

# HRP Associates, Inc.

Creating the Right Solutions Together

April 25, 2007

Mr. Peter Hill  
Permitting, Enforcement and Remediation Division  
Connecticut Department of Environmental Protection  
79 Elm Street  
Hartford, CT 06106

RE: MARCH 2007 SEMI-ANNUAL GROUND WATER MONITORING REPORT,  
FORMER TORRINGTON COMPANY FACILITY, BOOTH STREET, NEW  
BRITAIN, CONNECTICUT (HRP #ING0052.OM)

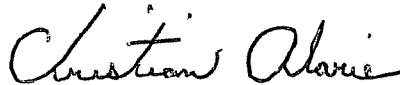
Dear Mr. Hill:

Attached for your review is the report describing the March 2007 ground water monitoring event at the site referenced above.

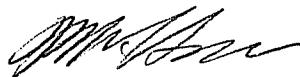
If you have any questions or require any additional information, please contact HRP at (860) 674-9570.

Sincerely,

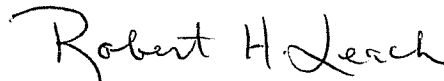
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**MARCH 2007  
SEMI-ANNUAL GROUND WATER  
MONITORING REPORT**

**FORMER TORRINGTON COMPANY  
BOOTH STREET  
NEW BRITAIN, CONNECTICUT**

**HRP #ING0052.OM**

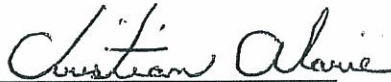
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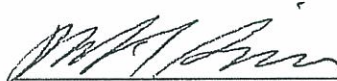
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## 1.0 BACKGROUND

This report presents the findings of the semi-annual ground water monitoring conducted on March 9, 2007 by HRP Associates, Inc. (HRP) at the former Torrington Company facility located on Booth Street in New Britain, Connecticut. The report includes the results of a 2-day vapor extraction at RMW-8R.

The subject site currently consists of a grassy, gently sloping lot with no buildings, except for an office building that was constructed in 2001 on the easternmost portion of the site. All of the former industrial buildings were demolished concurrent with soil remediation activities at the site between 1998 and 2000. The site is currently owned by the City of New Britain.

HRP completed remedial actions (soil excavation and regrading and off-site disposal) at the site in 1999. A Remedial Action Report (RAR), issued after completion of this work, was approved by the Connecticut Department of Environmental Protection (CT DEP) in March 2001. The RAR included a post-remediation ground water monitoring plan for the site that consisted of ground water monitoring on a quarterly schedule. Quarterly ground water monitoring was conducted at the site until August 2002. The monitoring frequency was subsequently reduced to semi-annual based on the concentrations of substances detected and the presence of non-aqueous phase liquid (NAPL) in certain monitoring wells. This adjustment to the Ground Water Monitoring Plan was outlined in a letter to the CT DEP dated September 5, 2002.

During the post-remediation ground water-monitoring period, halogenated volatile organic compounds (HVOCs) have been detected in ground water in the vicinity of well RMW-8R in the central portion of the site. The ground water plume is roughly defined by wells RMW-8R, RMW-10, RMW-11, RMW-12, and RMW-13. 1,1,1-Trichloroethane (TCA) is typically the most dominant compound in the ground water plume. The highest levels of TCA have historically been detected in wells RMW-8R and RMW-11. Breakdown products of TCA [(cis-1,2-dichloroethylene (c12DCE), 1,1-dichloroethylene (11DCE), and vinyl chloride (VC)] have also been detected in wells RMW-8R, RMW-10, RMW-11, and RMW-12.

The source of HVOCs in ground water is believed to be a probable historical release to a floor drain/dry well previously located inside or immediately adjacent to former Building #53. The location of this feature coincides with Remediation Area #5 in the RAR. Solvents and total petroleum hydrocarbons were identified in soil in the vicinity of the floor drain/dry well during the initial investigations of the site. Contaminated soil in the vicinity

of the former floor drain/dry well was excavated to the ground water table (approximately 5 ft below grade) in 1999. Confirmatory soil sampling of the excavation did not indicate the presence of contamination in soil above applicable RSR criteria. Additional investigation in this area in 2005 did not identify residual soil contamination. The source of the HVOCs that have persisted in ground water in and downgradient of this area is concluded to be residual contamination in the shallow bedrock aquifer beneath the former floor drain/drywell.

The subject site is located in a GB ground water classification area. An application for an Environmental Land Use Restriction (ELUR) is planned to be submitted for the subject site to the DEP by the City of New Britain. The ELUR would restrict current and future use of the site to commercial and/or industrial. Applicable RSR criteria for ground water at this site are therefore the Industrial/Commercial Volatilization Criteria (I/C VC) and the Surface Water Protection Criteria (SWPC).

The DEP has proposed changes to the Residential VC and I/C VC based on new toxicological information and a revised contaminant transport model for volatile contaminants in the subsurface. The proposed changes include revised numerical ground water criteria for compounds identified in ground water at the site. The DEP has indicated that on-going projects should utilize the proposed criteria for evaluation of investigations and remedial actions. The Significant Hazard Notification (SHN) statute (CGS § 22a-6u) is based on the Volatilization Criteria listed in the RSR, which are the current criteria until the proposed criteria are formally adopted by regulation. To be as consistent as possible with current regulations and CT DEP policies, data obtained during this investigation was compared to the current Volatilization Criteria for evaluation of the SHN statute, whereas the proposed Volatilization Criteria were used to evaluate the results with respect to the need for further investigations and/or remedial actions.

## 2.0 SITE GEOLOGY

Depth to bedrock at the site ranges from approximately 1 to 20 feet below existing-grade. The depth to rock is generally shallower (5-10 feet below grade) in the northern and central portions of the site. Bedrock was encountered at 16 feet below grade in the newly installed RMW-29, located on the southeast portion of the site (for details on this well, see the February 2006 ground water monitoring report). Bedrock at the site consists of inter-bedded reddish-brown siltstone and fine-grained sandstone units mapped as the East Berlin Formation. Bedding planes of this formation in the area of the site are mapped as trending roughly north-south and dipping to the southeast at a low angle. The unconsolidated geologic deposits above the bedrock at the site are mapped as glacial till, which is consistent with reddish, dense, fine sand and silt encountered during drilling activities at the site.

### 3.0 VACTOR TRUCK EXTRACTION AT RMW-8R

Historically the highest concentrations of HVOCs in ground water have occurred in well RMW-8R. This well appears to be in the source area for the HVOCs in ground water, a floor drain discharge beneath a former building. The wells closest to RMW-8R have lower concentrations of HVOCs, which appears to indicate that the area of the shallow bedrock aquifer that is impacted with the highest HVOC concentrations is limited. Therefore, extraction of ground water and vapor utilizing a Vactor truck was conducted for RMW-8R in February 2007. This is the second such event, the other occurred in February 2006. The extraction event was conducted during a relatively high water table to maximize the HVOC removal.

A tight-fitting manifold was constructed to allow extraction of ground water and application of vacuum to the shallow bedrock aquifer. The manifold was constructed using schedule-40 PVC piping and fittings and solvent welded connections. This manifold was secured to the top of the RMW-8R well screen with a Fernco® fitting and included a sample port to allow collection of air samples for Photoionization Detector (PID) screening (air samples were not collected for analytical analysis). The manifold was constructed with a fitting to allow connection to the Vactor truck equipment. The Vactor truck extraction took place for 8 hours on two consecutive days, February 20 and 21, 2007.

