*

SIGNATURE

DATE

Tod Kopyscinski  
Director of Operations

Sondra S. Kocot  
Quality Control Coordinator

Edward Denson  
Technical Director









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AMY CZERWONKA  
 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

2/23/2005  
 Page 4 of 33

Project Location: FERRYST/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: B-10

LIMS-BAT #: LIMS-85922  
 Job Number: 40990.00

Sample ID: 05B04594      Sampled: 2/7/2005  
 26-28 FERRY ST

Sample Matrix: SOIL

|                             | Units        | Results | Date Analyzed | Analyst | RL    | SPEC Limit |    | P/ F |
|-----------------------------|--------------|---------|---------------|---------|-------|------------|----|------|
|                             |              |         |               |         |       | Lo         | Hi |      |
| Acetone                     | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.107 |            |    |      |
| Acrolein                    | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.043 |            |    |      |
| Acrylonitrile               | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.011 |            |    |      |
| tert-Amylmethyl Ether       | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Benzene                     | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Bromobenzene                | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| Bromochloromethane          | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| Bromodichloromethane        | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| Bromoform                   | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| Bromomethane                | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| 2-Butanone (MEK)            | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.026 |            |    |      |
| tert-Butyl Alcohol          | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.043 |            |    |      |
| n-Butylbenzene              | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| sec-Butylbenzene            | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| tert-Butylbenzene           | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| tert-Butylethyl Ether       | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Carbon Disulfide            | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.007 |            |    |      |
| Carbon Tetrachloride        | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| Chlorobenzene               | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Chlorodibromomethane        | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| Chloroethane                | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 2-Chloroethylvinylether     | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.021 |            |    |      |
| Chloroform                  | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.005 |            |    |      |
| Chloromethane               | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.032 |            |    |      |
| 2-Chlorotoluene             | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 4-Chlorotoluene             | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 1,2-Dibromo-3-Chloropropane | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.004 |            |    |      |
| 1,2-Dibromoethane           | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Dibromomethane              | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| 1,2-Dichlorobenzene         | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

\* = See end of report for comments and notes applying to this sample





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AMY CZERWONKA  
 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

2/23/2005  
 Page 6 of 33

Purchase Order No.: 40990.00

Project Location: FERRYST/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: B-10

LIMS-BAT #: LIMS-85922  
 Job Number: 40990.00

Sample ID : 05B04594      Sampled : 2/7/2005  
 26-28 FERRY ST

Sample Matrix: SOIL

|                           | Units        | Results | Date Analyzed | Analyst | RL    | SPEC Limit |    | P/ F |
|---------------------------|--------------|---------|---------------|---------|-------|------------|----|------|
|                           |              |         |               |         |       | Lo         | Hi |      |
| n-Propylbenzene           | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Styrene                   | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 1,1,1,2-Tetrachloroethane | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| 1,1,2,2-Tetrachloroethane | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| Tetrachloroethylene       | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| Tetrahydrofuran           | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.011 |            |    |      |
| Toluene                   | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 1,2,3-Trichlorobenzene    | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 1,2,4-Trichlorobenzene    | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 1,1,1-Trichloroethane     | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 1,1,2-Trichloroethane     | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Trichloroethylene         | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| Trichlorofluoromethane    | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 1,2,3-Trichloropropane    | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| 1,2,4-Trimethylbenzene    | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| 1,3,5-Trimethylbenzene    | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| Vinyl Acetate             | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.035 |            |    |      |
| Vinyl Chloride            | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| m + p Xylene              | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| o-Xylene                  | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |

Analytical Method:  
 SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

AMY CZERWONKA  
 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

2/23/2005  
 Page 10 of 33

Purchase Order No.: 40990.00

Project Location: FERRYST/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: B-12

LIMS-BAT #: LIMS-85922  
 Job Number: 40990.00

Sample ID : 05B04596      Sampled : 2/7/2005  
 70 FERRY REAR

Sample Matrix: SOIL

|                             | Units        | Results | Date Analyzed | Analyst | RL    | SPEC Limit |    | P/ F |
|-----------------------------|--------------|---------|---------------|---------|-------|------------|----|------|
|                             |              |         |               |         |       | Lo         | Hi |      |
| Acetone                     | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.086 |            |    |      |
| Acrolein                    | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.035 |            |    |      |
| Acrylonitrile               | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.009 |            |    |      |
| tert-Amylmethyl Ether       | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Benzene                     | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Bromobenzene                | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Bromochloromethane          | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Bromodichloromethane        | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Bromoform                   | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| Bromomethane                | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| 2-Butanone (MEK)            | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.021 |            |    |      |
| tert-Butyl Alcohol          | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.035 |            |    |      |
| n-Butylbenzene              | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| sec-Butylbenzene            | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| tert-Butylbenzene           | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| tert-Butylethyl Ether       | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Carbon Disulfide            | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.006 |            |    |      |
| Carbon Tetrachloride        | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Chlorobenzene               | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Chlorodibromomethane        | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Chloroethane                | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 2-Chloroethylvinylether     | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.017 |            |    |      |
| Chloroform                  | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.004 |            |    |      |
| Chloromethane               | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.026 |            |    |      |
| 2-Chlorotoluene             | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 4-Chlorotoluene             | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 1,2-Dibromo-3-Chloropropane | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| 1,2-Dibromoethane           | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Dibromomethane              | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 1,2-Dichlorobenzene         | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |

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AMY CZERWONKA  
 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

2/23/2005  
 Page 13 of 33

Project Location: FERRYST/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: B-12DUP

LIMS-BAT #: LIMS-85922  
 Job Number: 40990.00

Sample ID : 05B04598      Sampled : 2/7/2005  
 DUPLICATE

Sample Matrix: SOIL

|                             | Units        | Results | Date Analyzed | Analyst | RL    | SPEC Limit |    | P/ F |
|-----------------------------|--------------|---------|---------------|---------|-------|------------|----|------|
|                             |              |         |               |         |       | Lo         | Hi |      |
| Acetone                     | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.047 |            |    |      |
| Acrolein                    | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.019 |            |    |      |
| Acrylonitrile               | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.005 |            |    |      |
| tert-Amylmethyl Ether       | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Benzene                     | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Bromobenzene                | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Bromochloromethane          | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Bromodichloromethane        | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Bromoform                   | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Bromomethane                | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 2-Butanone (MEK)            | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.012 |            |    |      |
| tert-Butyl Alcohol          | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.019 |            |    |      |
| n-Butylbenzene              | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| sec-Butylbenzene            | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| tert-Butylbenzene           | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| tert-Butylethyl Ether       | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Carbon Disulfide            | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| Carbon Tetrachloride        | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Chlorobenzene               | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Chlorodibromomethane        | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Chloroethane                | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| 2-Chloroethylvinylether     | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.009 |            |    |      |
| Chloroform                  | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Chloromethane               | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.014 |            |    |      |
| 2-Chlorotoluene             | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| 4-Chlorotoluene             | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| 1,2-Dibromo-3-Chloropropane | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 1,2-Dibromoethane           | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Dibromomethane              | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 1,2-Dichlorobenzene         | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |

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AMY CZERWONKA  
 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

2/23/2005  
 Page 15 of 33

Project Location: FERRYST/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: B-12DUP

LIMS-BAT #: LIMS-85922  
 Job Number: 40990.00

Sample ID : 05B04598                      Sampled : 2/7/2005  
 DUPLICATE

Sample Matrix: SOIL

|                             | Units        | Results | Date Analyzed | Analyst | RL    | SPEC Limit |    | P/ F |
|-----------------------------|--------------|---------|---------------|---------|-------|------------|----|------|
|                             |              |         |               |         |       | Lo         | Hi |      |
| n-Propylbenzene             | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Styrene                     | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| 1,1,1,2-Tetrachloroethane   | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| 1,1,1,2,2-Tetrachloroethane | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Tetrachloroethylene         | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Tetrahydrofuran             | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.005 |            |    |      |
| Toluene                     | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| 1,2,3-Trichlorobenzene      | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| 1,2,4-Trichlorobenzene      | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| 1,1,1-Trichloroethane       | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| 1,1,2-Trichloroethane       | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Trichloroethylene           | mg/kg dry wt | 0.002   | 02/11/05      | MFF     | 0.001 |            |    |      |
| Trichlorofluoromethane      | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| 1,2,3-Trichloropropane      | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 1,2,4-Trimethylbenzene      | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| 1,3,5-Trimethylbenzene      | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Vinyl Acetate               | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.016 |            |    |      |
| Vinyl Chloride              | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| m + p Xylene                | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| o-Xylene                    | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

2/23/2005  
 Page 16 of 33

Project Location: FERRYST/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: B-13

LIMS-BAT #: LIMS-85922  
 Job Number: 40990.00

Sample ID : 05B04597      Sampled : 2/7/2005  
 68-70 FERRY ST

Sample Matrix: SOIL

|                             | Units        | Results | Date Analyzed | Analyst | RL    | SPEC Limit |    | P/ F |
|-----------------------------|--------------|---------|---------------|---------|-------|------------|----|------|
|                             |              |         |               |         |       | Lo         | Hi |      |
| Acelone                     | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.065 |            |    |      |
| Acrolein                    | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.026 |            |    |      |
| Acrylonitrile               | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.007 |            |    |      |
| tert-Amylmethyl Ether       | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Benzene                     | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Bromobenzene                | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Bromochloromethane          | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Bromodichloromethane        | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Bromoform                   | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Bromomethane                | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 2-Butanone (MEK)            | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.016 |            |    |      |
| tert-Butyl Alcohol          | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.026 |            |    |      |
| n-Butylbenzene              | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| sec-Butylbenzene            | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| tert-Butylbenzene           | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| tert-Butylethyl Ether       | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Carbon Disulfide            | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.004 |            |    |      |
| Carbon Tetrachloride        | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Chlorobenzene               | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Chlorodibromomethane        | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Chloroethane                | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 2-Chloroethylvinylether     | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.013 |            |    |      |
| Chloroform                  | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| Chloromethane               | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.020 |            |    |      |
| 2-Chlorotoluene             | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| 4-Chlorotoluene             | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| 1,2-Dibromo-3-Chloropropane | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.003 |            |    |      |
| 1,2-Dibromoethane           | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Dibromomethane              | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 1,2-Dichlorobenzene         | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |

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AMY CZERWONKA  
 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

2/23/2005  
 Page 18 of 33

Project Location: FERRYST/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: B-13

LIMS-BAT #: LIMS-85922  
 Job Number: 40990.00

Sample ID : 05B04597      Sampled : 2/7/2005  
 68-70 FERRY ST

Sample Matrix: SOIL

|                           | Units        | Results | Date Analyzed | Analyst | RL    | SPEC Limit |    | P/ F |
|---------------------------|--------------|---------|---------------|---------|-------|------------|----|------|
|                           |              |         |               |         |       | Lo         | Hi |      |
| n-Propylbenzene           | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Styrene                   | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| 1,1,1,2-Tetrachloroethane | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 1,1,2,2-Tetrachloroethane | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Tetrachloroethylene       | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Tetrahydrofuran           | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.007 |            |    |      |
| Toluene                   | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| 1,2,3-Trichlorobenzene    | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| 1,2,4-Trichlorobenzene    | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| 1,1,1-Trichloroethane     | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 1,1,2-Trichloroethane     | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| Trichloroethylene         | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Trichlorofluoromethane    | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.001 |            |    |      |
| 1,2,3-Trichloropropane    | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 1,2,4-Trimethylbenzene    | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| 1,3,5-Trimethylbenzene    | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| Vinyl Acetate             | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.022 |            |    |      |
| Vinyl Chloride            | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| m + p Xylene              | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |
| o-Xylene                  | mg/kg dry wt | ND      | 02/11/05      | MFF     | 0.002 |            |    |      |

Analytical Method:  
 SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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AMY CZERWONKA  
VANASSE HANGEN BRUSTLIN, INC.  
54 TUTTLE PLACE  
MIDDLETOWN, CT 06457

2/23/2005  
Page 20 of 33

Purchase Order No.: 40990.00

Project Location: FERRYST/GREEN ST  
Date Received: 2/8/2005  
Field Sample #: B-13

LIMS-BAT #: LIMS-85922  
Job Number: 40990.00

Sample ID : 05B04597  
Sampled : 2/7/2005  
68-70 FERRY ST

Sample Matrix: SOIL

|                        | Units            | Results | Date Analyzed | Analyst | RL  | SPEC Limit |    | P/ F |
|------------------------|------------------|---------|---------------|---------|-----|------------|----|------|
|                        |                  |         |               |         |     | Lo         | Hi |      |
| Extractable TPH (ETPH) | mg/kg dry weight | 80.     | 02/16/05      | MDT     | 12. |            |    |      |

Analytical Method:

Extractable TPH (CT ETPH)

SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE AND ANALYZED BY GAS CHROMATOGRAPHY WITH FLAME IONIZATION DETECTION (GC/FID).

RL = Reporting Limit

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NM = Not Measured

\* = See end of report for comments and notes applying to this sample

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 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

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Project Location: FERRYST/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: B-09

LIMS-BAT #: LIMS-85922  
 Job Number: 40990.00

Sample ID: 05B04593      Sampled: 2/7/2005  
 17-19 GREEN ST

Sample Matrix: SOIL

|          | Units        | Results | Date Analyzed | Analyst | RL    | SPEC Limit |    | P/ F |
|----------|--------------|---------|---------------|---------|-------|------------|----|------|
|          |              |         |               |         |       | Lo         | Hi |      |
| Arsenic  | mg/kg dry wt | ND      | 02/22/05      | KRL     | 5.63  |            |    |      |
| Barium   | mg/kg dry wt | 45.9    | 02/22/05      | KRL     | 0.11  |            |    |      |
| Cadmium  | mg/kg dry wt | 0.18    | 02/22/05      | KRL     | 0.06  |            |    |      |
| Chromium | mg/kg dry wt | 10.3    | 02/22/05      | KRL     | 0.39  |            |    |      |
| Lead     | mg/kg dry wt | 15.5    | 02/22/05      | KRL     | 2.82  |            |    |      |
| Mercury  | mg/kg dry wt | 0.014   | 02/18/05      | JTB     | 0.009 |            |    |      |
| Selenium | mg/kg dry wt | ND      | 02/22/05      | KRL     | 5.63  |            |    |      |
| Silver   | mg/kg dry wt | ND      | 02/22/05      | KRL     | 0.56  |            |    |      |

Field Sample #: B-10

Sample ID: 05B04594      Sampled: 2/7/2005  
 26-28 FERRY ST

Sample Matrix: SOIL

|          | Units        | Results | Date Analyzed | Analyst | RL    | SPEC Limit |    | P/ F |
|----------|--------------|---------|---------------|---------|-------|------------|----|------|
|          |              |         |               |         |       | Lo         | Hi |      |
| Arsenic  | mg/kg dry wt | ND      | 02/22/05      | KRL     | 5.62  |            |    |      |
| Barium   | mg/kg dry wt | 79.5    | 02/22/05      | KRL     | 0.11  |            |    |      |
| Cadmium  | mg/kg dry wt | 0.23    | 02/22/05      | KRL     | 0.06  |            |    |      |
| Chromium | mg/kg dry wt | 9.72    | 02/22/05      | KRL     | 0.39  |            |    |      |
| Lead     | mg/kg dry wt | 3.82    | 02/22/05      | KRL     | 2.81  |            |    |      |
| Mercury  | mg/kg dry wt | ND      | 02/18/05      | JTB     | 0.008 |            |    |      |
| Selenium | mg/kg dry wt | ND      | 02/22/05      | KRL     | 5.62  |            |    |      |
| Silver   | mg/kg dry wt | ND      | 02/22/05      | KRL     | 0.56  |            |    |      |

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Project Location: FERRYST/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: B-12DUP  
 Sample ID: 05B04598

LIMS-BAT #: LIMS-85922  
 Job Number: 40990.00

Sampled: 2/7/2005  
 DUPLICATE

Sample Matrix: SOIL

|          | Units        | Results | Date Analyzed | Analyst | RL    | SPEC Limit |    | P/ F |
|----------|--------------|---------|---------------|---------|-------|------------|----|------|
|          |              |         |               |         |       | Lo         | Hi |      |
| Arsenic  | mg/kg dry wt | ND      | 02/22/05      | KRL     | 5.58  |            |    |      |
| Barium   | mg/kg dry wt | 125.    | 02/22/05      | KRL     | 0.11  |            |    |      |
| Cadmium  | mg/kg dry wt | 0.50    | 02/22/05      | KRL     | 0.06  |            |    |      |
| Chromium | mg/kg dry wt | 11.6    | 02/22/05      | KRL     | 0.39  |            |    |      |
| Lead     | mg/kg dry wt | 161.    | 02/22/05      | KRL     | 2.79  |            |    |      |
| Mercury  | mg/kg dry wt | 0.261   | 02/18/05      | JTB     | 0.006 |            |    |      |
| Selenium | mg/kg dry wt | ND      | 02/22/05      | KRL     | 5.58  |            |    |      |
| Silver   | mg/kg dry wt | ND      | 02/22/05      | KRL     | 0.56  |            |    |      |

Field Sample #: B-13

Sample ID: 05B04597

Sampled: 2/7/2005  
 68-70 FERRY ST

Sample Matrix: SOIL

|          | Units        | Results | Date Analyzed | Analyst | RL    | SPEC Limit |    | P/ F |
|----------|--------------|---------|---------------|---------|-------|------------|----|------|
|          |              |         |               |         |       | Lo         | Hi |      |
| Arsenic  | mg/kg dry wt | ND      | 02/22/05      | KRL     | 5.80  |            |    |      |
| Barium   | mg/kg dry wt | 126.    | 02/22/05      | KRL     | 0.12  |            |    |      |
| Cadmium  | mg/kg dry wt | 0.63    | 02/22/05      | KRL     | 0.06  |            |    |      |
| Chromium | mg/kg dry wt | 7.73    | 02/22/05      | KRL     | 0.41  |            |    |      |
| Lead     | mg/kg dry wt | 234.    | 02/22/05      | KRL     | 2.90  |            |    |      |
| Mercury  | mg/kg dry wt | 0.217   | 02/18/05      | JTB     | 0.007 |            |    |      |
| Selenium | mg/kg dry wt | ND      | 02/22/05      | KRL     | 5.80  |            |    |      |
| Silver   | mg/kg dry wt | ND      | 02/22/05      | KRL     | 0.58  |            |    |      |

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Purchase Order No.: 40990.00

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Project Location: FERRYST/GREEN ST  
Date Received: 2/8/2005

LIMS-BAT #: LIMS-85922  
Job Number: 40990.00

Analytical Method: Arsenic  
SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Barium  
SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Cadmium  
SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Chromium  
SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Lead  
SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Mercury  
SW846 3050/7471

SAMPLES ARE DIGESTED WITH ACIDS AND THEN ANALYZED BY  
COLD VAPOR (FLAMELESS) ATOMIC ABSORPTION SPECTROPHOTOMETRY

Analytical Method: Selenium  
SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Silver  
SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

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Purchase Order No.: 40990.00

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Project Location: FERRYST/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: B-10  
 Sample ID: 05B04594

