

# HRP Associates, Inc.

Creating the Right Solutions Together

June 2, 2011

Mr. David Sordi  
Senior Manager  
Environmental Engineering  
One Centennial Avenue  
Piscataway, NJ 08854

**RE: MARCH 2011 SEMI-ANNUAL GROUNDWATER QUALITY MONITORING REPORT, FORMER TORRINGTON COMPANY FACILITY, 263 MYRTLE STREET (FORMERLY 37 BOOTH STREET), NEW BRITAIN, CT (HRP #ING0077.GW)**

Dear Mr. Sordi:

Attached is the March 2011 Groundwater Quality Monitoring Report for the property referenced above. This is the first monitoring event since the sampling frequency was reduced from quarterly to semi-annual. The sampling frequency was reduced due to declining yet persistent concentrations of vinyl chloride and 1,1-dichloroethylene detected in groundwater samples collected from select monitoring wells. This reduced sampling frequency will continue to allow HRP to evaluate these declining trends. The next semi-annual sampling event is scheduled for September 2011.

If you have any questions or require any additional information, please do not hesitate to contact us at (860) 674-9570.

Sincerely,  
HRP ASSOCIATES, INC.



Stefanie A. Kreipovich  
Senior Project Geologist



Scot Kuhn, LEP  
Senior Project Manager



Robert H. Leach, LEP  
Principal/COO

## CONNECTICUT

Corporate Headquarters  
197 Scott Swamp Road  
Farmington, CT 06032  
800-246-9021  
860-674-9570  
FAX 860-674-9624

999 Oronoque Lane  
Second Floor  
Stratford, CT 06614  
203-380-1395  
FAX 203-380-1438

## FLORIDA

2435 U.S. Highway 19  
Suite 550  
Holiday, FL 34691  
727-942-2115  
FAX 727-942-2113

## MASSACHUSETTS

241 Boston Post Rd West  
First Floor  
Marlborough, MA 01752  
508-630-0300  
FAX 508-786-1901

## NEW YORK

1 Fairchild Square  
Suite 110  
Clifton Park, NY 12065  
888-823-6427  
518-877-7101  
FAX 518-877-8561

## SOUTH CAROLINA

1327 Miller Road  
Suite D  
Greenville, SC 29607  
800-752-3922  
864-289-0311  
FAX 864-281-9846

## TEXAS

5601 Bridge Street  
Suite 300  
Fort Worth, TX 76112  
817-492-7092  
FAX 817-492-7001

[www.hrpassociates.com](http://www.hrpassociates.com)

Attachments

cc: Claire Foster, CT DEP

**MARCH 2011  
GROUNDWATER QUALITY  
MONITORING REPORT**

**FORMER TORRINGTON COMPANY  
263 MYRTLE STREET  
(FORMERLY 37 BOOTH STREET)  
NEW BRITAIN, CONNECTICUT**

**HRP # ING0077.GW**

April 28, 2011

Prepared for:

Ingersoll Rand  
One Centennial Drive  
Piscataway, NJ 08855

Prepared by:

HRP Associates, Inc.  
Environmental/Civil Engineering & Hydrogeology  
197 Scott Swamp Road  
Farmington, CT 06032



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Stefanie A. Kreipovich  
Senior Project Geologist



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Scot Kuhn, LEP  
Senior Project Manager



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Robert H. Leach, LEP  
President/COO

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## 1.0 INTRODUCTION

This report presents the findings of the groundwater quality monitoring event conducted on March 8, 2011 by HRP Associates, Inc. (HRP), at the former Torrington Company Fafnir Bearing Facility located at 263 Myrtle Street (formerly 37 Booth Street), New Britain, Connecticut (site). Refer to Figure 1 for the topographical location of the site.

### 1.1 Current Site Status

Ownership of the site was transferred from Ingersoll Rand to the City of New Britain under Connecticut's "Transfer Act" (CGS 22a-134) in 1995 and from the City to Cakemaker LLC in 2007. Due to historic releases, the Connecticut Department of Environmental Protection (CT DEP) has retained oversight of the investigation and remediation of the property, to achieve compliance with the Remediation Standard Regulations (RSR), pursuant to the Transfer Act filing.

The site was recently redeveloped with a two-story commercial building, which is primarily used for the creation of ice cream cakes by Celebration Foods. Contaminated soils remaining in-place were encountered during the redevelopment activities. These soils were previously left beneath clean cover material as allowed by the RSR with CT DEP approval (refer to Section 1.2). During construction activities, contaminated materials were managed in accordance with the Soil Management Plan approved by the CT DEP in May 2007. All impacted soils encountered during site redevelopment were retained and reused on site except for less than 5 yards of hydraulic oil impacted soils, which were removed from the site for disposal in June 2007. The contaminated soil management activities were documented in the Soil Closure Report submitted to the CT DEP on April 7, 2010.

In January/February 2008, eleven (11) groundwater monitoring wells were installed at the site to replace wells previously abandoned for site redevelopment. Documentation pertaining to well abandonment and installation of the new wells has been provided to the CT DEP.

#### 1.1.1 Environmental Land Use Restriction (ELUR)

An Environmental Land Use Restriction (ELUR) is proposed for the property. The terms of the ELUR will:

- Restrict current and future use of the site to commercial and/or industrial
- Limit new construction on-site over areas of impacted groundwater
- Ensure that the building will remain in place and prevent disturbances to the soils which exceed the I/C DEC numeric criteria in localized areas of the property.

The ELUR was previously drafted in 2009 and later revised to the CT DEP's new format at the end of 2010. The revised draft ELUR is currently being reviewed by the property owner.

### 1.2 Historical Groundwater Monitoring and Remedial Actions

HRP conducted soil remediation (soil excavation and off-site disposal) at the site in 1998/99, concurrent with demolition of the former Torrington Company Fafnir Bearing buildings. Petroleum, arsenic, volatile organic compounds (VOCs), lead, and polychlorinated biphenyl's (PCBs) were all detected in soil at concentrations that exceeded RSR criteria. These soils were remediated to the Industrial/Commercial Direct Exposure Criteria (I/C DEC) in accordance with the RSR. Soils meeting the Pollutant Mobility Criteria (GB PMC), but exceeding the I/C DEC

were left in place at least 4 feet below grade. The Remedial Action Report (RAR), issued after completion of this work, was approved by the CT DEP in March 2001. The RAR proposed a post-remediation groundwater monitoring plan for the site that consisted of groundwater monitoring on a quarterly schedule.

Quarterly groundwater monitoring was conducted at the site from 2001 to August 2002. The monitoring frequency was subsequently reduced to semi-annual due to the persistence of contaminants in groundwater and the presence of light non-aqueous phase liquid (LNAPL) in certain monitoring wells. This adjustment to the Groundwater Monitoring Plan was outlined in a letter to the CT DEP dated September 5, 2002. The monitoring plan was also revised in 2005/2006. The revised sampling program provided for sampling fewer wells for ETPH and temporarily discontinuing sampling wells for arsenic (except for RMW-29), cadmium and lead. All post-remediation groundwater monitoring reports have been submitted to the CT DEP.

The historical release to soil at RA-5 (Figure 1) located in the vicinity of former monitoring well RMW-8R has resulted in a plume of halogenated VOCs (HVOCs) in groundwater, in the central/eastern section of the site and beneath the newly constructed site building. HVOCs detected in the plume above RSR Criteria included 1,1,1-trichloroethane, 1,1-dichloroethylene, tetrachloroethylene, trichloroethylene, and vinyl chloride. These contaminants were predominately detected in former monitoring wells RMW-8R, RMW-10, RMW-11, RMW-23 and RMW-24.

Short-term groundwater remediation pilot tests which consisted of high vacuum groundwater and soil vapor extraction were conducted at RMW-8R in February 2006 and February 2007. The extraction was intended to reduce HVOC concentrations in the plume. However, these events had no substantial affect on HVOC concentrations and, therefore, groundwater extraction was not pursued further as a remedial option.

Since 2001, contaminant concentrations have generally decreased, however, select VOCs have persisted in groundwater above RSR Criteria, and LNAPL was present (RMW-10) during the gauging event completed before well abandonment (May 2007). Therefore, a revised post-remediation monitoring plan (Section 2.0) was submitted to and approved by the CT DEP in February 2008.

### **1.3 Sub-Slab Depressurization System**

Since the current commercial building was installed over a large portion of the HVOC plume, a sub-slab depressurization (SSD) system was installed beneath the building at the time of its construction as a precautionary vapor intrusion mitigation measure. Seven soil gas points installed beneath the floor of the building were sampled on a quarterly basis between August 2008 and May 2009. The analytical results were compared to the proposed and current Industrial/Commercial Soil Volatilization Criteria (I/C VC) in accordance with the CT DEP approved Vapor Intrusion Mitigation Plan (VIMP).

The May 2009 sampling event was the fourth and final soil gas sampling event proposed in the VIMP. The results of the soil gas sampling were generally consistent over the four quarters and concentrations of VOCs remained below both the current 1996 promulgated numeric comparison criteria of the RSR and the 2003 proposed revisions, where established. No further soil gas sampling is planned, and completion of the sub-slab depressurization (SSD) system has been determined to be unnecessary.

## 2.0 REVISED POST-REMEDATION GROUNDWATER MONITORING PROGRAM

In January/February 2008, monitoring wells MW-1, MW-2a, MW-3, MW-4a, MW-5, MW-6, MW-7, and MW-8a were installed to various depths as overburden/shallow bedrock wells. Monitoring wells MW-2b, MW-4b and MW-8b were installed solely in the bedrock aquifer. These wells and existing monitoring wells RMW-3, RMW-15, RMW-17 and RMW-19 (Figure 2), are designed to meet the following goals for both compliance and post-remediation groundwater monitoring at the former Fafnir Bearing Plant. The following is a summary of the revised groundwater monitoring program.

### 1. Groundwater Contouring to Determine Direction of Groundwater Flow

- Groundwater flow in the bedrock aquifer is inferred using elevations obtained from monitoring wells MW-2b, MW-4b, MW-8b and RMW-19.
- Groundwater flow in the overburden/shallow bedrock aquifer is defined by monitoring wells MW-1, MW-2a, MW-3, MW-4a, MW-5, MW-6, MW-7, MW-8a, RMW-3, RMW-15, and RMW-17.

### 2. Monitoring for LNAPL

- All monitoring wells are gauged during quarterly sampling events to determine if LNAPL is present. If LNAPL is present, the product is recovered by bailing or, as appropriate, with absorbent pads. All product and spent pads are stored in 55-gallon drums for off-site disposal.
- Monitoring wells where LNAPL is detected are gauged bi-monthly and LNAPL is removed, until such time that product is no longer observed in the monitoring well and the gauging is then conducted during groundwater sampling events only.

### 3. Monitoring VOC Plume

- Groundwater quality is monitored in and downgradient of the VOC plume by collecting samples from monitoring wells MW-4a, MW-4b, MW-5, MW-6, MW-7, MW-8a, MW-8b and RMW-15 (Figure 2).

### 4. Downgradient Monitoring Volatilization Criteria (Myrtle Street –Tenergy Property)

- Monitoring wells MW-2a, MW-2b, MW-3, MW-4a, MW-4b, MW-5, MW-6, MW-8a, MW-8b and RMW-15 are sampled to determine if industrial/commercial volatilization criteria and the surface water protection criteria are met along the property boundary and downgradient of former release areas (RA's).

### 5. Monitoring of Contaminant Migration

- The monitoring well array is designed to document the groundwater quality on the site after construction and materials management have ended.

Groundwater samples are collected using low-flow methodology and sampling adheres to the CT DEP Quality Assurance/Quality Control Reasonable Confidence Protocols (RCP). Samples collected during each event are analyzed for the following parameters;

- All monitoring wells, except for RMW-3, RMW-17 and RMW-19 for VOCs via EPA Method 8260B and ETPH
- Monitoring wells MW-1, MW-3, MW-8a and MW-8b for total arsenic
- Monitoring well MW-6 is gauged for LNAPL

Groundwater compliance will be achieved when no recoverable LNAPL is present, and four (4) consecutive quarters, followed by two (2) semi-annual sampling events exhibiting contaminant concentrations below criteria are completed. By the September 2010 sampling event, concentrations of cadmium and lead had remained below numeric comparison criteria for the requisite monitoring period. Therefore, sampling for cadmium and lead at all wells was discontinued.

Filtered samples were historically collected from monitoring wells MW-3, MW-4b, MW-8a and MW-8b to evaluate whether previously detected total arsenic concentrations were representative of dissolved or adsorbed phase. The results of the filtered samples confirmed that the arsenic concentrations are, at least in part, present in the dissolved form and filtered sampling was discontinued following the June 2010 sampling event. As previously discussed in Section 3.3, an alternative Surface Water Protection Criteria was calculated to address remaining arsenic concentrations. The arsenic analysis was subsequently discontinued in monitoring wells MW-2a, MW-2b, MW-4a, MW-4b, MW-5, MW-7, and RMW-15 based on arsenic concentrations being below the calculated ASWPC for several sampling events.

### **3.0 MARCH 2011 GROUNDWATER MONITORING**

The following narrative provides data pertaining to the sampling event conducted on March 8, 2011.

#### **3.1 Groundwater Gauging Data**

The depth to groundwater at the site ranged from 4.25 feet (RMW-15) to 26.25 feet (MW-8b) below grade and was generally consistent with seasonally low groundwater levels.

MW-6 was gauged for the presence of LNAPL during the March 2011 gauging event. A soakase absorbent sock was present in the well and was removed prior to gauging. LNAPL was detected at a thickness of approximately 0.03 feet within MW-6. The LNAPL was purged and removed from the monitoring well and a soakase absorbent sock was replaced in the well to absorb LNAPL that may accumulate. The LNAPL gauging for this monitoring well will continue at a bi-monthly frequency with the next LNAPL gauging event scheduled for early May 2011. A summary of the groundwater elevation and LNAPL measurements is provided on Table 1.

Groundwater flow across the site in the overburden/shallow bedrock and bedrock aquifers was to the south-southeast at average gradients of approximately 0.06 feet per foot (ft/ft) in the overburden and 0.05 ft/ft in bedrock, as shown on Figures 2 and 3.

#### **3.2 Sampling Methods**

Monitoring wells MW-1, MW-2a, MW-2b, MW-3, MW-4a, MW-4b, MW-5, MW-7, MW-8a, MW-8b and RMW-15 were sampled using low-flow techniques. A sample was not collected from monitoring well MW-6 due to the fact that LNAPL was detected at a thickness greater than 0.02 feet. Groundwater quality parameters, including pH, temperature, dissolved oxygen (DO), oxygen reduction potential (ORP), turbidity, and specific conductivity, were monitored and recorded until each parameter had stabilized. Upon stabilization, the groundwater samples were collected and submitted to Con-Test Analytical Laboratory (Con-Test), a Connecticut-certified laboratory, for analysis of one or more of the following:

- VOCs by EPA Method 8260B
- ETPH by CT DEP Methodology
- Arsenic by EPA Method 6000/7000.

All groundwater samples were analyzed in accordance with CT DEP RCP and a trip blank (TB-1) and duplicate sample (MW-7 DUP) were analyzed for QA/QC purposes.

#### **3.3 Applicable RSR Criteria**

The site is located in a GB groundwater area and, due to the fact that an ELUR will be placed on the site limiting its use to industrial/commercial, the applicable RSR criteria for the site are as follows:

- Industrial/Commercial Volatilization Criteria (I/C VC)
- Surface Water Protection Criteria (SWPC)
- Residential Volatilization Criteria (RVC), at the downgradient property boundary

All groundwater monitoring results from this site are compared to both the 2003 proposed and the current 1996 promulgated criteria to evaluate the groundwater results and determine the need for further investigations and/or remedial actions.

As allowed by the RSR, a self-implementing alternative Surface Water Protection Criteria (ASWPC) has been calculated for arsenic within the on-site groundwater plume. The ASWPC was calculated using: 1) the lower of the aquatic life and human health criteria of the Water Quality Criteria (WQC), and 2) plume-specific values for plume width, plume thickness, and hydraulic gradient. Average overburden and bedrock hydraulic conductivities were also utilized in the calculations.

The onsite plume eventually discharges to Piper Brook located across Myrtle Street (which is culverted underground in a 102" reinforced concrete pipe [RCP]), approximately 250 feet south of the site. Therefore the 7Q10 value for Piper Brook was utilized. The 7Q10 value is the lowest measured stream flow for seven consecutive days that would be expected to occur once every 10 years. The CT DEP provided a 7Q10 value of 2.24 cubic feet per second (cfs) for the junction of Piper Brook and Bass Brook located approximately 2.25 miles downgradient of the site. To be more conservative, a 7Q10 value representing an area closer to the site was calculated by measuring the Piper Brook drainage area in the vicinity of the site versus the total drainage area of Piper Brook as a whole. This 7Q10 (0.896 cfs) was utilized in calculating the ASWPC.

By definition, plume-specific ASWPC supersede the default SWPC. The calculated ASWPC for arsenic has been included, where appropriate, in data tables presented in ensuing sections of this report. The ASWPC calculations for arsenic are included in Appendix B.