The vacuum pressure applied to RMW-8R ranged from 11 to 17 inches of mercury ("Hg). PID readings of air inside the manifold were collected at regular intervals from the Vactor truck extraction and ranged from 0.4 to 29.4 parts per million (ppm). The depths to ground water in wells in close proximity to RMW-8R (RMW-7, RMW-8, RMW-10, RMW-11, RMW-22, RMW-23, RMW-25, and RMW-26) were gauged to evaluate the effect of extraction from RMW-8R on the wells' water level. The ground water elevation in RMW-8, the well closest to RMW-8R, decreased a total of 1.81 feet over the course of the first day of Vactor truck extraction and approximately 1.75 feet the second day. The ground water elevation in RMW-25, also very close to RMW-8R, decreased a total of 0.41 feet over the course of the first day, however the presence of snow melt in the vicinity of this shallow well appeared to affect the readings on the second day. The other wells are further away from RMW-8R and showed minimal change in the water table.

A total of 664 gallons of water was removed from RMW-8R during the two days of vactor work. Ground water samples were not collected during or immediately after ground water removal. Liquids removed from the well were disposed off site by United Industrial Services, Inc.

#### 4.0 NON-AQUEOUS PHASE LIQUID MONITORING

Light non-aqueous phase liquid (LNAPL or NAPL) was first detected in wells RMW-2 and RMW-10 during the October 2001 monitoring event. NAPL has also been detected in other wells since that time (RMW-6 and RMW-9). In April 2002, HRP installed absorbent (i.e., SoakEase™) pads in RMW-2 and RMW-10 as a remedial measure to remove NAPL accumulated in the wells. The NAPL thicknesses have generally declined since 2003. Wells RMW-6 and RMW-9 have not contained NAPL during the monitoring events from May 2005 through the current monitoring event (March 9, 2007). Well RMW-2 has had no measurable NAPL since August 2005, and NAPL was not detected in RMW-10 from December 2005 to February 2006. However, NAPL was detected in RMW-10 (0.01 feet) during the March 9<sup>th</sup> gauging event. NAPL has also not been detected in monitoring wells RMW-27 and RMW-28, which have been gauged since October 2005. Based upon the trend of diminishing NAPL in the monitoring wells, HRP submitted a request to the CT DEP to change the well gauging interval from monthly to bi-monthly, in November 2006. Verbal approval was granted to modify the gauging plan By the CT DEP.

During this semi-annual period, wells RMW-2, RMW-6, RMW-9, RMW-10, RMW-27, and RMW-28 were monitored for the presence of NAPL between October 2006 and March 2007. Only well RMW-10 contained a measurable thickness of NAPL during the monitoring period (0.01 feet). Appendix A contains the monitoring field data logs for the NAPL gauging events conducted over this period (October 2006 through March 2007). HRP personnel only replaced the absorbent pad in RMW-10 in March 2007. Due to the absence of NAPL, the absorbent pads did not need to be changed during the other gauging events. The spent absorbent pad is stored in a 55-gallon drum in a locked storage shed on the site, along with drums of well development water generated during ground water monitoring. These waste materials are periodically taken off-site for disposal by a licensed waste hauler as needed.

The historical measured thickness of NAPL in well RMW-2 appears to be related to the elevation of the water table. Figure 1 is a graph of the NAPL thickness and depth to water measurements for well RMW-2 from October 2001 to March 2007. When the water table drops in elevation, measured NAPL thickness generally increases. This is believed to be the result of the liberation of residual NAPL (i.e., petroleum-based substances) from the interstitial pore spaces in soil within the zone of water table fluctuation.



## 5.0 GROUND WATER MONITORING

### 5.1 Sampling Methods

HRP submitted a Request for Alteration to the Post Remediation Ground Water Monitoring Plan to the CT DEP in December 2005. The proposed alterations were based on the monitoring data collected during 2001 through 2005 and were intended to focus ground water monitoring efforts on the plume of volatile organic compounds (VOC) in the central portion of the site. On September 19, 2006, the CT DEP approved the revised Post Remediation Ground Water Monitoring Plan, which is summarized in the table below.

Well ID	Analytical Parameters
RMW-6 and RMW-27	ETPH only
RMW-8R, RMW-10, RMW-11, RMW-12, RMW-15 RMW-22, RMW-23, and RMW-24,	VOCs only
RMW-9, RMW-13, and RMW-17	VOCs and ETPH
RMW-29	VOCs and Total As via low-flow sampling
Notes: <ul style="list-style-type: none"><li>- RMW-2, RMW-6, RMW-9, RMW-10, RMW-27 and RMW-28 will be monitored Bi-Monthly for LNAPL</li><li>- All site wells will be gauged for LNAPL semi-annually</li><li>- A plan for compliance ground water monitoring will be submitted to the CT DEP prior to implementation</li></ul>	

The changes to the Post Remediation Ground Water Monitoring Plan include cessation of sampling for PCBs and metals (except for arsenic in well RMW-29) since these constituents have generally not been detected above RSR criteria. In addition, the revised Plan includes sampling only selected down gradient wells for ETPH and sampling selected wells near and down gradient of RMW-8R for VOCs.

On March 9, 2007, HRP personnel gauged the depth to water in 29 monitoring wells at the subject site and collected ground water samples from 14 of those wells (Tables 1 and 2). Well RMW-29, which was installed in February 2006, was sampled utilizing modified EPA Low Flow techniques to minimize the stress on the well and limit mixing of the water column and produce little to no drawdown of the water column in the well. Low flow sampling was conducted to decrease turbidity of this sample to provide more accurate total metals data. Low flow techniques historically were employed at the site to evaluate historical discrepancies between

laboratory analysis of filtered and unfiltered ground water samples for metals. The remaining 13 monitoring wells were sampled using dedicated bailers.

Prior to sampling each well, the depth to water measurements were taken to determine the middle of the water column (RMW-29, for low flow tubing placement) and to determine the amount of water to purge from the well. The sample from RMW-29 was collected using a peristaltic pump following stabilization of pH, temperature, specific conductivity, oxidation-reduction potential, dissolved oxygen, and turbidity (measurements were recorded using a YSI 600 XLM in-line flow-through cell at an interval of 3 minutes). A low-flow data sheet for the March 2006 RMW-29 sampling is included in Appendix B. Monitoring wells RMW-8R, -9, -10, -11, -13, and -27 were purged by removing approximately three well volumes of water using dedicated bailers. Monitoring wells RMW-6, -12, -15, -17, -22, -23, and -24 were purged dry (Appendix A-March 9, 2007 monitoring sheet) without removing three well volumes. HRP also measured the depth to water in the 15 site wells that were not sampled as part of this monitoring event to determine the direction of ground water flow at the site (see below).

Ground water samples were stored on ice and submitted to a State-certified independent laboratory for analysis. A trip blank was collected and analyzed for VOCs and one duplicate sample was collected from well RMW-9 for QA/QC purposes.

## **5.2 Ground Water Flow**

The depth to ground water in the 29 site wells ranged from 2.73 feet (RMW-25) to 18.39 feet (RMW-21) below grade during the March 2007 sampling event (Table 1). A ground water flow direction was calculated for both the overburden and bedrock aquifers of the site. Overburden ground water elevations for this event show inferred flow patterns to the south-southeast (Figure 2). The horizontal hydraulic gradient was 0.058 ft/ft (measured between well RMW-3 and well RMW-13). This direction and magnitude of ground water flow gradient is consistent with those of previous monitoring events. The elevation of the water table decreased an average of 0.53 feet since the previous sampling event in September 2007. This fluctuation of water table elevations is generally consistent with previously observed seasonal patterns at the site. Bedrock ground water was interpreted to also flow to

the south-southeast, based on data collected from wells RMW-22 through RMW-26 and RMW-28, and RMW-29 (Figure 3).

A comparison between the elevation of the bedrock water table and the overburden water table was made using three well pairs: RMW-8R/RMW-25, RMW-13/RMW-29, and RMW-27/RMW-28. The following table provides the vertical difference in water levels at each well pair, the distances between the well screen center points, and the flow gradient slopes and directions.