LIMS-BAT #: LIMS-85922  
 Job Number: 40990.00

Sampled: 2/7/2005  
 26-28 FERRY ST

Sample Matrix: SOIL

|                        | Units        | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|------------------------|--------------|---------|---------------|---------|------|------------|----|------|
|                        |              |         |               |         |      | Lo         | Hi |      |
| Acenaphthene           | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Acenaphthylene         | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Anthracene             | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Benzo(a)anthracene     | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Benzo(a)pyrene         | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Benzo(b)fluoranthene   | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Benzo(g,h,i)perylene   | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Benzo(k)fluoranthene   | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Chrysene               | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Dibenz(a,h)anthracene  | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Fluoranthene           | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Fluorene               | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Indeno(1,2,3-cd)pyrene | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| 2-Methylnaphthalene    | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Naphthalene            | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Phenanthrene           | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Pyrene                 | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |

Analytical Method:  
 SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.: 40990.00

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Project Location: FERRYST/GREEN ST  
Date Received: 2/8/2005  
Field Sample #: B-12

LIMS-BAT #: LIMS-85922  
Job Number: 40990.00

Sample ID : 05B04596      Sampled : 2/7/2005  
70 FERRY REAR

Sample Matrix: SOIL

|                        | Units        | Results | Date Analyzed | Analyst | RL   | SPEC Limit<br>Lo      Hi | P/ F |
|------------------------|--------------|---------|---------------|---------|------|--------------------------|------|
| Acenaphthene           | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |                          |      |
| Acenaphthylene         | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |                          |      |
| Anthracene             | mg/kg dry wt | 0.26    | 02/17/05      | BGL     | 0.19 |                          |      |
| Benzo(a)anthracene     | mg/kg dry wt | 0.83    | 02/17/05      | BGL     | 0.19 |                          |      |
| Benzo(a)pyrene         | mg/kg dry wt | 0.65    | 02/17/05      | BGL     | 0.19 |                          |      |
| Benzo(b)fluoranthene   | mg/kg dry wt | 0.92    | 02/17/05      | BGL     | 0.19 |                          |      |
| Benzo(g,h,i)perylene   | mg/kg dry wt | 0.29    | 02/17/05      | BGL     | 0.19 |                          |      |
| Benzo(k)fluoranthene   | mg/kg dry wt | 0.34    | 02/17/05      | BGL     | 0.19 |                          |      |
| Chrysene               | mg/kg dry wt | 0.97    | 02/17/05      | BGL     | 0.19 |                          |      |
| Dibenz(a,h)anthracene  | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |                          |      |
| Fluoranthene           | mg/kg dry wt | 1.36    | 02/17/05      | BGL     | 0.19 |                          |      |
| Fluorene               | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |                          |      |
| Indeno(1,2,3-cd)pyrene | mg/kg dry wt | 0.32    | 02/17/05      | BGL     | 0.19 |                          |      |
| 2-Methylnaphthalene    | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |                          |      |
| Naphthalene            | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |                          |      |
| Phenanthrene           | mg/kg dry wt | 1.03    | 02/17/05      | BGL     | 0.19 |                          |      |
| Pyrene                 | mg/kg dry wt | 1.53    | 02/17/05      | BGL     | 0.19 |                          |      |

Analytical Method:  
SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND  
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Purchase Order No.: 40990.00

Project Location: FERRYST/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: B-12DUP

LIMS-BAT #: LIMS-85922  
 Job Number: 40990.00

Sample ID : 05B04598      Sampled : 2/7/2005  
 DUPLICATE

Sample Matrix: SOIL

|                        | Units        | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|------------------------|--------------|---------|---------------|---------|------|------------|----|------|
|                        |              |         |               |         |      | Lo         | Hi |      |
| Acenaphthene           | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Acenaphthylene         | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Anthracene             | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Benzo(a)anthracene     | mg/kg dry wt | 0.31    | 02/17/05      | BGL     | 0.19 |            |    |      |
| Benzo(a)pyrene         | mg/kg dry wt | 0.26    | 02/17/05      | BGL     | 0.19 |            |    |      |
| Benzo(b)fluoranthene   | mg/kg dry wt | 0.39    | 02/17/05      | BGL     | 0.19 |            |    |      |
| Benzo(g,h,i)perylene   | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Benzo(k)fluoranthene   | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Chrysene               | mg/kg dry wt | 0.35    | 02/17/05      | BGL     | 0.19 |            |    |      |
| Dibenz(a,h)anthracene  | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Fluoranthene           | mg/kg dry wt | 0.52    | 02/17/05      | BGL     | 0.19 |            |    |      |
| Fluorene               | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Indeno(1,2,3-cd)pyrene | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| 2-Methylnaphthalene    | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Naphthalene            | mg/kg dry wt | ND      | 02/17/05      | BGL     | 0.19 |            |    |      |
| Phenanthrene           | mg/kg dry wt | 0.31    | 02/17/05      | BGL     | 0.19 |            |    |      |
| Pyrene                 | mg/kg dry wt | 0.62    | 02/17/05      | BGL     | 0.19 |            |    |      |

Analytical Method:  
 SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND  
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Purchase Order No.: 40990.00

Project Location: FERRYST/GREEN ST  
Date Received: 2/8/2005  
Field Sample #: B-13

LIMS-BAT #: LIMS-85922  
Job Number: 40990.00

Sample ID : 05B04597      Sampled : 2/7/2005  
68-70 FERRY ST  
Sample Matrix: SOIL

|               | Units | Results | Date Analyzed | Analyst | RL | SPEC Limit<br>Lo Hi | P/ F |
|---------------|-------|---------|---------------|---------|----|---------------------|------|
| Solids, total | %     | 86.3    | 02/11/05      | KFD     |    |                     |      |

Analytical Method:

SM 2540G

PERCENT OF SAMPLE REMAINING AFTER DRYING OVERNIGHT AT 103-105 DEGREES CENTIGRADE.

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Purchase Order No.: 40990.00

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Project Location: FERRYST/GREEN ST  
Date Received: 2/8/2005

LIMS-BAT #: LIMS-85922  
Job Number: 40990.00

The following notes were attached to the reported analysis :

Sample ID: \* 05B04596  
Analysis: Silver

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL  
BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX  
EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED AND  
IS LIKELY.

\*\* END OF REPORT \*\*

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 2/23/2005

Lims Bat #: LIMS-85922

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QC Batch Number: GC/FID-12607

| Sample Id   | Analysis               | QC Analysis | Values | Units          | Limits |
|-------------|------------------------|-------------|--------|----------------|--------|
| BLANK-70204 | Extractable TPH (ETPH) | Blank       | <10.   | mg/kg dry weig |        |

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 2/23/2005

Lims Bat #: LIMS-85922

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QC Batch Number: GCMS/SEMI-6524

| Sample Id            | Analysis               | QC Analysis        | Values       | Units        | Limits |
|----------------------|------------------------|--------------------|--------------|--------------|--------|
| 05B04593             | Nitrobenzene-d5        | Surrogate Recovery | 81.0         | %            | 30-130 |
|                      | 2-Fluorobiphenyl       | Surrogate Recovery | 71.4         | %            | 30-130 |
|                      | Terphenyl-d14          | Surrogate Recovery | 75.4         | %            | 30-130 |
| 05B04594             | Nitrobenzene-d5        | Surrogate Recovery | 65.8         | %            | 30-130 |
|                      | 2-Fluorobiphenyl       | Surrogate Recovery | 60.3         | %            | 30-130 |
|                      | Terphenyl-d14          | Surrogate Recovery | 64.3         | %            | 30-130 |
| 05B04595             | Nitrobenzene-d5        | Surrogate Recovery | 72.4         | %            | 30-130 |
|                      | 2-Fluorobiphenyl       | Surrogate Recovery | 63.6         | %            | 30-130 |
|                      | Terphenyl-d14          | Surrogate Recovery | 70.8         | %            | 30-130 |
| 05B04596             | Nitrobenzene-d5        | Surrogate Recovery | 71.4         | %            | 30-130 |
|                      | 2-Fluorobiphenyl       | Surrogate Recovery | 64.1         | %            | 30-130 |
|                      | Terphenyl-d14          | Surrogate Recovery | 77.4         | %            | 30-130 |
| 05B04597             | Nitrobenzene-d5        | Surrogate Recovery | 80.0         | %            | 30-130 |
|                      | 2-Fluorobiphenyl       | Surrogate Recovery | 66.6         | %            | 30-130 |
|                      | Terphenyl-d14          | Surrogate Recovery | 88.2         | %            | 30-130 |
| 05B04598             | Nitrobenzene-d5        | Surrogate Recovery | 73.0         | %            | 30-130 |
|                      | 2-Fluorobiphenyl       | Surrogate Recovery | 70.0         | %            | 30-130 |
|                      | Terphenyl-d14          | Surrogate Recovery | 77.0         | %            | 30-130 |
| BLANK-70203          | Naphthalene            | Blank              | <0.17        | mg/kg dry wt |        |
|                      | Acenaphthene           | Blank              | <0.17        | mg/kg dry wt |        |
|                      | Acenaphthylene         | Blank              | <0.17        | mg/kg dry wt |        |
|                      | Anthracene             | Blank              | <0.17        | mg/kg dry wt |        |
|                      | Benzo(a)anthracene     | Blank              | <0.17        | mg/kg dry wt |        |
|                      | Benzo(a)pyrene         | Blank              | <0.17        | mg/kg dry wt |        |
|                      | Benzo(b)fluoranthene   | Blank              | <0.17        | mg/kg dry wt |        |
|                      | Benzo(g,h,i)perylene   | Blank              | <0.17        | mg/kg dry wt |        |
|                      | Chrysene               | Blank              | <0.17        | mg/kg dry wt |        |
|                      | Dibenz(a,h)anthracene  | Blank              | <0.17        | mg/kg dry wt |        |
|                      | Fluoranthene           | Blank              | <0.17        | mg/kg dry wt |        |
|                      | Fluorene               | Blank              | <0.17        | mg/kg dry wt |        |
|                      | Indeno(1,2,3-cd)pyrene | Blank              | <0.17        | mg/kg dry wt |        |
|                      | 2-Methylnaphthalene    | Blank              | <0.17        | mg/kg dry wt |        |
|                      | Phenanthrene           | Blank              | <0.17        | mg/kg dry wt |        |
|                      | Pyrene                 | Blank              | <0.17        | mg/kg dry wt |        |
| Benzo(k)fluoranthene | Blank                  | <0.17              | mg/kg dry wt |              |        |



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 2/23/2005 Lims Bat #: LIMS-85922 Page 3 of 9

QC Batch Number: GCMS/VOL-11454

| Sample Id           | Analysis               | QC Analysis        | Values       | Units        | Limits |
|---------------------|------------------------|--------------------|--------------|--------------|--------|
| 05B04593            | 1,2-Dichloroethane-d4  | Surrogate Recovery | 103.680      | %            | 70-130 |
|                     | Toluene-d8             | Surrogate Recovery | 109.880      | %            | 70-130 |
|                     | Bromofluorobenzene     | Surrogate Recovery | 97.960       | %            | 70-130 |
| 05B04594            | 1,2-Dichloroethane-d4  | Surrogate Recovery | 112.040      | %            | 70-130 |
|                     | Toluene-d8             | Surrogate Recovery | 90.280       | %            | 70-130 |
|                     | Bromofluorobenzene     | Surrogate Recovery | 98.480       | %            | 70-130 |
| 05B04595            | 1,2-Dichloroethane-d4  | Surrogate Recovery | 104.560      | %            | 70-130 |
|                     | Toluene-d8             | Surrogate Recovery | 110.320      | %            | 70-130 |
|                     | Bromofluorobenzene     | Surrogate Recovery | 90.000       | %            | 70-130 |
| 05B04596            | 1,2-Dichloroethane-d4  | Surrogate Recovery | 103.520      | %            | 70-130 |
|                     | Toluene-d8             | Surrogate Recovery | 102.440      | %            | 70-130 |
|                     | Bromofluorobenzene     | Surrogate Recovery | 91.200       | %            | 70-130 |
| 05B04597            | 1,2-Dichloroethane-d4  | Surrogate Recovery | 121.000      | %            | 70-130 |
|                     | Toluene-d8             | Surrogate Recovery | 92.880       | %            | 70-130 |
|                     | Bromofluorobenzene     | Surrogate Recovery | 93.080       | %            | 70-130 |
| 05B04598            | 1,2-Dichloroethane-d4  | Surrogate Recovery | 108.720      | %            | 70-130 |
|                     | Toluene-d8             | Surrogate Recovery | 113.776      | %            | 70-130 |
|                     | Bromofluorobenzene     | Surrogate Recovery | 91.400       | %            | 70-130 |
| BLANK-70083         | Acetone                | Blank              | <0.100       | mg/kg dry wt |        |
|                     | Benzene                | Blank              | <0.002       | mg/kg dry wt |        |
|                     | Carbon Tetrachloride   | Blank              | <0.002       | mg/kg dry wt |        |
|                     | Chloroform             | Blank              | <0.004       | mg/kg dry wt |        |
|                     | 1,2-Dichloroethane     | Blank              | <0.002       | mg/kg dry wt |        |
|                     | 1,4-Dichlorobenzene    | Blank              | <0.002       | mg/kg dry wt |        |
|                     | Ethyl Benzene          | Blank              | <0.002       | mg/kg dry wt |        |
|                     | 2-Butanone (MEK)       | Blank              | <0.024       | mg/kg dry wt |        |
|                     | MIBK                   | Blank              | <0.018       | mg/kg dry wt |        |
|                     | Naphthalene            | Blank              | <0.002       | mg/kg dry wt |        |
|                     | Styrene                | Blank              | <0.002       | mg/kg dry wt |        |
|                     | Tetrachloroethylene    | Blank              | <0.002       | mg/kg dry wt |        |
|                     | Toluene                | Blank              | <0.002       | mg/kg dry wt |        |
|                     | 1,1,1-Trichloroethane  | Blank              | <0.002       | mg/kg dry wt |        |
|                     | Trichloroethylene      | Blank              | <0.002       | mg/kg dry wt |        |
|                     | Trichlorofluoromethane | Blank              | <0.002       | mg/kg dry wt |        |
|                     | o-Xylene               | Blank              | <0.002       | mg/kg dry wt |        |
| m + p Xylene        | Blank                  | <0.003             | mg/kg dry wt |              |        |
| 1,2-Dichlorobenzene | Blank                  | <0.002             | mg/kg dry wt |              |        |

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

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Sample Matrix Spikes and Matrix Spike Duplicates

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Method Blanks

Report Date: 2/23/2005

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QC Batch Number: GCMS/VOL-11454

| Sample Id   | Analysis                   | QC Analysis | Values | Units        | Limits |
|-------------|----------------------------|-------------|--------|--------------|--------|
| BLANK-70083 | 1,3-Dichlorobenzene        | Blank       | <0.002 | mg/kg dry wt |        |
|             | 1,1-Dichloroethane         | Blank       | <0.002 | mg/kg dry wt |        |
|             | 1,1-Dichloroethylene       | Blank       | <0.002 | mg/kg dry wt |        |
|             | 1,4-Dioxane                | Blank       | <0.100 | mg/kg dry wt |        |
|             | MTBE                       | Blank       | <0.002 | mg/kg dry wt |        |
|             | trans-1,2-Dichloroethylene | Blank       | <0.002 | mg/kg dry wt |        |
|             | Vinyl Chloride             | Blank       | <0.002 | mg/kg dry wt |        |
|             | Methylene Chloride         | Blank       | <0.030 | mg/kg dry wt |        |
|             | Chlorobenzene              | Blank       | <0.002 | mg/kg dry wt |        |
|             | Chloromethane              | Blank       | <0.030 | mg/kg dry wt |        |
|             | Bromomethane               | Blank       | <0.003 | mg/kg dry wt |        |
|             | Chloroethane               | Blank       | <0.002 | mg/kg dry wt |        |
|             | cis-1,3-Dichloropropene    | Blank       | <0.002 | mg/kg dry wt |        |
|             | trans-1,3-Dichloropropene  | Blank       | <0.001 | mg/kg dry wt |        |
|             | Chlorodibromomethane       | Blank       | <0.002 | mg/kg dry wt |        |
|             | 1,1,2-Trichloroethane      | Blank       | <0.002 | mg/kg dry wt |        |
|             | 2-Chloroethylvinylether    | Blank       | <0.020 | mg/kg dry wt |        |
|             | Bromoform                  | Blank       | <0.003 | mg/kg dry wt |        |
|             | 1,1,2,2-Tetrachloroethane  | Blank       | <0.003 | mg/kg dry wt |        |
|             | 2-Chlorotoluene            | Blank       | <0.002 | mg/kg dry wt |        |
|             | Hexachlorobutadiene        | Blank       | <0.003 | mg/kg dry wt |        |
|             | Isopropylbenzene           | Blank       | <0.002 | mg/kg dry wt |        |
|             | p-Isopropyltoluene         | Blank       | <0.002 | mg/kg dry wt |        |
|             | n-Propylbenzene            | Blank       | <0.002 | mg/kg dry wt |        |
|             | sec-Butylbenzene           | Blank       | <0.002 | mg/kg dry wt |        |
|             | tert-Butylbenzene          | Blank       | <0.002 | mg/kg dry wt |        |
|             | 1,2,3-Trichlorobenzene     | Blank       | <0.002 | mg/kg dry wt |        |
|             | 1,2,4-Trichlorobenzene     | Blank       | <0.002 | mg/kg dry wt |        |
|             | 1,2,4-Trimethylbenzene     | Blank       | <0.002 | mg/kg dry wt |        |
|             | 1,3,5-Trimethylbenzene     | Blank       | <0.002 | mg/kg dry wt |        |
|             | 4-Chlorotoluene            | Blank       | <0.002 | mg/kg dry wt |        |
|             | Dibromomethane             | Blank       | <0.003 | mg/kg dry wt |        |
|             | cis-1,2-Dichloroethylene   | Blank       | <0.002 | mg/kg dry wt |        |
|             | 1,1-Dichloropropene        | Blank       | <0.003 | mg/kg dry wt |        |
|             | 1,2-Dichloropropane        | Blank       | <0.002 | mg/kg dry wt |        |
|             | 1,3-Dichloropropane        | Blank       | <0.002 | mg/kg dry wt |        |
|             | 2,2-Dichloropropane        | Blank       | <0.002 | mg/kg dry wt |        |
|             | 1,1,1,2-Tetrachloroethane  | Blank       | <0.002 | mg/kg dry wt |        |
|             | 1,2,3-Trichloropropane     | Blank       | <0.003 | mg/kg dry wt |        |
|             | n-Butylbenzene             | Blank       | <0.002 | mg/kg dry wt |        |
|             | Dichlorodifluoromethane    | Blank       | <0.002 | mg/kg dry wt |        |
|             | Bromochloromethane         | Blank       | <0.002 | mg/kg dry wt |        |
|             | Bromobenzene               | Blank       | <0.002 | mg/kg dry wt |        |