Due to the fact that 1) compliance with the I/C VC has been demonstrated beneath the existing on-site building, and 2) an ELUR will be placed on the property restricting new development over areas of impacted groundwater, the I/C VC will not apply to site groundwater. The downgradient property (located across Myrtle Street) has an ELUR in place restricting residential use and beyond that property are railroad tracks and Piper Brook (Figure 1). Therefore, compliance with the I/C VC should be sufficient to demonstrate that groundwater migrating off-site will not adversely impact any properties used for residential purposes. It will be necessary to obtain DEP approval to use the I/C VC at the downgradient site boundary.

### **3.4 Analytical Results**

#### ETPH

ETPH was detected in all eleven monitoring wells sampled this quarter at concentrations ranging from 0.093 milligrams per liter (mg/l) in monitoring well MW-4b to 1.8 mg/l in monitoring well MW-7. These concentrations are consistent with the results of previous sampling events. Currently, there are no established CT DEP RSR standards for ETPH in groundwater within GB-classified areas.

#### Arsenic

Arsenic was detected in monitoring wells MW-3, MW-8a and MW-8b during the March 2011 sampling event. The concentrations of total arsenic detected in these monitoring wells were relatively consistent with historical events and were below the ASWPC calculated for the arsenic plume in groundwater, except for the arsenic concentration in MW-8a which only slightly exceeded the ASWPC.

## VOCs

The VOC constituents vinyl chloride and 1,1-dichloroethylene were detected in downgradient monitoring well MW-4b at concentrations in excess of the current I/C VC. The concentration of vinyl chloride detected in MW-4b continues to decrease and is at the lowest concentration in this well since the December 2008 event. Vinyl chloride was also detected in monitoring well MW-7 at a concentration that exceeded the current I/C VC. Once the above mentioned ELUR is implemented at the site, however, the I/C VC will no longer apply to the site groundwater. The exceedances of the RSR criteria detected during the March 2011 sampling event are indicated on Figures 2 and 3.

VOCs detected in all other monitoring wells sampled were at concentrations below applicable criteria. VOCs detected in site groundwater included the following:

- Aromatic VOCs (benzene, isopropylbenzene, n-butylbenzene, sec-butylbenzene, tert-butylbenzene and/or n-propylbenzene) in monitoring wells MW-1, MW-2a, MW-2b and MW-3.
- Halogenated VOCs (1,1,1-trichloroethane, 1,1,2-trichlorotrifluoroethane, 1,1-dichloroethane, 1,1-dichloroethylene, chloroethane, chloroform, cis-1,2-dichloroethylene, tetrachloroethylene, trichloroethylene and/or vinyl chloride) and/or freons in all monitoring wells except MW-1.

## QA/QC

The groundwater samples were collected and handled in accordance with the site-specific monitoring program and HRP's standard operating procedures. The samples were stored on ice and transported under chain-of-custody protocols to Con-Test. The groundwater samples were analyzed and reported in accordance with Connecticut Laboratory Quality Assurance and Quality Control (QA/QC) Guidance - Reasonable Confidence Protocols (RCP), and as such any deviations from the RCP that may affect the usability of the data are documented in the laboratory reports. The laboratory analytical reports included QA/QC certification forms, narratives, analytical results and quality control report, as prescribed by the RCP.

The laboratory analytical report case narratives were also reviewed in accordance with the CT DEP Data Quality Assessment and Data Usability Evaluation (DQA/DUE). Several compounds were identified to be biased either high or low based on calibration or recovery bias; however none of these were constituents of concern at the site and these biases were found in less than 10% of the total list of compounds. Following a review of the case narratives, laboratory analytical results and the quality control report; the data quality is considered adequate to meet the data quality objectives for the site groundwater monitoring program.

The trip blank was analyzed for only VOCs while the duplicate sample (MW-7 DUP) was analyzed for the same parameters as the original MW-7 sample (VOCs and ETPH). Concentrations detected in the duplicate sample were similar to the concentrations detected in the original MW-7 sample. It should be noted that the detection limits in the sample from MW-7 were elevated due to a "foaming sample matrix". A comparison to the duplicate sample results, however, indicated that the accuracy of the results was not affected. VOCs were not detected above laboratory detection limits in the trip blank.

A summary of the analytical data is provided in Table 2 and the laboratory report is included as Appendix A.

### 3.5 Significant Environmental Hazard (SEH) Evaluation

The CT DEP's Significant Environmental Hazard Notification Program (Public Act 98-134, and CGS § 22a-6u) requires concentrations of VOCs greater than 30-times the volatilization criteria appropriate for the land-use within 15 feet beneath a building be reported by the property owner to the CT DEP. Based on the March 2011 groundwater results, a SEH does not exist at the site.

#### 4.0 CONCLUSIONS AND RECOMMENDATIONS

Depth to groundwater was measured in fifteen (15) monitoring wells (MW-1, MW-2a, MW-2b, MW-3, MW-4a, MW-4b, MW-5, MW-6, MW-7, MW-8a, MW-8b, RMW-3, RMW-15, RMW-17 and RMW-19) at the site and abutting property to the east, on March 8, 2011. Of these fifteen monitoring wells, eleven (MW-1, MW-2a, MW-2b, MW-3, MW-4a, MW-4b, MW-5, MW-7, MW-8a, MW-8b and RMW-15) were sampled via low-flow techniques for a variety of parameters including VOCs, ETPH, and arsenic. LNAPL was detected at a thickness of 0.03 feet in monitoring well MW-6 during this event. LNAPL gauging events will continue on a bi-monthly basis, with the next event scheduled for May 2011.

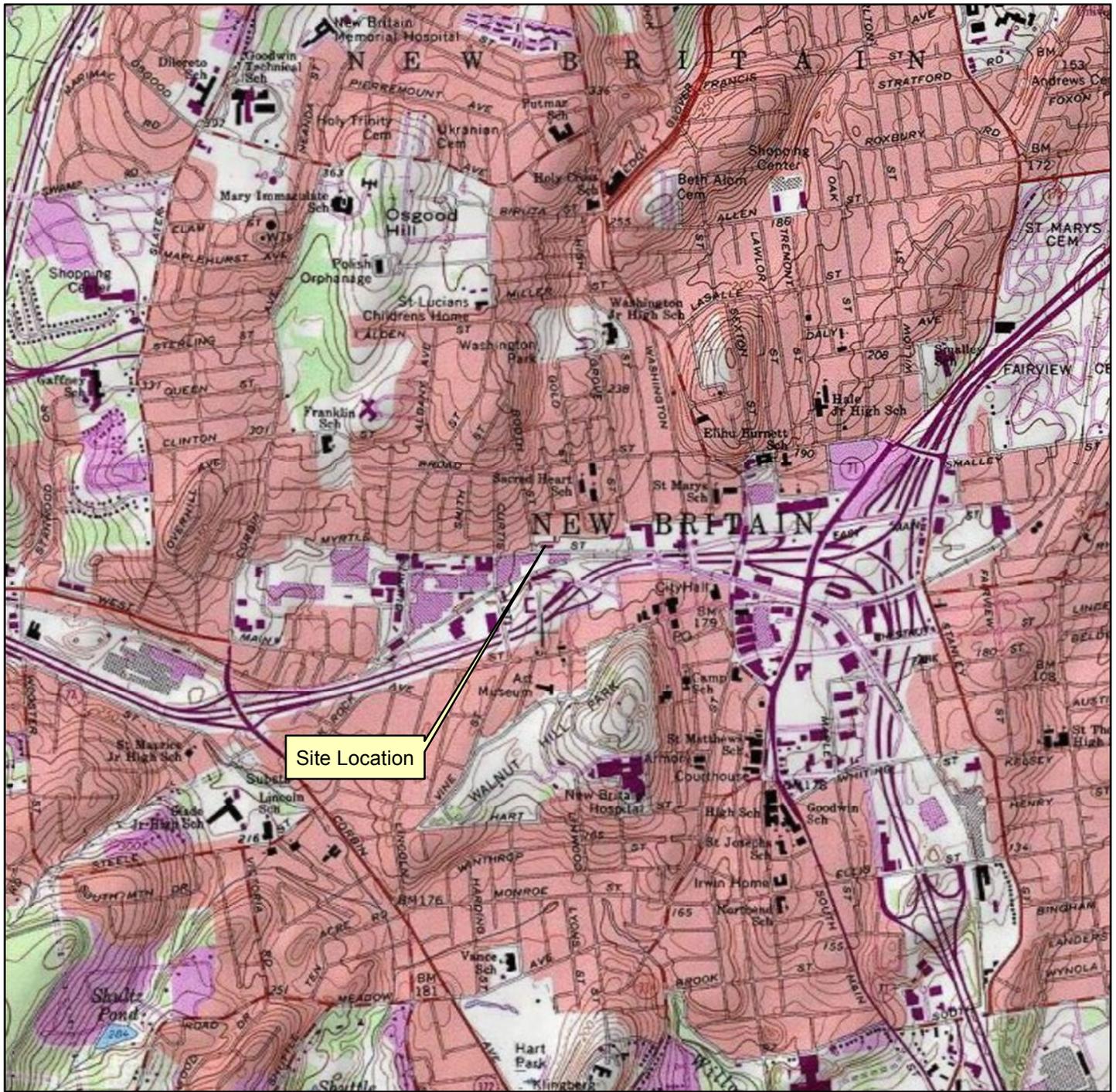
Groundwater flow across the site in the overburden/shallow bedrock and bedrock aquifers was to the south-southeast during the March 2011 sampling event, which is consistent with previous data.

During the March 2011 sampling event; ETPH and VOCs were detected in all of the monitoring wells sampled. Concentrations of vinyl chloride detected in MW-4b and MW-7 exceeded the current I/C VC, but are below the 2003 proposed I/C VC. Concentrations of 1,1-dichloroethylene detected in monitoring well MW-4b also exceeded the current I/C VC. Levels of these select VOCs continue to decrease over time. Concentrations of contaminants in downgradient monitoring wells (MW-2a, MW-2b, MW-3, MW-4a, MW-4b, MW-8a and MW-8b) all remain below the current Residential VC.

Total arsenic was detected in monitoring wells MW-3 and MW-8b at concentrations that were below the calculated ASWPC. Arsenic was also detected in monitoring well MW-8a at a concentration that only slightly exceeded the ASWPC. Overall, the arsenic concentrations detected in March 2011 were generally consistent with historical results and will continue to be analyzed during future monitoring events.

As previously indicated, the frequency of the groundwater sampling at the property is being reduced from quarterly to semi-annual, while the continued reductions in dissolved VOC concentrations in downgradient wells are being monitored. The next semi-annual sampling event is scheduled for September 2011.

**FIGURES**



Site Location



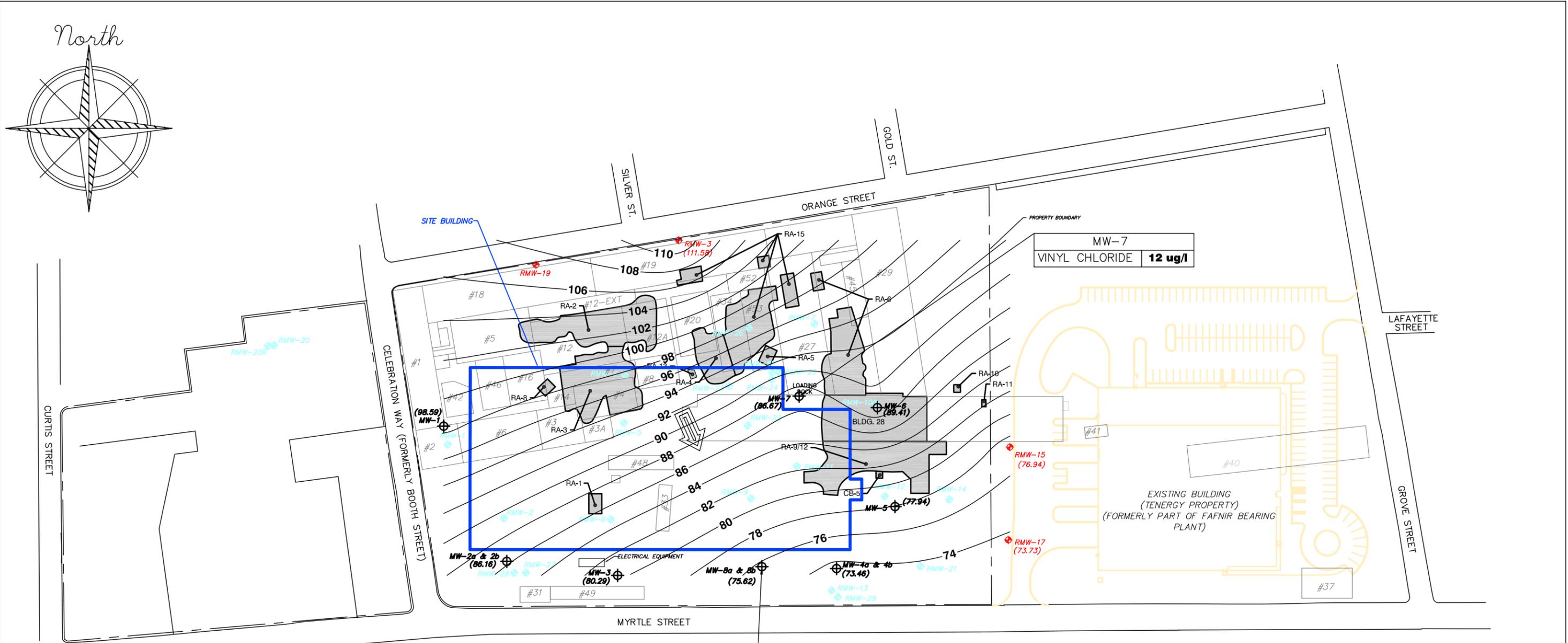
1 inch = 2,000 feet

**Figure 1**  
**Site Location**  
**Former Fafnir Bearing**  
**263 Myrtle Street**  
**(formerly 37 Booth Street)**  
**New Britain, Connecticut**  
**HRP # ING0077.GW**  
**Scale 1"=2,000'**

USGS Quadrangle ID 410723-F7  
 Name: New Britain, Connecticut  
 Date Revised: 1982  
 Date Published: 1985

USGS Quadrangle data Copyright: © 2009 National Geographic Society, i-cubedxt

**HRP** Associates, Inc.  
 Environmental/Civil Engineering & Hydrogeology  
 Creating the Right Solutions Together  
 Offices in CT, SC, NY, FL, MA, TX and IN  
 197 Scott Swamp Road  
 Farmington, Connecticut 06032  
 Ph: (860)674-9570 Fax: (860)674-9624  
 www.hrpassociates.com



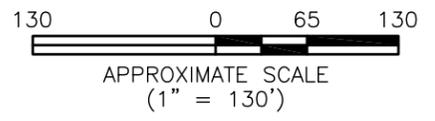
LEGEND

- ⊕ -EXISTING WELL TO BE USED FOR GROUNDWATER MONITORING
- ⊕ -MONITORING WELL REMOVED TO ACCOMMODATE SITE REDEVELOPMENT
- ⊕ -MONITORING WELL INSTALLED IN JANUARY/FEBRUARY 2008
- FORMER REMEDIATION AREAS
- #31 -FORMER BUILDING
- 108** -GROUNDWATER CONTOUR
- INFERRED DIRECTION OF GROUNDWATER FLOW
- TENERGY PROPERTY

NOTE: SHADED CONCENTRATIONS INDICATE AN EXCEEDANCE OF THE PROPOSED IC/VC OR THE ASWPC  
 BOLD CONCENTRATIONS INDICATE AN EXCEEDANCE OF THE CURRENT IC/VC OR THE SWPC  
 mg/l = MILLIGRAMS PER LITER  
 ug/l = MICROGRAMS PER LITER