Well Pair ID	Vertical Difference in Water Levels (ft)	Vertical Difference Between Well Screen Centers (ft)	Gradient
RMW-8R/RMW-25	0.02	2.5	+0.008
RMW-13/RMW-29	0.62	26.5	-0.023
RMW-27/RMW-28	2.74	14.0	-0.195
+ = upward gradient		- = downward gradient	

A very slight downward flow gradient was observed at the location of RMW-13/RMW-29 and RMW-27/RMW-28, with a slight upward gradient at the RMW-8R/RMW-25 location. This indicates that there appears to be a downward component of ground water flow from the overburden to the bedrock, with some variation (RMW-8R/RMW-25).

It is noted that although the overburden aquifer is thinner (typically less than 10 feet) in the northern portion of the site, saturated overburden is present in those areas above the bedrock aquifer. Along the southern property boundary, the interval of saturated overburden materials increases in thickness corresponding to the overall increase in overburden material thickness above the bedrock surface. Table 1 summarizes well completion data and depth to ground water measurements for the well network for this event.

### 5.3 Laboratory Results

#### Volatile Organic Compounds

Volatile organic compounds (VOCs) were analyzed in 12 of the 14 ground water samples and were detected in 10 samples (no VOCs were detected in RMW-17 and -29). The concentrations of total VOCs ranged from 3 to 4,630 parts per billion (ppb). The distribution of VOC's detected during this sampling event is similar to the overall distribution observed during previous monitoring events with some

fluctuations. The concentrations of tetrachloroethylene (PCE) and 1,1,1-trichloroethane (TCA) increased in well RMW-8R. A summary of the VOCs detected during the March 2007 monitoring event is included in Table 2. Historic detections of VOCs are presented in Table 3. The complete laboratory reports are included in Appendix C.

#### Halogenated VOCs

HVOCs were detected in 10 wells and concentrations of total HVOCs ranged from 3 to 4,630 ppb. HVOCs identified in ground water included the chlorinated solvents TCA, PCE, trichloroethylene (TCE), and their associated natural breakdown products. TCA continues to be the most prevalent HVOC present in ground water on the site.

The concentrations of PCE detected in RMW-8R and 11DCE detected in RMW-11 exceed the SWPC and the concentration of vinyl chloride detected in RMW-23 exceeds the Proposed I/C VC. No constituents were observed above applicable standards in the other wells sampled during this monitoring event. Figure 4 shows the well locations and the concentrations of TCA and 11DCE detected during the March 2007 sampling event.

The plume of HVOCs in ground water in the central portion of the subject site is roughly defined by wells RMW-8R, RMW-10, RMW-11, RMW-12, RMW-13, RMW-23, and RMW-24. Concentrations of HVOCs were also detected in RMW-9, -15 and -22 during this sample event. Well RMW-11 appears to be located in the approximate midpoint of the on-site plume, and contains the highest concentration of TCA. The plume extends north to the area of RMW-23, RMW-8R, and RMW-24, and as far southeast as RMW-13. Well RMW-21, which was installed to evaluate the extent of the plume to the southeast, did not contain detectable concentrations of HVOCs for two consecutive sampling events (August 2005 and February 2006), and therefore has not been sampled since that time. Previously, the HVOC concentrations in RMW-8R have been the highest on the site. A vector truck was used to extract contaminated water and vapor from RMW-8R in February 2006. A notable decrease in total HVOC concentrations occurred after ground water removal. The same event occurred in February 2007 (see section 3.0), however total HVOCs detected in RMW-8R in March 2007 (after the vac out), increased (Table 3). Overall, the concentrations of VOCs in RMW-8R have declined during the moni-

toring period. Total HVOC concentrations in other plume wells including RMW-11, RMW-12, and RMW-13 have remained steady with some fluctuation. Concentrations of key constituents and total HVOC concentrations are shown in Figure 5 (RMW-8R), Figure 6 (RMW-11), and Figure 7 (RMW-13).

#### Aromatic VOCs

Aromatic volatile organic compounds (AVOCs) associated with petroleum were detected in wells RMW-9, and RMW-13. The presence of AVOCs in these wells is attributed to residual petroleum contamination below the water table in the areas of previous soil remediation. The concentrations of AVOCs in these wells are fairly consistent with previous monitoring events, however AVOCs have also been detected in RMW-8R, -22, -23 and -29 in the past, but were not detected in these wells during this sample event. No exceedances of RSR criteria were detected for AVOCs in ground water at the site during the March 2007 sampling event.

#### Extractable Total Petroleum Hydrocarbons

Samples from wells RMW-6, RMW-9, RMW-13, RMW-17, and RMW-27 were analyzed for ETPH during the March 2007 event. ETPH was detected in four of the five samples (none was detected in RMW-17) at concentrations ranging from 0.8 to 39.1 mg/L. Those results are slightly higher than the September 2006 results, but are generally similar to historical concentrations. The only exceptions are the concentrations of ETPH detected in RMW-9 and RMW-27. The higher concentrations can be attributed to the method of sample collection. Previously these wells were sampled using low-flow sampling methodology, but were sampled with a bailer in March 2007. The March 2007 ETPH results are summarized in Table 2. Historical detections of ETPH are summarized in Table 5.

Historically, ETPH has been detected in the central and southern portions of the site, corresponding to areas where excavation of petroleum-impacted soils occurred in 1999. Historically, RMW-2 and RMW-10 have contained LNAPL. Periodic LNAPL gauging has been completed at the site since 2000. Well RMW-2 has had no measurable LNAPL since August 2005, however, LNAPL was detected in RMW-10 (0.01 feet) during the March 9<sup>th</sup> gauging event. Throughout the post remediation monitoring period, ETPH has not been detected or has been detected

at low and declining concentrations in downgradient wells along Myrtle Street. Therefore, it appears that the ground water plume from residual petroleum in the remediation areas is limited and only low-level impacts of ETPH remain. The September 2006 and March 2007 results for ETPH support this conclusion.

### Metals

An unfiltered ground water sample was collected from RMW-29 during the March 2007 sampling event using low flow techniques and was analyzed for total arsenic. No arsenic was detected above the laboratory minimum detection limit (MDL) of 0.004 mg/L (the SWPC is 0.004 mg/L). The September 2006 ground water sample results also did not indicate the presence of arsenic. Only the sample collected from RMW-29 in February 2006 contained a detectable level of arsenic (0.005 mg/L), which slightly exceeded the SWPC. The detection of that low concentration was attributed to the higher turbidity of that well, which was recently installed at that time, and was expected to decrease over time. The September 2006 and March 2007 results for arsenic support this conclusion. Also, based on those results it does not appear that a release of arsenic has occurred at this location and future sampling of this well for arsenic will occur when compliance monitoring begins. The laboratory results for arsenic for this well are summarized in Table 4 and 6A and the low flow sampling data sheet for RMW-29 is included in Appendix B.

## **5.4 Significant Hazard Notification Evaluation**

The CT DEP's Significant Hazard Notification Program (Public Act 98-134, and CGS § 22a-6u) requires that certain findings that could potentially pose a risk to human health or the environment be reported by the property owner to the CT DEP. Based on the March 2007 ground water results, no significant hazard conditions exist at the subject site.