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 2/23/2005

Lims Bat #: LIMS-85922

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QC Batch Number: GCMS/VOL-11454

| Sample Id   | Analysis                    | QC Analysis | Values | Units        | Limits |
|-------------|-----------------------------|-------------|--------|--------------|--------|
| BLANK-70083 | Iodomethane                 | Blank       | <0.002 | mg/kg dry wt |        |
|             | Acrolein                    | Blank       | <0.040 | mg/kg dry wt |        |
|             | Acrylonitrile               | Blank       | <0.010 | mg/kg dry wt |        |
|             | Carbon Disulfide            | Blank       | <0.006 | mg/kg dry wt |        |
|             | Vinyl Acetate               | Blank       | <0.033 | mg/kg dry wt |        |
|             | 2-Hexanone                  | Blank       | <0.020 | mg/kg dry wt |        |
|             | trans-1,4-Dichloro-2-Butene | Blank       | <0.005 | mg/kg dry wt |        |
|             | Ethyl Methacrylate          | Blank       | <0.002 | mg/kg dry wt |        |
|             | cls-1,4-Dichloro-2-Butene   | Blank       | <0.005 | mg/kg dry wt |        |
|             | Diethyl Ether               | Blank       | <0.004 | mg/kg dry wt |        |
|             | Bromodichloromethane        | Blank       | <0.002 | mg/kg dry wt |        |
|             | 1,2-Dibromo-3-Chloropropane | Blank       | <0.004 | mg/kg dry wt |        |
|             | 1,2-Dibromoethane           | Blank       | <0.002 | mg/kg dry wt |        |
|             | Tetrahydrofuran             | Blank       | <0.010 | mg/kg dry wt |        |
|             | tert-Butyl Alcohol          | Blank       | <0.040 | mg/kg dry wt |        |
|             | Diisopropyl Ether           | Blank       | <0.001 | mg/kg dry wt |        |
|             | tert-Butylethyl Ether       | Blank       | <0.001 | mg/kg dry wt |        |
|             | tert-Amylmethyl Ether       | Blank       | <0.001 | mg/kg dry wt |        |



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QC SUMMARY REPORT

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Sample Matrix Spikes and Matrix Spike Duplicates

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Method Blanks

Report Date: 2/23/2005 Lims Bat #: LIMS-85922 Page 6 of 9

QC Batch Number: HG-5047

| Sample Id     | Analysis | QC Analysis          | Values  | Units        | Limits |
|---------------|----------|----------------------|---------|--------------|--------|
| BLANK-70278   | Mercury  | Blank                | <0.010  | mg/kg dry wt |        |
| LFBLANK-39369 | Mercury  | Lab Fort Blank Amt.  | 0.500   | mg/kg dry wt |        |
|               |          | Lab Fort Blk. Found  | 0.562   | mg/kg dry wt |        |
|               |          | Lab Fort Blk. % Rec. | 112.500 | %            | 80-120 |



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QC SUMMARY REPORT

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Standard Reference Materials and Duplicates

Method Blanks

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Lims Bat #: LIMS-85922

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QC Batch Number: ICP-11331

| Sample Id            | Analysis             | QC Analysis          | Values        | Units        | Limits       |
|----------------------|----------------------|----------------------|---------------|--------------|--------------|
| 05B04596             | Arsenic              | Sample Amount        | <5.65         | mg/kg dry wt |              |
|                      |                      | Matrix Spk Amt Added | 113.08        | mg/kg dry wt |              |
|                      |                      | MS Amt Measured      | 120.92        | mg/kg dry wt |              |
|                      |                      | Matrix Spike % Rec.  | 106.93        | %            | 70-130       |
|                      | Barium               | Sample Amount        | 106.18        | mg/kg dry wt |              |
|                      |                      | Duplicate Value      | 97.99         | mg/kg dry wt |              |
|                      |                      | Duplicate RPD        | 8.03          | %            | 0-35         |
|                      |                      | Sample Amount        | 106.18        | mg/kg dry wt |              |
|                      |                      | Matrix Spk Amt Added | 113.08        | mg/kg dry wt |              |
|                      |                      | MS Amt Measured      | 238.32        | mg/kg dry wt |              |
|                      |                      | Matrix Spike % Rec.  | 116.84        | %            | 70-130       |
|                      |                      | Cadmium              | Sample Amount | 0.32         | mg/kg dry wt |
|                      | Duplicate Value      |                      | 0.34          | mg/kg dry wt |              |
|                      | Duplicate RPD        |                      | 6.17          | %            | 0-35         |
|                      | Sample Amount        |                      | 0.32          | mg/kg dry wt |              |
|                      | Matrix Spk Amt Added |                      | 113.08        | mg/kg dry wt |              |
|                      | MS Amt Measured      |                      | 119.88        | mg/kg dry wt |              |
|                      | Matrix Spike % Rec.  |                      | 105.73        | %            | 70-130       |
|                      | Chromium             |                      | Sample Amount | 9.30         | mg/kg dry wt |
|                      |                      | Duplicate Value      | 11.53         | mg/kg dry wt |              |
|                      |                      | Duplicate RPD        | 21.34         | %            | 0-35         |
|                      |                      | Sample Amount        | 9.30          | mg/kg dry wt |              |
|                      |                      | Matrix Spk Amt Added | 113.08        | mg/kg dry wt |              |
|                      |                      | MS Amt Measured      | 127.42        | mg/kg dry wt |              |
| Matrix Spike % Rec.  |                      | 104.45               | %             | 70-130       |              |
| Lead                 |                      | Sample Amount        | 138.31        | mg/kg dry wt |              |
|                      | Duplicate Value      | 142.99               | mg/kg dry wt  |              |              |
|                      | Duplicate RPD        | 3.33                 | %             | 0-35         |              |
|                      | Sample Amount        | 138.31               | mg/kg dry wt  |              |              |
|                      | Matrix Spk Amt Added | 113.08               | mg/kg dry wt  |              |              |
|                      | MS Amt Measured      | 277.75               | mg/kg dry wt  |              |              |
|                      | Matrix Spike % Rec.  | 123.31               | %             | 70-130       |              |
|                      | Selenium             | Sample Amount        | <5.65         | mg/kg dry wt |              |
| Matrix Spk Amt Added |                      | 113.08               | mg/kg dry wt  |              |              |
| MS Amt Measured      |                      | 117.00               | mg/kg dry wt  |              |              |
| Matrix Spike % Rec.  |                      | 103.46               | %             | 70-130       |              |
| BLANK-70406          | Silver               | Blank                | <0.50         | mg/kg dry wt |              |
|                      | Arsenic              | Blank                | <5.00         | mg/kg dry wt |              |
|                      | Barium               | Blank                | <0.10         | mg/kg dry wt |              |
|                      | Cadmium              | Blank                | 0.05          | mg/kg dry wt |              |
|                      | Chromium             | Blank                | <0.35         | mg/kg dry wt |              |
|                      | Lead                 | Blank                | <2.50         | mg/kg dry wt |              |



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QC SUMMARY REPORT

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BATCH QC: Lab fortified Blanks and Duplicates  
 Standard Reference Materials and Duplicates  
 Method Blanks

Report Date: 2/23/2005 Lims Bat #: LIMS-85922 Page 8 of 9

QC Batch Number: ICP-11331

| Sample Id     | Analysis             | QC Analysis          | Values       | Units        | Limits |
|---------------|----------------------|----------------------|--------------|--------------|--------|
| BLANK-70406   | Selenium             | Blank                | <5.00        | mg/kg dry wt |        |
| LFBLANK-39471 | Silver               | Lab Fort Blank Amt.  | 100.00       | mg/kg dry wt |        |
|               |                      | Lab Fort Blk. Found  | 114.24       | mg/kg dry wt |        |
|               |                      | Lab Fort Blk. % Rec. | 114.24       | %            | 65-120 |
|               | Arsenic              | Lab Fort Blank Amt.  | 100.00       | mg/kg dry wt |        |
|               |                      | Lab Fort Blk. Found  | 116.72       | mg/kg dry wt |        |
|               |                      | Lab Fort Blk. % Rec. | 116.72       | %            | 80-120 |
|               | Barium               | Lab Fort Blank Amt.  | 100.00       | mg/kg dry wt |        |
|               |                      | Lab Fort Blk. Found  | 105.90       | mg/kg dry wt |        |
|               |                      | Lab Fort Blk. % Rec. | 105.90       | %            | 80-120 |
|               | Cadmium              | Lab Fort Blank Amt.  | 100.00       | mg/kg dry wt |        |
|               |                      | Lab Fort Blk. Found  | 115.20       | mg/kg dry wt |        |
|               |                      | Lab Fort Blk. % Rec. | 115.20       | %            | 80-120 |
|               | Chromium             | Lab Fort Blank Amt.  | 100.00       | mg/kg dry wt |        |
|               |                      | Lab Fort Blk. Found  | 108.46       | mg/kg dry wt |        |
|               |                      | Lab Fort Blk. % Rec. | 108.46       | %            | 80-120 |
|               | Lead                 | Lab Fort Blank Amt.  | 100.00       | mg/kg dry wt |        |
|               |                      | Lab Fort Blk. Found  | 110.24       | mg/kg dry wt |        |
|               |                      | Lab Fort Blk. % Rec. | 110.24       | %            | 80-120 |
| Selenium      | Lab Fort Blank Amt.  | 100.00               | mg/kg dry wt |              |        |
|               | Lab Fort Blk. Found  | 115.72               | mg/kg dry wt |              |        |
|               | Lab Fort Blk. % Rec. | 115.72               | %            | 80-120       |        |







Phone: 413-525-2332  
 Fax: 413-525-6405  
 Email: info@contestlabs.com

**CHAIN OF CUSTODY RECORD**  
*Am # 85922*

39 SPRUCE ST, 2ND FLOOR  
 EAST LONGMEADOW, MA 01028

Page \_\_\_ of \_\_\_

Company Name: Vernasse, Hanger Brustlin  
 Address: 54 Tuttle Place  
Middletown Ct  
 Attention: Roy Greenwold  
 Project Location: Ferry St/Green St  
 Sampled By: Amy Greenwold

Telephone: (610) 632-1500  
 Project #: 40990.00  
 Client PO #: 40990.00

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Fax #: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Format:  EXCEL  PDF  GIS KEY

Proposal Provided? (For Billing purposes)  
 yes 1/31/05 proposal date  no

| Field ID | Sample Description  | Lab # | Date Sampled       |                   | Com-<br>osite | Grab | *Matrix Code |
|----------|---|-------|--------------------|-------------------|---------------|------|--------------|
|          |   |       | Start<br>Date/Time | Stop<br>Date/Time |               |      |              |
| B-9      | 17-19 Green St  | 04593 | 2/7/05             | 2/7/05            | ✓             | ✓    | S            |
| B-10     | 26-28 Ferry St  | 04594 | ✓                  | ✓                 | ✓             | ✓    | S            |
| B-11     | <del>54</del> Ferry St  | 04595 | ✓                  | ✓                 | ✓             | ✓    | S            |
| B-12     | 70 Ferry St   | 04596 | ✓                  | ✓                 | ✓             | ✓    | S            |
| B-13     | 68-70 Ferry St  | 04597 | ✓                  | ✓                 | ✓             | ✓    | S            |
|          | Wolm Brook  |       | ✓                  | ✓                 | ✓             | ✓    | S            |
|          | B-12 Duplicate 04598  |       | ✓                  | ✓                 | ✓             | ✓    | S            |
|          | 2/9 AM Army ballcock about running dry - call Bill (MO) give him call slip (MS) |       | ✓                  | ✓                 | ✓             | ✓    | S            |

Relinquished by: (signature) Amy Greenwold Date/Time: 2/8/05 4:00  
 Received by: (signature) [Signature] Date/Time: 2/8/05 4:00  
 Relinquished by: (signature) [Signature] Date/Time: 2/8/05 5:45  
 Received by: (signature) [Signature] Date/Time: 2/8 1740

| ANALYSIS REQUESTED |           | # of containers |
|--------------------|-----------|-----------------|
| ✓                  | VOC       |                 |
| ✓                  | LEAD      |                 |
| ✓                  | COPPER    |                 |
| ✓                  | CADMIUM   |                 |
| ✓                  | CHROMIUM  |                 |
| ✓                  | IRON      |                 |
| ✓                  | MANGANESE |                 |
| ✓                  | NICKEL    |                 |
| ✓                  | ZINC      |                 |
| ✓                  | PH        |                 |
| ✓                  | KAH & MHA |                 |
| ✓                  | KAH K2708 |                 |

~Cont. Code:  
 A=amber glass  
 G=glass  
 P=plastic  
 ST=sterile  
 V=vial  
 S=summa can  
 T=rediar bag  
 O=Other

Comments:

\*\*Preservation Codes:  
 I = Iced  
 H = HCL  
 M = Methanol  
 N = Nitric Acid  
 S = Sulfuric Acid  
 B = Sodium bisulfate  
 O = Other

\*Matrix Code:  
 GW= groundwater  
 WW= wastewater  
 DW= drinking water  
 A = air  
 S = soil/solid  
 SL = sludge  
 O = other

Detection Limit Requirements Regulations? CT RSKS  
 Data Enhancement Project?  Y  N  
 (MA MCP sites only)  
 Special Requirements or DL's: \_\_\_\_\_





39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

REPORT DATE 2/21/2005

VANASSE HANGEN BRUSTLIN, INC.  
54 TUTTLE PLACE  
MIDDLETOWN, CT 06457  
ATTN: AMY CZERWONKA

CONTRACT NUMBER:  
PURCHASE ORDER NUMBER: 40990.00

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMS-85920  
JOB NUMBER: 40990.00

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: FERRY/GREEN ST

| FIELD SAMPLE # | LAB ID   | MATRIX     | SAMPLE DESCRIPTION | TEST             |
|----------------|----------|------------|--------------------|------------------|
| MW-1           | 05B04581 | GRND WATER | 60 GREEN ST        | etph water       |
| MW-2           | 05B04582 | GRND WATER | 60 GREEN ST        | 8260 water       |
| MW-2           | 05B04582 | GRND WATER | 60 GREEN ST        | etph water       |
| MW-2           | 05B04582 | GRND WATER | 60 GREEN ST        | metals-8rcra h2o |
| MW-5           | 05B04583 | GRND WATER | LOT 12B            | 8260 water       |
| MW-5           | 05B04583 | GRND WATER | LOT 12B            | etph water       |
| MW-5           | 05B04583 | GRND WATER | LOT 12B            | metals-8rcra h2o |
| MW-6           | 05B04584 | GRND WATER | 12-19 GREEN ST     | 8260 water       |
| MW-6           | 05B04584 | GRND WATER | 12-19 GREEN ST     | etph water       |
| MW-6           | 05B04584 | GRND WATER | 12-19 GREEN ST     | metals-8rcra h2o |
| MW-7           | 05B04585 | GRND WATER | 26-28 FERRY ST     | 8260 water       |
| MW-7           | 05B04585 | GRND WATER | 26-28 FERRY ST     | etph water       |
| MW-7           | 05B04585 | GRND WATER | 26-28 FERRY ST     | metals-8rcra h2o |
| MW-8           | 05B04586 | GRND WATER | 54 FERRY ST        | 8260 water       |
| MW-8           | 05B04586 | GRND WATER | 54 FERRY ST        | etph water       |
| MW-8           | 05B04586 | GRND WATER | 54 FERRY ST        | metals-8rcra h2o |
| TRIP BLANK     | 05B04931 | WATER OTHE | HCL TRIP BLANK     | 8260 water       |

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations :

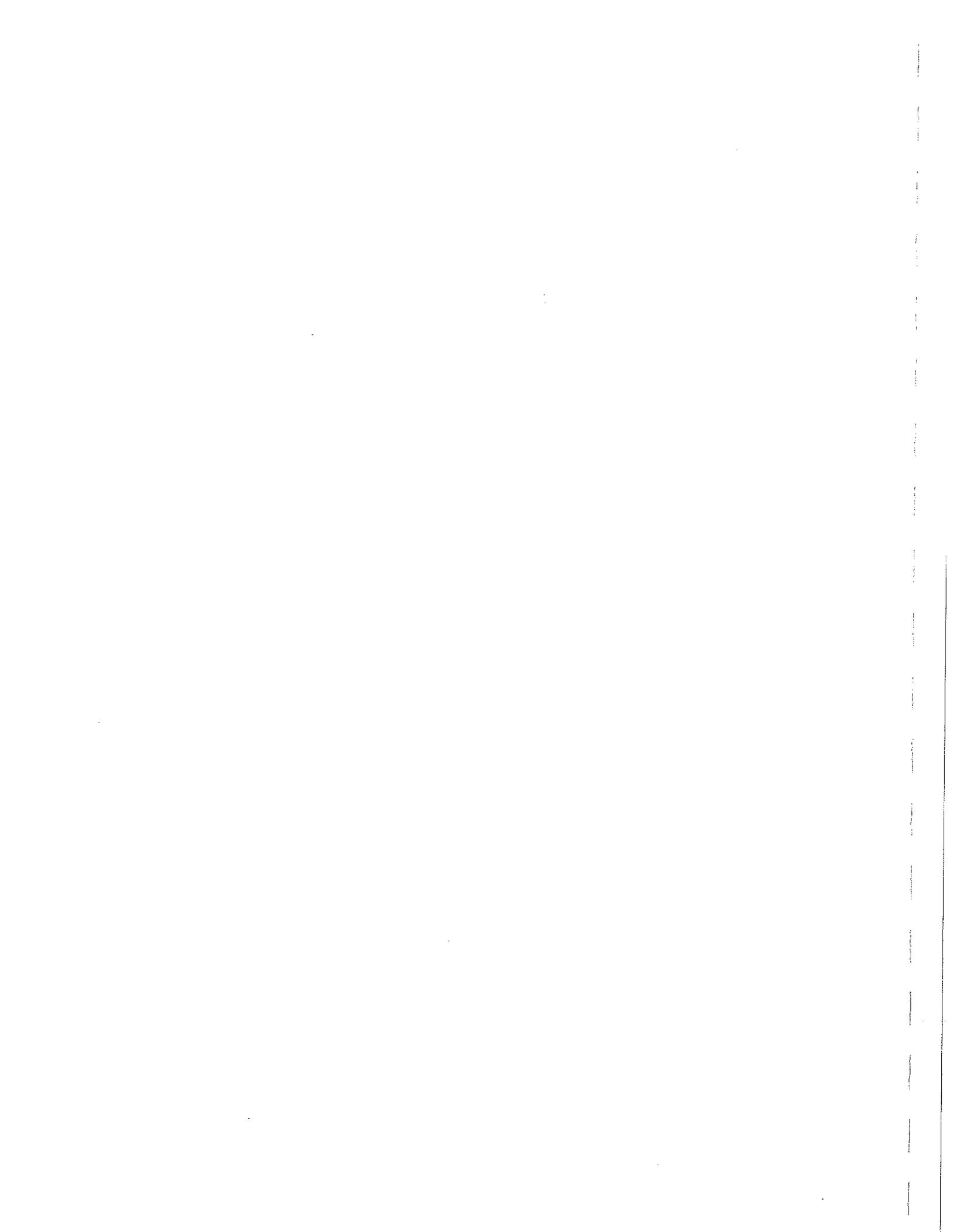
|                           |                                 |                                 |
|---------------------------|---------------------------------|---------------------------------|
| AIHA 100033               | AIHA ELLAP (LEAD) 100033        |                                 |
| MASSACHUSETTS MA0100      | NEW HAMPSHIRE NELAP 2516        | NEW JERSEY NELAP NJ MA007 (AIR) |
| CONNECTICUT PH-0567       | VERMONT DOH (LEAD) No. LL015036 | ARIZONA AZ0648                  |
| NEW YORK ELAP/NELAP 10899 | RHODE ISLAND (LIC. No. 112)     | ARIZONA AZ0654 (AIR)            |