MW-8a	ARSENIC	<b>0.011 ug/l</b>
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MW-7	VINYL CHLORIDE	<b>12 ug/l</b>
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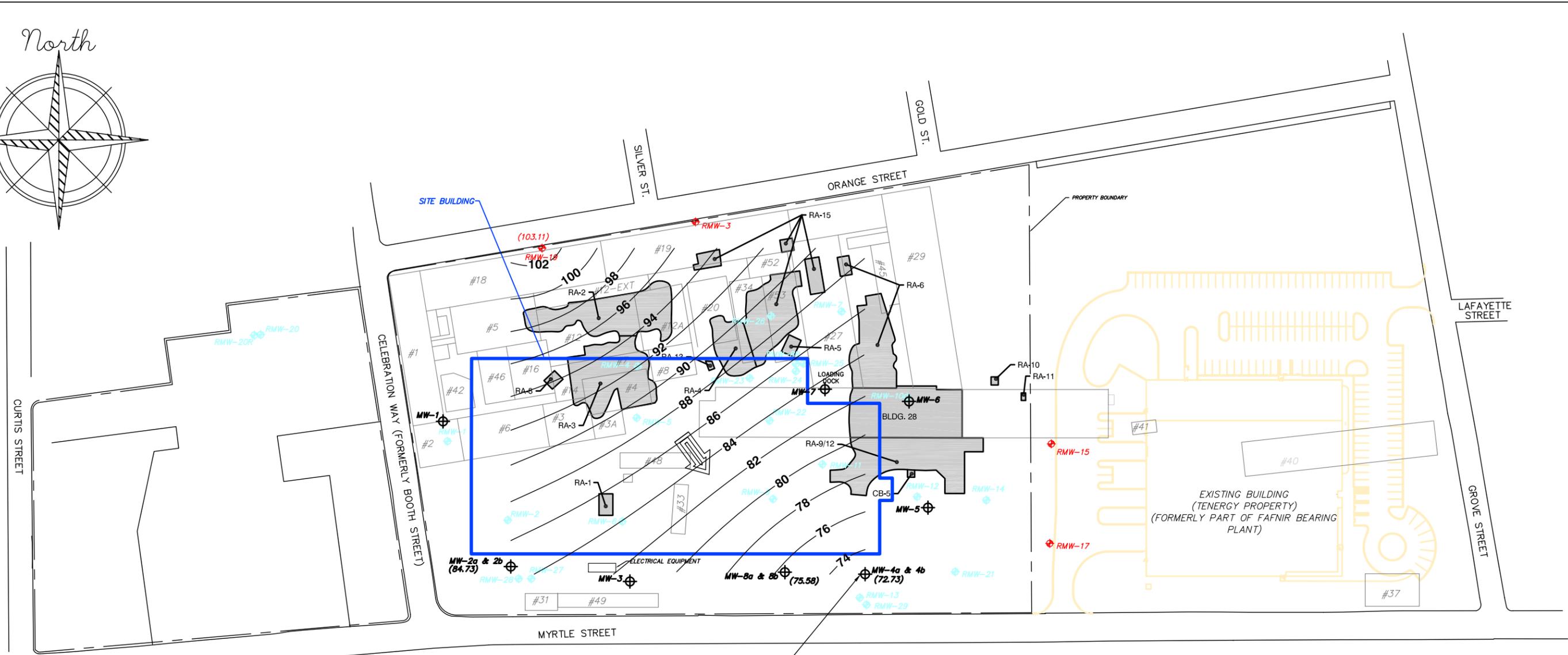
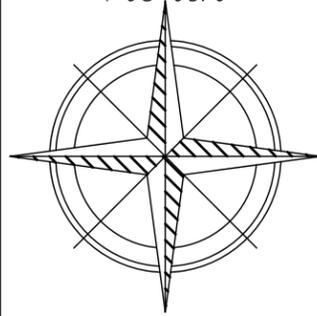


**FIGURE 2**  
**SITE PLAN WITH OVERBURDEN**  
**GROUNDWATER CONTOURS &**  
**EXCEEDANCES (MARCH 2011)**  
**FORMER FAFNIR BEARING**  
**NEW BRITAIN, CONNECTICUT**  
**HRP# ING0077.GW**  
**SCALE: 1" = 130'**

**HRP Associates, Inc.**  
 Environmental/Civil Engineering & Hydrogeology  
 Creating the Right Solutions Together  
 Offices in CT, SC, NY, FL, MA, TX and IN  
 197 Scott Swamp Road  
 Farmington, Connecticut 06032  
 Ph:(860)674-9570 Fax:(860)674-9624  
 www.hrpassociates.com

J:\INGER - INGERSOLL-RAND COMPANY\FORMER FAFNIR BEARING, 37 BOOTH STREET, NEW BRITAIN, CT\ING0077GW\CAD\MARCH\_2011 - OVERBURDEN CONTOURS.dwg, Layout2, 6/7/2011 2:47:05 PM

North



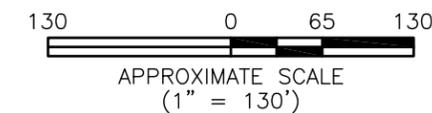
LEGEND

- EXISTING WELL TO BE USED FOR GROUNDWATER MONITORING
- MONITORING WELL REMOVED TO ACCOMODATE SITE REDEVELOPMENT
- MONITORING WELL INSTALLED IN JANUARY/FEBRUARY 2008
- FORMER REMEDIATION AREAS
- FORMER BUILDING
- 102 -GROUNDWATER CONTOUR
- INFERRED DIRECTION OF GROUNDWATER FLOW
- TENERGY PROPERTY

NOTE: SHADED CONCENTRATIONS INDICATE AN EXCEEDANCE OF THE PROPOSED IC/VC OR THE ASWPC  
 BOLD CONCENTRATIONS INDICATE AN EXCEEDANCE OF THE CURRENT IC/VC OR THE SWPC  
 mg/l = MILLIGRAMS PER LITER  
 ug/l = MICROGRAMS PER LITER

MW-4b	
VINYL CHLORIDE	<b>28 ug/l</b>
11 DICHLOROETHYLENE	<b>15 ug/l</b>

**FIGURE 3**  
**SITE PLAN WITH BEDROCK**  
**GROUNDWATER CONTOURS &**  
**EXCEEDANCES (MARCH 2011)**  
**FORMER FAFNIR BEARING**  
**NEW BRITAIN, CONNECTICUT**  
**HRP# ING0077.GW**  
**SCALE: 1" = 130'**



**HRP Associates, Inc.**  
 Environmental/Civil Engineering & Hydrogeology  
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\\hrpaccounting\data\INGEN - INGERSOLL-RAND COMPANY\FORMER FAFNIR BEARING, 37 BOOTH STREET, NEW BRITAIN, CT\ING0077GW\CAD\MARCH\_2011 - BEDROCK CONTOURS.dwg, Layout2, 4/12/2011 12:42:32 PM, Adobe PDF, Plot stamp

**TABLES**

**TABLE 1  
Monitoring Well Elevation and Gauging Data**

Former Torrington Company  
Fafnir Bearing Plant  
263 Myrtle Street  
(formerly 37 Booth Street)  
New Britain, CT

Monitoring Well	Well Construction	Casing Elevation (PVC)	Well Screen	Depth to Bedrock	Gauging Date	Depth to Water	Groundwater Elevation	Depth to LNAPL	LNAPL Thickness	Corrected Depth to Water
MW-1	Overburden/Bedrock	104.29	3-15'	12'	3/14/2008	4.72	99.57	-	-	-
					6/23/2008	5.7	99.57	-	-	-
					9/22/2008	5.29	99.00	-	-	-
					12/4/2008	5.09	99.20	-	-	-
					3/25/2009	5.09	99.20	-	-	-
					6/29/2009	5.92	98.37	-	-	-
					9/4/2009	5.57	98.72	-	-	-
					12/29/2009	5.05	99.24	-	-	-
					3/9/2010	4.94	99.35	-	-	-
					6/11/2010	5.70	98.59	-	-	-
					9/1/2010	6.24	98.05	-	-	-
					12/7/2010	5.89	98.40	-	-	-
					3/8/2011	4.48	99.81	-	-	-
MW-2a	Overburden/Bedrock	102.44	11.5-26.5'	24'	3/14/2008	14.53	87.91	-	-	-
					6/23/2008	16.12	86.32	-	-	-
					9/22/2008	16.05	86.39	-	-	-
					12/4/2008	15.33	87.11	-	-	-
					3/25/2009	15.27	87.17	-	-	-
					6/29/2009	14.74	87.70	-	-	-
					9/4/2009	15.54	86.90	-	-	-
					12/29/2009	14.49	87.95	-	-	-
					3/9/2010	14.81	87.63	-	-	-
					6/11/2010	16.28	86.16	-	-	-
					9/1/2010	16.48	85.96	-	-	-
					12/7/2010	15.82	86.62	-	-	-
					3/8/2011	13.99	88.45	-	-	-
MW-2b	Bedrock	102.30	30-40'	24'	3/14/2008	16.55	85.75	-	-	-
					6/23/2008	17.86	84.44	-	-	-
					9/22/2008	17.56	84.74	-	-	-
					12/4/2008	16.94	85.36	-	-	-
					3/25/2009	16.82	85.48	-	-	-
					6/29/2009	16.37	85.93	-	-	-
					9/4/2009	17.06	85.24	-	-	-
					12/29/2009	16.21	86.09	-	-	-
					3/9/2010	16.48	85.82	-	-	-
					6/11/2010	17.57	84.73	-	-	-
					9/1/2010	17.80	84.50	-	-	-
					12/7/2010	17.24	85.06	-	-	-
					3/8/2011	15.41	86.89	-	-	-
MW-3	Overburden/Bedrock	103.98	20.5-40.5'	35.5'	3/14/2008	23.06	80.92	-	-	-
					6/23/2008	25.14	78.84	-	-	-
					9/22/2008	24.05	79.93	-	-	-
					12/4/2008	23.86	80.12	-	-	-
					3/25/2009	25.11	78.87	-	-	-
					6/29/2009	24.77	79.21	-	-	-
					9/4/2009	25.11	78.87	-	-	-
					12/29/2009	24.52	79.46	-	-	-
					3/9/2010	24.78	79.20	-	-	-
					6/11/2010	23.69	80.29	-	-	-
					9/1/2010	25.17	78.81	-	-	-
					12/7/2010	25.06	78.92	-	-	-
					3/8/2011	23.69	80.29	-	-	-
MW-4a	Overburden/Bedrock	100.55	15-35'	30-35'	3/14/2008	23.45	77.10	-	-	-
					6/23/2008	25.16	75.39	-	-	-
					9/22/2008	25.11	75.44	-	-	-
					12/4/2008	24.79	75.76	-	-	-
					3/25/2009	25.02	75.53	-	-	-
					6/29/2009	24.43	76.12	-	-	-
					9/4/2009	24.80	75.75	-	-	-
					12/29/2009	25.99	74.56	-	-	-
					3/9/2010	26.51	74.04	-	-	-
					6/11/2010	27.09	73.46	-	-	-
					9/1/2010	26.91	73.64	-	-	-
					12/7/2010	26.37	74.18	-	-	-
					3/8/2011	23.69	76.86	-	-	-
MW-4b	Bedrock	100.405	41-51'	30-35'	3/14/2008	24.59	75.82	-	-	-
					6/23/2008	24.59	75.82	-	-	-
					9/22/2008	25.76	74.65	-	-	-
					12/4/2008	25.64	74.77	-	-	-
					3/25/2009	25.53	74.88	-	-	-
					6/29/2009	25.75	74.66	-	-	-
					9/4/2009	25.63	74.78	-	-	-
					12/29/2009	26.97	73.44	-	-	-
					3/9/2010	27.42	72.99	-	-	-
					6/11/2010	27.68	72.73	-	-	-
					9/1/2010	27.70	72.71	-	-	-
					12/7/2010	27.44	72.97	-	-	-
					3/8/2011	26.15	74.26	-	-	-

**TABLE 1**  
**Monitoring Well Elevation and Gauging Data**

Former Torrington Company  
Fafnir Bearing Plant  
263 Myrtle Street  
(formerly 37 Booth Street)  
New Britain, CT

Monitoring Well	Well Construction	Casing Elevation (PVC)	Well Screen	Depth to Bedrock	Gauging Date	Depth to Water	Groundwater Elevation	Depth to LNAPL	LNAPL Thickness	Corrected Depth to Water
MW-5	Overburden/Bedrock	97.72	6.5-26.5'	20.5'	3/14/2008	17.21	80.51	-	-	-
					6/23/2008	20.02	77.70	-	-	-
					9/22/2008	20.17	77.55	-	-	-
					12/4/2008	19.79	77.93	-	-	-
					3/25/2009	19.74	77.98	-	-	-
					6/29/2009	19.25	78.47	-	-	-
					9/4/2009	19.79	77.93	-	-	-
					12/29/2009	18.78	78.94	-	-	-
					3/9/2010	19.32	78.40	-	-	-
					6/11/2010	19.78	77.94	-	-	-
					9/1/2010	19.81	77.91	-	-	-
					12/7/2010	19.98	77.74	-	-	-
					3/8/2011	17.45	80.27	-	-	-
MW-6	Overburden/Bedrock	99.46	3-22'	20'	3/14/2008	9.48	89.98	9.41	0.07	9.42
					6/23/2008	10.18	89.28	-	-	-
					9/22/2008	10.37	89.09	10.10	0.27	10.14
					10/31/2008	10.17	89.29	10.15	0.02	10.15
					12/4/2008	10.07	89.39	10.05	0.02	10.05
					2/23/2009	10.11	89.35	10.02	0.09	10.03
					3/25/2009	10.12	89.34	10.08	0.04	10.09
					6/29/2009	9.91	89.55	Sheen	<0.01	9.91
					8/10/2009	9.91	89.55	9.94	0.03	9.88
					9/4/2009	9.75	89.71	9.73	0.02	9.73
					11/12/2009	10.02	89.44	9.98	0.04	9.99
					12/29/2009	9.64	89.82	-	-	-
					3/9/2010	9.70	89.76	9.67	0.03	9.67
					6/11/2010	10.05	89.41	9.97	0.08	9.98
					8/3/2010	10.02	89.44	9.98	0.04	9.99
					9/1/2010	9.94	89.52	9.91	0.03	9.91
					11/5/2010	9.82	89.64	9.79	0.03	9.79
					12/7/2010	9.91	89.55	9.88	0.03	9.88
					2/16/2011	9.62	89.84	9.58	0.04	9.59
					3/8/2011	9.08	90.38	9.05	0.03	9.05
5/5/2011	9.66	89.80	9.61	0.05	9.62					
MW-7	Overburden/Bedrock	100.42	5-20'	15'	3/14/2008	11.91	88.51	-	-	-
					6/23/2008	14.11	86.31	-	-	-
					9/22/2008	14.06	86.36	-	-	-
					12/4/2008	13.72	86.70	-	-	-
					3/25/2009	13.83	86.59	-	-	-
					6/29/2009	13.21	87.21	-	-	-
					9/4/2009	13.61	86.81	-	-	-
					12/29/2009	12.66	87.76	-	-	-
					3/9/2010	12.99	87.43	-	-	-
					6/11/2010	13.75	86.67	-	-	-
					9/1/2010	13.64	86.78	-	-	-
					12/7/2010	13.45	86.97	-	-	-
					3/8/2011	11.60	88.82	-	-	-
MW-8a	Overburden/Bedrock	103.27	17.5-37.5'	35'	3/14/2008	26.30	76.97	-	-	-
					6/23/2008	27.68	75.59	-	-	-
					9/22/2008	27.71	75.56	-	-	-
					12/4/2008	27.38	75.89	-	-	-
					3/25/2009	27.51	75.76	-	-	-
					6/29/2009	27.11	76.16	-	-	-
					9/4/2009	27.47	75.80	-	-	-
					12/29/2009	26.91	76.36	-	-	-
					3/9/2010	27.28	75.99	-	-	-
					6/11/2010	27.65	75.62	-	-	-
					9/1/2010	27.60	75.67	-	-	-
					12/7/2010	27.30	75.97	-	-	-
					3/8/2011	26.02	77.25	-	-	-
MW-8b	Bedrock	103.425	41-51'	35'	3/14/2008	26.47	76.96	-	-	-
					6/23/2008	27.86	75.57	-	-	-
					9/22/2008	27.87	75.56	-	-	-
					12/4/2008	27.56	75.87	-	-	-
					3/25/2009	27.70	75.73	-	-	-
					6/29/2009	27.31	76.12	-	-	-
					9/4/2009	27.67	75.76	-	-	-
					12/29/2009	27.10	76.33	-	-	-
					3/9/2010	27.37	76.06	-	-	-
					6/11/2010	27.85	75.58	-	-	-
					9/1/2010	27.82	75.61	-	-	-
					12/7/2010	27.51	75.92	-	-	-
					3/8/2011	26.25	77.18	-	-	-
RMW-3	Overburden/Bedrock	121.07	4-19'	16'	3/14/2008	10.14	110.93	-	-	-
					6/23/2008	NM	NM	-	-	-
					9/22/2008	12.26	108.81	-	-	-
					12/4/2008	11.66	109.41	-	-	-
					3/25/2009	16.12	104.95	-	-	-
					6/29/2009	11.46	109.61	-	-	-
					9/4/2009	9.39	111.68	-	-	-
					12/29/2009	9.21	111.86	-	-	-
					3/9/2010	8.80	112.27	-	-	-
					6/11/2010	9.49	111.58	-	-	-
					9/1/2010	9.30	111.77	-	-	-
					12/7/2010	9.16	111.91	-	-	-
					3/8/2011	7.87	113.20	-	-	-

**TABLE 1  
Monitoring Well Elevation and Gauging Data**

Former Torrington Company  
Fafnir Bearing Plant  
263 Myrtle Street  
(formerly 37 Booth Street)  
New Britain, CT