## 6.0 CONCLUSIONS

Based on the results of the March 2007 monitoring results, HRP concludes the following

1. HRP completed a remedial Vactor-truck extraction at RMW-8R on February 20 and 21, 2007, during which a total of 664 gallons of water were removed from the well. However, HVOC concentrations (PCE and TCA) increased during this sample event. The concentrations of HVOCs in RMW-8R have declined overall during the post remedial monitoring.
2. HRP conducted ground water sampling at the site on March 9, 2007. Ground water sample results for that event identified exceedances of the SWPC for PCE and 11DCE for RMW-8R and RMW-11, respectively. An exceedance of the proposed I/C VC for Vinyl Chloride was also detected in RMW-23. No other constituents were in excess of the RSR criteria in any of the other site wells sampled during the March sample event.
3. The plume of HVOCs in ground water in the central portion of the site appears to be stable based on comparison of the current monitoring data with the previous post remediation ground water monitoring results. Further verification of the stabilization of the plume and the lack of significant downgradient migration is shown in the concentrations of HVOCs in on-site downgradient wells. Only low concentrations of HVOCs were detected in monitoring wells RMW-13, and RMW-12 during this sample event and no detectable concentrations of HVOCs were detected in wells RMW-9, RMW-29, and RMW-17.
4. The distribution of PCE and TCA and associated breakdown products indicates that natural attenuation of the HVOC plume is occurring.
5. The February 2006 sampling event was conducted utilizing low-flow sampling techniques and laboratory analysis for metals for unfiltered samples, resulting in the detection of only one metal (arsenic) in newly installed RMW-29. RMW-29 was sampled only for arsenic during the September 2006 and March 2007 events and none was detected. It is concluded that the detection of arsenic in RMW-29 during the February 2006 sampling event was due to higher turbidity at that time related to the recent installation of the well and that a release had not occurred. As such, future sampling of this well for arsenic will occur when compliance monitoring begins.
6. The NAPL thicknesses observed in the wells have continued to decline. Wells RMW-6 and RMW-9 have not contained NAPL during the monitoring events from May 2005 through the current monitoring event (March 9, 2007). Well RMW-2 has had no measurable NAPL since August 2005, and NAPL was not detected in RMW-10 from December 2005 to February 2006. However, NAPL was detected in RMW-10 (0.01 feet) during the March 9<sup>th</sup> gauging event. NAPL has also not been detected in monitoring wells RMW-27 and RMW-28, which have been gauged since October 2005. Based upon the trend of diminishing NAPL in the monitoring wells, HRP submitted a request to the DEP to change the well gauging interval from monthly to bi-monthly in November 2006. Verbal approval was granted by the CT DEP to modify the gauging plan.

7. Low concentrations of ETPH were detected in ground water in the downgradient wells sampled in March 2007. The concentrations of ETPH detected in RMW-6, -9 and -27 were higher than the previous sample round. This is most likely as a result of the method of sample collection. These wells were not low-flow sampled as in the past, rather they were sampled with a bailer. As such, the higher ETPH concentrations may be due to the higher silt content in the bailed samples. However, the March 2007 ETPH results support the conclusion that the ground water plume from residual petroleum in the remediation areas is limited and is generally decreasing over time.



## 7.0 SCHEDULE

HRP will continue site visits (Bi-Monthly) to evaluate NAPL thickness in wells RMW-2, RMW-6, RMW-9, RMW-10, RMW-27 and RMW-28 and change the absorbent pads in RMW-2 and RMW-10 as needed. The next ground water sampling event is scheduled for September 2007 based on the current semi-annual schedule.

## TABLES

**TABLE 1**  
**Former Fafnir Bearing**  
**New Britain, Connecticut**  
**September 9, 2007**

**Monitoring Well Elevation Data Summary**

Well ID	Elevation of Well (ft)	Handway Elevation (ft)	Screened Interval (ft-bg)	Depth to Rock (ft-bg)	BR*	Depth to Water (ft) March 2007	Elevation of Water Table (ft)
RMW-1	329.15	329.47	3-15	10		4.88	324.27
RMW-2	325.34	325.52	3-18	10		7.29	318.05
RMW-3	347.05	347.22	4-19	16		9.35	337.70
RMW-4	332.03	332.30	2-17	10		4.70	327.33
RMW-5	328.97	329.23	4-24	15		8.30	320.67
RMW-6	324.01	324.37	10-22	NE		11.33	312.68
RMW-7	333.56	333.78	2-14	NE		4.21	329.35
RMW-8R	330.50	330.95	2-12	10		2.87	327.63
RMW-9	324.36	324.60	4.5-19.5	19.5		10.27	314.09
RMW-10	328.55	328.73	3-18	15		6.68	321.87
RMW-11	325.61	325.84	4-19	15		11.82	313.79
RMW-12	323.59	323.83	4.5-20.5	14.5		14.95	308.64
RMW-13	317.40	317.66	4-29	18.5		16.95	300.45
RMW-14	322.46	322.64	8-23	18.5		18.27	304.19
RMW-15	313.88	314.07	5-25	8		11.88	302.00
RMW-16	315.64	315.87	5-25	15		13.75	301.89
RMW-17	313.74	314.01	5-25	9		14.43	299.31
RMW-18	312.90	313.25	3-23	15		18.25	294.65
RMW-19	347.15	347.40	11-26	12		16.48	330.67
RMW-20R	336.26	336.40	5-20	16		14.14	322.12
RMW-21	318.91	319.30	10-25	NE		18.39	300.52
RMW-22	328.14	328.43	20.5-30.5	15	BR	8.61	319.53
RMW-23	330.49	330.70	13.5-23.5	8	BR	7.48	323.01
RMW-24	330.29	330.71	30-40	7	BR	10.16	320.13
RMW-25	330.34	330.83	2-7	7	BR	2.73	327.61
RMW-26	333.51	333.97	14-24	9	BR	3.69	329.82
RMW-27	321.88	322.59	6-16	16		10.68	311.20
RMW-28	321.88	322.59	20-30	16	BR	13.42	308.46
RMW-29**	317.25	317.30	38-48	16	BR	16.18	301.07

Elevations are relative to arbitrary datum

\* BR = Bedrock Well

\*\* New monitoring well. Installed on site February 7, 2006

TABLE 2  
Former Fafnir Bearing  
New Britain, Connecticut

Summary of Groundwater Analytical Data - ETPH AND VOC's  
March 9, 2007

		Halogenated VOCs																				Aromatic VOCs							
Well ID	ETPH	PCE	TCE	TCA	11DCA	12DCA	11DCE	C12 DCE	t12 DCE	VC	14DXA	112TCA	TCTFA	CA	CFM	TCFM	IPBZ	n-PBZ	124 TMB	135 TMB	sec-BB	p-IPTOL	n-BB	t-BB	Naptha	BZ	TOL	XYL	
	mg/l	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
SWPC	NE	88	2,340	62,000	NE	2,970	96	NE	NE	15,750	NE	1,260	NE	NE	14,100	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	710	4,000,000	NE	
Proposed I/C VC	NE	810	67	16,000	41,000	68	920	11,000	13,000	52	NE	2,900	NE	29,000	62	NE	6,800	NE	4,800	3,900	20,000	NE	21,000	NE	NE	310	41,000	48,000	
Current I/C VC	NE	3,820	540	50,000	50,000	90	6	NE	NE	2	NE	19,600	10	50,000	710	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	530	50,000	50,000	
RMW-6	39.1																												
RMW-8R		90.0	-	3,540	86	-	75.0	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RMW-9	23.3	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	8	12	-	-	3	-	2	-	13	-	-	-	
RMW-10		1	5	13	88	5	14	4	-	3	-	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RMW-11		-	-	3,650	260	-	140	580	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RMW-12		2	2	79	94	4	9	38	-	12	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RMW-13	0.8	-	1	25	112	2	-	5	-	21	-	-	-	199	-	-	5	2	-	-	3	-	-	-	-	-	-	-	
RMW-15		-	-	2	2	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
RMW-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RMW-22		-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RMW-23		-	-	1,360	510	-	79	270	-	140	-	-	-	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RMW-24		-	-	1,840	75	-	85	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RMW-27	8.6																												
RMW-29		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Only those constituents detected are summarized  
"- " = Below Detection Limit  
Blank cell = Not analyzed  
NE = Not Established  
SWPC = Surface Water Protection Criteria  
I/C VC = Industrial/Commercial Volatilization Criteria  
Exceedances of SWPC or proposed VC are highlighted

PCE = Tetrachloroethene  
TCE = Trichloroethene  
TCA = 1,1,1-Trichloroethane  
11DCA = 1,1-Dichloroethane  
12DCA = 1,2 Dichloroethane  
11DCE = 1,1 Dichloroethene