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Edward Denson 2/21/05  
SIGNATURE DATE

Tod Kopyscinski      Sondra S. Kocot  
Director of Operations      Quality Control Coordinator

Edward Denson  
Technical Director





39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

AMY CZERWONKA  
 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

2/21/2005  
 Page 1 of 25

Purchase Order No.: 40990.00

Project Location: FERRY/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: MW-2

LIMS-BAT #: LIMS-85920  
 Job Number: 40990.00

Sample ID: 05B04582      Sampled: 2/7/2005  
 60 GREEN ST

Sample Matrix: GRND WATER

|                             | Units | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|-----------------------------|-------|---------|---------------|---------|------|------------|----|------|
|                             |       |         |               |         |      | Lo         | Hi |      |
| Acetone                     | ug/l  | 12.1    | 02/12/05      | LBD     | 10.0 |            |    |      |
| Acrolein                    | ug/l  | ND      | 02/12/05      | LBD     | 20.0 |            |    |      |
| Acrylonitrile               | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| tert-Amylmethyl Ether       | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Benzene                     | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| Bromobenzene                | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Bromochloromethane          | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| Bromodichloromethane        | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| Bromoform                   | ug/l  | ND      | 02/12/05      | LBD     | 1.2  |            |    |      |
| Bromomethane                | ug/l  | 3.3     | 02/12/05      | LBD     | 1.2  |            |    |      |
| 2-Butanone (MEK)            | ug/l  | ND      | 02/12/05      | LBD     | 10.0 |            |    |      |
| tert-Butyl Alcohol          | ug/l  | ND      | 02/12/05      | LBD     | 20.0 |            |    |      |
| n-Butylbenzene              | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| sec-Butylbenzene            | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| tert-Butylbenzene           | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| tert-Butylethyl Ether       | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Carbon Disulfide            | ug/l  | ND      | 02/12/05      | LBD     | 3.0  |            |    |      |
| Carbon Tetrachloride        | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Chlorobenzene               | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| Chlorodibromomethane        | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Chloroethane                | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| 2-Chloroethylvinylether     | ug/l  | ND      | 02/12/05      | LBD     | 9.6  |            |    |      |
| Chloroform                  | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Chloromethane               | ug/l  | ND      | 02/12/05      | LBD     | 1.2  |            |    |      |
| 2-Chlorotoluene             | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 4-Chlorotoluene             | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 1,2-Dibromo-3-Chloropropane | ug/l  | ND      | 02/12/05      | LBD     | 1.6  |            |    |      |
| 1,2-Dibromoethane           | ug/l  | ND      | 02/12/05      | LBD     | 0.70 |            |    |      |
| Dibromomethane              | ug/l  | ND      | 02/12/05      | LBD     | 1.1  |            |    |      |
| 1,2-Dichlorobenzene         | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |

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\* = See end of report for comments and notes applying to this sample



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AMY CZERWONKA  
 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

2/21/2005  
 Page 2 of 25

Purchase Order No.: 40990.00

Project Location: FERRY/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample # : MW-2

LIMS-BAT #: LIMS-85920  
 Job Number: 40990.00

Sample ID : 05B04582  
 Sampled : 2/7/2005  
 60 GREEN ST

Sample Matrix: GRND WATER

|                             | Units | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|-----------------------------|-------|---------|---------------|---------|------|------------|----|------|
|                             |       |         |               |         |      | Lo         | Hi |      |
| 1,3-Dichlorobenzene         | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 1,4-Dichlorobenzene         | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| cis-1,4-Dichloro-2-Butene   | ug/l  | ND      | 02/12/05      | LBD     | 2.4  |            |    |      |
| trans-1,4-Dichloro-2-Butene | ug/l  | ND      | 02/12/05      | LBD     | 2.1  |            |    |      |
| Dichlorodifluoromethane     | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |
| 1,1-Dichloroethane          | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2-Dichloroethane          | ug/l  | ND      | 02/12/05      | LBD     | 0.9  |            |    |      |
| 1,1-Dichloroethylene        | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| cis-1,2-Dichloroethylene    | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| trans-1,2-Dichloroethylene  | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| 1,2-Dichloropropane         | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 1,3-Dichloropropane         | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| 2,2-Dichloropropane         | ug/l  | ND      | 02/12/05      | LBD     | 0.9  |            |    |      |
| 1,1-Dichloropropene         | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| cis-1,3-Dichloropropene     | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| trans-1,3-Dichloropropene   | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| Diethyl Ether               | ug/l  | ND      | 02/12/05      | LBD     | 2.0  |            |    |      |
| Diisopropyl Ether           | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| 1,4-Dioxane                 | ug/l  | ND      | 02/12/05      | LBD     | 50.0 |            |    |      |
| Ethyl Benzene               | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| Ethyl Methacrylate          | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Hexachlorobutadiene         | ug/l  | ND      | 02/12/05      | LBD     | 1.3  |            |    |      |
| 2-Hexanone                  | ug/l  | ND      | 02/12/05      | LBD     | 9.7  |            |    |      |
| Iodomethane                 | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Isopropylbenzene            | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| p-Isopropyltoluene          | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| MTBE                        | ug/l  | 2.5     | 02/12/05      | LBD     | 0.8  |            |    |      |
| Methylene Chloride          | ug/l  | ND      | 02/12/05      | LBD     | 3.0  |            |    |      |
| MIBK                        | ug/l  | ND      | 02/12/05      | LBD     | 8.8  |            |    |      |
| Naphthalene                 | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |

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 VANASSE HANGEN BRUSTLIN, INC.  
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 MIDDLETOWN, CT 06457

2/21/2005  
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Purchase Order No.: 40990.00

Project Location: FERRY/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: MW-2  
 Sample ID: 05B04582

LIMS-BAT #: LIMS-85920  
 Job Number: 40990.00

Sampled: 2/7/2005  
 60 GREEN ST

Sample Matrix: GRND WATER

|                           | Units | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|---------------------------|-------|---------|---------------|---------|------|------------|----|------|
|                           |       |         |               |         |      | Lo         | Hi |      |
| n-Propylbenzene           | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Styrene                   | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,1,1,2-Tetrachloroethane | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| 1,1,1,2-Tetrachloroethane | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Tetrachloroethylene       | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| Tetrahydrofuran           | ug/l  | ND      | 02/12/05      | LBD     | 5.0  |            |    |      |
| Toluene                   | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2,3-Trichlorobenzene    | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2,4-Trichlorobenzene    | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,1,1-Trichloroethane     | ug/l  | ND      | 02/12/05      | LBD     | 0.9  |            |    |      |
| 1,1,2-Trichloroethane     | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| Trichloroethylene         | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |
| Trichlorofluoromethane    | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2,3-Trichloropropane    | ug/l  | ND      | 02/12/05      | LBD     | 1.3  |            |    |      |
| 1,2,4-Trimethylbenzene    | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,3,5-Trimethylbenzene    | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |
| Vinyl Acetate             | ug/l  | ND      | 02/12/05      | LBD     | 16.4 |            |    |      |
| Vinyl Chloride            | ug/l  | ND      | 02/12/05      | LBD     | 0.3  |            |    |      |
| m + p Xylene              | ug/l  | ND      | 02/12/05      | LBD     | 1.3  |            |    |      |
| o-Xylene                  | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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2/21/2005  
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Purchase Order No.: 40990.00

Project Location: FERRY/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: MW-5

LIMS-BAT #: LIMS-85920  
 Job Number: 40990.00

Sample ID : 05B04583      Sampled : 2/7/2005  
 LOT 12B

Sample Matrix: GRND WATER

|                             | Units | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|-----------------------------|-------|---------|---------------|---------|------|------------|----|------|
|                             |       |         |               |         |      | Lo         | Hi |      |
| Acetone                     | ug/l  | ND      | 02/12/05      | LBD     | 10.0 |            |    |      |
| Acrolein                    | ug/l  | ND      | 02/12/05      | LBD     | 20.0 |            |    |      |
| Acrylonitrile               | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| tert-Amylmethyl Ether       | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Benzene                     | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| Bromobenzene                | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Bromochloromethane          | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| Bromodichloromethane        | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| Bromoform                   | ug/l  | ND      | 02/12/05      | LBD     | 1.2  |            |    |      |
| Bromomethane                | ug/l  | ND      | 02/12/05      | LBD     | 1.2  |            |    |      |
| 2-Butanone (MEK)            | ug/l  | ND      | 02/12/05      | LBD     | 10.0 |            |    |      |
| tert-Butyl Alcohol          | ug/l  | ND      | 02/12/05      | LBD     | 20.0 |            |    |      |
| n-Butylbenzene              | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| sec-Butylbenzene            | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| tert-Butylbenzene           | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| tert-Butylethyl Ether       | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Carbon Disulfide            | ug/l  | ND      | 02/12/05      | LBD     | 3.0  |            |    |      |
| Carbon Tetrachloride        | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Chlorobenzene               | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| Chlorodibromomethane        | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Chloroethane                | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| 2-Chloroethylvinylether     | ug/l  | ND      | 02/12/05      | LBD     | 9.6  |            |    |      |
| Chloroform                  | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Chloromethane               | ug/l  | ND      | 02/12/05      | LBD     | 1.2  |            |    |      |
| 2-Chlorotoluene             | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 4-Chlorotoluene             | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 1,2-Dibromo-3-Chloropropane | ug/l  | ND      | 02/12/05      | LBD     | 1.6  |            |    |      |
| 1,2-Dibromoethane           | ug/l  | ND      | 02/12/05      | LBD     | 0.70 |            |    |      |
| Dibromomethane              | ug/l  | ND      | 02/12/05      | LBD     | 1.1  |            |    |      |
| 1,2-Dichlorobenzene         | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |

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 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

2/21/2005  
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Purchase Order No.: 40990.00

Project Location: FERRY/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: MW-5

LIMS-BAT #: LIMS-85920  
 Job Number: 40990.00

Sample ID : 05B04583      Sampled : 2/7/2005  
 LOT 12B

Sample Matrix: GRND WATER

|                             | Units | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|-----------------------------|-------|---------|---------------|---------|------|------------|----|------|
|                             |       |         |               |         |      | Lo         | Hi |      |
| 1,3-Dichlorobenzene         | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 1,4-Dichlorobenzene         | ug/l  | 1.1     | 02/12/05      | LBD     | 0.8  |            |    |      |
| cis-1,4-Dichloro-2-Butene   | ug/l  | ND      | 02/12/05      | LBD     | 2.4  |            |    |      |
| trans-1,4-Dichloro-2-Butene | ug/l  | ND      | 02/12/05      | LBD     | 2.1  |            |    |      |
| Dichlorodifluoromethane     | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |
| 1,1-Dichloroethane          | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2-Dichloroethane          | ug/l  | ND      | 02/12/05      | LBD     | 0.9  |            |    |      |
| 1,1-Dichloroethylene        | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| cis-1,2-Dichloroethylene    | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| trans-1,2-Dichloroethylene  | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| 1,2-Dichloropropane         | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 1,3-Dichloropropane         | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| 2,2-Dichloropropane         | ug/l  | ND      | 02/12/05      | LBD     | 0.9  |            |    |      |
| 1,1-Dichloropropene         | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| cis-1,3-Dichloropropene     | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| trans-1,3-Dichloropropene   | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| Diethyl Ether               | ug/l  | ND      | 02/12/05      | LBD     | 2.0  |            |    |      |
| Diisopropyl Ether           | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| 1,4-Dioxane                 | ug/l  | ND      | 02/12/05      | LBD     | 50.0 |            |    |      |
| Ethyl Benzene               | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| Ethyl Methacrylate          | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Hexachlorobutadiene         | ug/l  | ND      | 02/12/05      | LBD     | 1.3  |            |    |      |
| 2-Hexanone                  | ug/l  | ND      | 02/12/05      | LBD     | 9.7  |            |    |      |
| Iodomethane                 | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Isopropylbenzene            | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| p-Isopropyltoluene          | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| MTBE                        | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Methylene Chloride          | ug/l  | ND      | 02/12/05      | LBD     | 3.0  |            |    |      |
| MIBK                        | ug/l  | ND      | 02/12/05      | LBD     | 8.8  |            |    |      |
| Naphthalene                 | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |

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 MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

2/21/2005  
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Project Location: FERRY/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: MW-5

LIMS-BAT #: LIMS-85920  
 Job Number: 40990.00

Sample ID : 05B04583  
 Sampled : 2/7/2005  
 LOT 12B

Sample Matrix: GRND WATER

|                           | Units | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|---------------------------|-------|---------|---------------|---------|------|------------|----|------|
|                           |       |         |               |         |      | Lo         | Hi |      |
| n-Propylbenzene           | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Styrene                   | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,1,1,2-Tetrachloroethane | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| 1,1,2,2-Tetrachloroethane | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Tetrachloroethylene       | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| Tetrahydrofuran           | ug/l  | ND      | 02/12/05      | LBD     | 5.0  |            |    |      |
| Toluene                   | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2,3-Trichlorobenzene    | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2,4-Trichlorobenzene    | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,1,1-Trichloroethane     | ug/l  | ND      | 02/12/05      | LBD     | 0.9  |            |    |      |
| 1,1,2-Trichloroethane     | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| Trichloroethylene         | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |
| Trichlorofluoromethane    | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2,3-Trichloropropane    | ug/l  | ND      | 02/12/05      | LBD     | 1.3  |            |    |      |
| 1,2,4-Trimethylbenzene    | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,3,5-Trimethylbenzene    | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |
| Vinyl Acetate             | ug/l  | ND      | 02/12/05      | LBD     | 16.4 |            |    |      |
| Vinyl Chloride            | ug/l  | ND      | 02/12/05      | LBD     | 0.3  |            |    |      |
| m + p Xylene              | ug/l  | ND      | 02/12/05      | LBD     | 1.3  |            |    |      |
| o-Xylene                  | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

\* = See end of report for comments and notes applying to this sample



39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

AMY CZERWONKA  
 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

2/21/2005  
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Purchase Order No.: 40990.00

Project Location: FERRY/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: MW-6

LIMS-BAT #: LIMS-85920  
 Job Number: 40990.00

Sample ID : 05B04584      Sampled : 2/7/2005  
 12-19 GREEN ST

Sample Matrix: GRND WATER

|                             | Units | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|-----------------------------|-------|---------|---------------|---------|------|------------|----|------|
|                             |       |         |               |         |      | Lo         | Hi |      |
| Acetone                     | ug/l  | ND      | 02/12/05      | LBD     | 10.0 |            |    |      |
| Acrolein                    | ug/l  | ND      | 02/12/05      | LBD     | 20.0 |            |    |      |
| Acrylonitrile               | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| tert-Amylmethyl Ether       | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Benzene                     | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| Bromobenzene                | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Bromochloromethane          | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| Bromodichloromethane        | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| Bromoform                   | ug/l  | ND      | 02/12/05      | LBD     | 1.2  |            |    |      |
| Bromomethane                | ug/l  | ND      | 02/12/05      | LBD     | 1.2  |            |    |      |
| 2-Butanone (MEK)            | ug/l  | ND      | 02/12/05      | LBD     | 10.0 |            |    |      |
| tert-Butyl Alcohol          | ug/l  | ND      | 02/12/05      | LBD     | 20.0 |            |    |      |
| n-Butylbenzene              | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| sec-Butylbenzene            | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| tert-Butylbenzene           | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| tert-Butylethyl Ether       | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Carbon Disulfide            | ug/l  | ND      | 02/12/05      | LBD     | 3.0  |            |    |      |
| Carbon Tetrachloride        | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Chlorobenzene               | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| Chlorodibromomethane        | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Chloroethane                | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| 2-Chloroethylvinylether     | ug/l  | ND      | 02/12/05      | LBD     | 9.6  |            |    |      |
| Chloroform                  | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Chloromethane               | ug/l  | ND      | 02/12/05      | LBD     | 1.2  |            |    |      |
| 2-Chlorotoluene             | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 4-Chlorotoluene             | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 1,2-Dibromo-3-Chloropropane | ug/l  | ND      | 02/12/05      | LBD     | 1.6  |            |    |      |
| 1,2-Dibromoethane           | ug/l  | ND      | 02/12/05      | LBD     | 0.70 |            |    |      |
| Dibromomethane              | ug/l  | ND      | 02/12/05      | LBD     | 1.1  |            |    |      |
| 1,2-Dichlorobenzene         | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |

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 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

2/21/2005  
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Project Location: FERRY/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: MW-6

LIMS-BAT #: LIMS-85920  
 Job Number: 40990.00

Sample ID: 05B04584  
 Sampled: 2/7/2005  
 12-19 GREEN ST

Sample Matrix: GRND WATER

|                             | Units | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|-----------------------------|-------|---------|---------------|---------|------|------------|----|------|
|                             |       |         |               |         |      | Lo         | Hi |      |
| 1,3-Dichlorobenzene         | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 1,4-Dichlorobenzene         | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| cis-1,4-Dichloro-2-Butene   | ug/l  | ND      | 02/12/05      | LBD     | 2.4  |            |    |      |
| trans-1,4-Dichloro-2-Butene | ug/l  | ND      | 02/12/05      | LBD     | 2.1  |            |    |      |
| Dichlorodifluoromethane     | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |
| 1,1-Dichloroethane          | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2-Dichloroethane          | ug/l  | ND      | 02/12/05      | LBD     | 0.9  |            |    |      |
| 1,1-Dichloroethylene        | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| cis-1,2-Dichloroethylene    | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| trans-1,2-Dichloroethylene  | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| 1,2-Dichloropropane         | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 1,3-Dichloropropane         | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| 2,2-Dichloropropane         | ug/l  | ND      | 02/12/05      | LBD     | 0.9  |            |    |      |
| 1,1-Dichloropropene         | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| cis-1,3-Dichloropropene     | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| trans-1,3-Dichloropropene   | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| Diethyl Ether               | ug/l  | ND      | 02/12/05      | LBD     | 2.0  |            |    |      |
| Diisopropyl Ether           | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| 1,4-Dioxane                 | ug/l  | ND      | 02/12/05      | LBD     | 50.0 |            |    |      |
| Ethyl Benzene               | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| Ethyl Methacrylate          | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Hexachlorobutadiene         | ug/l  | ND      | 02/12/05      | LBD     | 1.3  |            |    |      |
| 2-Hexanone                  | ug/l  | ND      | 02/12/05      | LBD     | 9.7  |            |    |      |
| Iodomethane                 | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Isopropylbenzene            | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| p-Isopropyltoluene          | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| MTBE                        | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Methylene Chloride          | ug/l  | ND      | 02/12/05      | LBD     | 3.0  |            |    |      |
| MIBK                        | ug/l  | ND      | 02/12/05      | LBD     | 8.8  |            |    |      |
| Naphthalene                 | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |

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 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

2/21/2005  
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Purchase Order No.: 40990.00

Project Location: FERRY/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: MW-7

LIMS-BAT #: LIMS-85920  
 Job Number: 40990.00

Sample ID : 05B04585      Sampled : 2/7/2005  
 26-28 FERRY ST

Sample Matrix: GRND WATER

|                             | Units | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|-----------------------------|-------|---------|---------------|---------|------|------------|----|------|
|                             |       |         |               |         |      | Lo         | Hi |      |
| Acetone                     | ug/l  | ND      | 02/12/05      | LBD     | 10.0 |            |    |      |
| Acrolein                    | ug/l  | ND      | 02/12/05      | LBD     | 20.0 |            |    |      |
| Acrylonitrile               | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| tert-Amylmethyl Ether       | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Benzene                     | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| Bromobenzene                | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Bromochloromethane          | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| Bromodichloromethane        | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| Bromoform                   | ug/l  | ND      | 02/12/05      | LBD     | 1.2  |            |    |      |
| Bromomethane                | ug/l  | ND      | 02/12/05      | LBD     | 1.2  |            |    |      |
| 2-Butanone (MEK)            | ug/l  | ND      | 02/12/05      | LBD     | 10.0 |            |    |      |
| tert-Butyl Alcohol          | ug/l  | ND      | 02/12/05      | LBD     | 20.0 |            |    |      |
| n-Butylbenzene              | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| sec-Butylbenzene            | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| tert-Butylbenzene           | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| tert-Butylethyl Ether       | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Carbon Disulfide            | ug/l  | ND      | 02/12/05      | LBD     | 3.0  |            |    |      |
| Carbon Tetrachloride        | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Chlorobenzene               | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| Chlorodibromomethane        | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Chloroethane                | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| 2-Chloroethylvinylether     | ug/l  | ND      | 02/12/05      | LBD     | 9.6  |            |    |      |
| Chloroform                  | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Chloromethane               | ug/l  | ND      | 02/12/05      | LBD     | 1.2  |            |    |      |
| 2-Chlorotoluene             | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 4-Chlorotoluene             | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 1,2-Dibromo-3-Chloropropane | ug/l  | ND      | 02/12/05      | LBD     | 1.6  |            |    |      |
| 1,2-Dibromoethane           | ug/l  | ND      | 02/12/05      | LBD     | 0.70 |            |    |      |
| Dibromomethane              | ug/l  | ND      | 02/12/05      | LBD     | 1.1  |            |    |      |
| 1,2-Dichlorobenzene         | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |

RL = Reporting Limit  
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AMY CZERWONKA  
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 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

2/21/2005  
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Purchase Order No.: 40990.00

Project Location: FERRY/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: MW-7

LIMS-BAT #: LIMS-85920  
 Job Number: 40990.00

Sample ID : 05B04585      Sampled : 2/7/2005  
 26-28 FERRY ST

Sample Matrix: GRND WATER

|                             | Units | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|-----------------------------|-------|---------|---------------|---------|------|------------|----|------|
|                             |       |         |               |         |      | Lo         | Hi |      |
| 1,3-Dichlorobenzene         | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 1,4-Dichlorobenzene         | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| cis-1,4-Dichloro-2-Butene   | ug/l  | ND      | 02/12/05      | LBD     | 2.4  |            |    |      |
| trans-1,4-Dichloro-2-Butene | ug/l  | ND      | 02/12/05      | LBD     | 2.1  |            |    |      |
| Dichlorodifluoromethane     | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |
| 1,1-Dichloroethane          | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2-Dichloroethane          | ug/l  | ND      | 02/12/05      | LBD     | 0.9  |            |    |      |
| 1,1-Dichloroethylene        | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| cis-1,2-Dichloroethylene    | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| trans-1,2-Dichloroethylene  | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| 1,2-Dichloropropane         | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 1,3-Dichloropropane         | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| 2,2-Dichloropropane         | ug/l  | ND      | 02/12/05      | LBD     | 0.9  |            |    |      |
| 1,1-Dichloropropene         | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| cis-1,3-Dichloropropene     | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| trans-1,3-Dichloropropene   | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| Diethyl Ether               | ug/l  | ND      | 02/12/05      | LBD     | 2.0  |            |    |      |
| Diisopropyl Ether           | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| 1,4-Dioxane                 | ug/l  | ND      | 02/12/05      | LBD     | 50.0 |            |    |      |
| Ethyl Benzene               | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| Ethyl Methacrylate          | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Hexachlorobutadiene         | ug/l  | ND      | 02/12/05      | LBD     | 1.3  |            |    |      |
| 2-Hexanone                  | ug/l  | ND      | 02/12/05      | LBD     | 9.7  |            |    |      |
| Iodomethane                 | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Isopropylbenzene            | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| p-Isopropyltoluene          | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| MTBE                        | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Methylene Chloride          | ug/l  | ND      | 02/12/05      | LBD     | 3.0  |            |    |      |
| MIBK                        | ug/l  | ND      | 02/12/05      | LBD     | 8.8  |            |    |      |
| Naphthalene                 | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |

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AMY CZERWONKA  
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 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

2/21/2005  
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Purchase Order No.: 40990.00

Project Location: FERRY/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: MW-7

LIMS-BAT #: LIMS-85920  
 Job Number: 40990.00

Sample ID : 05B04585      Sampled : 2/7/2005  
 26-28 FERRY ST

Sample Matrix: GRND WATER

|                           | Units | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|---------------------------|-------|---------|---------------|---------|------|------------|----|------|
|                           |       |         |               |         |      | Lo         | Hi |      |
| n-Propylbenzene           | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Styrene                   | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,1,1,2-Tetrachloroethane | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| 1,1,2,2-Tetrachloroethane | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Tetrachloroethylene       | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| Tetrahydrofuran           | ug/l  | ND      | 02/12/05      | LBD     | 5.0  |            |    |      |
| Toluene                   | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2,3-Trichlorobenzene    | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2,4-Trichlorobenzene    | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,1,1-Trichloroethane     | ug/l  | ND      | 02/12/05      | LBD     | 0.9  |            |    |      |
| 1,1,2-Trichloroethane     | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| Trichloroethylene         | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |
| Trichlorofluoromethane    | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2,3-Trichloropropane    | ug/l  | ND      | 02/12/05      | LBD     | 1.3  |            |    |      |
| 1,2,4-Trimethylbenzene    | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,3,5-Trimethylbenzene    | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |
| Vinyl Acetate             | ug/l  | ND      | 02/12/05      | LBD     | 16.4 |            |    |      |
| Vinyl Chloride            | ug/l  | ND      | 02/12/05      | LBD     | 0.3  |            |    |      |
| m + p Xylene              | ug/l  | ND      | 02/12/05      | LBD     | 1.3  |            |    |      |
| o-Xylene                  | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |

Analytical Method:  
 SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

AMY CZERWONKA  
 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

2/21/2005  
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Purchase Order No.: 40990.00

Project Location: FERRY/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: MW-8

LIMS-BAT #: LIMS-85920  
 Job Number: 40990.00

Sample ID: 05B04586      Sampled: 2/7/2005  
 54 FERRY ST

Sample Matrix: GRND WATER

|                             | Units | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|-----------------------------|-------|---------|---------------|---------|------|------------|----|------|
|                             |       |         |               |         |      | Lo         | Hi |      |
| Acetone                     | ug/l  | ND      | 02/12/05      | LBD     | 10.0 |            |    |      |
| Acrolein                    | ug/l  | ND      | 02/12/05      | LBD     | 20.0 |            |    |      |
| Acrylonitrile               | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| tert-Amylmethyl Ether       | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Benzene                     | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| Bromobenzene                | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Bromochloromethane          | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| Bromodichloromethane        | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| Bromoform                   | ug/l  | ND      | 02/12/05      | LBD     | 1.2  |            |    |      |
| Bromomethane                | ug/l  | ND      | 02/12/05      | LBD     | 1.2  |            |    |      |
| 2-Butanone (MEK)            | ug/l  | ND      | 02/12/05      | LBD     | 10.0 |            |    |      |
| tert-Butyl Alcohol          | ug/l  | ND      | 02/12/05      | LBD     | 20.0 |            |    |      |
| n-Butylbenzene              | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| sec-Butylbenzene            | ug/l  | 1.8     | 02/12/05      | LBD     | 0.6  |            |    |      |
| tert-Butylbenzene           | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| tert-Butylethyl Ether       | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Carbon Disulfide            | ug/l  | ND      | 02/12/05      | LBD     | 3.0  |            |    |      |
| Carbon Tetrachloride        | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Chlorobenzene               | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| Chlorodibromomethane        | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Chloroethane                | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| 2-Chloroethylvinylether     | ug/l  | ND      | 02/12/05      | LBD     | 9.6  |            |    |      |
| Chloroform                  | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Chloromethane               | ug/l  | ND      | 02/12/05      | LBD     | 1.2  |            |    |      |
| 2-Chlorotoluene             | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 4-Chlorotoluene             | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 1,2-Dibromo-3-Chloropropane | ug/l  | ND      | 02/12/05      | LBD     | 1.6  |            |    |      |
| 1,2-Dibromoethane           | ug/l  | ND      | 02/12/05      | LBD     | 0.70 |            |    |      |
| Dibromomethane              | ug/l  | ND      | 02/12/05      | LBD     | 1.1  |            |    |      |
| 1,2-Dichlorobenzene         | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |

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39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

AMY CZERWONKA  
 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

2/21/2005  
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Project Location: FERRY/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: MW-8

LIMS-BAT #: LIMS-85920  
 Job Number: 40990.00

Sample ID: 05B04586  
 Sampled: 2/7/2005  
 54 FERRY ST

Sample Matrix: GRND WATER

|                             | Units | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|-----------------------------|-------|---------|---------------|---------|------|------------|----|------|
|                             |       |         |               |         |      | Lo         | Hi |      |
| 1,3-Dichlorobenzene         | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 1,4-Dichlorobenzene         | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| cis-1,4-Dichloro-2-Butene   | ug/l  | ND      | 02/12/05      | LBD     | 2.4  |            |    |      |
| trans-1,4-Dichloro-2-Butene | ug/l  | ND      | 02/12/05      | LBD     | 2.1  |            |    |      |
| Dichlorodifluoromethane     | ug/l  | 18.4    | 02/12/05      | LBD     | 1.0  |            |    |      |
| 1,1-Dichloroethane          | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2-Dichloroethane          | ug/l  | ND      | 02/12/05      | LBD     | 0.9  |            |    |      |
| 1,1-Dichloroethylene        | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| cis-1,2-Dichloroethylene    | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| trans-1,2-Dichloroethylene  | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| 1,2-Dichloropropane         | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 1,3-Dichloropropane         | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| 2,2-Dichloropropane         | ug/l  | ND      | 02/12/05      | LBD     | 0.9  |            |    |      |
| 1,1-Dichloropropene         | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| cis-1,3-Dichloropropene     | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| trans-1,3-Dichloropropene   | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| Diethyl Ether               | ug/l  | ND      | 02/12/05      | LBD     | 2.0  |            |    |      |
| Diisopropyl Ether           | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| 1,4-Dioxane                 | ug/l  | ND      | 02/12/05      | LBD     | 50.0 |            |    |      |
| Ethyl Benzene               | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| Ethyl Methacrylate          | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Hexachlorobutadiene         | ug/l  | ND      | 02/12/05      | LBD     | 1.3  |            |    |      |
| 2-Hexanone                  | ug/l  | ND      | 02/12/05      | LBD     | 9.7  |            |    |      |
| Iodomethane                 | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Isopropylbenzene            | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| p-Isopropyltoluene          | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| MTBE                        | ug/l  | 7.0     | 02/12/05      | LBD     | 0.8  |            |    |      |
| Methylene Chloride          | ug/l  | ND      | 02/12/05      | LBD     | 3.0  |            |    |      |
| MIBK                        | ug/l  | ND      | 02/12/05      | LBD     | 8.8  |            |    |      |
| Naphthalene                 | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |

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AMY CZERWONKA  
 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

2/21/2005  
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Project Location: FERRY/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: MW-8

LIMS-BAT #: LIMS-85920  
 Job Number: 40990.00

Sample ID: 05B04586      Sampled: 2/7/2005  
 54 FERRY ST

Sample Matrix: GRND WATER

|                             | Units | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|-----------------------------|-------|---------|---------------|---------|------|------------|----|------|
|                             |       |         |               |         |      | Lo         | Hi |      |
| n-Propylbenzene             | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Styrene                     | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,1,1,2-Tetrachloroethane   | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| 1,1,1,2,2-Tetrachloroethane | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Tetrachloroethylene         | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| Tetrahydrofuran             | ug/l  | ND      | 02/12/05      | LBD     | 5.0  |            |    |      |
| Toluene                     | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2,3-Trichlorobenzene      | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2,4-Trichlorobenzene      | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,1,1-Trichloroethane       | ug/l  | ND      | 02/12/05      | LBD     | 0.9  |            |    |      |
| 1,1,2-Trichloroethane       | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| Trichloroethylene           | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |
| Trichlorofluoromethane      | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2,3-Trichloropropane      | ug/l  | ND      | 02/12/05      | LBD     | 1.3  |            |    |      |
| 1,2,4-Trimethylbenzene      | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,3,5-Trimethylbenzene      | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |
| Vinyl Acetate               | ug/l  | ND      | 02/12/05      | LBD     | 16.4 |            |    |      |
| Vinyl Chloride              | ug/l  | ND      | 02/12/05      | LBD     | 0.3  |            |    |      |
| m + p Xylene                | ug/l  | ND      | 02/12/05      | LBD     | 1.3  |            |    |      |
| o-Xylene                    | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

2/21/2005  
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Purchase Order No.: 40990.00

Project Location: FERRY/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: TRIP BLANK  
 Sample ID: \*05B04931

LIMS-BAT #: LIMS-85920  
 Job Number: 40990.00

Sampled: 2/7/2005  
 HCL TRIP BLANK

Sample Matrix: WATER OTHER

|                             | Units | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/F |
|-----------------------------|-------|---------|---------------|---------|------|------------|----|-----|
|                             |       |         |               |         |      | Lo         | Hi |     |
| Acetone                     | ug/l  | ND      | 02/12/05      | LBD     | 10.0 |            |    |     |
| Acrolein                    | ug/l  | ND      | 02/12/05      | LBD     | 20.0 |            |    |     |
| Acrylonitrile               | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |     |
| tert-Amylmethyl Ether       | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |     |
| Benzene                     | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |     |
| Bromobenzene                | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |     |
| Bromochloromethane          | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |     |
| Bromodichloromethane        | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |     |
| Bromoform                   | ug/l  | ND      | 02/12/05      | LBD     | 1.2  |            |    |     |
| Bromomethane                | ug/l  | ND      | 02/12/05      | LBD     | 1.2  |            |    |     |
| 2-Butanone (MEK)            | ug/l  | ND      | 02/12/05      | LBD     | 10.0 |            |    |     |
| tert-Butyl Alcohol          | ug/l  | ND      | 02/12/05      | LBD     | 20.0 |            |    |     |
| n-Butylbenzene              | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |     |
| sec-Butylbenzene            | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |     |
| tert-Butylbenzene           | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |     |
| tert-Butylethyl Ether       | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |     |
| Carbon Disulfide            | ug/l  | ND      | 02/12/05      | LBD     | 3.0  |            |    |     |
| Carbon Tetrachloride        | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |     |
| Chlorobenzene               | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |     |
| Chlorodibromomethane        | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |     |
| Chloroethane                | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |     |
| 2-Chloroethylvinylether     | ug/l  | ND      | 02/12/05      | LBD     | 9.6  |            |    |     |
| Chloroform                  | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |     |
| Chloromethane               | ug/l  | ND      | 02/12/05      | LBD     | 1.2  |            |    |     |
| 2-Chlorotoluene             | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |     |
| 4-Chlorotoluene             | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |     |
| 1,2-Dibromo-3-Chloropropane | ug/l  | ND      | 02/12/05      | LBD     | 1.6  |            |    |     |
| 1,2-Dibromoethane           | ug/l  | ND      | 02/12/05      | LBD     | 0.70 |            |    |     |
| Dibromomethane              | ug/l  | ND      | 02/12/05      | LBD     | 1.1  |            |    |     |
| 1,2-Dichlorobenzene         | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |     |

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AMY CZERWONKA  
 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

2/21/2005  
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Project Location: FERRY/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: TRIP BLANK

LIMS-BAT #: LIMS-85920  
 Job Number: 40990.00

Sample ID: \*05B04931      Sampled: 2/7/2005  
 HCL TRIP BLANK

Sample Matrix: WATER OTHER

|                             | Units | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|-----------------------------|-------|---------|---------------|---------|------|------------|----|------|
|                             |       |         |               |         |      | Lo         | Hi |      |
| 1,3-Dichlorobenzene         | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 1,4-Dichlorobenzene         | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| cis-1,4-Dichloro-2-Butene   | ug/l  | ND      | 02/12/05      | LBD     | 2.4  |            |    |      |
| trans-1,4-Dichloro-2-Butene | ug/l  | ND      | 02/12/05      | LBD     | 2.1  |            |    |      |
| Dichlorodifluoromethane     | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |
| 1,1-Dichloroethane          | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2-Dichloroethane          | ug/l  | ND      | 02/12/05      | LBD     | 0.9  |            |    |      |
| 1,1-Dichloroethylene        | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| cis-1,2-Dichloroethylene    | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| trans-1,2-Dichloroethylene  | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| 1,2-Dichloropropane         | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| 1,3-Dichloropropane         | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| 2,2-Dichloropropane         | ug/l  | ND      | 02/12/05      | LBD     | 0.9  |            |    |      |
| 1,1-Dichloropropene         | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| cis-1,3-Dichloropropene     | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| trans-1,3-Dichloropropene   | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| Diethyl Ether               | ug/l  | ND      | 02/12/05      | LBD     | 2.0  |            |    |      |
| Dilsopropyl Ether           | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| 1,4-Dioxane                 | ug/l  | ND      | 02/12/05      | LBD     | 50.0 |            |    |      |
| Ethyl Benzene               | ug/l  | ND      | 02/12/05      | LBD     | 0.6  |            |    |      |
| Ethyl Methacrylate          | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Hexachlorobutadiene         | ug/l  | ND      | 02/12/05      | LBD     | 1.3  |            |    |      |
| 2-Hexanone                  | ug/l  | ND      | 02/12/05      | LBD     | 9.7  |            |    |      |
| Iodomethane                 | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Isopropylbenzene            | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| p-Isopropyltoluene          | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| MTBE                        | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Methylene Chloride          | ug/l  | 4.7     | 02/12/05      | LBD     | 3.0  |            |    |      |
| MIBK                        | ug/l  | ND      | 02/12/05      | LBD     | 8.8  |            |    |      |
| Naphthalene                 | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |

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\* = See end of report for comments and notes applying to this sample



39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

AMY CZERWONKA  
 VANASSE HANGEN BRUSTLIN, INC.  
 54 TUTTLE PLACE  
 MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