Monitoring Well	Well Construction	Casing Elevation (PVC)	Well Screen	Depth to Bedrock	Gauging Date	Depth to Water	Groundwater Elevation	Depth to LNAPL	LNAPL Thickness	Corrected Depth to Water
*RMW-15	Overburden/Bedrock	87.42	5-25'	8'	3/14/2008	5.01	82.41	-	-	-
					6/23/2008	11.30	76.12	-	-	-
					9/22/2008	10.91	76.51	-	-	-
					12/4/2008	8.08	79.34	-	-	-
					3/25/2009	10.82	76.60	-	-	-
					6/29/2009	7.89	79.53	-	-	-
					9/4/2009	10.70	76.72	-	-	-
					12/29/2009	5.60	81.82	-	-	-
					3/9/2010	8.44	78.98	-	-	-
					6/11/2010	10.48	76.94	-	-	-
					9/1/2010	10.97	76.45	-	-	-
					12/7/2010	8.71	78.71	-	-	-
					3/8/2011	4.25	83.17	-	-	-
*RMW-17	Overburden/Bedrock	87.82	5-25'	9'	3/14/2008	11.73	76.09	-	-	-
					6/23/2008	NM		-	-	-
					9/22/2008	14.26	73.56	-	-	-
					12/4/2008	13.82	74.00	-	-	-
					3/25/2009	14.22	73.60	-	-	-
					6/29/2009	13.48	74.34	-	-	-
					9/4/2009	14.13	73.69	-	-	-
					12/29/2009	11.97	75.85	-	-	-
					3/9/2010	13.45	74.37	-	-	-
					6/11/2010	14.09	73.73	-	-	-
					9/1/2010	14.17	73.65	-	-	-
					12/7/2010	13.67	74.15	-	-	-
					3/8/2011	8.47	79.35	-	-	-
RMW-19	Bedrock	121.24	11-26'	12'	4/25/2002	16.50	104.74	-	-	-
					8/1/2002	17.84	103.40	-	-	-
					7/22/2003	16.49	104.75	-	-	-
					3/14/2008	15.73	105.51	-	-	-
					6/23/2008	NM		-	-	-
					9/22/2008	15.51	105.73	-	-	-
					12/4/2008	16.00	105.24	-	-	-
					3/25/2009	11.54	109.70	-	-	-
					6/29/2009	15.99	105.25	-	-	-
					9/4/2009	17.03	104.21	-	-	-
					12/29/2009	15.62	105.62	-	-	-
					3/9/2010	15.17	106.07	-	-	-
					6/11/2010	18.13	103.11	-	-	-
9/1/2010	20.61	100.63	-	-	-					
12/7/2010	16.72	104.52	-	-	-					
3/8/2011	13.42	107.82	-	-	-					

**Notes:**

All measurements are in feet  
 MW-1 through MW-8 were installed in January/February 2008  
 RMW wells were installed prior to 2007/2008 site redevelopment  
 LNAPL = Light Non-Aqueous Phase Liquid  
 NM = Not measured  
 \* = Off-Site Well on Tenery Property  
 PVC = Polyvinyl Chloride  
 Corrected Depth to Water calculated:  
 CDTW = DTW - APT(specific gravity)  
 - APT = Apparent LNAPL thickness  
 - Specific gravity estimated to be 0.85

TABLE 2  
Summary of Groundwater Analytical Results

Former Torrington Company  
Fafnir Bearing Plant  
263 Myrtle Street  
(formerly 37 Booth Street)  
New Britain, CT

Sample ID	Sample Date	Metals				VOCs																			Other				
		Arsenic	Dissolved Arsenic (10 micron filter/0.45 micron filter)	Lead	Cadmium	1,1,1-Trichloroethane	1,1,2-Trichlorotrifluoroethane (Freon 113)	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane	Benzene	Chloroethane	Chloroform	1,1,2-Dichloroethylene	Dichlorodifluoromethane (Freon 12)	Isopropylbenzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	tert-Butylbenzene	Tetrachloroethylene	Trichloroethylene	Trichlorofluoromethane (Freon 11)		Vinyl chloride	ETPH		
	Units	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			
	SWPC	0.004	0.004	0.013	0.006	62000	NE	NE	96	96	530	45000	710	29000	62	11000	NE	6800	NE	21000	NE	20000	NE	810	67	4200	52	NE	
	ASWPC	0.0103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Current I/C VC	NE	NE	NE	NE	50000	NE	50000	6	90	530	45000	710	29000	62	11000	NE	6800	NE	21000	NE	20000	NE	810	67	4200	52	NE	
	Proposed I/C VC	NE	NE	NE	NE	16000	NE	41000	920	68	310	29000	62	11000	NE	6800	NE	21000	NE	20000	NE	810	67	4200	52	NE	NE	NE	NE
	Current Res VC	NE	NE	NE	NE	20400	NE	34600	1	21	215	1800	287	NE	NE	NE	NE	NE	NE	NE	NE	1500	219	1300	2	NE	NE	NE	
	Proposed Res VC	NE	NE	NE	NE	6500	220	3000	190	6.5	130	12000	26	830	93	2800	NE	1500	NE	1500	NE	340	27	1300	1.6	NE	NE	NE	NE
MW-1	3/14/2008	ND<0.0040	NA	ND<0.0075	NA	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<2	14.9	1.1	9.4	28.0	12.1	2.9	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2	
	6/24/2008	ND<0.0040	NA	ND<0.0075	NA	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<2	11.1	ND<1	6.9	20.4	9	2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	0.6	
	9/22/2008	ND<0.0040	NA	ND<0.0075	NA	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<2	10.2	ND<1	7.9	18.6	8.6	1.9	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2.4	
	12/4/2008	ND<0.0040	NA	ND<0.0075	NA	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<2	6.7	ND<1	6.0	12.1	6.1	3.6	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	0.5	
	3/25/2009	ND<0.0010	NA	ND<0.0025	NA	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	0.7	10	ND<5	6.2	15.7	7.1	2.1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.829	
	6/30/2009	ND<0.0020	NA	ND<0.0050	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.57	10	ND<7	6.8	18	7.9	1.7	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.78	
	9/4/2009	ND<0.0020	NA	ND<0.0050	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4	ND<3	ND<1	2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<2	0.74		
	12/29/2009	ND<0.0020	NA	ND<0.0050	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	9.8	ND<2	6.7	17	7.3	1.8	ND<1	ND<1	ND<2	ND<2	ND<2	0.82		
	3/9/2010	ND<0.0020	NA	ND<0.0050	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	10	ND<2	7.1	18	7.5	1.9	ND<1	ND<1	ND<2	ND<2	ND<2	0.75		
	6/11/2010	ND<0.0020	NA	ND<0.0050	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	8.6	ND<2	5.7	15	6.2	1.6	ND<1	ND<1	ND<2	ND<2	ND<2	0.93		
	9/1/2010	0.0021	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	7.4	ND<2	5.4	13	5.9	1.6	ND<1	ND<1	ND<2	ND<2	ND<1	0.91		
	12/7/2010	ND<0.0020	NA	NA	NA	ND<0.5	ND<0.5	0.63	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	5.9	2	3.7	8.8	4.6	1.4	ND<1	ND<1	ND<2	ND<2	ND<1	0.93		
	3/8/2011	ND<0.0020	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	12	ND<2	7.9	19	8.6	2.1	ND<1	ND<1	ND<2	ND<2	ND<1	0.8		
MW-2a	3/14/2008	ND<0.0040	NA	ND<0.0075	NA	ND<1	ND<1	ND<1	ND<1	ND<1	1.6	5.9	ND<1	ND<1	ND<2	29.8	ND<1	14.3	47	14.3	3.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	3	
	6/24/2008	ND<0.0040	NA	ND<0.0075	NA	ND<1	ND<1	ND<1	ND<1	ND<1	1.3	5.2	ND<1	ND<1	ND<2	32.8	ND<1	13.9	51.4	16.3	4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	0.7	
	9/22/2008	ND<0.0040	NA	ND<0.0075	NA	ND<1	ND<1	ND<1	ND<1	ND<1	1.1	ND<2	ND<1	ND<1	ND<2	29	ND<1	13.4	45.6	14.1	1.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2.6	
	12/4/2008	ND<0.0040	NA	ND<0.0075	NA	ND<1	ND<1	ND<1	ND<1	ND<1	1.2	6.8	ND<1	ND<1	ND<2	28.7	ND<1	12	37.6	11.8	4.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	1.3	
	3/25/2009	ND<0.0010	NA	ND<0.0025	NA	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2	5.1	ND<0.5	ND<0.5	2	34.6	ND<5	14	45.4	15.2	4.3	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.37	
	6/30/2009	ND<0.0020	NA	ND<0.0050	NA	ND<0.5	ND<0.5	0.53	ND<0.5	ND<0.5	1.1	5.3	ND<0.5	ND<0.5	ND<0.5	29	ND<7	14	44	14	3.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	1.4		
	9/4/2009	ND<0.0020	NA	ND<0.0050	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	5.3	ND<0.5	ND<0.5	2.6	30	ND<3	14	44	15	ND<1	ND<1	ND<1	ND<2	ND<2	ND<2	1.1		
	12/29/2009	ND<0.0020	NA	ND<0.0050	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.85	3.8	ND<0.5	ND<0.5	ND<0.5	26	ND<2	11	38	12	3.4	ND<1	ND<1	ND<2	ND<2	ND<2	1.2		
	3/9/2010	ND<0.0020	NA	ND<0.0050	NA	ND<0.5	ND<0.5	0.52	ND<0.5	ND<0.5	0.89	6.4	ND<0.5	ND<0.5	ND<0.5	27	ND<2	13	39	13	3.9	ND<1	ND<1	ND<2	ND<2	ND<2	0.93		
	6/11/2010	ND<0.0020	NA	ND<0.0050	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.74	3.4	ND<0.5	ND<0.5	ND<0.5	25	ND<2	11	36	12	3.8	ND<1	ND<1	ND<2	ND<2	ND<2	1.3		
	9/1/2010	ND<0.0020	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.61	4.6	ND<0.5	ND<0.5	ND<0.5	27	ND<2	13	40	13	3.8	ND<1	ND<1	ND<2	ND<2	ND<1	1.3		
	12/7/2010	NA	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.64	4.6	ND<0.5	ND<0.5	ND<0.5	22	2	8.6	30	9.3	2.7	ND<1	ND<1	ND<2	ND<2	ND<1	1.4		
	3/8/2011	NA	NA	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.66	ND<0.5	ND<0.5	ND<0.5	1	20	ND<2	7	26	7.9	2.9	ND<1	ND<1	ND<2	ND<2	ND<1	0.96		
MW-2b	3/14/2008	ND<0.0040	NA	ND<0.0075	NA	ND<1	ND<1	ND<1	ND<1	ND<1	1.2	5	ND<1	ND<1	ND<2	22.4	ND<1	13.7	30.3	13.6	4.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2.7	
	6/24/2008	ND<0.0040	NA	ND<0.0075	NA	ND<1	ND<1	ND<1	ND<1	ND<1	5.4	ND<1	ND<1	ND<2	24.3	ND<1	13.7	32.1	16.6	4.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.1		
	9/22/2008	ND<0.0040	NA	ND<0.0075	NA	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<2	19.2	ND<1	13.1	25.6	13.3	4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2	
	12/4/2008	ND<0.0040	NA	ND<0.0075	NA	ND<1	ND<1	ND<1	ND<1	ND<1	7.7	ND<1	ND<1	ND<2	17	ND<1	12.4	21.1	11.4	5.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	0.9		
	3/25/2009	ND<0.0010	NA	ND<0.0025	NA	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.7	ND<1	ND<0.5	ND<0.5	1.6	25.9	ND<5	15.6	29.9	16.1	5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.14	
	6/30/2009	ND<0.0020	NA	ND<0.0050	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4.5	ND<0.5	ND<0.5	ND<0.5	16	ND<7	10	21	10	3	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	1.1		
	9/4/2009	ND<0.0020	NA	ND<0.0050	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4.4	ND<0.5	ND<0.5	ND<0.5	2.2	21	ND<3	16	28	16	ND<1	ND<1	ND<1	ND<2	ND<2	ND<2	1		
	12/29/2009	ND<0.0020	NA	ND<0.0050	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4.4	ND<0.5	ND<0.5	ND<0.5	22	ND<2	16	30	15	4.8	ND<1	ND<1	ND<2	ND<2	ND<2	ND<2	1		
	3/9/2010	ND<0.0020	NA	ND<0.0050	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4.6	ND&lt																	

TABLE 2  
Summary of Groundwater Analytical Results

Former Torrington Company  
Fafnir Bearing Plant  
263 Myrtle Street  
(formerly 37 Booth Street)  
New Britain, CT

Sample ID	Sample Date	Metals				VOCs																		Other						
		Arsenic	Dissolved Arsenic (10 micron filter/0.45 micron filter)	Lead	Cadmium	1,1,1-Trichloroethane	1,1,2-Trichlorotrifluoroethane (Freon 113)	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane	Benzene	Chloroethane	Chloroform	1,1,2-Dichloroethylene	Dichlorodifluoromethane (Freon 12)	Isopropylbenzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	tert-Butylbenzene	Tetrachloroethylene	Trichloroethylene		Trichlorofluoromethane (Freon 11)	Vinyl chloride	ETPH			
	Units	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				
	SWPC	0.004	0.004	0.013	0.006	62000	NE	NE	96	96	530	45000	710	29000	62	11000	NE	6800	NE	21000	NE	20000	NE	810	67	4200	2	NE		
	ASWPC	0.0103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Current I/C VC	NE	NE	NE	NE	50000	NE	50000	6	90	530	45000	710	29000	62	11000	NE	6800	NE	21000	NE	20000	NE	810	67	4200	2	NE		
	Proposed I/C VC	NE	NE	NE	NE	16000	NE	41000	920	68	310	29000	62	11000	NE	6800	NE	21000	NE	20000	NE	810	67	4200	2	NE	2	NE	NE	
	Current Res VC	NE	NE	NE	NE	20400	NE	34600	1	21	215	1800	287	NE	NE	NE	NE	NE	NE	NE	NE	1500	219	NE	2	NE	2	NE	NE	
	Proposed Res VC	NE	NE	NE	NE	6500	220	3000	190	6.5	130	12000	26	830	93	2800	NE	1500	NE	1500	NE	340	27	1300	1.6	NE	1.6	NE	NE	NE
MW-4a	3/14/2008	ND<0.0040	NA	ND<0.0075	ND<0.0025	21.4	ND<1	2.4	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.1	
	6/23/2008	ND<0.0040	NA	ND<0.0075	ND<0.0025	600	ND<5	244	21.2	ND<5	ND<5	17.7	ND<5	87.4	ND<10	5.2	ND<5	ND<5	6.8	ND<5	ND<5	5	ND<5	ND<5	192	0.7	NA	0.7	0.7	
	7/18/2008*	NA	NA	NA	NA	507	ND<10	201	18.1	ND<10	ND<10	ND<10	ND<10	54.2	ND<20	ND<10	ND<10	18	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	202	NA	NA	NA	NA	
	9/22/2008	ND<0.0040	NA	ND<0.0075	ND<0.0025	497	ND<5	152	13.2	ND<5	ND<5	ND<15	ND<5	58	ND<10	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	197	1.5	1.5	1.5	
	12/4/2008	ND<0.0040	NA	ND<0.0075	ND<0.0025	119	2	64.8	3.2	ND<1	ND<1	6.4	ND<1	15.5	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	86.2	ND<0.1	ND<0.1	ND<0.1	
	3/25/2009	0.00104	NA	ND<0.0025	ND<0.00125	366	16.6	186	4.9	0.6	ND<0.5	21.4	ND<0.5	25.9	ND<0.5	2.9	ND<5	ND<1	3.4	0.8	ND<0.5	3.9	1.9	ND<0.5	205	0.774	0.774	0.774	0.774	
	6/29/2009	ND<0.0020	NA	ND<0.0050	ND<0.0025	11	ND<0.5	3.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<3	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.26	0.26	0.26	
	9/4/2009	ND<0.0020	NA	ND<0.0050	ND<0.0025	7.8	ND<0.5	2.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.3	ND<0.5	ND<3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	0.19	0.19	0.19	0.19	
	12/29/2009	ND<0.0020	NA	ND<0.0050	ND<0.0025	7.1	ND<0.5	3.1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	0.32	0.32	0.32	0.32	
	3/9/2010	ND<0.0020	NA	ND<0.0050	ND<0.0025	7.3	ND<0.5	3.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	0.28	0.28	0.28	0.28	
	6/11/2010	ND<0.0020	NA	ND<0.0050	ND<0.0025	5.9	0.55	13	ND<0.5	ND<0.5	ND<0.5	1.5	ND<0.5	ND<0.5	1.9	ND<0.5	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	7.7	0.31	0.31	0.31	
	9/1/2010	ND<0.0020	NA	ND<0.0050	ND<0.0025	6.2	ND<0.5	2.3	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.66	ND<0.5	ND<0.5	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	0.22	0.22	0.22	
	12/7/2010	NA	NA	NA	NA	7	ND<0.5	3.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	0.3	0.3	0.3	
	3/8/2011	NA	NA	NA	NA	6.6	ND<0.5	3.9	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4.9	ND<0.5	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	0.45	0.45	0.45	
MW-4b	3/14/2008	0.007	NA	ND<0.0075	ND<0.0025	131	4.8	28.7	16.1	ND<1	ND<1	ND<2	1.5	40.3	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	3.1	1.4	ND<1	9	ND<0.1	
	6/23/2008	ND<0.0040	NA	ND<0.0075	ND<0.0025	171	ND<1	41.8	18.7	ND<1	ND<1	ND<2	1.2	41	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	4.4	2	ND<1	13	ND<0.1	
	9/22/2008	0.0058	NA	ND<0.0075	ND<0.0025	250	9.2	65.5	16.3	ND<1	ND<1	ND<2	1.4	49.8	ND<10	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	5.6	ND<1	ND<1	3.1	ND<0.1	
	12/4/2008	0.0046	NA	ND<0.0075	ND<0.0025	317	10.6	91.6	19	ND<5	ND<5	ND<5	ND<5	63	ND<10	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	7.1	ND<5	ND<5	92.6	ND<0.1		
	3/25/2009	0.00222	NA	ND<0.0025	ND<0.00125	222	11	80.6	15.7	ND<0.5	ND<0.5	4.6	0.9	53.1	ND<0.5	ND<1	ND<5	ND<1	ND<0.5	0.7	ND<0.5	6.7	2.6	ND<0.5	68.6	0.139	0.139	0.139	0.139	
	6/29/2009	ND<0.0020	NA	ND<0.0050	ND<0.0025	280	16	94	22	ND<1	ND<1	8.4	1.3	61	ND<0.5	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	9.4	3.3	ND<1	68	0.21	
	9/4/2009	0.0026	NA	ND<0.0050	ND<0.0025	250	13	120	17	ND<5	ND<5	11	16	59	ND<5	ND<30	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	8.4	2.7	ND<20	79	0.083	
	12/29/2009	ND<0.0020	NA	ND<0.0050	ND<0.0025	230	12	92	16	ND<5	ND<5	5.3	ND<5	41	ND<5	ND<20	ND<10	ND<10	ND<10	NE<10	ND<10	ND<10	ND<10	ND<10	ND<20	78	0.23	0.23	0.23	
	3/9/2010	0.003	NA	ND<0.0050	ND<0.0025	190	10	86	17	ND<0.5	ND<0.5	2.8	1.1	36	ND<0.5	ND<0.5	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	6.9	2.6	ND<2	56	ND<0.075	
	6/11/2010	0.0026	0.003/0.0032	ND<0.0050	ND<0.0025	250	12	120	11	ND<0.5	ND<0.5	5.9	20	31	ND<0.5	ND<0.5	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	6.6	2.2	ND<2	66	0.15	
	9/1/2010	0.0027	NA	NA	NA	200	10	110	ND<2.5	ND<2.5	ND<2.5	7.6	ND<2.5	23	ND<2.5	ND<2.5	ND<10	ND<5	ND<5	ND<5	ND<5	5.7	ND<5	ND<10	83	0.17	0.17	0.17		
	12/7/2010	NA	NA	NA	NA	130	7.7	95	12	ND<1	ND<1	3.6	1.4	21	ND<10	ND<1	ND<4	ND<2	ND<2	ND<2	ND<2	5	2.3	ND<4	45	0.13	0.13	0.13	0.13	
	3/8/2011	NA	NA	NA	NA	110	9.2	94	15	ND<0.5	ND<0.5	3.6	1.8	22	ND<0.5	ND<0.5	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	7.2	2.7	ND<2	28	0.093	
	MW-5	3/14/2008	ND<0.0040	NA	ND<0.0075	ND<0.0025	10.1	1.7	8.1	ND<1	ND<1	ND<1	ND<2	ND<1	2.8	ND<2	ND<1	1.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.1
6/23/2008		ND<0.0040	NA	ND<0.0075	ND<0.0025	6.2	ND<1	11.5	ND<1	ND<1	ND<1	ND<2	ND<1	1.4	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.1	
9/22/2008		ND<0.0040	NA	ND<0.0075	ND<0.0025	2.9	ND<1	9.3	ND<1	ND<1	ND<1	ND<2	ND<1	1.8	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	1.1	
12/5/2008		ND<0.0040	NA	ND<0.0075	ND<0.0025	2.5	ND<1	12	ND<1	ND<1	ND<1	ND<2	ND<1	2.1	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.1	
3/25/2009		ND<0.0010	NA	ND<0.0025	ND<0.00125	3.9	ND<0.5	11.6	ND<0.5	ND<0.5	ND<0.5	1.1	ND<0.5	1.6	ND<0.5	ND<1	ND<5	ND<1	ND<0.5	ND<0.5	ND<0.5	0.8	ND<0.5	ND<0.5	0.6	0.336	0.336	0.336		
6/30/2009		ND<0.0020	NA	ND<0.0050	ND<0.0025	5.1	1.2	16	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.9	ND&lt															