C12DCE = cis 1,2 Dichloroethene  
t12DCE = trans,1-2,dichloroethene  
VC = vinyl chloride  
CA = Chloroethane  
CFM = Chloroform  
TCFM = Trichlorofluoromethane

IPBZ = Isopropylbenzene  
PBZ = Propylbenzene  
TMB = Trimethylbenzene  
BB = Butylbenzene  
IPTOL = Isopropyltoluene  
TOL = Toluene

Naptha = Naphthalene  
BZ = Benzene  
14DXA = 1,4-Dioxane  
112TCA = 1,1,2-Trichloroethane  
TCTFA = 1,1,2-Trichlorotrifluoroethane  
XYL = Xylenes

Table 2

**TABLE 3**  
**Former Fafnir Bearing**  
**37 Booth Street, New Britain, Connecticut**

**Summary of Post Remediation Concentrations of Halogenated VOCs in Groundwater**

Well ID	Date	Depth to Water (ft.)	PCE ppb	TCE ppb	111TCA ppb	11DCA ppb	11DCE ppb	C12DCE ppb	VC ppb	CA ppb	CFM ppb	Total HVOCs ppb
RMW-1	Apr-01	5.01	-	-	-	-	-	-	-	-	-	-
	Jul-01	6.11	-	-	-	-	-	-	-	-	-	-
	Oct-01	6.58	-	-	-	-	-	-	-	-	-	-
	Jan-02	6.31	-	13	-	-	-	-	-	-	-	13
	Apr-02	4.75	-	-	-	-	-	-	-	-	-	-
	Aug-02	5.07	-	-	-	-	-	-	-	-	-	-
	Jan-03	3.94	-	-	-	-	-	-	-	-	-	-
	Jul-03	6.45	-	-	-	-	-	-	-	-	-	-
	Jan-04	4.15	-	-	-	-	-	-	-	-	-	-
	Jul-04	5.00	-	-	-	-	-	-	-	-	-	-
	Feb-05	4.33	-	-	-	-	-	-	-	-	-	-
	Aug-05	5.19	-	-	-	-	-	-	-	-	-	-
	Feb-06	4.14	-	-	-	-	-	-	-	-	-	-
	Sep-06	4.60	Not Sampled									
	Mar-07	4.88	Not Sampled									
RMW-2	Apr-01	8.95	-	-	-	-	-	-	-	15	-	15
	Jul-01	12.48	-	-	-	3	-	-	-	42	-	45
	Oct-01	12.31	-	-	-	3	-	-	-	16	-	3
	Jan-02	11.28	-	1	-	-	-	-	-	-	-	1
	Apr-02	8.70	-	-	-	-	-	-	-	-	-	-
	Aug-02	9.65	Not Sampled									
	Jan-03	7.80	-	-	-	1	-	-	-	-	-	1
	Jul-03	8.98	-	-	-	1	-	-	-	11	-	12
	Jan-04	7.76	-	-	-	-	-	-	-	13	-	-
	Jul-04	8.35	-	-	-	-	-	-	-	-	-	-
	Feb-05	7.15	-	-	-	-	-	-	-	1	-	-
	Aug-05	7.96	-	-	BB	-	-	-	-	-	-	-
	Feb-06	6.54	-	-	-	-	-	-	-	-	-	-
	Sep-06	7.38	Not Sampled									
	Mar-07	7.29	Not Sampled									
RMW-3	Apr-01	9.45	-	-	-	-	-	-	-	-	22	22
	Jul-01	11.91	-	-	-	-	-	-	-	-	17	17
	Oct-01	15.05	-	-	-	-	-	-	-	-	14	14
	Jan-02	16.00	-	1	-	-	-	-	-	-	-	1
	Apr-02	13.55	-	-	-	-	-	-	-	-	-	-
	Aug-02	13.23	-	-	-	-	-	-	-	-	-	-
	Jan-03	9.16	-	-	-	-	-	-	-	-	-	-
	Jul-03	10.53	-	-	-	-	-	-	-	-	-	-
	Jan-04	10.04	-	-	-	-	-	-	-	-	-	-
	Jul-04	9.41	-	-	-	-	-	-	-	-	-	-
	Feb-05	8.20	-	-	-	-	-	-	-	-	-	-
	Aug-05	10.96	-	-	-	-	-	-	-	-	-	-
	Feb-06	8.45	-	-	-	-	-	-	-	-	12.2	12.2
	Sep-06	9.26	Not Sampled									
	Mar-07	9.35	Not Sampled									
RMW-4	Apr-01	3.95	-	-	-	-	-	-	-	-	3	3
	Jul-01	4.80	-	-	-	2	-	-	-	-	-	2
	Oct-01	5.63	-	-	-	2	-	-	-	-	-	2
	Jan-02	5.48	-	-	-	2	-	-	-	-	-	2
	Apr-02	5.10	-	-	-	2	-	-	-	-	-	2
	Aug-02	5.10	-	-	-	3	-	-	-	-	-	3
	Jan-03	6.10	-	-	-	1	-	-	-	-	-	1
	Jul-03	6.56	-	-	-	1	-	-	-	-	-	1
	Jan-04	4.24	-	-	-	-	-	-	-	-	-	-
	Jul-04	4.93	-	-	-	-	-	-	-	-	-	-
	Feb-05	4.25	-	-	-	-	-	-	-	-	-	-
	Aug-05	5.11	-	-	-	2	-	-	-	-	-	2
	Feb-06	4.13	-	-	-	-	-	-	-	-	-	-
	Sep-06	4.78	Not Sampled									
	Mar-07	4.70	Not Sampled									
SWPC			88	2,340	62,000	NE	96	NE	15,750	NE	14,100	
Proposed I/C VC			810	67	16,000	41,000	920	11,000	52	29,000	62	
Current I/C VC			3,820	540	50,000	50,000	6	NE	2	50,000	710	