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Project Location: FERRY/GREEN ST  
 Date Received: 2/8/2005  
 Field Sample #: TRIP BLANK

LIMS-BAT #: LIMS-85920  
 Job Number: 40990.00

Sample ID: \*05B04931      Sampled: 2/7/2005  
 HCL TRIP BLANK

Sample Matrix: WATER OTHER

|                             | Units | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|-----------------------------|-------|---------|---------------|---------|------|------------|----|------|
|                             |       |         |               |         |      | Lo         | Hi |      |
| n-Propylbenzene             | ug/l  | ND      | 02/12/05      | LBD     | 0.8  |            |    |      |
| Styrene                     | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,1,1,2-Tetrachloroethane   | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| 1,1,1,2,2-Tetrachloroethane | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |
| Tetrachloroethylene         | ug/l  | ND      | 02/12/05      | LBD     | 0.4  |            |    |      |
| Tetrahydrofuran             | ug/l  | ND      | 02/12/05      | LBD     | 5.0  |            |    |      |
| Toluene                     | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2,3-Trichlorobenzene      | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2,4-Trichlorobenzene      | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,1,1-Trichloroethane       | ug/l  | ND      | 02/12/05      | LBD     | 0.9  |            |    |      |
| 1,1,2-Trichloroethane       | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| Trichloroethylene           | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |
| Trichlorofluoromethane      | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,2,3-Trichloropropane      | ug/l  | ND      | 02/12/05      | LBD     | 1.3  |            |    |      |
| 1,2,4-Trimethylbenzene      | ug/l  | ND      | 02/12/05      | LBD     | 0.7  |            |    |      |
| 1,3,5-Trimethylbenzene      | ug/l  | ND      | 02/12/05      | LBD     | 1.0  |            |    |      |
| Vinyl Acetate               | ug/l  | ND      | 02/12/05      | LBD     | 16.4 |            |    |      |
| Vinyl Chloride              | ug/l  | ND      | 02/12/05      | LBD     | 0.3  |            |    |      |
| m + p Xylene                | ug/l  | ND      | 02/12/05      | LBD     | 1.3  |            |    |      |
| o-Xylene                    | ug/l  | ND      | 02/12/05      | LBD     | 0.5  |            |    |      |

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.: 40990.00

Project Location: FERRY/GREEN ST  
Date Received: 2/8/2005  
Field Sample # : MW-8  
Sample ID : 05B04586  
Sample Matrix: GRND WATER

LIMS-BAT #: LIMS-85920  
Job Number: 40990.00

Sampled : 2/7/2005  
54 FERRY ST

|                        | Units | Results | Date Analyzed | Analyst | RL    | SPEC Limit<br>Lo Hi | P/ F |
|------------------------|-------|---------|---------------|---------|-------|---------------------|------|
| Extractable TPH (ETPH) | mg/l  | 0.387   | 02/16/05      | MDT     | 0.075 |                     |      |

Analytical Method:

Extractable TPH (CT ETPH)

SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE AND ANALYZED BY GAS CHROMATOGRAPHY WITH FLAME IONIZATION DETECTION (GC/FID).

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Purchase Order No.: 40990.00

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Project Location: FERRY/GREEN ST  
Date Received: 2/8/2005  
Field Sample #: MW-8

LIMS-BAT #: LIMS-85920  
Job Number: 40990.00

Sample ID : 05B04586      Sampled : 2/7/2005  
54 FERRY ST

Sample Matrix: GRND WATER

|          | Units | Results | Date Analyzed | Analyst | RL      | SPEC Limit |    | P/ F |
|----------|-------|---------|---------------|---------|---------|------------|----|------|
|          |       |         |               |         |         | Lo         | Hi |      |
| Arsenic  | mg/l  | 0.0782  | 02/21/05      | WHW     | 0.0050  |            |    |      |
| Barium   | mg/l  | 1.23    | 02/18/05      | KRL     | 0.0010  |            |    |      |
| Cadmium  | mg/l  | 0.0026  | 02/18/05      | KRL     | 0.0005  |            |    |      |
| Chromium | mg/l  | 0.196   | 02/18/05      | KRL     | 0.004   |            |    |      |
| Lead     | mg/l  | 0.187   | 02/18/05      | KRL     | 0.002   |            |    |      |
| Mercury  | mg/l  | ND      | 02/16/05      | JTB     | 0.00004 |            |    |      |
| Selenium | mg/l  | ND      | 02/18/05      | KRL     | 0.05    |            |    |      |
| Silver   | mg/l  | ND      | 02/18/05      | KRL     | 0.005   |            |    |      |

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Purchase Order No.: 40990.00

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Project Location: FERRY/GREEN ST  
Date Received: 2/8/2005

LIMS-BAT #: LIMS-85920  
Job Number: 40990.00

Analytical Method: Arsenic  
SM 3113 B AS

SAMPLES ARE DIGESTED WITH NITRIC ACID AND ANALYZED BY GRAPHITE FURNACE  
ATOMIC ABSORPTION SPECTROPHOTOMETRY.

Analytical Method: Barium

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY  
(ICP).

Analytical Method: Cadmium

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY  
(ICP).

Analytical Method: Chromium

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY  
(ICP).

Analytical Method: Lead

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY  
(ICP).

Analytical Method: Mercury

EPA 245.1/SW846 7470

COLD VAPOR TECHNIQUE (FLAMELESS ABSORPTION AT 254 NM)

Analytical Method: Selenium

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY  
(ICP).

Analytical Method: Silver

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY  
(ICP).

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Purchase Order No.: 40990.00

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Project Location: FERRY/GREEN ST  
Date Received: 2/8/2005

LIMS-BAT #: LIMS-85920  
Job Number: 40990.00

The following notes were attached to the reported analysis :

Sample ID: \* 05B04931  
Analysis: Methylene Chloride

METHYLENE CHLORIDE IS A COMMON LABORATORY CONTAMINANT.

\*\* END OF REPORT \*\*

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**QC SUMMARY REPORT**

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 2/21/2005

Lims Bat #: LIMS-85920

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QC Batch Number: GC/FID-12606

| Sample Id     | Analysis               | QC Analysis          | Values  | Units | Limits |
|---------------|------------------------|----------------------|---------|-------|--------|
| BLANK-70201   | Extractable TPH (ETPH) | Blank                | <0.075  | mg/l  |        |
| LFBLANK-39322 | Extractable TPH (ETPH) | Lab Fort Blank Amt.  | 1.000   | mg/l  |        |
|               |                        | Lab Fort Blk. Found  | 0.905   | mg/l  |        |
|               |                        | Lab Fort Blk. % Rec. | 90.500  | %     |        |
|               |                        | Dup Lab Fort BI Amt. | 1.000   | mg/l  |        |
|               |                        | Dup Lab Fort BI. Fnd | 1.250   | mg/l  |        |
|               |                        | Dup Lab Fort BI %Rec | 125.000 | %     |        |
|               |                        | Lab Fort Blank Range | 34.500  | units |        |
|               |                        | Lab Fort BI. Av. Rec | 107.750 | %     |        |
|               |                        | LFB Duplicate RPD    | 32.019  | %     |        |



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QC SUMMARY REPORT

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Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 2/21/2005

Lims Bat #: LIMS-85920

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QC Batch Number: GCMS/VOL-11450

| Sample Id           | Analysis               | QC Analysis        | Values | Units | Limits |
|---------------------|------------------------|--------------------|--------|-------|--------|
| 05B04582            | 1,2-Dichloroethane-d4  | Surrogate Recovery | 120.8  | %     | 70-130 |
|                     | Toluene-d8             | Surrogate Recovery | 102.2  | %     | 70-130 |
|                     | Bromofluorobenzene     | Surrogate Recovery | 97.0   | %     | 70-130 |
| 05B04583            | 1,2-Dichloroethane-d4  | Surrogate Recovery | 123.8  | %     | 70-130 |
|                     | Toluene-d8             | Surrogate Recovery | 101.9  | %     | 70-130 |
|                     | Bromofluorobenzene     | Surrogate Recovery | 95.9   | %     | 70-130 |
| 05B04584            | 1,2-Dichloroethane-d4  | Surrogate Recovery | 123.4  | %     | 70-130 |
|                     | Toluene-d8             | Surrogate Recovery | 100.7  | %     | 70-130 |
|                     | Bromofluorobenzene     | Surrogate Recovery | 93.6   | %     | 70-130 |
| 05B04585            | 1,2-Dichloroethane-d4  | Surrogate Recovery | 121.4  | %     | 70-130 |
|                     | Toluene-d8             | Surrogate Recovery | 101.0  | %     | 70-130 |
|                     | Bromofluorobenzene     | Surrogate Recovery | 116.0  | %     | 70-130 |
| 05B04586            | 1,2-Dichloroethane-d4  | Surrogate Recovery | 124.0  | %     | 70-130 |
|                     | Toluene-d8             | Surrogate Recovery | 100.4  | %     | 70-130 |
|                     | Bromofluorobenzene     | Surrogate Recovery | 95.4   | %     | 70-130 |
| 05B04931            | 1,2-Dichloroethane-d4  | Surrogate Recovery | 117.8  | %     | 70-130 |
|                     | Toluene-d8             | Surrogate Recovery | 100.6  | %     | 70-130 |
|                     | Bromofluorobenzene     | Surrogate Recovery | 95.2   | %     | 70-130 |
| BLANK-70055         | Acetone                | Blank              | <10.0  | ug/l  |        |
|                     | Benzene                | Blank              | <0.6   | ug/l  |        |
|                     | Carbon Tetrachloride   | Blank              | <0.5   | ug/l  |        |
|                     | Chloroform             | Blank              | <0.8   | ug/l  |        |
|                     | 1,2-Dichloroethane     | Blank              | <0.9   | ug/l  |        |
|                     | 1,4-Dichlorobenzene    | Blank              | <0.8   | ug/l  |        |
|                     | Ethyl Benzene          | Blank              | <0.6   | ug/l  |        |
|                     | 2-Butanone (MEK)       | Blank              | <10.0  | ug/l  |        |
|                     | MIBK                   | Blank              | <8.8   | ug/l  |        |
|                     | Naphthalene            | Blank              | <1.0   | ug/l  |        |
|                     | Styrene                | Blank              | <0.7   | ug/l  |        |
|                     | Tetrachloroethylene    | Blank              | <0.4   | ug/l  |        |
|                     | Toluene                | Blank              | <0.7   | ug/l  |        |
|                     | 1,1,1-Trichloroethane  | Blank              | <0.9   | ug/l  |        |
|                     | Trichloroethylene      | Blank              | <1.0   | ug/l  |        |
|                     | Trichlorofluoromethane | Blank              | <0.7   | ug/l  |        |
| o-Xylene            | Blank                  | <0.5               | ug/l   |       |        |
| m + p Xylene        | Blank                  | <1.3               | ug/l   |       |        |
| 1,2-Dichlorobenzene | Blank                  | <0.8               | ug/l   |       |        |



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 2/21/2005

Lims Bat #: LIMS-85920

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QC Batch Number: GCMS/VOL-11450

| Sample Id   | Analysis                   | QC Analysis | Values | Units | Limits |
|-------------|----------------------------|-------------|--------|-------|--------|
| BLANK-70055 |                            |             |        |       |        |
|             | 1,3-Dichlorobenzene        | Blank       | <0.6   | ug/l  |        |
|             | 1,1-Dichloroethane         | Blank       | <0.7   | ug/l  |        |
|             | 1,1-Dichloroethylene       | Blank       | <0.6   | ug/l  |        |
|             | 1,4-Dioxane                | Blank       | <50.0  | ug/l  |        |
|             | MTBE                       | Blank       | <0.8   | ug/l  |        |
|             | trans-1,2-Dichloroethylene | Blank       | <0.8   | ug/l  |        |
|             | Vinyl Chloride             | Blank       | <0.3   | ug/l  |        |
|             | Methylene Chloride         | Blank       | <3.0   | ug/l  |        |
|             | Chlorobenzene              | Blank       | <0.6   | ug/l  |        |
|             | Chloromethane              | Blank       | <1.2   | ug/l  |        |
|             | Bromomethane               | Blank       | <1.2   | ug/l  |        |
|             | Chloroethane               | Blank       | <0.8   | ug/l  |        |
|             | cis-1,3-Dichloropropene    | Blank       | <0.5   | ug/l  |        |
|             | trans-1,3-Dichloropropene  | Blank       | <0.4   | ug/l  |        |
|             | Chlorodibromomethane       | Blank       | <0.5   | ug/l  |        |
|             | 1,1,2-Trichloroethane      | Blank       | <0.7   | ug/l  |        |
|             | 2-Chloroethylvinylether    | Blank       | <9.6   | ug/l  |        |
|             | Bromoform                  | Blank       | <1.2   | ug/l  |        |
|             | 1,1,2,2-Tetrachloroethane  | Blank       | <0.5   | ug/l  |        |
|             | 2-Chlorotoluene            | Blank       | <0.6   | ug/l  |        |
|             | Hexachlorobutadiene        | Blank       | <1.3   | ug/l  |        |
|             | Isopropylbenzene           | Blank       | <0.4   | ug/l  |        |
|             | p-Isopropyltoluene         | Blank       | <0.7   | ug/l  |        |
|             | n-Propylbenzene            | Blank       | <0.8   | ug/l  |        |
|             | sec-Butylbenzene           | Blank       | <0.6   | ug/l  |        |
|             | tert-Butylbenzene          | Blank       | <0.8   | ug/l  |        |
|             | 1,2,3-Trichlorobenzene     | Blank       | <0.7   | ug/l  |        |
|             | 1,2,4-Trichlorobenzene     | Blank       | <0.7   | ug/l  |        |
|             | 1,2,4-Trimethylbenzene     | Blank       | <0.7   | ug/l  |        |
|             | 1,3,5-Trimethylbenzene     | Blank       | <1.0   | ug/l  |        |
|             | Dibromomethane             | Blank       | <1.1   | ug/l  |        |
|             | cis-1,2-Dichloroethylene   | Blank       | <0.5   | ug/l  |        |
|             | 4-Chlorotoluene            | Blank       | <0.6   | ug/l  |        |
|             | 1,1-Dichloropropene        | Blank       | <0.5   | ug/l  |        |
|             | 1,2-Dichloropropane        | Blank       | <0.6   | ug/l  |        |
|             | 1,3-Dichloropropane        | Blank       | <0.5   | ug/l  |        |
|             | 2,2-Dichloropropane        | Blank       | <0.9   | ug/l  |        |
|             | 1,1,1,2-Tetrachloroethane  | Blank       | <0.5   | ug/l  |        |
|             | 1,2,3-Trichloropropane     | Blank       | <1.3   | ug/l  |        |
|             | n-Butylbenzene             | Blank       | <0.7   | ug/l  |        |
|             | Dichlorodifluoromethane    | Blank       | <1.0   | ug/l  |        |
|             | Bromochloromethane         | Blank       | <0.7   | ug/l  |        |
|             | Bromobenzene               | Blank       | <0.5   | ug/l  |        |

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 2/21/2005

Lims Bat #: LIMS-85920

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QC Batch Number: GCMS/VOL-11450

| Sample Id     | Analysis                    | QC Analysis          | Values | Units | Limits |
|---------------|-----------------------------|----------------------|--------|-------|--------|
| BLANK-70055   |                             |                      |        |       |        |
|               | Iodomethane                 | Blank                | <0.8   | ug/l  |        |
|               | Acrolein                    | Blank                | <20.0  | ug/l  |        |
|               | Acrylonitrile               | Blank                | <0.5   | ug/l  |        |
|               | Carbon Disulfide            | Blank                | <3.0   | ug/l  |        |
|               | Vinyl Acetate               | Blank                | <16.4  | ug/l  |        |
|               | 2-Hexanone                  | Blank                | <9.7   | ug/l  |        |
|               | trans-1,4-Dichloro-2-Butene | Blank                | <2.1   | ug/l  |        |
|               | Ethyl Methacrylate          | Blank                | <0.8   | ug/l  |        |
|               | cis-1,4-Dichloro-2-Butene   | Blank                | <2.4   | ug/l  |        |
|               | Diethyl Ether               | Blank                | <2.0   | ug/l  |        |
|               | Bromodichloromethane        | Blank                | <0.4   | ug/l  |        |
|               | 1,2-Dibromo-3-Chloropropane | Blank                | <1.6   | ug/l  |        |
|               | 1,2-Dibromoethane           | Blank                | <0.70  | ug/l  |        |
|               | Tetrahydrofuran             | Blank                | <5.0   | ug/l  |        |
|               | tert-Butyl Alcohol          | Blank                | <20.0  | ug/l  |        |
|               | Diisopropyl Ether           | Blank                | <0.5   | ug/l  |        |
|               | tert-Butylethyl Ether       | Blank                | <0.5   | ug/l  |        |
|               | tert-Amylmethyl Ether       | Blank                | <0.5   | ug/l  |        |
| LFBLANK-39210 |                             |                      |        |       |        |
|               | Acetone                     | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 22.0   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 110.2  | %     | 50-155 |
|               | Benzene                     | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 21.1   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 105.7  | %     | 70-130 |
|               | Carbon Tetrachloride        | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 21.2   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 105.8  | %     | 70-130 |
|               | Chloroform                  | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 24.4   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 122.0  | %     | 70-130 |
|               | 1,2-Dichloroethane          | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 23.0   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 115.0  | %     | 70-130 |
|               | 1,4-Dichlorobenzene         | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 21.4   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 106.8  | %     | 70-130 |
|               | Ethyl Benzene               | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 21.7   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 108.6  | %     | 70-130 |
|               | 2-Butanone (MEK)            | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 18.6   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 92.8   | %     | 50-155 |