**TABLE 2  
Summary of Groundwater Analytical Results**

Former Torrington Company  
Fafnir Bearing Plant  
263 Myrtle Street  
(formerly 37 Booth Street)  
New Britain, CT

Sample ID	Sample Date	Metals				VOCs																		Other			
		Arsenic	Dissolved Arsenic (10 micron filter/0.45 micron filter)	Lead	Cadmium	1,1,1-Trichloroethane	1,1,2-Trichlorotrifluoroethane (Freon 113)	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dichloroethane	Benzene	Chloroethane	Chloroform	cis-1,2-Dichloroethylene	Dichlorodifluoromethane (Freon 12)	Isopropylbenzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	tert-Butylbenzene	Tetrachloroethylene	Trichloroethylene		Trichlorofluoromethane (Freon 11)	Vinyl chloride	ETPH
<b>Units</b>		mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
<b>SWPC</b>		0.004	0.004	0.013	0.006	62000	NE	NE	96	96	710	NE	14100	NE	NE	NE	NE	NE	NE	NE	NE	88	2340	NE	15750	NE	
<b>ASWPC</b>		0.0103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Current I/C VC</b>		NE	NE	NE	NE	50000	NE	50000	6	90	530	45000	710	900	NE	NE	NE	NE	NE	NE	NE	3820	540	NE	2	NE	
<b>Proposed I/C VC</b>		NE	NE	NE	NE	16000	NE	41000	920	68	310	29000	62	11000	NE	6800	NE	21000	NE	20000	NE	810	67	4200	52	NE	
<b>Current Res VC</b>		NE	NE	NE	NE	20400	NE	34600	1	21	215	1800	287	NE	NE	NE	NE	NE	NE	NE	NE	1500	219	NE	2	NE	
<b>Proposed Res VC</b>		NE	NE	NE	NE	6500	220	3000	190	6.5	130	12000	26	830	93	2800	NE	1500	NE	1500	NE	340	27	1300	1.6	NE	
<b>RMW-15</b>	3/14/2008	ND<0.0040	NA	ND<0.0075	NA	15.5	1.6	3.3	ND<1	ND<1	ND<1	ND<2	1.5	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	1.4	ND<1	ND<0.1
	6/23/2008	ND<0.0040	NA	ND<0.0075	NA	11	ND<1	4.2	ND<1	ND<1	ND<1	ND<2	2.6	1.4	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.1
	9/22/2008	ND<0.0040	NA	ND<0.0075	NA	8.8	ND<1	3	ND<1	ND<1	ND<1	ND<2	4	2	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.1
	12/4/2008	ND<0.0040	NA	ND<0.0075	NA	5.8	ND<1	5.6	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.1
	3/25/2009	ND<0.0010	NA	ND<0.0025	NA	10	0.7	4.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2	1.9	ND<0.5	ND<1	ND<5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.8	ND<0.5	ND<0.5	ND<0.5	0.127
	6/30/2009	ND<0.0020	NA	ND<0.0050	NA	11	ND<0.5	6.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2	ND<0.5	ND<0.5	ND<7	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.22
	9/4/2009	ND<0.0020	NA	ND<0.0050	NA	14	ND<0.5	4.9	0.7	ND<0.5	ND<0.5	ND<0.5	2.3	ND<0.5	2.8	ND<0.5	ND<0.5	ND<3	ND<1	ND<1	ND<1	ND<1	1.2	ND<1	ND<2	ND<2	ND<0.075
	12/29/2009	ND<0.0020	NA	ND<0.0050	NA	7.2	ND<0.5	3.7	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.89	1.4	ND<0.5	ND<0.5	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<2	0.17
	3/10/2010	ND<0.0020	NA	ND<0.0050	NA	13	ND<0.5	8	0.61	ND<0.5	ND<0.5	ND<0.5	1.2	2.4	ND<0.5	ND<0.5	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<2	ND<0.075
	6/11/2010	ND<0.0020	NA	ND<0.0050	NA	14	0.61	4.7	0.64	ND<0.5	ND<0.5	ND<0.5	2.3	2.5	ND<0.5	ND<0.5	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<2	0.076
	9/1/2010	ND<0.0020	NA	NA	NA	14	0.58	3.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	5	3.5	ND<0.5	ND<0.5	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	0.086
	12/7/2010	NA	NA	NA	NA	8.4	ND<0.5	5.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.4	1.8	ND<0.5	ND<0.5	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	0.15
	3/8/2011	NA	NA	NA	NA	5.2	ND<0.5	2.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.71	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	0.34

**Notes:**

Shaded and bold cells indicate an exceedance of the 2003 proposed I/C VC and/or the ASWPC (where applicable)

**Bold** cells indicate an exceedance of the current 1996 promulgated I/C VC and/or the SWPC

SWPC = Surface Water Protection Criteria

ASWPC = Alternative Surface Water Protection Criteria

I/C VC = Industrial/Commercial Volatilization Criteria

ug/l = micrograms per liter

mg/l = milligrams per liter

VOCs = volatile organic compounds

ETPH = extractable total petroleum hydrocarbons

NA = not analyzed

NE = criteria not established

ND<# = not detected above given laboratory detection limit

NS = not sampled

\* Due to the high concentration of vinyl chloride during the June 2008 sampling event, monitoring well MW-4A was resampled for VOCs only on 7/18/2008

Trans-1,2-Dichloroethylene was detected in MW-4a at a concentration of 0.6 ug/l during the March 2009 sampling event

1,4-Dichlorobenzene was detected in MW-4A at a concentration of 30 ug/l during the June 2009 sampling event.

1,2,4-Trimethylbenzene was detected in MW-2B at a concentration of 0.73 ug/l during the September 2009 sampling event.

Bromodichloromethane was detected in MW-4B at a concentration of 18 ug/l during the September 2009 sampling event.

Acetone was detected in MW-7Dup at a concentration of 5.2 ug/l during the March 2011 sampling event.

**APPENDIX A**  
**LABORATORY ANALYTICAL REPORTS**

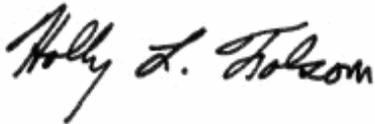
March 16, 2011

Scot Kuhn  
HRP Associates, Inc. (Private)  
197 Scott Swamp Road  
Farmington, CT 06032

Project Location: 263 Myrtle St., IR New Britain  
Client Job Number:  
Project Number: ING0077.GW T-1  
Laboratory Work Order Number: 11C0249

Enclosed are results of analyses for samples received by the laboratory on March 9, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Holly L. Folsom". The signature is written in a cursive, flowing style.

Holly L. Folsom  
Project Manager

HRP Associates, Inc. (Private)  
 197 Scott Swamp Road  
 Farmington, CT 06032  
 ATTN: Scot Kuhn

REPORT DATE: 3/16/2011

PURCHASE ORDER NUMBER: S-CT-01131

PROJECT NUMBER: ING0077.GW T-1

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 11C0249

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

PROJECT LOCATION: 263 Myrtle St., IR New Britain

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-1	11C0249-01	Ground Water	Monitor Well	CTDEP ETPH SW-846 6020A SW-846 8260B	
MW-2a	11C0249-02	Ground Water	Monitor Well	CTDEP ETPH SW-846 8260B	
MW-2b	11C0249-03	Ground Water	Monitor Well	CTDEP ETPH SW-846 8260B	
MW-3	11C0249-04	Ground Water	Monitor Well	CTDEP ETPH SW-846 6020A SW-846 8260B	
MW-4a	11C0249-05	Ground Water	Monitor Well	CTDEP ETPH SW-846 8260B	
MW-4b	11C0249-06	Ground Water	Monitor Well	CTDEP ETPH SW-846 8260B	
MW-5	11C0249-07	Ground Water	Monitor Well	CTDEP ETPH SW-846 8260B	
MW-7	11C0249-08	Ground Water	Monitor Well	CTDEP ETPH SW-846 8260B	
MW-8a	11C0249-09	Ground Water	Monitor Well	CTDEP ETPH SW-846 6020A SW-846 8260B	
MW-8b	11C0249-10	Ground Water	Monitor Well	CTDEP ETPH SW-846 6020A SW-846 8260B	
RMW-15	11C0249-11	Ground Water	Monitor Well	CTDEP ETPH SW-846 8260B	
MW-7 DUP	11C0249-12	Ground Water	Monitor Well	CTDEP ETPH SW-846 8260B	
TB	11C0249-13	Trip Blank Water	Monitor Well	SW-846 8260B	

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.  
For method 6020, only arsenic results were requested and reported.

**SW-846 8260B**

**Qualifications:**

---

Elevated detection limits for all volatile compounds due to foaming sample matrix.

**Analyte & Samples(s) Qualified:**

11C0249-08[MW-7]

---

Laboratory fortified blank /laboratory control sample 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.

**Analyte & Samples(s) Qualified:**

**Dichlorodifluoromethane (Freon 12)**

B027125-BS1

---

Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.

**Analyte & Samples(s) Qualified:**

**1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Naphthalene**

11C0249-04[MW-3], 11C0249-05[MW-4a], 11C0249-06[MW-4b], B027051-BLK1, B027051-BS1, 11C0249-01[MW-1], 11C0249-02[MW-2a], 11C0249-03[MW-2b], 11C0249-07[MW-5], 11C0249-08[MW-7], 11C0249-09[MW-8a], 11C0249-10[MW-8b], 11C0249-11[RMW-15], 11C0249-12[MW-7 DUP], 11C0249-13[TB], B027125-BLK1, B027125-BS1

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**SW-846 8260B**

All water reporting limits specified on the chain-of-custody were met except for Acrylonitrile, where the most protective criteria are not met since the laboratory cannot achieve the required RCP calibration criteria at these levels, unless otherwise listed in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

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.



Daren J. Damboragian  
Laboratory Manager

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-1

Sampled: 3/8/2011 13:22

Sample ID: 11C0249-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Bromomethane	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
n-Butylbenzene	7.9	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
sec-Butylbenzene	8.6	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
tert-Butylbenzene	2.1	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Chloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Isopropylbenzene (Cumene)	12	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-1

Sampled: 3/8/2011 13:22

Sample ID: 11C0249-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Naphthalene	ND	2.0	µg/L	1	L-03	SW-846 8260B	3/10/11	3/11/11 12:14	MFF
n-Propylbenzene	19	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Trichloroethylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:14	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	104	70-130	3/11/11 12:14
Toluene-d8	100	70-130	3/11/11 12:14
4-Bromofluorobenzene	103	70-130	3/11/11 12:14

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Sampled: 3/8/2011 13:22

Field Sample #: MW-1

Sample ID: 11C0249-01

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.80	0.075	mg/L	1		CTDEP ETPH	3/11/11	3/14/11 12:47	PJG
Surrogates	% Recovery		Recovery Limits		Flag				
o-Terphenyl	89.5		50-150					3/14/11 12:47	

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-1

Sampled: 3/8/2011 13:22

Sample ID: 11C0249-01

Sample Matrix: Ground Water

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	3/10/11	3/10/11 17:04	KSH

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-2a

Sampled: 3/8/2011 13:21

Sample ID: 11C0249-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Benzene	0.66	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Bromomethane	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
n-Butylbenzene	7.0	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
sec-Butylbenzene	7.9	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
tert-Butylbenzene	2.9	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Chloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Dichlorodifluoromethane (Freon 12)	1.0	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Isopropylbenzene (Cumene)	20	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-2a

Sampled: 3/8/2011 13:21

Sample ID: 11C0249-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Naphthalene	ND	2.0	µg/L	1	L-03	SW-846 8260B	3/10/11	3/11/11 12:45	MFF
n-Propylbenzene	26	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Trichloroethylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 12:45	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	98.7	70-130	
Toluene-d8	97.9	70-130	
4-Bromofluorobenzene	105	70-130	

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-2a

Sampled: 3/8/2011 13:21

Sample ID: 11C0249-02

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.96	0.075	mg/L	1		CTDEP ETPH	3/11/11	3/14/11 13:05	PJG
Surrogates	% Recovery		Recovery Limits		Flag				
o-Terphenyl	98.0		50-150					3/14/11 13:05	

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-2b

Sampled: 3/8/2011 13:56

Sample ID: 11C0249-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Bromomethane	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
n-Butylbenzene	15	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
sec-Butylbenzene	15	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
tert-Butylbenzene	4.5	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Chloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Dichlorodifluoromethane (Freon 12)	0.71	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Isopropylbenzene (Cumene)	20	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-2b

Sampled: 3/8/2011 13:56

Sample ID: 11C0249-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Naphthalene	ND	2.0	µg/L	1	L-03	SW-846 8260B	3/10/11	3/11/11 13:15	MFF
n-Propylbenzene	25	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Trichloroethylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:15	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	97.2	70-130	3/11/11 13:15
Toluene-d8	99.4	70-130	3/11/11 13:15
4-Bromofluorobenzene	104	70-130	3/11/11 13:15

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-2b

Sampled: 3/8/2011 13:56

Sample ID: 11C0249-03

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.98	0.075	mg/L	1		CTDEP ETPH	3/11/11	3/14/11 13:23	PJG
Surrogates	% Recovery		Recovery Limits		Flag				
o-Terphenyl	95.6		50-150					3/14/11 13:23	