**TABLE 3**  
**Former Fafnir Bearing**  
**37 Booth Street, New Britain, Connecticut**

**Summary of Post Remediation Concentrations of Halogenated VOCs in Groundwater**

Well ID	Date	Depth to Water (ft.)	PCE	TCE	111TCA	11DCA	11DCE	C12DCE	VC	CA	CFM	Total HVOCs
			ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
RMW-5	Apr-01	6.35	-	-	-	-	-	-	-	-	-	-
	Jul-01	7.84	-	-	-	1	-	-	-	-	-	1
	Oct-01	9.09	-	-	-	2	-	-	-	-	-	2
	Jan-02	9.10	-	1	-	2	-	-	-	-	-	3
	Apr-02	8.52	-	-	-	2	-	-	-	-	-	2
	Aug-02	8.81	-	-	-	-	-	-	-	-	-	-
	Jan-03	7.60	-	-	-	1	-	-	-	-	-	1
	Jul-03	10.21	-	-	-	-	-	-	-	-	-	-
	Jan-04	7.55	-	-	-	-	-	-	-	-	-	-
	Jul-04	8.23	-	-	-	-	-	-	-	-	-	-
	Feb-05	7.62	-	-	-	-	-	-	-	-	-	-
	Aug-05	8.72	-	-	-	1	-	-	-	-	-	1
	Feb-06	7.60	-	-	-	-	-	-	-	-	-	-
	Sep-06	8.15	Not Sampled									
	Mar-07	8.30	Not Sampled									
RMW-6	Apr-01	10.70	-	-	-	-	-	-	-	-	-	-
	Jul-01	10.94	-	-	-	20	-	1	2	70	-	93
	Oct-01	12.55	-	-	-	10	-	-	-	41	-	51
	Jan-02	12.32	-	-	-	5	-	1	-	42	-	48
	Apr-02	11.35	-	-	-	4	-	-	-	33	-	37
	Aug-02	11.38	-	-	-	5	-	1	-	49	-	55
	Jan-03	10.76	-	-	-	3	-	-	-	35	-	38
	Jul-03	12.70	-	-	-	3	-	-	-	42	-	45
	Jan-04	10.82	-	-	-	2	-	-	-	38	-	40
	Jul-04	11.37	-	-	-	2	-	-	-	72	-	74
	Feb-05	10.86	-	-	-	-	-	-	-	-	-	-
	Aug-05	11.75	-	-	-	2	-	-	-	-	-	2
	Feb-06	10.69	-	-	-	-	-	-	-	2.1	-	2.1
	Sep-06	10.99	Not Sampled									
	Mar-07	11.33	Not Sampled									
RMW-7	Apr-01	2.35	-	-	-	-	-	-	-	-	3	3
	Jul-01	4.43	-	-	-	-	-	-	-	-	6	6
	Oct-01	7.01	-	-	-	-	-	-	-	-	9	9
	Jan-02	8.32	-	-	-	-	-	-	-	-	-	-
	Apr-02	6.15	-	-	-	-	-	-	-	-	-	-
	Aug-02	5.58	-	-	-	1	-	-	-	-	-	1
	Jan-03	3.25	-	-	-	-	-	-	-	-	-	-
	Jul-03	6.38	-	-	-	-	-	-	-	-	-	-
	Jan-04	3.52	-	-	-	-	-	-	-	-	-	-
	Jul-04	5.20	-	-	-	-	-	-	-	-	-	-
	Feb-05	3.61	-	-	-	-	-	-	-	-	-	-
	Aug-05	5.68	-	-	-	-	-	-	-	-	-	-
	Feb-06	2.84	-	-	-	-	-	-	-	-	1.6	1.6
	Sep-06	4.11	Not Sampled									
	Mar-07	4.21	Not Sampled									
RMW-8R	Apr-01	2.69	2,409	1,772	64,926	375	4,968	2,635	-	-	-	77,085
	Jul-01	2.85	146	57	3,851	58	420	50	-	-	-	4,582
	Oct-01	5.05	1,975	1,081	101,114	1,111	8,874	3,827	-	-	-	117,982
	Jan-02	5.77	1,060	1,040	88,800	1,080	7,490	3,840	-	-	-	103,310
	Apr-02	4.05	2,399	1,395	243,755	1,031	9,654	3,688	-	-	-	261,922
	Aug-02	4.12	3,183	1,405	112,470	1,006	7,084	6,372	-	-	-	131,520
	Jan-03	2.87	-	-	71,600	-	5,410	2,210	-	-	-	79,220
	Jul-03	3.50	358	106	33,155	237	377	859	-	26	-	35,118
	Jan-04	2.94	-	-	11,347	318	796	413	-	-	-	12,874
	Jul-04	1.07	529	119	39,738	999	7,811	4,961	-	74	-	54,231
	Feb-05	2.89	295	-	28,364	523	3,480	1,533	-	-	-	34,195
	Aug-05	4.42	95	-	10,800	760	1,200	600	-	129	-	13,584
	Feb-06	2.26	10.7	3.8	465	169	52.7	62.3	8.5	65.3	-	837
	Sep-06	2.83	13.4	4.4	88.7	382	24.4	30.3	27.5	87.9	-	659
	Mar-07	2.87	90.0	-	3,540	86	75	-	-	-	-	3,791
SWPC			88	2,340	62,000	NE	96	NE	15,750	NE	14,100	
Proposed I/C VC			810	67	16,000	41,000	920	11,000	52	29,000	62	
Current I/C VC			3,820	540	50,000	50,000	6	NE	2	50,000	710	

**TABLE 3**  
**Former Fafnir Bearing**  
**37 Booth Street, New Britain, Connecticut**

**Summary of Post Remediation Concentrations of Halogenated VOCs in Groundwater**

Well ID	Date	Depth to Water (ft.)	PCE	TCE	111TCA	11DCA	11DCE	C12DCE	VC	CA	CFM	Total HVOCs
			ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
RMW-9	Apr-01	9.48	-	-	-	-	-	-	-	-	-	-
	Jul-01	10.02	-	-	-	6	-	-	-	16	-	22
	Oct-01	10.06	-	-	-	5	-	-	-	17	-	22
	Jan-02	10.01	-	-	-	3	-	-	-	11	-	14
	Apr-02	10.00	-	-	-	6	-	-	-	10	-	16
	Aug-02	9.99	-	-	-	7	-	-	-	23	-	30
	Jan-03	9.82	-	-	-	8	-	1	1	9	-	19
	Jul-03	11.86	-	-	-	7	-	-	1	11	-	19
	Jan-04	9.30	-	-	-	7	-	-	-	12	-	19
	Jul-04	10.04	-	-	-	8	-	-	-	-	-	8
	Feb-05	9.94	-	-	3	11	-	-	-	2	-	16
	Aug-05	10.22	-	-	-	7	-	-	-	-	-	7
	Feb-06	9.80	-	-	33.7	38.3	2.8	3.5	2.7	7.1	-	88
	Sep-06	9.93	-	-	-	19.2	-	-	1.8	27.0	-	48
	Mar-07	10.27	-	-	-	4.0	-	-	-	-	-	4
RMW-10	Apr-01	5.07	-	8	294	274	50	22	9	65	-	722
	Jul-01	6.65	-	4	275	340	57	20	8	72	-	776
	Oct-01	7.18	-	-	87	213	11	-	-	31	-	342
	Jan-02	8.56	-	37,333	158	216	35	11	-	23	-	37,776
	Apr-02	7.20	2	5	176	312	37	18	-	26	-	576
	Aug-02	8.98	Not Sampled									
	Jan-03	5.62	-	7	154	173	56	8	3	11	-	412
	Jul-03	8.31	-	-	69	170	28	-	-	19	-	286
	Jan-04	5.57	-	9	87	139	46	4	-	9	-	294
	Jul-04	7.01	-	7	72	246	50	11	6	-	-	392
	Feb-05	5.35	1	4	29	86	27	3	2	2	-	154
	Aug-05	6.81	1	4	24	160	73	6	5	31	-	304
	Feb-06	4.53	-	2.8	6.9	25.9	8.1	1	-	-	-	44.7
	Sep-06	5.52	1.6	4.3	14.9	88.3	20.9	3.8	4.3	10.6	-	148.7
	Mar-07	6.68	1.0	5.0	13.0	88.0	14.0	4	3	9	-	137.0
RMW-11	Apr-01	9.20	24	23	4,723	126	117	864	64	42	-	5,983
	Jul-01	10.62	-	-	2,167	141	272	356	-	-	-	2,936
	Oct-01	12.04	71	26	2,212	-	203	626	132	92	-	3,362
	Jan-02	12.32	26	25	1,590	260	164	407	84	66	-	2,622
	Apr-02	11.50	-	-	1,821	205	127	394	-	-	-	2,547
	Aug-02	11.45	-	-	3,140	335	246	831	86	-	-	4,638
	Jan-03	9.96	22	14	3,506	167	220	470	41	30	-	4,470
	Jul-03	12.76	39	17	4,221	148	216	480	55	36	-	5,212
	Jan-04	10.29	27	17	2,106	211	289	631	58	-	-	3,339
	Jul-04	11.49	39	21	3,738	160	444	1,287	102	-	-	5,791
	Feb-05	10.32	33	18	2,618	167	250	482	118	46	-	3,732
	Aug-05	11.92	-	-	2,879	223	916	549	128	85	-	4,780
	Feb-06	9.62	16.1	11	3,190	194	185	457	56	19.3	-	4,128.4
	Sep-06	10.80	-	-	3,500	302	268	736	249	-	80	5,135.0
	Mar-07	11.82	-	-	3,650	260	140	580	-	-	-	4,630.0
RMW-12	Apr-01	13.29	-	-	150	65	-	-	-	-	-	215
	Jul-01	14.35	1	-	58	105	9	18	6	24	-	221
	Oct-01	15.32	-	-	11	35	2	4	-	-	-	52
	Jan-02	18.43	-	-	12	25	2	2	2	3	-	46
	Apr-02	14.95	-	-	5	43	3	5	-	9	-	65
	Aug-02	14.97	-	1	48	125	8	21	3	20	-	226
	Jan-03	14.09	-	-	41	95	4	20	2	9	-	171
	Jul-03	14.54	1	2	175	161	13	35	8	34	-	429
	Jan-04	14.30	-	-	257	183	13	36	9	34	-	532
	Jul-04	14.79	-	-	157	190	23	77	15	-	-	462
	Feb-05	14.16	-	-	219	118	7	14	2	2	-	362
	Aug-05	15.18	1	2	73	86	14	14	11	41	-	242
	Feb-06	13.65	-	-	590	212	13.9	21.7	-	4.6	-	842
	Sep-06	14.50	1.6	1.3	117	96.2	9.8	33.3	5.5	9.4	-	274.1
	Mar-07	14.95	2	2	79	94	9	38	12	12	-	248.0
SWPC			88	2,340	62,000	NE	96	NE	15,750	NE	14,100	
Proposed I/C VC			810	67	16,000	41,000	920	11,000	52	29,000	62	
Current I/C VC			3,820	540	50,000	50,000	6	NE	2	50,000	710	