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

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QC Batch Number: GCMS/VOL-11450

| Sample Id     | Analysis               | QC Analysis          | Values | Units | Limits |
|---------------|------------------------|----------------------|--------|-------|--------|
| LFBLANK-39210 |                        |                      |        |       |        |
|               | MIBK                   | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                        | Lab Fort Blk. Found  | 22.9   | ug/l  |        |
|               |                        | Lab Fort Blk. % Rec. | 114.7  | %     | 50-155 |
|               | Naphthalene            | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                        | Lab Fort Blk. Found  | 16.6   | ug/l  |        |
|               |                        | Lab Fort Blk. % Rec. | 82.8   | %     | 70-130 |
|               | Styrene                | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                        | Lab Fort Blk. Found  | 19.7   | ug/l  |        |
|               |                        | Lab Fort Blk. % Rec. | 98.6   | %     | 70-130 |
|               | Tetrachloroethylene    | Lab Fort Blank Amt.  | 40.0   | ug/l  |        |
|               |                        | Lab Fort Blk. Found  | 41.6   | ug/l  |        |
|               |                        | Lab Fort Blk. % Rec. | 103.9  | %     | 70-130 |
|               | Toluene                | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                        | Lab Fort Blk. Found  | 21.0   | ug/l  |        |
|               |                        | Lab Fort Blk. % Rec. | 105.1  | %     | 70-130 |
|               | 1,1,1-Trichloroethane  | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                        | Lab Fort Blk. Found  | 21.0   | ug/l  |        |
|               |                        | Lab Fort Blk. % Rec. | 104.8  | %     | 70-130 |
|               | Trichloroethylene      | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                        | Lab Fort Blk. Found  | 25.9   | ug/l  |        |
|               |                        | Lab Fort Blk. % Rec. | 129.7  | %     | 70-130 |
|               | Trichlorofluoromethane | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                        | Lab Fort Blk. Found  | 27.5   | ug/l  |        |
|               |                        | Lab Fort Blk. % Rec. | 137.4  | %     | 70-130 |
|               | o-Xylene               | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                        | Lab Fort Blk. Found  | 20.1   | ug/l  |        |
|               |                        | Lab Fort Blk. % Rec. | 100.6  | %     | 70-130 |
|               | m + p Xylene           | Lab Fort Blank Amt.  | 40.0   | ug/l  |        |
|               |                        | Lab Fort Blk. Found  | 44.0   | ug/l  |        |
|               |                        | Lab Fort Blk. % Rec. | 110.0  | %     | 70-130 |
|               | 1,2-Dichlorobenzene    | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                        | Lab Fort Blk. Found  | 22.0   | ug/l  |        |
|               |                        | Lab Fort Blk. % Rec. | 110.0  | %     | 70-130 |
|               | 1,3-Dichlorobenzene    | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                        | Lab Fort Blk. Found  | 21.8   | ug/l  |        |
|               |                        | Lab Fort Blk. % Rec. | 109.2  | %     | 70-130 |
|               | 1,1-Dichloroethane     | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                        | Lab Fort Blk. Found  | 20.4   | ug/l  |        |
|               |                        | Lab Fort Blk. % Rec. | 101.8  | %     | 70-130 |
|               | 1,1-Dichloroethylene   | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                        | Lab Fort Blk. Found  | 23.9   | ug/l  |        |
|               |                        | Lab Fort Blk. % Rec. | 119.7  | %     | 70-130 |
|               | 1,4-Dioxane            | Lab Fort Blank Amt.  | 100.0  | ug/l  |        |



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| Sample Id                  | Analysis    | QC Analysis          | Values | Units | Limits |
|----------------------------|-------------|----------------------|--------|-------|--------|
| LFBLANK-39210              | 1,4-Dioxane | Lab Fort Blk. Found  | 68.8   | ug/l  |        |
|                            |             | Lab Fort Blk. % Rec. | 68.8   | %     | 50-155 |
| MTBE                       |             | Lab Fort Blank Amt.  | 40.0   | ug/l  |        |
|                            |             | Lab Fort Blk. Found  | 50.4   | ug/l  |        |
|                            |             | Lab Fort Blk. % Rec. | 126.0  | %     | 70-130 |
| trans-1,2-Dichloroethylene |             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|                            |             | Lab Fort Blk. Found  | 21.1   | ug/l  |        |
|                            |             | Lab Fort Blk. % Rec. | 105.4  | %     | 70-130 |
| Vinyl Chloride             |             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|                            |             | Lab Fort Blk. Found  | 24.6   | ug/l  |        |
|                            |             | Lab Fort Blk. % Rec. | 122.9  | %     | 70-130 |
| Methylene Chloride         |             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|                            |             | Lab Fort Blk. Found  | 28.2   | ug/l  |        |
|                            |             | Lab Fort Blk. % Rec. | 141.2  | %     | 70-130 |
| Chlorobenzene              |             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|                            |             | Lab Fort Blk. Found  | 21.3   | ug/l  |        |
|                            |             | Lab Fort Blk. % Rec. | 106.7  | %     | 70-130 |
| Chloromethane              |             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|                            |             | Lab Fort Blk. Found  | 23.1   | ug/l  |        |
|                            |             | Lab Fort Blk. % Rec. | 115.7  | %     | 70-130 |
| Bromomethane               |             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|                            |             | Lab Fort Blk. Found  | 21.2   | ug/l  |        |
|                            |             | Lab Fort Blk. % Rec. | 106.2  | %     | 70-130 |
| Chloroethane               |             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|                            |             | Lab Fort Blk. Found  | 26.2   | ug/l  |        |
|                            |             | Lab Fort Blk. % Rec. | 131.1  | %     | 70-130 |
| cis-1,3-Dichloropropene    |             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|                            |             | Lab Fort Blk. Found  | 19.8   | ug/l  |        |
|                            |             | Lab Fort Blk. % Rec. | 98.8   | %     | 70-130 |
| trans-1,3-Dichloropropene  |             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|                            |             | Lab Fort Blk. Found  | 18.4   | ug/l  |        |
|                            |             | Lab Fort Blk. % Rec. | 91.8   | %     | 70-130 |
| Chlorodibromomethane       |             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|                            |             | Lab Fort Blk. Found  | 20.4   | ug/l  |        |
|                            |             | Lab Fort Blk. % Rec. | 102.0  | %     | 70-130 |
| 1,1,2-Trichloroethane      |             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|                            |             | Lab Fort Blk. Found  | 22.3   | ug/l  |        |
|                            |             | Lab Fort Blk. % Rec. | 111.4  | %     | 70-130 |
| Bromoform                  |             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|                            |             | Lab Fort Blk. Found  | 19.3   | ug/l  |        |
|                            |             | Lab Fort Blk. % Rec. | 96.3   | %     | 70-130 |
| 1,1,2,2-Tetrachloroethane  |             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|                            |             | Lab Fort Blk. Found  | 17.5   | ug/l  |        |



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|---------------|---------------------------|----------------------|--------|-------|--------|
| LFBLANK-39210 |                           |                      |        |       |        |
|               | 1,1,2,2-Tetrachloroethane | Lab Fort Blk. % Rec. | 87.5   | %     | 70-130 |
|               | 2-Chlorotoluene           | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                           | Lab Fort Blk. Found  | 21.9   | ug/l  |        |
|               |                           | Lab Fort Blk. % Rec. | 109.6  | %     | 70-130 |
|               | Hexachlorobutadiene       | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                           | Lab Fort Blk. Found  | 18.3   | ug/l  |        |
|               |                           | Lab Fort Blk. % Rec. | 91.4   | %     | 70-130 |
|               | Isopropylbenzene          | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                           | Lab Fort Blk. Found  | 19.1   | ug/l  |        |
|               |                           | Lab Fort Blk. % Rec. | 95.4   | %     | 70-130 |
|               | p-Isopropyltoluene        | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                           | Lab Fort Blk. Found  | 19.2   | ug/l  |        |
|               |                           | Lab Fort Blk. % Rec. | 95.8   | %     | 70-130 |
|               | n-Propylbenzene           | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                           | Lab Fort Blk. Found  | 22.8   | ug/l  |        |
|               |                           | Lab Fort Blk. % Rec. | 114.2  | %     | 70-130 |
|               | sec-Butylbenzene          | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                           | Lab Fort Blk. Found  | 19.3   | ug/l  |        |
|               |                           | Lab Fort Blk. % Rec. | 96.7   | %     | 70-130 |
|               | tert-Butylbenzene         | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                           | Lab Fort Blk. Found  | 19.7   | ug/l  |        |
|               |                           | Lab Fort Blk. % Rec. | 98.5   | %     | 70-130 |
|               | 1,2,3-Trichlorobenzene    | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                           | Lab Fort Blk. Found  | 17.8   | ug/l  |        |
|               |                           | Lab Fort Blk. % Rec. | 89.2   | %     | 70-130 |
|               | 1,2,4-Trichlorobenzene    | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                           | Lab Fort Blk. Found  | 17.7   | ug/l  |        |
|               |                           | Lab Fort Blk. % Rec. | 88.4   | %     | 70-130 |
|               | 1,2,4-Trimethylbenzene    | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                           | Lab Fort Blk. Found  | 20.2   | ug/l  |        |
|               |                           | Lab Fort Blk. % Rec. | 100.8  | %     | 70-130 |
|               | 1,3,5-Trimethylbenzene    | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                           | Lab Fort Blk. Found  | 19.7   | ug/l  |        |
|               |                           | Lab Fort Blk. % Rec. | 98.6   | %     | 70-130 |
|               | Dibromomethane            | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                           | Lab Fort Blk. Found  | 21.2   | ug/l  |        |
|               |                           | Lab Fort Blk. % Rec. | 105.9  | %     | 70-130 |
|               | cis-1,2-Dichloroethylene  | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                           | Lab Fort Blk. Found  | 20.2   | ug/l  |        |
|               |                           | Lab Fort Blk. % Rec. | 100.8  | %     | 70-130 |
|               | 4-Chlorotoluene           | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                           | Lab Fort Blk. Found  | 22.6   | ug/l  |        |
|               |                           | Lab Fort Blk. % Rec. | 113.2  | %     | 70-130 |



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|---------------|-----------------------------|----------------------|--------|-------|--------|
| LFBLANK-39210 | 1,1-Dichloropropene         | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 20.4   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 102.0  | %     | 70-130 |
|               | 1,2-Dichloropropane         | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 22.1   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 110.7  | %     | 70-130 |
|               | 1,3-Dichloropropane         | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 22.5   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 112.5  | %     | 70-130 |
|               | 2,2-Dichloropropane         | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 11.4   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 56.8   | %     | 70-130 |
|               | 1,1,1,2-Tetrachloroethane   | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 100.0  | %     | 70-130 |
|               | 1,2,3-Trichloropropane      | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 19.6   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 98.2   | %     | 70-130 |
|               | n-Butylbenzene              | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 18.3   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 91.6   | %     | 70-130 |
|               | Dichlorodifluoromethane     | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 29.7   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 148.7  | %     | 70-130 |
|               | Bromochloromethane          | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 20.7   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 103.4  | %     | 70-130 |
|               | Bromobenzene                | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 21.9   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 109.3  | %     | 70-130 |
|               | Iodomethane                 | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 21.3   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 106.3  | %     |        |
|               | Acrylonitrile               | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 27.0   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 135.2  | %     |        |
|               | Carbon Disulfide            | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 24.0   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 119.8  | %     | 70-130 |
|               | 2-Hexanone                  | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               |                             | Lab Fort Blk. Found  | 17.6   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 88.0   | %     | 50-155 |
|               | trans-1,4-Dichloro-2-Butene | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |



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|---------------|-----------------------------|----------------------|--------|-------|--------|
| LFBLANK-39210 | trans-1,4-Dichloro-2-Butene | Lab Fort Blk. Found  | 12.9   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 64.7   | %     |        |
|               |                             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               | Ethyl Methacrylate          | Lab Fort Blk. Found  | 19.5   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 97.5   | %     |        |
|               |                             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               | Diethyl Ether               | Lab Fort Blk. Found  | 22.5   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 112.6  | %     | 50-155 |
|               |                             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               | Bromodichloromethane        | Lab Fort Blk. Found  | 22.6   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 112.9  | %     | 70-130 |
|               |                             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               | 1,2-Dibromo-3-Chloropropane | Lab Fort Blk. Found  | 18.2   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 90.9   | %     | 70-130 |
|               |                             | Lab Fort Blank Amt.  | 20.00  | ug/l  |        |
|               | 1,2-Dibromoethane           | Lab Fort Blk. Found  | 22.33  | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 111.65 | %     | 70-130 |
|               |                             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               | Tetrahydrofuran             | Lab Fort Blk. Found  | 17.0   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 85.2   | %     | 50-155 |
|               |                             | Lab Fort Blank Amt.  | 100.0  | ug/l  |        |
|               | tert-Butyl Alcohol          | Lab Fort Blk. Found  | 108.2  | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 108.2  | %     |        |
|               |                             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               | Diisopropyl Ether           | Lab Fort Blk. Found  | 24.4   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 122.0  | %     | 50-155 |
|               |                             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               | tert-Butylethyl Ether       | Lab Fort Blk. Found  | 24.5   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 122.4  | %     | 50-155 |
|               |                             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |
|               | tert-Amylmethyl Ether       | Lab Fort Blk. Found  | 23.9   | ug/l  |        |
|               |                             | Lab Fort Blk. % Rec. | 119.6  | %     | 50-155 |
|               |                             | Lab Fort Blank Amt.  | 20.0   | ug/l  |        |



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QC Batch Number: HG-5041

| Sample Id     | Analysis | QC Analysis          | Values    | Units | Limits |
|---------------|----------|----------------------|-----------|-------|--------|
| 05B04586      | Mercury  | Sample Amount        | <0.00004  | mg/l  |        |
|               |          | Matrix Spk Amt Added | 0.00200   | mg/l  |        |
|               |          | MS Amt Measured      | 0.00199   | mg/l  |        |
|               |          | Matrix Spike % Rec.  | 99.50000  | %     | 75-125 |
| BLANK-70158   | Mercury  | Blank                | <0.00004  | mg/l  |        |
| LFBLANK-39299 | Mercury  | Lab Fort Blank Amt.  | 0.00200   | mg/l  |        |
|               |          | Lab Fort Blk. Found  | 0.00212   | mg/l  |        |
|               |          | Lab Fort Blk. % Rec. | 106.00000 | %     | 85-115 |



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QC Batch Number: HGA/AA-4533

| Sample Id   | Analysis | QC Analysis          | Values   | Units | Limits   |
|-------------|----------|----------------------|----------|-------|----------|
| 05B04584    | Arsenic  | Sample Amount        | 0.0199   | mg/l  |          |
|             |          | Duplicate Value      | 0.0221   | mg/l  |          |
|             |          | Duplicate RPD        | 10.4435  | %     |          |
|             |          | Sample Amount        | 0.0199   | mg/l  |          |
|             |          | Matrix Spk Amt Added | 2.0000   | mg/l  |          |
|             |          | MS Amt Measured      | 2.0350   | mg/l  |          |
|             |          | Matrix Spike % Rec.  | 100.7562 | %     | 59.7-136 |
| BLANK-70327 | Arsenic  | Blank                | <0.0025  | mg/l  |          |



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| Sample Id   | Analysis             | QC Analysis          | Values   | Units | Limits |        |
|-------------|----------------------|----------------------|----------|-------|--------|--------|
| 05B04584    | Silver               | Sample Amount        | <0.005   | mg/l  |        |        |
|             |                      | Matrix Spk Amt Added | 2.000    | mg/l  |        |        |
|             |                      | MS Amt Measured      | 2.017    | mg/l  |        |        |
|             |                      | Matrix Spike % Rec.  | 100.835  | %     |        |        |
|             | Barium               | Sample Amount        | 0.5970   | mg/l  |        |        |
|             |                      | Duplicate Value      | 0.6186   | mg/l  |        |        |
|             |                      | Duplicate RPD        | 3.5703   | %     |        | 0-20   |
|             |                      | Sample Amount        | 0.5970   | mg/l  |        |        |
|             | Cadmium              | Matrix Spk Amt Added | 2.0000   | mg/l  |        |        |
|             |                      | MS Amt Measured      | 2.8729   | mg/l  |        |        |
|             |                      | Matrix Spike % Rec.  | 113.7975 | %     |        | 70-130 |
|             |                      | Sample Amount        | 0.0020   | mg/l  |        |        |
|             | Cadmium              | Duplicate Value      | 0.0020   | mg/l  |        |        |
|             |                      | Duplicate RPD        | 0.0000   | %     |        | 0-20   |
|             |                      | Sample Amount        | 0.0020   | mg/l  |        |        |
|             |                      | Matrix Spk Amt Added | 2.0000   | mg/l  |        |        |
|             | Chromium             | MS Amt Measured      | 2.1200   | mg/l  |        |        |
|             |                      | Matrix Spike % Rec.  | 105.8975 | %     |        | 70-130 |
|             |                      | Sample Amount        | 0.084    | mg/l  |        |        |
|             |                      | Duplicate Value      | 0.093    | mg/l  |        |        |
|             | Chromium             | Duplicate RPD        | 9.680    | %     |        | 0-20   |
|             |                      | Sample Amount        | 0.084    | mg/l  |        |        |
|             |                      | Matrix Spk Amt Added | 2.000    | mg/l  |        |        |
|             |                      | MS Amt Measured      | 2.218    | mg/l  |        |        |
| Lead        | Matrix Spike % Rec.  | 106.672              | %        |       | 70-130 |        |
|             | Sample Amount        | 0.032                | mg/l     |       |        |        |
|             | Duplicate Value      | 0.035                | mg/l     |       |        |        |
|             | Duplicate RPD        | 9.111                | %        |       | 0-20   |        |
| Lead        | Sample Amount        | 0.032                | mg/l     |       |        |        |
|             | Matrix Spk Amt Added | 2.000                | mg/l     |       |        |        |
|             | MS Amt Measured      | 2.105                | mg/l     |       |        |        |
|             | Matrix Spike % Rec.  | 103.652              | %        |       | 70-130 |        |
| Selenium    | Sample Amount        | <0.05                | mg/l     |       |        |        |
|             | Matrix Spk Amt Added | 2.00                 | mg/l     |       |        |        |
|             | MS Amt Measured      | 2.05                 | mg/l     |       |        |        |
|             | Matrix Spike % Rec.  | 102.28               | %        |       | 70-130 |        |
| BLANK-70324 | Silver               | Blank                | <0.005   | mg/l  |        |        |
|             | Barium               | Blank                | <0.0010  | mg/l  |        |        |
|             | Cadmium              | Blank                | <0.0005  | mg/l  |        |        |
|             | Chromium             | Blank                | <0.004   | mg/l  |        |        |
|             | Lead                 | Blank                | <0.002   | mg/l  |        |        |
|             | Selenium             | Blank                | <0.05    | mg/l  |        |        |



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**QC SUMMARY REPORT**

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 2/21/2005

Lims Bat #: LIMS-85920

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QC Batch Number: ICP-11316

| Sample Id     | Analysis             | QC Analysis          | Values   | Units | Limits |        |
|---------------|----------------------|----------------------|----------|-------|--------|--------|
| LFBLANK-39407 | Silver               | Lab Fort Blank Amt.  | 2.000    | mg/l  |        |        |
|               |                      | Lab Fort Blk. Found  | 2.181    | mg/l  |        |        |
|               |                      | Lab Fort Blk. % Rec. | 109.060  | %     |        |        |
|               | Barium               | Lab Fort Blank Amt.  | 2.0000   | mg/l  |        |        |
|               |                      | Lab Fort Blk. Found  | 2.1406   | mg/l  |        |        |
|               |                      | Lab Fort Blk. % Rec. | 107.0300 | %     |        | 85-115 |
|               | Cadmium              | Lab Fort Blank Amt.  | 2.0000   | mg/l  |        |        |
|               |                      | Lab Fort Blk. Found  | 2.1782   | mg/l  |        |        |
|               |                      | Lab Fort Blk. % Rec. | 108.9100 | %     |        | 85-115 |
| Chromium      | Lab Fort Blank Amt.  | 2.000                | mg/l     |       |        |        |
|               | Lab Fort Blk. Found  | 2.120                | mg/l     |       |        |        |
|               | Lab Fort Blk. % Rec. | 106.010              | %        |       | 85-115 |        |
| Lead          | Lab Fort Blank Amt.  | 2.000                | mg/l     |       |        |        |
|               | Lab Fort Blk. Found  | 2.116                | mg/l     |       |        |        |
|               | Lab Fort Blk. % Rec. | 105.790              | %        |       | 85-115 |        |
| Selenium      | Lab Fort Blank Amt.  | 2.00                 | mg/l     |       |        |        |
|               | Lab Fort Blk. Found  | 2.30                 | mg/l     |       |        |        |
|               | Lab Fort Blk. % Rec. | 115.00               | %        |       | 85-115 |        |



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 2/21/2005

Lims Bat #: LIMS-85920

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NOTES:

QC Batch No. : GCMS/VOL-11450  
Sample ID : LFBLANK-39210  
Analysis : 2,2-Dichloropropane

THIS COMPOUND IS CLASSIFIED AS A "DIFFICULT ANALYTE" IN METHOD SW846 8260 AND CONTROL LIMITS OF 50-155% ARE USED FOR THE LABORATORY FORTIFIED BLANK RECOVERY.