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-3

Sampled: 3/8/2011 12:27

Sample ID: 11C0249-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Benzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Bromomethane	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
tert-Butylbenzene	1.4	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Chloroethane	2.2	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Chloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Dichlorodifluoromethane (Freon 12)	0.94	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,1-Dichloroethane	2.2	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-3

Sampled: 3/8/2011 12:27

Sample ID: 11C0249-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Naphthalene	ND	2.0	µg/L	1	L-03	SW-846 8260B	3/10/11	3/10/11 15:46	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	L-03	SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	L-03	SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Trichloroethylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 15:46	TJR

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	97.8	70-130	
Toluene-d8	99.0	70-130	
4-Bromofluorobenzene	100	70-130	

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Sampled: 3/8/2011 12:27

Field Sample #: MW-3

Sample ID: 11C0249-04

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.89	0.075	mg/L	1		CTDEP ETPH	3/11/11	3/14/11 13:41	PJG
Surrogates	% Recovery		Recovery Limits		Flag				
o-Terphenyl	96.6		50-150					3/14/11 13:41	

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Sampled: 3/8/2011 12:27

Field Sample #: MW-3

Sample ID: 11C0249-04

Sample Matrix: Ground Water

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	9.4	2.0	µg/L	5		SW-846 6020A	3/10/11	3/10/11 16:36	KSH

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-4a

Sampled: 3/8/2011 09:58

Sample ID: 11C0249-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Benzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Bromomethane	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Chloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Dichlorodifluoromethane (Freon 12)	4.9	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,1-Dichloroethane	3.9	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-4a

Sampled: 3/8/2011 09:58

Sample ID: 11C0249-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Naphthalene	ND	2.0	µg/L	1	L-03	SW-846 8260B	3/10/11	3/10/11 16:16	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	L-03	SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	L-03	SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,1,1-Trichloroethane	6.6	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Trichloroethylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:16	TJR

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	94.8	70-130	3/10/11 16:16
Toluene-d8	97.0	70-130	3/10/11 16:16
4-Bromofluorobenzene	96.8	70-130	3/10/11 16:16

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-4a

Sampled: 3/8/2011 09:58

Sample ID: 11C0249-05

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.45	0.075	mg/L	1		CTDEP ETPH	3/11/11	3/14/11 13:59	PJG
Surrogates	% Recovery		Recovery Limits		Flag				
o-Terphenyl	95.1		50-150					3/14/11 13:59	

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-4b

Sampled: 3/8/2011 09:23

Sample ID: 11C0249-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Benzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Bromomethane	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Chloroethane	3.6	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Chloroform	1.8	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Chloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,1-Dichloroethane	94	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,1-Dichloroethylene	15	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
cis-1,2-Dichloroethylene	22	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-4b

Sampled: 3/8/2011 09:23

Sample ID: 11C0249-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Naphthalene	ND	2.0	µg/L	1	L-03	SW-846 8260B	3/10/11	3/10/11 16:46	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Tetrachloroethylene	7.2	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	L-03	SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	L-03	SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,1,1-Trichloroethane	110	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Trichloroethylene	2.7	2.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.2	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
Vinyl Chloride	28	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/10/11 16:46	TJR

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	100	70-130	3/10/11 16:46
Toluene-d8	98.5	70-130	3/10/11 16:46
4-Bromofluorobenzene	98.5	70-130	3/10/11 16:46

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Sampled: 3/8/2011 09:23

Field Sample #: MW-4b

Sample ID: 11C0249-06

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.093	0.075	mg/L	1		CTDEP ETPH	3/11/11	3/14/11 17:37	PJG
Surrogates	% Recovery		Recovery Limits		Flag				
o-Terphenyl	103		50-150					3/14/11 17:37	

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-5

Sampled: 3/8/2011 10:20

Sample ID: 11C0249-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Bromomethane	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Chloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,1-Dichloroethane	11	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
cis-1,2-Dichloroethylene	1.2	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-5

Sampled: 3/8/2011 10:20

Sample ID: 11C0249-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Naphthalene	ND	2.0	µg/L	1	L-03	SW-846 8260B	3/10/11	3/11/11 13:45	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,1,1-Trichloroethane	1.9	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Trichloroethylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 13:45	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	91.9	70-130	3/11/11 13:45
Toluene-d8	98.8	70-130	3/11/11 13:45
4-Bromofluorobenzene	95.9	70-130	3/11/11 13:45

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Sampled: 3/8/2011 10:20

Field Sample #: MW-5

Sample ID: 11C0249-07

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.67	0.075	mg/L	1		CTDEP ETPH	3/11/11	3/14/11 17:55	PJG
Surrogates	% Recovery		Recovery Limits		Flag				
o-Terphenyl	96.8		50-150					3/14/11 17:55	

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-7

Sampled: 3/8/2011 09:22

Sample ID: 11C0249-08

Sample Matrix: Ground Water

Sample Flags: DL-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Acrylonitrile	ND	20	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Benzene	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Bromobenzene	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Bromodichloromethane	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Bromoform	ND	10	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Bromomethane	ND	10	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
2-Butanone (MEK)	ND	50	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
n-Butylbenzene	ND	10	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
sec-Butylbenzene	ND	10	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
tert-Butylbenzene	ND	10	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Carbon Disulfide	ND	50	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Carbon Tetrachloride	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Chlorobenzene	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Chlorodibromomethane	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Chloroethane	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Chloroform	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Chloromethane	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
2-Chlorotoluene	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
4-Chlorotoluene	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,2-Dibromoethane (EDB)	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Dibromomethane	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,2-Dichlorobenzene	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,3-Dichlorobenzene	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,4-Dichlorobenzene	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
trans-1,4-Dichloro-2-butene	ND	20	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Dichlorodifluoromethane (Freon 12)	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,1-Dichloroethane	35	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,2-Dichloroethane	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,1-Dichloroethylene	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
cis-1,2-Dichloroethylene	5.4	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
trans-1,2-Dichloroethylene	ND	10	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,2-Dichloropropane	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,3-Dichloropropane	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
2,2-Dichloropropane	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,1-Dichloropropene	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
cis-1,3-Dichloropropene	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
trans-1,3-Dichloropropene	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Ethylbenzene	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Hexachlorobutadiene	ND	10	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
2-Hexanone (MBK)	ND	50	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Isopropylbenzene (Cumene)	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-7

Sampled: 3/8/2011 09:22

Sample ID: 11C0249-08

Sample Matrix: Ground Water

Sample Flags: DL-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Methyl tert-Butyl Ether (MTBE)	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Methylene Chloride	ND	50	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
4-Methyl-2-pentanone (MIBK)	ND	50	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Naphthalene	ND	20	µg/L	10	L-03	SW-846 8260B	3/10/11	3/11/11 16:15	MFF
n-Propylbenzene	ND	10	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Styrene	ND	10	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,1,1,2-Tetrachloroethane	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,1,2,2-Tetrachloroethane	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Tetrachloroethylene	13	10	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Tetrahydrofuran	ND	100	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Toluene	ND	10	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,2,4-Trichlorobenzene	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,1,1-Trichloroethane	36	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,1,2-Trichloroethane	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Trichloroethylene	ND	20	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Trichlorofluoromethane (Freon 11)	ND	20	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,2,3-Trichloropropane	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,2,4-Trimethylbenzene	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
1,3,5-Trimethylbenzene	ND	5.0	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
Vinyl Chloride	12	10	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
m+p Xylene	ND	20	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF
o-Xylene	ND	10	µg/L	10		SW-846 8260B	3/10/11	3/11/11 16:15	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	94.1	70-130	
Toluene-d8	98.1	70-130	
4-Bromofluorobenzene	97.4	70-130	

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-7

Sampled: 3/8/2011 09:22

Sample ID: 11C0249-08

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	1.8	0.075	mg/L	1		CTDEP ETPH	3/11/11	3/14/11 18:13	PJG
<b>Surrogates</b>		<b>% Recovery</b>		<b>Recovery Limits</b>	<b>Flag</b>				
o-Terphenyl		95.7		50-150				3/14/11 18:13	

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-8a

Sampled: 3/8/2011 10:38

Sample ID: 11C0249-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Bromomethane	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Chloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Dichlorodifluoromethane (Freon 12)	0.54	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-8a

Sampled: 3/8/2011 10:38

Sample ID: 11C0249-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Naphthalene	ND	2.0	µg/L	1	L-03	SW-846 8260B	3/10/11	3/11/11 14:15	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Trichloroethylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:15	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	90.7	70-130	
Toluene-d8	97.8	70-130	
4-Bromofluorobenzene	102	70-130	

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-8a

Sampled: 3/8/2011 10:38

Sample ID: 11C0249-09

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.43	0.075	mg/L	1		CTDEP ETPH	3/11/11	3/15/11 10:16	PJG
Surrogates	% Recovery		Recovery Limits		Flag				
o-Terphenyl	102		50-150					3/15/11 10:16	

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-8a

Sampled: 3/8/2011 10:38

Sample ID: 11C0249-09

Sample Matrix: Ground Water

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	11	2.0	µg/L	5		SW-846 6020A	3/10/11	3/10/11 17:07	KSH

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-8b

Sampled: 3/8/2011 11:26

Sample ID: 11C0249-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Bromomethane	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Chloroethane	6.0	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Chloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,1-Dichloroethane	2.2	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
cis-1,2-Dichloroethylene	0.87	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Isopropylbenzene (Cumene)	0.90	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-8b

Sampled: 3/8/2011 11:26

Sample ID: 11C0249-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Naphthalene	ND	2.0	µg/L	1	L-03	SW-846 8260B	3/10/11	3/11/11 14:45	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Trichloroethylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 14:45	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	91.5	70-130	3/11/11 14:45
Toluene-d8	99.7	70-130	3/11/11 14:45
4-Bromofluorobenzene	100	70-130	3/11/11 14:45

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Sampled: 3/8/2011 11:26

Field Sample #: MW-8b

Sample ID: 11C0249-10

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.43	0.075	mg/L	1		CTDEP ETPH	3/11/11	3/15/11 10:34	PJG
Surrogates	% Recovery		Recovery Limits		Flag				
o-Terphenyl	101		50-150					3/15/11 10:34	

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Sampled: 3/8/2011 11:26

Field Sample #: MW-8b

Sample ID: 11C0249-10

Sample Matrix: Ground Water

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	2.9	2.0	µg/L	5		SW-846 6020A	3/10/11	3/10/11 17:11	KSH

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: RMW-15

Sampled: 3/8/2011 11:03

Sample ID: 11C0249-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Bromomethane	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Chloroform	0.71	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Chloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,1-Dichloroethane	2.6	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: RMW-15

Sampled: 3/8/2011 11:03

Sample ID: 11C0249-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Naphthalene	ND	2.0	µg/L	1	L-03	SW-846 8260B	3/10/11	3/11/11 15:15	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,1,1-Trichloroethane	5.2	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Trichloroethylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:15	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	94.8	70-130	3/11/11 15:15
Toluene-d8	98.8	70-130	3/11/11 15:15
4-Bromofluorobenzene	99.4	70-130	3/11/11 15:15

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: RMW-15

Sampled: 3/8/2011 11:03

Sample ID: 11C0249-11

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.34	0.075	mg/L	1		CTDEP ETPH	3/11/11	3/14/11 19:08	PJG
Surrogates	% Recovery		Recovery Limits		Flag				
o-Terphenyl	99.2		50-150					3/14/11 19:08	

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-7 DUP

Sampled: 3/8/2011 11:17

Sample ID: 11C0249-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	5.2	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Bromomethane	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Chloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,1-Dichloroethane	33	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,1-Dichloroethylene	1.3	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
cis-1,2-Dichloroethylene	4.6	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-7 DUP

Sampled: 3/8/2011 11:17

Sample ID: 11C0249-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Naphthalene	ND	2.0	µg/L	1	L-03	SW-846 8260B	3/10/11	3/11/11 15:45	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Tetrachloroethylene	12	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,1,1-Trichloroethane	33	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Trichloroethylene	4.4	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.8	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
Vinyl Chloride	12	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 15:45	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	91.9	70-130	3/11/11 15:45
Toluene-d8	98.6	70-130	3/11/11 15:45
4-Bromofluorobenzene	100	70-130	3/11/11 15:45

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: MW-7 DUP

Sampled: 3/8/2011 11:17

Sample ID: 11C0249-12

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses**

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	1.4	0.075	mg/L	1		CTDEP ETPH	3/11/11	3/14/11 19:26	PJG
<b>Surrogates</b>		<b>% Recovery</b>	<b>Recovery Limits</b>		<b>Flag</b>				
o-Terphenyl		92.2	50-150					3/14/11 19:26	

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: TB

Sampled: 3/8/2011 07:30

Sample ID: 11C0249-13

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Bromomethane	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Chloromethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF

Project Location: 263 Myrtle St., IR New Britain

Sample Description: Monitor Well

Work Order: 11C0249

Date Received: 3/9/2011

Field Sample #: TB

Sampled: 3/8/2011 07:30

Sample ID: 11C0249-13

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Naphthalene	ND	2.0	µg/L	1	L-03	SW-846 8260B	3/10/11	3/11/11 10:44	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Trichloroethylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260B	3/10/11	3/11/11 10:44	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	103	70-130	
Toluene-d8	98.2	70-130	
4-Bromofluorobenzene	98.1	70-130	

**Sample Extraction Data**

**Prep Method: SW-846 3510C-CTDEP ETPH**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11C0249-01 [MW-1]	B027135	1000	1.00	03/11/11
11C0249-02 [MW-2a]	B027135	1000	1.00	03/11/11
11C0249-03 [MW-2b]	B027135	1000	1.00	03/11/11
11C0249-04 [MW-3]	B027135	1000	1.00	03/11/11
11C0249-05 [MW-4a]	B027135	1000	1.00	03/11/11
11C0249-06 [MW-4b]	B027135	1000	1.00	03/11/11
11C0249-07 [MW-5]	B027135	1000	1.00	03/11/11
11C0249-08 [MW-7]	B027135	1000	1.00	03/11/11
11C0249-09 [MW-8a]	B027135	1000	1.00	03/11/11
11C0249-10 [MW-8b]	B027135	1000	1.00	03/11/11
11C0249-11 [RMW-15]	B027135	1000	1.00	03/11/11
11C0249-12 [MW-7 DUP]	B027135	1000	1.00	03/11/11

**Prep Method: SW-846 3005A-SW-846 6020A**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11C0249-01 [MW-1]	B027072	50.0	50.0	03/10/11
11C0249-04 [MW-3]	B027072	50.0	50.0	03/10/11
11C0249-09 [MW-8a]	B027072	50.0	50.0	03/10/11
11C0249-10 [MW-8b]	B027072	50.0	50.0	03/10/11

**Prep Method: SW-846 5030B-SW-846 8260B**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11C0249-04 [MW-3]	B027051	5	5.00	03/10/11
11C0249-05 [MW-4a]	B027051	5	5.00	03/10/11
11C0249-06 [MW-4b]	B027051	5	5.00	03/10/11

**Prep Method: SW-846 5030B-SW-846 8260B**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11C0249-01 [MW-1]	B027125	5	5.00	03/10/11
11C0249-02 [MW-2a]	B027125	5	5.00	03/10/11
11C0249-03 [MW-2b]	B027125	5	5.00	03/10/11
11C0249-07 [MW-5]	B027125	5	5.00	03/10/11
11C0249-08 [MW-7]	B027125	0.5	5.00	03/10/11
11C0249-09 [MW-8a]	B027125	5	5.00	03/10/11
11C0249-10 [MW-8b]	B027125	5	5.00	03/10/11
11C0249-11 [RMW-15]	B027125	5	5.00	03/10/11
11C0249-12 [MW-7 DUP]	B027125	5	5.00	03/10/11
11C0249-13 [TB]	B027125	5	5.00	03/10/11

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B027051 - SW-846 5030B

Blank (B027051-BLK1)

Prepared & Analyzed: 03/10/11

Acetone	ND	5.0	µg/L							
Acrylonitrile	ND	2.0	µg/L							
Benzene	ND	0.50	µg/L							
Bromobenzene	ND	0.50	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	1.0	µg/L							
2-Butanone (MEK)	ND	5.0	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	0.50	µg/L							
Chlorobenzene	ND	0.50	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	0.50	µg/L							
Chloroform	ND	0.50	µg/L							
Chloromethane	ND	0.50	µg/L							
2-Chlorotoluene	ND	0.50	µg/L							
4-Chlorotoluene	ND	0.50	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	0.50	µg/L							
1,3-Dichlorobenzene	ND	0.50	µg/L							
1,4-Dichlorobenzene	ND	0.50	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L							
1,1-Dichloroethane	ND	0.50	µg/L							
1,2-Dichloroethane	ND	0.50	µg/L							
1,1-Dichloroethylene	ND	0.50	µg/L							
cis-1,2-Dichloroethylene	ND	0.50	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	0.50	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	0.50	µg/L							
1,1-Dichloropropene	ND	0.50	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	0.50	µg/L							
Hexachlorobutadiene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	5.0	µg/L							
Isopropylbenzene (Cumene)	ND	0.50	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L							
Naphthalene	ND	2.0	µg/L							L-03
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B027051 - SW-846 5030B