**TABLE 3**  
**Former Fafnir Bearing**  
**37 Booth Street, New Britain, Connecticut**

**Summary of Post Remediation Concentrations of Halogenated VOCs in Groundwater**

Well ID	Date	Depth to Water (ft.)	PCE ppb	TCE ppb	111TCA ppb	11DCA ppb	11DCE ppb	C12DCE ppb	VC ppb	CA ppb	CFM ppb	Total HVOCs ppb
RMW-13	Apr-01	16.56	-	-	-	-	-	-	-	-	-	-
	Jul-01	17.22	-	-	3	19	-	-	3	167	-	192
	Oct-01	18.02	-	-	3	51	-	-	3	235	-	292
	Jan-02	18.01	-	-	-	27	-	-	3	292	-	322
	Apr-02	17.65	-	-	1	24	-	-	-	296	-	321
	Aug-02	17.54	-	1	10	63	-	4	18	262	-	358
	Jan-03	16.92	-	1	3	41	-	2	6	276	-	329
	Jul-03	19.04	-	-	-	21	-	-	-	196	-	217
	Jan-04	16.77	-	-	-	19	-	-	-	240	-	259
	Jul-04	17.22	-	1	13	61	-	3	13	-	-	91
	Feb-05	16.75	-	1	21	-	82	4	28	200	-	336
	Aug-05	17.50	-	-	38	115	3	4	23	261	-	444
	Feb-06	16.43	-	1	55	171	1	6.2	31	164	-	429.2
	Sep-06	16.90	-	-	44.2	119	-	5.6	43	257	-	468.8
	Mar-07	16.95	-	1	25	112	-	5	21	199	-	363.0
RMW-14	Apr-01	15.88	-	-	3	10	-	-	-	-	-	13
	Jul-01	17.68	-	-	4	8	-	-	-	-	-	12
	Oct-01	19.16	-	-	-	-	-	-	-	-	-	-
	Jan-02	19.52	2	1	6	10	1	1	-	-	-	21
	Apr-02	18.70	-	-	-	7	-	-	-	-	-	7
	Aug-02	18.39	-	-	1	7	-	-	-	-	-	8
	Jan-03	16.67	-	-	3	6	-	-	-	-	-	9
	Jul-03	19.70	-	-	-	4	-	-	-	-	-	4
	Jan-04	16.86	-	-	-	4	-	-	-	-	-	4
	Jul-04	18.03	-	-	-	3	-	-	-	-	-	3
	Feb-05	16.85	-	-	2	4	-	-	-	-	-	6
	Aug-05	18.71	-	-	-	2	-	-	-	-	-	2
	Feb-06	15.78	-	-	-	4.5	-	-	-	-	-	4.5
	Sep-06	17.48	Not Sampled									
	Mar-07	18.27	Not Sampled									
RMW-15	Apr-01	6.79	-	-	-	9	-	-	-	-	-	9
	Jul-01	9.29	-	-	4	4	-	-	-	-	-	8
	Oct-01	10.54	-	-	4	6	-	-	-	-	-	10
	Jan-02	10.49	1	-	5	5	-	-	-	-	-	11
	Apr-02	10.20	-	-	2	4	-	-	-	-	-	6
	Aug-02	10.15	-	-	3	6	-	-	-	-	-	9
	Jan-03	Not Sampled										
	Jul-03	8.58	-	-	2	7	-	-	-	-	-	9
	Jan-04	7.75	-	-	3	14	-	-	-	-	-	17
	Jul-04	11.78	-	-	3	6	-	-	-	-	-	9
	Feb-05	9.06	-	-	5	20	-	-	-	-	-	25
	Aug-05	12.52	-	-	2	2	3	-	-	-	-	7
	Feb-06	6.35	-	-	15.6	14	1.1	-	-	-	1.2	31.9
	Sep-06	8.95	-	-	4.6	6.3	-	-	-	-	1.2	12.1
	Mar-07	11.88	-	-	2.0	2	-	-	-	-	5.0	9.0
RMW-16	Apr-01	8.73	-	3	2	4	-	2	-	-	-	11
	Jul-01	12.94	-	-	-	2	-	1	-	-	-	3
	Oct-01	15.31	-	6	-	6	-	2	-	-	-	14
	Jan-02	15.65	-	10	3	2	1	4	2	-	-	22
	Apr-02	15.00	-	6	-	4	-	3	-	-	-	13
	Aug-02	12.59	-	5	-	3	-	2	1	-	-	11
	Jan-03	10.95	-	3	1	4	-	1	-	-	-	9
	Jul-03	12.33	-	1	-	1	-	-	-	-	-	2
	Jan-04	11.41	-	3	1	4	-	-	-	-	-	8
	Jul-04	12.31	-	3	1	3	-	-	-	-	-	7
	Feb-05	11.50	-	3	3	4	-	-	-	-	-	10
	Aug-05	13.48	-	-	-	-	-	-	-	-	-	-
	Feb-06	9.22	-	2.1	2.8	3.8	-	-	-	-	-	8.7
	Sep-06	11.30	Not Sampled									
	Mar-07	13.75	Not Sampled									
SWPC			88	2,340	62,000	NE	96	NE	15,750	NE	14,100	
Proposed I/C VC			810	67	16,000	41,000	920	11,000	52	29,000	62	
Current I/C VC			3,820	540	50,000	50,000	6	NE	2	50,000	710	