QC Batch No. : GCMS/VOL-11450  
Sample ID : LFBLANK-39210  
Analysis : Chloroethane

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

QC Batch No. : GCMS/VOL-11450  
Sample ID : LFBLANK-39210  
Analysis : Dichlorodifluoromethane

THIS COMPOUND IS CLASSIFIED AS A "DIFFICULT ANALYTE" IN METHOD SW846 8260 AND CONTROL LIMITS OF 50-155% ARE USED FOR THE LABORATORY FORTIFIED BLANK RECOVERY.

QC Batch No. : GCMS/VOL-11450  
Sample ID : LFBLANK-39210  
Analysis : Methylene Chloride

THIS COMPOUND IS CLASSIFIED AS A "DIFFICULT ANALYTE" IN METHOD SW846 8260 AND CONTROL LIMITS OF 50-155% ARE USED FOR THE LABORATORY FORTIFIED BLANK RECOVERY.

QC Batch No. : GCMS/VOL-11450  
Sample ID : LFBLANK-39210  
Analysis : Trichlorofluoromethane

THIS COMPOUND IS CLASSIFIED AS A "DIFFICULT ANALYTE" IN METHOD SW846 8260 AND CONTROL LIMITS OF 50-155% ARE USED FOR THE LABORATORY FORTIFIED BLANK RECOVERY.



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 2/21/2005

Lims Bat #: LIMS-85920

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QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

|                       |  |
|-----------------------|--|
| QC BATCH NUMBER       | This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.  |
| LIMITS                | Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined. |
| Sample Amount         | Amount of analyte found in a sample.   |
| Blank                 | Method Blank that has been taken through all the steps of the analysis.  |
| LFBLANK               | Laboratory Fortified Blank (a control sample)  |
| STDADD                | Standard Added (a laboratory control sample)   |
| Matrix Spk Amt Added  | Amount of analyte spiked into a sample   |
| MS Amt Measured       | Amount of analyte found including amount that was spiked   |
| Matrix Spike % Rec.   | % Recovery of spiked amount in sample.   |
| Duplicate Value       | The result from the Duplicate analysis of the sample.  |
| Duplicate RPD         | The Relative Percent Difference between two Duplicate Analyses.  |
| Surrogate Recovery    | The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.  |
| Sur. Recovery (ELCD)  | Surrogate Recovery on the Electrolytic Conductivity Detector.  |
| Sur. Recovery (PID)   | Surrogate Recovery on the Photoionization Detector.  |
| Standard Measured     | Amount measured for a laboratory control sample  |
| Standard Amt Added    | Known value for a laboratory control sample  |
| Standard % Recovery   | % recovered for a laboratory control sample with a known value.  |
| Lab Fort Blank Amt    | Laboratory Fortified Blank Amount Added  |
| Lab Fort Blk. Found   | Laboratory Fortified Blank Amount Found  |
| Lab Fort Blk % Rec    | Laboratory Fortified Blank % Recovered   |
| Dup Lab Fort Bl Amt   | Duplicate Laboratory Fortified Blank Amount Added  |
| Dup Lab Fort Bl Fnd   | Duplicate Laboratory Fortified Blank Amount Found  |
| Dup Lab Fort Bl % Rec | Duplicate Laboratory Fortified Blank % Recovery  |
| Lab Fort Blank Range  | Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).  |
| Lab Fort Bl. Av. Rec. | Laboratory Fortified Blank Average Recovery  |
| Duplicate Sample Amt  | Sample Value for Duplicate used with Matrix Spike Duplicate  |
| MSD Amount Added      | Matrix Spike Duplicate Amount Added (Spiked)   |
| MSD Amt Measured      | Matrix Spike Duplicate Amount Measured   |
| MSD % Recovery        | Matrix Spike Duplicate % Recovery  |
| MSD Range             | Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries   |



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Fax: 413-525-6405  
Email: info@contestlabs.com  
www.contestlabs.com

### CHAIN OF CUSTODY RECORD

39 SPRUCE ST, 2ND FLOOR  
EAST LONGMEADOW, MA 01028

Page      of     

Company Name: VHB  
Address: 54 Tittle Place  
Middletown CT  
Attention: Amy Czerwinski  
Project Location: Ferry Green St  
Sampled By: Amy Czerwinski

Telephone: 860 132-6507  
Project # 40990-00  
Client PO # 40990-00

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
Fax #:  
Email:  
Format:  EXCEL  PDF  GIS KEY

Proposal Provided? (For Billing purposes)  
 yes  no  
proposal date

State Form Required?  
 yes  no

| Field ID   | Sample Description | Lab #          | Date Sampled       |                   | Com-<br>posite | Grab | *Matrix Code | ANALYSIS REQUESTED | # of containers |
|--|--------------------|----------------|--------------------|-------------------|----------------|------|--------------|--------------------|-----------------|
|  |                    |                | Start<br>Date/Time | Stop<br>Date/Time |                |      |              |                    |                 |
| MW-1   | 60 Green St        | 04588881       | 2/7/05             | 2/7/05            |                | ✓    | GW           | ✓                  | 1               |
| MW-2   | 60 Green St        | 04588882       |                    |                   |                | ✓    | GW           | ✓                  | 1               |
| MW-5   | Lot 12B            | 04588883       |                    |                   |                | ✓    | GW           | ✓                  | 1               |
| MW-6   | 17-19 Green St     | 04588884       |                    |                   |                | ✓    | GW           | ✓                  | 1               |
| MW-7   | 26-28 Ferry St     | 04588885       |                    |                   |                | ✓    | GW           | ✓                  | 1               |
| MW-8   | 54 Ferry St        | 04588886 (MUS) |                    |                   |                | ✓    | GW           | ✓                  | 1               |
| MW-9   | 70 Ferry St        | #              |                    |                   |                | ✓    | GW           | ✓                  | 1               |
|  | HCL Trip Blank     | 05044931       |                    |                   |                |      |              |                    | 1               |
|  | Cooler Blank       |                |                    |                   |                |      |              |                    | 1               |
| Relinquished by: (signature) <u>Amy Czerwinski</u><br>Date/Time: <u>2/8/05</u><br>Received by: (signature) <u>[Signature]</u><br>Date/Time: <u>2/8/05 4:50</u><br>Relinquished by: (signature) <u>[Signature]</u><br>Date/Time: <u>2/8/05 5:06</u><br>Received by: (signature) <u>[Signature]</u><br>Date/Time: <u>2/8/05 1745</u> |                    |                |                    |                   |                |      |              |                    |                 |

Turnaround \*\*  
 \*5-Day  
 7-Day  
 10-Day  
RUSH \*  
 \*24-Hr  \*48-Hr  
 \*72-Hr  \*4-Day  
\* Require lab approval

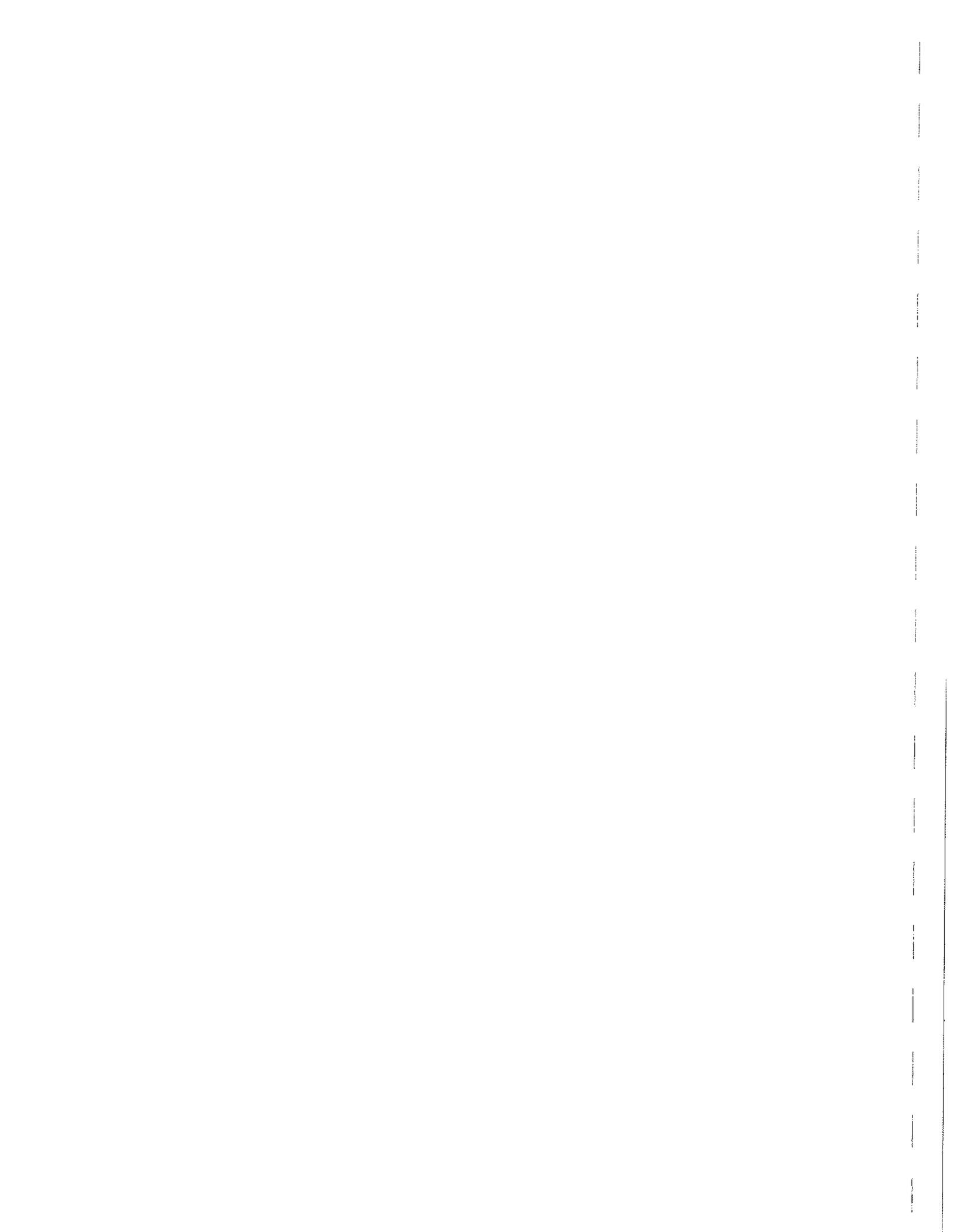
Detection Limit Requirements  
Regulations? FRSLS  
Data Enhancement Project?  Y  N  
(MA MCP sites only)  
Special Requirements or DL's:

\*Matrix Code:  
GW= groundwater  
WW= wastewater  
DW= drinking water  
A = air  
S = soil/solid  
SL = sludge  
O = other

\*\*Preservation Codes:  
I = Iced  
H = HCL  
M = Methanol  
N = Nitric Acid  
S = Sulfuric Acid  
B = Sodium bisulfate  
O = Other

Con-Test Laboratory is the ONLY independent laboratory in all of New England with both prestigious AIHA and NELAP Certifications and WBE/DBE Certified!

11 AP3





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REPORT DATE 3/2/2005

VANASSE HANGEN BRUSTLIN, INC. - CT  
54 TUTTLE PLACE  
MIDDLETOWN, CT 06457  
ATTN: AMY CZERWONKA

CONTRACT NUMBER:  
PURCHASE ORDER NUMBER: 40990.00

PROJECT NUMBER:

**ANALYTICAL SUMMARY**

LIMS BAT #: LIMS-86254  
JOB NUMBER: 40990.00

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: FERRY/GREEN ST, MIDDLETOWN

| FIELD SAMPLE # | LAB ID   | MATRIX | SAMPLE DESCRIPTION | TEST            |
|----------------|----------|--------|--------------------|-----------------|
| B-8            | 05B06663 | SOIL   | NOT SPECIFIED      | splp - chromium |
| B-8            | 05B06663 | SOIL   | NOT SPECIFIED      | splp - lead icp |
| B-8            | 05B06663 | SOIL   | NOT SPECIFIED      | splp mercury    |

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations :

|                           |                                 |                                 |
|---------------------------|---------------------------------|---------------------------------|
| AIHA 100033               | AIHA ELLAP (LEAD) 100033        |                                 |
| MASSACHUSETTS MA0100      | NEW HAMPSHIRE NELAP 2516        | NEW JERSEY NELAP NJ MA007 (AIR) |
| CONNECTICUT PH-0567       | VERMONT DOH (LEAD) No. LL015036 | ARIZONA AZ0648                  |
| NEW YORK ELAP/NELAP 10899 | RHODE ISLAND (LIC. No. 112)     | ARIZONA AZ0654 (AIR)            |

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

*Edward Denson 3/2/05*

Tod Kopyscinski  
Director of Operations

Sondra S. Kocot  
Quality Control Coordinator

SIGNATURE

DATE

Edward Denson  
Technical Director





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AMY CZERWONKA  
VANASSE HANGEN BRUSTLIN, INC. - CT  
54 TUTTLE PLACE  
MIDDLETOWN, CT 06457

3/2/2005  
Page 1 of 4

Purchase Order No.: 40990.00

Project Location: FERRY/GREEN ST, MIDDLETOWN  
Date Received: 2/21/2005  
Field Sample # : B-8

LIMS-BAT #: LIMS-86254  
Job Number: 40990.00

Sample ID : 05B06663                      Sampled : 2/3/2005  
NOT SPECIFIED

Sample Matrix: SOIL

|          | Units         | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|----------|---------------|---------|---------------|---------|------|------------|----|------|
|          |               |         |               |         |      | Lo         | Hi |      |
| Chromium | mg/l leachate | ND      | 02/28/05      | KRL     | 0.02 | 5          |    | P    |

Analytical Method:  
SW 846 1312/6010

SYNTHETIC PRECIPITATION LEACHING PROCEDURE (SPLP). SAMPLES ARE LEACHED FOR 16-20 HOURS IN THE APPROPRIATE LEACHING SOLUTION ACCORDING TO SPLP AND ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY. WATER SAMPLES ARE FILTERED, NOT EXTRACTED.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

\* = See end of report for comments and notes applying to this sample





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AMY CZERWONKA  
VANASSE HANGEN BRUSTLIN, INC. - CT  
54 TUTTLE PLACE  
MIDDLETOWN, CT 06457

3/2/2005  
Page 3 of 4

Purchase Order No.: 40990.00

Project Location: FERRY/GREEN ST, MIDDLETOWN  
Date Received: 2/21/2005  
Field Sample #: B-8

LIMS-BAT #: LIMS-86254  
Job Number: 40990.00

Sample ID: 05B06663      Sampled: 2/3/2005  
NOT SPECIFIED

Sample Matrix: SOIL

|         | Units         | Results | Date Analyzed | Analyst | RL      | SPEC Limit |    | P/ F |
|---------|---------------|---------|---------------|---------|---------|------------|----|------|
|         |               |         |               |         |         | Lo         | Hi |      |
| Mercury | mg/l leachate | ND      | 02/25/05      | JTB     | 0.00004 | 0.2        |    | P    |

Analytical Method:  
SW846 1312/7470

SW846 1312 SYNTHETIC PRECIPITATION LEACHING PROCEDURE (SPLP). SAMPLES ARE LEACHED FOR 16-20 HOURS IN THE APPROPRIATE SOLUTION ACCORDING TO SPLP. WATER SAMPLES ARE FILTERED, NOT EXTRACTED.

SW846 7470 MERCURY LEACHATE IS ANALYZED BY COLD VAPOR (FLAMELESS) ATOMIC ABSORPTION SPECTROPHOTOMETRY.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

\* = See end of report for comments and notes applying to this sample



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AMY CZERWONKA  
VANASSE HANGEN BRUSTLIN, INC. - CT  
54 TUTTLE PLACE  
MIDDLETOWN, CT 06457

Purchase Order No.: 40990.00

3/2/2005  
Page 4 of 4

Project Location: FERRY/GREEN ST, MIDDLETOWN  
Date Received: 2/21/2005

LIMS-BAT #: LIMS-86254  
Job Number: 40990.00

**\*\* END OF REPORT \*\***

RL = Reporting Limit  
ND = Not Detected  
NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

\* = See end of report for comments and notes applying to this sample



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**QC SUMMARY REPORT**

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 3/2/2005 Lims Bat # : LIMS-86254 Page 1 of 3  
QC Batch Number: HG/TCLP-1855

| Sample Id     | Analysis | QC Analysis          | Values   | Units         | Limits |
|---------------|----------|----------------------|----------|---------------|--------|
| 05B06663      | Mercury  | Sample Amount        | <0.00004 | mg/l leachate |        |
|               |          | Matrix Spk Amt Added | 0.00200  | mg/l leachate |        |
|               |          | MS Amt Measured      | 0.00196  | mg/l leachate |        |
|               |          | Matrix Spike % Rec.  | 98.00000 | %             | 75-125 |
| BLANK-70541   | Mercury  | Blank                | <0.00004 | mg/l leachate |        |
| LFBLANK-39567 | Mercury  | Lab Fort Blank Amt.  | 0.00200  | mg/l leachate |        |
|               |          | Lab Fort Blk. Found  | 0.00196  | mg/l leachate |        |
|               |          | Lab Fort Blk. % Rec. | 98.00000 | %             | 80-120 |



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**QC SUMMARY REPORT**

SAMPLE QC: Sample Results with Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates  
Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 3/2/2005 Lims Bat #: LIMS-86254 Page 2 of 3

QC Batch Number: ICP/TCLP-2236

| Sample Id   | Analysis | QC Analysis          | Values | Units         | Limits |
|-------------|----------|----------------------|--------|---------------|--------|
| 05B06663    | Chromium | Sample Amount        | <0.02  | mg/l leachate |        |
|             |          | Matrix Spk Amt Added | 2.00   | mg/l leachate |        |
|             |          | MS Amt Measured      | 2.10   | mg/l leachate |        |
|             |          | Matrix Spike % Rec.  | 105.23 | %             | 70-130 |
|             | Lead     | Sample Amount        | <0.01  | mg/l leachate |        |
|             |          | Matrix Spk Amt Added | 2.00   | mg/l leachate |        |
|             |          | MS Amt Measured      | 2.03   | mg/l leachate |        |
|             |          | Matrix Spike % Rec.  | 101.68 | %             | 70-130 |
| BLANK-70684 | Chromium | Blank                | <0.02  | mg/l leachate |        |
|             | Lead     | Blank                | <0.01  | mg/l leachate |        |