Blank (B027051-BLK1)

Prepared & Analyzed: 03/10/11

Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	0.50	µg/L							L-03
1,2,4-Trichlorobenzene	ND	0.50	µg/L							L-03
1,1,1-Trichloroethane	ND	0.50	µg/L							
1,1,2-Trichloroethane	ND	0.50	µg/L							
Trichloroethylene	ND	2.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	0.50	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L							
1,2,4-Trimethylbenzene	ND	0.50	µg/L							
1,3,5-Trimethylbenzene	ND	0.50	µg/L							
Vinyl Chloride	ND	1.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	22.8		µg/L	25.0		91.2	70-130			
Surrogate: Toluene-d8	24.1		µg/L	25.0		96.4	70-130			
Surrogate: 4-Bromofluorobenzene	24.3		µg/L	25.0		97.1	70-130			

LCS (B027051-BS1)

Prepared & Analyzed: 03/10/11

Acetone	89.1	5.0	µg/L	100		89.1	70-130			
Acrylonitrile	10.0	2.0	µg/L	10.0		100	70-130			
Benzene	10.9	0.50	µg/L	10.0		109	70-130			
Bromobenzene	9.82	0.50	µg/L	10.0		98.2	70-130			
Bromodichloromethane	10.0	0.50	µg/L	10.0		100	70-130			
Bromoform	9.07	1.0	µg/L	10.0		90.7	70-130			
Bromomethane	10.5	1.0	µg/L	10.0		105	70-130			
2-Butanone (MEK)	94.6	5.0	µg/L	100		94.6	70-130			
n-Butylbenzene	9.41	1.0	µg/L	10.0		94.1	70-130			
sec-Butylbenzene	9.86	1.0	µg/L	10.0		98.6	70-130			
tert-Butylbenzene	10.0	1.0	µg/L	10.0		100	70-130			
Carbon Disulfide	107	5.0	µg/L	100		107	70-130			
Carbon Tetrachloride	9.93	0.50	µg/L	10.0		99.3	70-130			
Chlorobenzene	10.3	0.50	µg/L	10.0		103	70-130			
Chlorodibromomethane	9.93	0.50	µg/L	10.0		99.3	70-130			
Chloroethane	10.4	0.50	µg/L	10.0		104	70-130			
Chloroform	10.3	0.50	µg/L	10.0		103	70-130			
Chloromethane	9.17	0.50	µg/L	10.0		91.7	70-130			
2-Chlorotoluene	9.72	0.50	µg/L	10.0		97.2	70-130			
4-Chlorotoluene	10.1	0.50	µg/L	10.0		101	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	7.26	0.50	µg/L	10.0		72.6	70-130			
1,2-Dibromoethane (EDB)	10.2	0.50	µg/L	10.0		102	70-130			
Dibromomethane	9.85	0.50	µg/L	10.0		98.5	70-130			
1,2-Dichlorobenzene	9.76	0.50	µg/L	10.0		97.6	70-130			
1,3-Dichlorobenzene	9.65	0.50	µg/L	10.0		96.5	70-130			
1,4-Dichlorobenzene	9.36	0.50	µg/L	10.0		93.6	70-130			
trans-1,4-Dichloro-2-butene	8.40	2.0	µg/L	10.0		84.0	70-130			
Dichlorodifluoromethane (Freon 12)	11.8	0.50	µg/L	10.0		118	70-130			
1,1-Dichloroethane	10.3	0.50	µg/L	10.0		103	70-130			
1,2-Dichloroethane	9.91	0.50	µg/L	10.0		99.1	70-130			
1,1-Dichloroethylene	10.3	0.50	µg/L	10.0		103	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B027051 - SW-846 5030B

LCS (B027051-BS1)

Prepared & Analyzed: 03/10/11

cis-1,2-Dichloroethylene	10.3	0.50	µg/L	10.0		103	70-130			
trans-1,2-Dichloroethylene	10.3	1.0	µg/L	10.0		103	70-130			
1,2-Dichloropropane	9.97	0.50	µg/L	10.0		99.7	70-130			
1,3-Dichloropropane	10.1	0.50	µg/L	10.0		101	70-130			
2,2-Dichloropropane	11.0	0.50	µg/L	10.0		110	70-130			
1,1-Dichloropropene	10.4	0.50	µg/L	10.0		104	70-130			
cis-1,3-Dichloropropene	9.97	0.50	µg/L	10.0		99.7	70-130			
trans-1,3-Dichloropropene	9.92	0.50	µg/L	10.0		99.2	70-130			
Ethylbenzene	10.2	0.50	µg/L	10.0		102	70-130			
Hexachlorobutadiene	9.07	1.0	µg/L	10.0		90.7	70-130			
2-Hexanone (MBK)	91.7	5.0	µg/L	100		91.7	70-130			
Isopropylbenzene (Cumene)	10.2	0.50	µg/L	10.0		102	70-130			
p-Isopropyltoluene (p-Cymene)	9.79	0.50	µg/L	10.0		97.9	70-130			
Methyl tert-Butyl Ether (MTBE)	10.6	0.50	µg/L	10.0		106	70-130			
Methylene Chloride	10.3	5.0	µg/L	10.0		103	70-130			
4-Methyl-2-pentanone (MIBK)	96.2	5.0	µg/L	100		96.2	70-130			
<b>Naphthalene</b>	6.70	2.0	µg/L	10.0		<b>67.0</b> *	70-130			L-03
n-Propylbenzene	9.95	1.0	µg/L	10.0		99.5	70-130			
Styrene	10.0	1.0	µg/L	10.0		100	70-130			
1,1,1,2-Tetrachloroethane	9.89	0.50	µg/L	10.0		98.9	70-130			
1,1,2,2-Tetrachloroethane	9.54	0.50	µg/L	10.0		95.4	70-130			
Tetrachloroethylene	10.4	1.0	µg/L	10.0		104	70-130			
Tetrahydrofuran	10.2	10	µg/L	10.0		102	70-130			
Toluene	10.7	1.0	µg/L	10.0		107	70-130			
<b>1,2,3-Trichlorobenzene</b>	6.59	0.50	µg/L	10.0		<b>65.9</b> *	70-130			L-03
<b>1,2,4-Trichlorobenzene</b>	6.67	0.50	µg/L	10.0		<b>66.7</b> *	70-130			L-03
1,1,1-Trichloroethane	10.0	0.50	µg/L	10.0		100	70-130			
1,1,2-Trichloroethane	9.85	0.50	µg/L	10.0		98.5	70-130			
Trichloroethylene	9.60	2.0	µg/L	10.0		96.0	70-130			
Trichlorofluoromethane (Freon 11)	10.3	2.0	µg/L	10.0		103	70-130			
1,2,3-Trichloropropane	8.95	0.50	µg/L	10.0		89.5	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5	0.50	µg/L	10.0		105	70-130			
1,2,4-Trimethylbenzene	9.86	0.50	µg/L	10.0		98.6	70-130			
1,3,5-Trimethylbenzene	9.98	0.50	µg/L	10.0		99.8	70-130			
Vinyl Chloride	10.5	1.0	µg/L	10.0		105	70-130			
m+p Xylene	20.3	2.0	µg/L	20.0		102	70-130			
o-Xylene	10.1	1.0	µg/L	10.0		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	22.6		µg/L	25.0		90.4	70-130			
Surrogate: Toluene-d8	25.3		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	24.9		µg/L	25.0		99.7	70-130			

Batch B027125 - SW-846 5030B

Blank (B027125-BLK1)

Prepared & Analyzed: 03/11/11

Acetone	ND	5.0	µg/L							
Acrylonitrile	ND	2.0	µg/L							
Benzene	ND	0.50	µg/L							
Bromobenzene	ND	0.50	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	1.0	µg/L							
2-Butanone (MEK)	ND	5.0	µg/L							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B027125 - SW-846 5030B

Blank (B027125-BLK1)

Prepared & Analyzed: 03/11/11

n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	0.50	µg/L							
Chlorobenzene	ND	0.50	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	0.50	µg/L							
Chloroform	ND	0.50	µg/L							
Chloromethane	ND	0.50	µg/L							
2-Chlorotoluene	ND	0.50	µg/L							
4-Chlorotoluene	ND	0.50	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	0.50	µg/L							
1,3-Dichlorobenzene	ND	0.50	µg/L							
1,4-Dichlorobenzene	ND	0.50	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L							
1,1-Dichloroethane	ND	0.50	µg/L							
1,2-Dichloroethane	ND	0.50	µg/L							
1,1-Dichloroethylene	ND	0.50	µg/L							
cis-1,2-Dichloroethylene	ND	0.50	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	0.50	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	0.50	µg/L							
1,1-Dichloropropene	ND	0.50	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	0.50	µg/L							
Hexachlorobutadiene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	5.0	µg/L							
Isopropylbenzene (Cumene)	ND	0.50	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L							
Naphthalene	ND	2.0	µg/L							L-03
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	0.50	µg/L							
1,2,4-Trichlorobenzene	ND	0.50	µg/L							
1,1,1-Trichloroethane	ND	0.50	µg/L							
1,1,2-Trichloroethane	ND	0.50	µg/L							
Trichloroethylene	ND	2.0	µg/L							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B027125 - SW-846 5030B</b>										
<b>Blank (B027125-BLK1)</b>										
Prepared & Analyzed: 03/11/11										
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	0.50	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L							
1,2,4-Trimethylbenzene	ND	0.50	µg/L							
1,3,5-Trimethylbenzene	ND	0.50	µg/L							
Vinyl Chloride	ND	1.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	25.3		µg/L	25.0		101	70-130			
Surrogate: Toluene-d8	24.6		µg/L	25.0		98.3	70-130			
Surrogate: 4-Bromofluorobenzene	24.5		µg/L	25.0		98.1	70-130			
<b>LCS (B027125-BS1)</b>										
Prepared & Analyzed: 03/11/11										
Acetone	93.8	5.0	µg/L	100		93.8	70-130			
Acrylonitrile	10.8	2.0	µg/L	10.0		108	70-130			
Benzene	11.4	0.50	µg/L	10.0		114	70-130			
Bromobenzene	10.3	0.50	µg/L	10.0		103	70-130			
Bromodichloromethane	10.9	0.50	µg/L	10.0		109	70-130			
Bromoform	8.96	1.0	µg/L	10.0		89.6	70-130			
Bromomethane	12.2	1.0	µg/L	10.0		122	70-130			
2-Butanone (MEK)	99.1	5.0	µg/L	100		99.1	70-130			
n-Butylbenzene	10.7	1.0	µg/L	10.0		107	70-130			
sec-Butylbenzene	10.9	1.0	µg/L	10.0		109	70-130			
tert-Butylbenzene	10.8	1.0	µg/L	10.0		108	70-130			
Carbon Disulfide	120	5.0	µg/L	100		120	70-130			
Carbon Tetrachloride	11.2	0.50	µg/L	10.0		112	70-130			
Chlorobenzene	10.8	0.50	µg/L	10.0		108	70-130			
Chlorodibromomethane	10.2	0.50	µg/L	10.0		102	70-130			
Chloroethane	12.3	0.50	µg/L	10.0		123	70-130			
Chloroform	11.6	0.50	µg/L	10.0		116	70-130			
Chloromethane	10.6	0.50	µg/L	10.0		106	70-130			
2-Chlorotoluene	10.4	0.50	µg/L	10.0		104	70-130			
4-Chlorotoluene	10.4	0.50	µg/L	10.0		104	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	7.87	0.50	µg/L	10.0		78.7	70-130			
1,2-Dibromoethane (EDB)	10.6	0.50	µg/L	10.0		106	70-130			
Dibromomethane	10.3	0.50	µg/L	10.0		103	70-130			
1,2-Dichlorobenzene	10.6	0.50	µg/L	10.0		106	70-130			
1,3-Dichlorobenzene	10.7	0.50	µg/L	10.0		107	70-130			
1,4-Dichlorobenzene	10.2	0.50	µg/L	10.0		102	70-130			
trans-1,4-Dichloro-2-butene	8.69	2.0	µg/L	10.0		86.9	70-130			
<b>Dichlorodifluoromethane (Freon 12)</b>	13.1	0.50	µg/L	10.0		<b>131</b> *	70-130			L-01
1,1-Dichloroethane	11.2	0.50	µg/L	10.0		112	70-130			
1,2-Dichloroethane	11.3	0.50	µg/L	10.0		113	70-130			
1,1-Dichloroethylene	11.6	0.50	µg/L	10.0		116	70-130			
cis-1,2-Dichloroethylene	11.2	0.50	µg/L	10.0		112	70-130			
trans-1,2-Dichloroethylene	11.2	1.0	µg/L	10.0		112	70-130			
1,2-Dichloropropane	10.3	0.50	µg/L	10.0		103	70-130			
1,3-Dichloropropane	10.8	0.50	µg/L	10.0		108	70-130			
2,2-Dichloropropane	11.5	0.50	µg/L	10.0		115	70-130			
1,1-Dichloropropene	11.6	0.50	µg/L	10.0		116	70-130			
cis-1,3-Dichloropropene	10.5	0.50	µg/L	10.0		105	70-130			
trans-1,3-Dichloropropene	9.87	0.50	µg/L	10.0		98.7	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B027125 - SW-846 5030B</b>										
<b>LCS (B027125-BS1)</b>										
Prepared & Analyzed: 03/11/11										
Ethylbenzene	10.6	0.50	µg/L	10.0		106	70-130			
Hexachlorobutadiene	9.92	1.0	µg/L	10.0		99.2	70-130			
2-Hexanone (MBK)	94.0	5.0	µg/L	100		94.0	70-130			
Isopropylbenzene (Cumene)	10.9	0.50	µg/L	10.0		109	70-130			
p-Isopropyltoluene (p-Cymene)	11.0	0.50	µg/L	10.0		110	70-130			
Methyl tert-Butyl Ether (MTBE)	11.2	0.50	µg/L	10.0		112	70-130			
Methylene Chloride	11.2	5.0	µg/L	10.0		112	70-130			
4-Methyl-2-pentanone (MIBK)	100	5.0	µg/L	100		100	70-130			
<b>Naphthalene</b>	6.82	2.0	µg/L	10.0		<b>68.2</b> *	70-130			L-03
n-Propylbenzene	10.7	1.0	µg/L	10.0		107	70-130			
Styrene	10.6	1.0	µg/L	10.0		106	70-130			
1,1,1,2-Tetrachloroethane	9.72	0.50	µg/L	10.0		97.2	70-130			
1,1,2,2-Tetrachloroethane	9.41	0.50	µg/L	10.0		94.1	70-130			
Tetrachloroethylene	11.2	1.0	µg/L	10.0		112	70-130			
Tetrahydrofuran	9.88	10	µg/L	10.0		98.8	70-130			
Toluene	10.9	1.0	µg/L	10.0		109	70-130			
1,2,3-Trichlorobenzene	7.10	0.50	µg/L	10.0		71.0	70-130			
1,2,4-Trichlorobenzene	7.22	0.50	µg/L	10.0		72.2	70-130			
1,1,1-Trichloroethane	11.2	0.50	µg/L	10.0		112	70-130			
1,1,2-Trichloroethane	10.2	0.50	µg/L	10.0		102	70-130			
Trichloroethylene	10.6	2.0	µg/L	10.0		106	70-130			
Trichlorofluoromethane (Freon 11)	12.4	2.0	µg/L	10.0		124	70-130			
1,2,3-Trichloropropane	9.59	0.50	µg/L	10.0		95.9	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.3	0.50	µg/L	10.0		123	70-130			
1,2,4-Trimethylbenzene	10.8	0.50	µg/L	10.0		108	70-130			
1,3,5-Trimethylbenzene	10.8	0.50	µg/L	10.0		108	70-130			
Vinyl Chloride	12.1	1.0	µg/L	10.0		121	70-130			
m+p Xylene	21.4	2.0	µg/L	20.0		107	70-130			
o-Xylene	10.7	1.0	µg/L	10.0		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	24.3		µg/L	25.0		97.0	70-130			
Surrogate: Toluene-d8	24.7		µg/L	25.0		98.9	70-130			
Surrogate: 4-Bromofluorobenzene	25.1		µg/L	25.0		100	70-130			

**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B027135 - SW-846 3510C</b>										
<b>Blank (B027135-BLK1)</b>										
					Prepared: 03/11/11 Analyzed: 03/14/11					
CT ETPH	ND	0.075	mg/L							
Surrogate: o-Terphenyl	0.102		mg/L	0.100		102	50-150			
<b>LCS (B027135-BS1)</b>										
					Prepared: 03/11/11 Analyzed: 03/14/11					
CT ETPH	0.841	0.075	mg/L	1.00		84.1	60-120			
Surrogate: o-Terphenyl	0.0992		mg/L	0.100		99.2	50-150			
<b>LCS Dup (B027135-BSD1)</b>										
					Prepared: 03/11/11 Analyzed: 03/14/11					
CT ETPH	0.852	0.075	mg/L	1.00		85.2	60-120	1.23	30	
Surrogate: o-Terphenyl	0.0966		mg/L	0.100		96.6	50-150			

**QUALITY CONTROL**

**Metals Analyses (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B027072 - SW-846 3005A</b>										
<b>Blank (B027072-BLK1)</b>				Prepared & Analyzed: 03/10/11						
Arsenic	ND	2.0	µg/L							
<b>LCS (B027072-BS1)</b>				Prepared & Analyzed: 03/10/11						
Arsenic	258	2.0	µg/L	250		103	80-120			
<b>LCS Dup (B027072-BSD1)</b>				Prepared & Analyzed: 03/10/11						
Arsenic	269	2.0	µg/L	250		108	80-120	4.50	20	
<b>Duplicate (B027072-DUP1)</b>				<b>Source: 11C0249-04</b>		Prepared & Analyzed: 03/10/11				
Arsenic	8.36	2.0	µg/L			9.42		11.9	20	
<b>Matrix Spike (B027072-MS1)</b>				<b>Source: 11C0249-04</b>		Prepared & Analyzed: 03/10/11				
Arsenic	276	2.0	µg/L	250		9.42	107	75-125		

**FLAG/QUALIFIER SUMMARY**

- \* QC result is outside of established limits.
  - † Wide recovery limits established for difficult compound.
  - ‡ Wide RPD limits established for difficult compound.
  - # Data exceeded client recommended or regulatory level
- Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
- DL-01 Elevated detection limits for all volatile compounds due to foaming sample matrix.
- L-01 Laboratory fortified blank /laboratory control sample 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.
- L-03 Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<b>CTDEP ETPH in Water</b>	
CT ETPH	CT
<b>SW-846 6020A in Water</b>	
Arsenic	CT,NH,NY,RI,NC
<b>SW-846 8260B in Water</b>	
Acetone	CT,NH,NY,NC
Acrylonitrile	CT,NY,NC,RI
Benzene	CT,NH,NY,NC,RI
Bromobenzene	NC
Bromodichloromethane	CT,NH,NY,NC,RI
Bromoform	CT,NH,NY,NC,RI
Bromomethane	CT,NH,NY,NC,RI
2-Butanone (MEK)	CT,NH,NY,NC
n-Butylbenzene	NY,NC
sec-Butylbenzene	NY,NC
tert-Butylbenzene	NY,NC
Carbon Disulfide	CT,NH,NY,NC
Carbon Tetrachloride	CT,NH,NY,NC,RI
Chlorobenzene	CT,NH,NY,NC,RI
Chlorodibromomethane	CT,NH,NY,NC,RI
Chloroethane	CT,NH,NY,NC,RI
Chloroform	CT,NH,NY,NC,RI
Chloromethane	CT,NH,NY,NC,RI
2-Chlorotoluene	NY,NC
4-Chlorotoluene	NY,NC
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC
1,2-Dichlorobenzene	CT,NY,NC,RI
1,3-Dichlorobenzene	CT,NH,NY,NC,RI
1,4-Dichlorobenzene	CT,NH,NY,NC,RI
trans-1,4-Dichloro-2-butene	NH,NY,NC
Dichlorodifluoromethane (Freon 12)	NH,NY,NC,RI
1,1-Dichloroethane	CT,NH,NY,NC,RI
1,2-Dichloroethane	CT,NH,NY,NC,RI
1,1-Dichloroethylene	CT,NH,NY,NC,RI
cis-1,2-Dichloroethylene	NC
trans-1,2-Dichloroethylene	CT,NH,NY,NC,RI
1,2-Dichloropropane	CT,NH,NY,NC,RI
1,3-Dichloropropane	NY,NC
2,2-Dichloropropane	NH,NY,NC
1,1-Dichloropropene	NH,NY,NC
cis-1,3-Dichloropropene	CT,NH,NY,NC,RI
trans-1,3-Dichloropropene	CT,NH,NY,NC,RI
Ethylbenzene	CT,NH,NY,NC,RI
Hexachlorobutadiene	CT,NH,NY,NC
2-Hexanone (MBK)	CT,NH,NY,NC

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<i>SW-846 8260B in Water</i>	
Isopropylbenzene (Cumene)	NY,NC
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,NC
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,NC
Methylene Chloride	CT,NH,NY,NC,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC
n-Propylbenzene	CT,NH,NY,NC
Styrene	CT,NH,NY,NC
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC,RI
Tetrachloroethylene	CT,NH,NY,NC,RI
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC,RI
1,2,3-Trichlorobenzene	NH,NY,NC
1,2,4-Trichlorobenzene	CT,NH,NY,NC
1,1,1-Trichloroethane	CT,NH,NY,NC,RI
1,1,2-Trichloroethane	CT,NH,NY,NC,RI
Trichloroethylene	CT,NH,NY,NC,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC,RI
1,2,3-Trichloropropane	NH,NY,NC
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC
1,2,4-Trimethylbenzene	NY,NC
1,3,5-Trimethylbenzene	NY,NC
Vinyl Chloride	CT,NH,NY,NC,RI
m+p Xylene	CT,NH,NY,NC,RI
o-Xylene	CT,NH,NY,NC,RI

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

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Public Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2012



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

Company Name: HRP Associates Inc  
 Address: 197 Scott Swamp Rd  
Farmington, CT 06032

Telephone: (860) 674-9576  
 Project # ING-0077&U T-1  
 Client PO # \_\_\_\_\_

Attention: Scott Kuhn

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT

Project Location: 263 Myrtle St - IR New Britain  
 Sampled By: DEH/KG

Fax #: \_\_\_\_\_  
 Email: john.murray@passivestats.com  
 EXCEL  PDF  GIS KEY

Proposal Provided? (For Billing purposes)  
 yes # 1110-14 proposal date  
 yes  no State Form Required?

Field ID	Sample Description	Lab #	Date Sampled	Start Date/Time	Stop Date/Time	Comp- oste	Grab	Matrix Code	Conc. Code	ANALYSIS REQUESTED		# of containers
MW-1	Member Well	-01	3/8/11	1:22	1:21	X	GW	U	X	VOCs	8260	1
MW-2a		-01			1:21	X	GW	U	X	CT	STPH	1
MW-2b		-03			1:56	X	GW	U	X	Total	As	1
MW-3		-04			12:27	X	GW	U	X			
MW-4a		-05			9:58	X	GW	U	X			
MW-4b		-06			9:23	X	GW	U	X			
MW-5		-07			10:20	X	GW	U	X			
MW-7		-08			9:22	X	GW	U	X			

3.2c

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:  
 H - High, M - Medium, L - Low, C - Clean, U - Unknown

Retinquished by (signature) \_\_\_\_\_ Date/Time: 3/9/11 12:38  
 Received by (signature) \_\_\_\_\_ Date/Time: 3/9/11 12:38  
 Retinquished by (signature) \_\_\_\_\_ Date/Time: 3/9/11 5:15  
 Received by (signature) \_\_\_\_\_ Date/Time: 3/9/11 17:13

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

Detection Limit Requirements  
 Regulations? SWPC + F/C/Vc  
 Data Enhancement Project/RCP?  Y  N  
 Special Requirements or D.L'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  
 X = Na hydroxide  
 T = Na thiosulfate

Client Comments: \_\_\_\_\_

\*\*\* TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.



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

Company Name: HRP Associates, Inc  
 Address: 197 Soat Swamp Rd  
Farmington, CT 06032  
 Attention: Scott Rubin

Telephone: (860) 674-9570  
 Project # TU00072605 T-1  
 Client PO # \_\_\_\_\_

Project Location: 263 North St-TR New Britain  
 Sampled By: DEK/KG

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Fax #: \_\_\_\_\_  
 Email: scott.rubin@hrpinc.com  
 Format:  EXCEL  PDF  GIS KEY

Proposal Provided? (For Billing purposes)  
 yes  no 11/0-14 proposal date  
 State Form Required?  
 yes  no

Field ID	Sample Description	Lab #	Date Sampled		Comp. osite	Grab	Matrix   Conc. Code		ANALYSIS REQUESTED	# of containers
			Start Date/Time	Stop Date/Time			Code	Code		
MW-8a	Monitor Well	-09	3/8/10	10:30	X	GW	U	X	VOC 8260	
MW-8b		-10		11:26	X	GW	U	X	CT ETPH	
MW-15		-11		11:03	X	GW	U	X	Total As	
MW-7 Dup		-12	3/8/11	11:17	X	GW	U	X		
ATB		-12	3/8/11	2:30	X	GW	U	X		

Laboratory Comments: MW-7 Dup and TB added, okay 3/2/11  
 H - High; M - Medium; L - Low; C - Clean; U - Unknown  
 Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

Reinquinshed By: (signature) [Signature] Date/Time: 3/9/11 12:30  
 Turnaround \*\*  
 7-Day  
 10-Day  
 Other \_\_\_\_\_  
 RUSH \*  
 \*24-Hr  \*48-Hr  
 \*72-Hr  \*4-Day  
 \* Require lab approval

Detection Limit Requirements  
 Regulations? SUPC + T/CVC  
 Data Enhancement Project/RCP?  Y  N  
 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

Cont. Code:  
 A=amber glass  
 G=glass  
 P=plastic  
 ST=sterile  
 V=val  
 S=summary can  
 T=teardrop bag  
 O=Other

Client Comments:

\*\* TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT. AIHA, NELAP & WBE/DBE Certified

39 Spruce St.  
 East Longmeadow, MA. 01028  
 P: 413-525-2332  
 F: 413-525-6405  
 www.contestlabs.com



**Sample Receipt Checklist**

CLIENT NAME: HRP RECEIVED BY: CEC DATE: 3/9/11

- 1) Was the chain(s) of custody relinquished and signed?  Yes  No
- 2) Does the chain agree with the samples?  Yes  No  
 If not, explain:
- 3) Are all the samples in good condition?  Yes  No  
 If not, explain:
- 4) How were the samples received:

On Ice  Direct from Sampling  Ambient  In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)?  Yes  No  N/A  
 Temperature °C by Temp blank: 4.0 Temperature °C by Temp gun: \_\_\_\_\_

- 5) Are there Dissolved samples for the lab to filter?  Yes  No  
 Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_
- 6) Are there any samples "On Hold"?  Yes  No Stored where:
- 7) Are there any RUSH or SHORT HOLDING TIME samples?  Yes  No  
 Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No  
 (Walk-in clients only) if not already approved  
 Client Signature: \_\_\_\_\_

**Containers received at Con-Test**

	# of containers		# of containers
1 Liter Amber	12	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic	4	Air Cassette	
40 mL Vial - type listed below	39	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments: Received extra sample MW-7 Dup and a TB not on C.O.C.

40 mL vials: # HCl 39 # Methanol \_\_\_\_\_  
 # Bisulfate \_\_\_\_\_ # DI Water \_\_\_\_\_  
 # Thiosulfate \_\_\_\_\_ Unpreserved \_\_\_\_\_

Time and Date Frozen: \_\_\_\_\_

Do all samples have the proper Acid pH:  Yes  No  N/A

Do all samples have the proper Base pH: Yes  No  N/A

CT ETPH DISCRIMINATION CHECK

Date Acquired 3/14/11  
Data File Name A0314006.D  
Sample Name ETPH 1500  
Instrument Name 5890DFID

Compound	Ret Time	Target Response	Average Response	%D +/- 20
c - 9	1.25	379397	410866	-8
c - 10	1.64	386994	410866	-6
c - 12	2.40	396617	410866	-3
c - 14	3.08	407045	410866	-1
c - 16	3.69	417605	410866	2
c - 18	4.33	425716	410866	4
o-Terphenyl	4.62	476008	410866	
c - 20	4.93	426674	410866	4
c - 22	5.43	419728	410866	2
c - 24	5.87	433830	410866	6
c - 26	6.27	433995	410866	6
c - 28	6.63	429944	410866	5
c - 30	6.97	422517	410866	3
c - 32	7.28	410050	410866	0
c - 34	7.58	393427	410866	-4
c - 36	7.95	379456	410866	-8

\* One compound allowed %D <= 50%

## Samples

11C0255-14  
11C0333-16  
11C0194-01  
11C0194-02  
11C0194-03  
11C0249-01  
11C0249-02  
11C0249-03  
11C0249-04  
11C0249-05

**CT ETPH DISCRIMINATION CHECK**

Date Acquired 3/14/11  
 Data File Name A0314049.D  
 Sample Name ETPH 1500  
 Instrument Name 5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.04	360000	386101	-7
c - 10	1.39	368987	386101	-4
c - 12	2.12	380296	386101	-2
c - 14	2.78	390166	386101	1
c - 16	3.37	398332	386101	3
c - 18	3.94	403900	386101	5
o-Terphenyl	4.20	451561	386101	
c - 20	4.56	401316	386101	4
c - 22	5.08	391984	386101	2
c - 24	5.52	403711	386101	5
c - 26	5.91	401059	386101	4
c - 28	6.27	396275	386101	3
c - 30	6.60	391430	386101	1
c - 32	6.91	381399	386101	-1
c - 34	7.21	367494	386101	-5
c - 36	7.48	355162	386101	-8

\* One compound allowed %D </= 50%

## Samples

11C0249-06  
 11C0249-07  
 11C0249-08  
 11C0249-11  
 11C0249-12  
 11C0310-05  
 11C0311-02  
 11C0311-04

CT ETPH DISCRIMINATION CHECK

Date Acquired 3/15/11  
Data File Name A0315007.D  
Sample Name ETPH 1500  
Instrument Name 5890DFID

Compound	Ret Time	Target Response	Average Response	***D +/- 20
c - 9	1.04	390399	417390	-6
c - 10	1.40	401788	417390	-4
c - 12	2.12	411969	417390	-1
c - 14	2.78	422047	417390	1
c - 16	3.38	430062	417390	3
c - 18	3.95	435061	417390	4
o-Terphenyl	4.20	486367	417390	
c - 20	4.56	432760	417390	4
c - 22	5.08	422352	417390	1
c - 24	5.52	434110	417390	4
c - 26	5.91	432376	417390	4
c - 28	6.27	428364	417390	3
c - 30	6.60	423530	417390	1
c - 32	6.91	413012	417390	-1
c - 34	7.21	398298	417390	-5
c - 36	7.48	384718	417390	-8

\* One compound allowed %D <= 50%

## Samples

11C0249-09  
11C0249-10  
11C0254-01



## REASONABLE CONFIDENCE PROTOCOL LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

**Laboratory Name:** Con-Test Analytical Laboratory

**Client:** HRP Associates, Inc. (Private)

**Project Location:** 263 Myrtle St., IR New Britain

**Project Number:** 11C0249

**Laboratory Sample ID(s):**

**Sample Date(s):**

11C0249-01 thru 11C0249-13

03/08/2011

*List RCP Methods Used:*

CTDEP ETPH, SW-846 6020A, SW-846 8260B

<b>1</b>	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>1A</b>	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>1B</b>	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<b>2</b>	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>3</b>	Were samples received at an appropriate temperature (< 6 degrees C.)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<b>4</b>	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>5A</b>	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>5B</b>	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>6</b>	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>7</b>	Are project-specific matrix spikes and laboratory duplicates included in this data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

This form may not be altered and all questions must be answered.

**I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.**

**Authorized Signature:**

**Position:** Laboratory Manager

**Printed Name:** Daren J. Damboragian

**Date:** 03/16/11

**Name of Laboratory:** Con-Test Analytical Laboratory

**This certification form is to be used for RCP methods only.**

**APPENDIX B**  
**ARSENIC ASWPC CALCULATIONS**

**CALCULATED ALTERNATE SURFACE WATER PROTECTION CRITERIA**

Former Torrington Company  
263 Myrtle Street  
(Formerly 37 Booth Street)  
New Britain, Connecticut

The RSR allows for the calculation of site-specific, self-implementing ASWPC values. Section 22a-133k-3(b)(3)(A) of the RSR provides the equation for calculating ASWPC as follows:

$$ASWPC = WQC((0.25 \times 7Q10) / Q_{plume})$$

Where:

WQC = the lower of the human health or aquatic life criterion specific to the compound (Water Quality Standard, effective December 2002)

Q<sub>plume</sub> = the average daily discharge of polluted groundwater from the subject groundwater plume.

7Q10 = seven day/ten year low flow discharge value for the receiving surface water body.

**CALCULATE PLUME DISCHARGES TO PIPER BROOK (Q<sub>plume</sub>)**

Q<sub>plume</sub> in CFD = width (FT) \* thickness (FT) \* K (FT/DAY) \* gradient (FT/FT)

**CALCULATE PLUME-SPECIFIC DILUTION FACTORS (DF)**

DF = 0.25(7Q10<sub>EFF</sub>) / (Q<sub>plume</sub>)

Plume	width (ft)	thickness (ft)	K (ft/day)	gradient (ft/ft)	Q <sub>plume</sub>	7Q10 (CFD)	Q <sub>plume</sub>	DF
Arsenic	600	20	0.028	0.0608	20.4288	77414.4	20.667	936

Plume	LOWEST CRITERIA <sup>1</sup>	ASWPC (ug/L)	ASWPC (mg/L)
Arsenic	0.011	10.3009435	0.010301

**Notes:**

<sup>1</sup>Lowest Criteria for Human Health Criteria (Water & Organisms)

ASWPC = Alternative Surface Water Protection Criteria

ug/l = micrograms per liter

mg/l = milligrams per liter