**TABLE 3**  
**Former Fafnir Bearing**  
**37 Booth Street, New Britain, Connecticut**

**Summary of Post Remediation Concentrations of Halogenated VOCs in Groundwater**

Well ID	Date	Depth to Water (ft.)	PCE	TCE	111TCA	11DCA	11DCE	C12DCE	VC	CA	CFM	Total HVOCs
			ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
RMW-17	Apr-01	13.26	-	-	-	4	-	-	-	-	-	4
	Jul-01	14.12	-	-	1	4	-	-	-	-	-	5
	Oct-01	14.93	-	-	-	4	-	-	-	-	-	4
	Jan-02	15.94	-	-	3	3	-	-	-	-	-	6
	Apr-02	14.72	-	-	-	3	-	-	-	-	-	3
	Aug-02	14.38	-	-	-	3	-	-	-	-	-	3
	Jan-03	13.83	-	-	2	1	-	-	-	-	-	3
	Jul-03	15.81	-	-	-	1	-	-	-	-	-	1
	Jan-04	13.78	-	-	-	-	-	-	-	-	-	-
	Jul-04	13.92	-	-	-	1	-	-	-	-	-	1
	Feb-05	13.87	-	-	-	1	-	-	-	-	-	1
	Aug-05	14.96	-	-	-	-	-	-	-	-	-	-
	Feb-06	13.71	-	-	-	1.1	-	-	-	-	-	-
	Sep-06	14.02	-	-	-	-	-	-	-	-	-	-
RMW-18	Mar-07	14.43	-	-	-	-	-	-	-	-	-	-
	Apr-01	16.23	-	-	17	13	-	11	-	-	-	41
	Jul-01	18.08	-	-	12	9	2	5	-	-	-	28
	Oct-01	19.17	-	-	5	6	-	-	-	-	-	11
	Jan-02	19.72	-	-	5	10	1	2	-	-	-	18
	Apr-02	18.82	-	-	6	10	1	2	-	-	-	19
	Aug-02	18.15	-	-	4	5	-	1	-	-	-	10
	Jan-03	17.03	-	-	5	6	-	2	-	-	-	13
	Jul-03	17.82	-	-	3	3	-	-	-	-	-	6
	Jan-04	17.25	-	-	3	5	-	-	-	-	-	8
	Jul-04	18.07	-	-	2	3	-	-	-	-	-	5
	Feb-05	17.08	-	-	19	11	2	5	-	-	-	37
	Aug-05	18.59	-	-	1	2	-	-	-	-	-	3
	Feb-06	16.30	-	-	1.4	2.5	-	-	-	-	-	3.9
RMW-19	Sep-06	17.41	Not Sampled									
	Mar-07	18.25	Not Sampled									
	Apr-01	14.48	-	-	-	-	-	-	-	-	4	4
	Jul-01	16.54	-	-	-	-	-	-	-	-	3	3
	Oct-01	17.31	-	-	-	-	-	-	-	-	4	4
	Jan-02	16.40	-	-	1	-	-	-	-	-	-	1
	Apr-02	16.50	-	-	-	-	-	-	-	-	-	-
	Aug-02	17.84	-	-	-	-	-	-	-	-	-	-
	Jan-03	15.24	-	-	-	-	-	-	-	-	-	-
	Jul-03	16.49	-	-	-	-	-	-	-	-	-	-
	Jan-04	15.82	-	-	-	-	-	-	-	-	-	-
	Jul-04	17.12	-	-	-	-	-	-	-	-	-	-
	Feb-05	16.08	-	-	-	-	-	-	-	-	-	-
	Aug-05	17.70	-	-	-	-	-	-	-	-	-	-
	Feb-06	15.71	-	-	-	-	-	-	-	-	2.6	2.6
SWPC	Sep-06	16.51	Not Sampled									
	Mar-07	16.48	Not Sampled									
			88	2,340	62,000	NE	96	NE	15,750	NE	14,100	
Proposed I/C VC			810	67	16,000	41,000	920	11,000	52	29,000	62	
Current I/C VC			3,820	540	50,000	50,000	6	NE	2	50,000	710	

**TABLE 3**  
**Former Fafnir Bearing**  
**37 Booth Street, New Britain, Connecticut**

**Summary of Post Remediation Concentrations of Halogenated VOCs in Groundwater**

Well ID	Date	Depth to Water (ft.)	PCE ppb	TCE ppb	111TCA ppb	11DCA ppb	11DCE ppb	C12DCE ppb	VC ppb	CA ppb	CFM ppb	Total HVOCS ppb
RMW-20R	Jul-01	11.90	-	-	-	-	-	-	-	-	-	-
	Oct-01	12.23	-	-	-	-	-	-	-	-	6	6
	Jan-02	12.03	3	-	-	-	-	-	-	-	-	3
	Apr-02	11.95	-	-	-	-	-	-	-	-	-	-
	Aug-02	12.44	-	-	-	-	-	-	-	-	-	-
	Jan-03	11.36	-	-	-	-	-	-	-	-	-	-
	Jul-03	10.43	-	-	-	-	-	-	-	-	-	-
	Jan-04	7.70	-	-	-	-	-	-	-	-	-	-
	Jul-04	11.06	-	-	-	-	-	-	-	-	-	-
	Feb-05	8.71	-	-	-	-	-	-	-	-	-	-
	Aug-05	11.78	-	-	-	-	-	-	-	-	-	-
	Feb-06	8.32	-	-	-	-	-	-	-	-	-	-
	Sep-06	14.37	Not Sampled									
	Mar-07	14.14	Not Sampled									
RMW-21	Aug-05	18.13	-	-	-	-	-	-	-	-	-	-
	Feb-06	17.06	-	-	-	-	-	-	-	-	-	-
	Sep-06	17.91	Not Sampled									
	Mar-07	18.39	Not Sampled									
RMW-22	Aug-05	8.83	-	-	2	2	-	-	2	-	-	6
	Feb-06	7.04	-	1.7	2.4	2	-	-	-	-	1	7.1
	Sep-06	8.21	-	1	3.2	7.8	-	1	6.9	-	-	19.9
	Mar-07	8.61	-	-	-	3	-	-	-	-	-	3.0
RMW-23	Aug-05	8.81	34	-	955	599	81	83	152	560	-	2,464
	Feb-06	7.11	44.4	11	1,890	735	194	819	400	294	-	4,387
	Sep-06	7.78	83.2	-	2,830	770	174	614	378	178	-	5,027.2
	Mar-07	7.48	-	-	1,360	510	79	270	140	170	-	2,529.0
RMW-24	Aug-05	10.57	46	-	1,372	46	258	160	-	-	-	1,882
	Feb-06	8.22	32.8	8	1,890	111	193	342	2.8	2.8	2.6	2,585
	Sep-06	9.82	32.4	-	1,460	107	84.4	183	-	-	22.8	1,889.6
	Mar-07	10.16	-	-	1,840	75	85	210	-	-	-	2,210.0
RMW-25	Aug-05	3.73	20	6	377	60	59	15	7	9	-	553
	Feb-06	1.85	6	1.8	124	55.6	8.8	11.5	-	10.6	-	218
	Sep-06	2.62	Not Sampled									
	Mar-07	2.73	Not Sampled									
RMW-26	Aug-05	5.41	-	-	-	-	-	-	-	10	-	10
	Feb-06	2.55	-	-	-	-	-	-	-	-	-	-
	Sep-06	3.71	Not Sampled									
	Mar-07	3.69	Not Sampled									
RMW-27	Aug-05	10.76	-	-	-	-	-	-	-	13	-	13
	Feb-06	9.42	-	-	-	-	-	-	-	-	-	-
	Sep-06	10.28	Not Sampled									
	Sep-06	10.28	Not Sampled									
RMW-28	Aug-05	-	Not Installed									-
	Feb-06	12.28	-	-	-	-	-	-	-	-	-	-
	Sep-06	13.32	Not Sampled									
	Mar-07	13.42	Not Sampled									
RMW-29	Feb-06	15.72	-	-	2.1	3.6	-	-	-	-	-	5.7
	Sep-06	16.59	-	-	-	-	-	-	-	-	-	-
	Mar-07	16.18	-	-	-	-	-	-	-	-	-	-
SWPC			88	2,340	62,000	NE	96	NE	15,750	NE	14,100	
Proposed I/C VC			810	67	16,000	41,000	920	11,000	52	29,000	62	
Current I/C VC			3,820	540	50,000	50,000	6	NE	2	50,000	710	

I/C VC = Industrial/Commercial Volatilization Criteria

SWPC = Surface Water Protection Criteria

PCE = Tetrachloroethene

TCE = Trichloroethene

TCA = Trichloroethane

11DCA = 1,1 Dichloroethane

11DCE = 1,1 Dichloroethene

C12DCE = cis 1,2 Dichloroethene

VC = vinyl chloride

CA = Chloroethane

CFM = Chloroform

**TABLE 4**  
**Summary of Arsenic in Groundwater**  
**Former Fafnir Bearing**  
**New Britain, Connecticut**

**March 9, 2007**

Well ID	Total Metals
	As
	mg/l
RMW-1	NT
RMW-2	NT
RMW-3	NT
RMW-4	NT
RMW-5	NT
RMW-6	NT
RMW-7	NT
RMW-8R	NT
RMW-9	NT
RMW-10	NT
RMW-11	NT
RMW-12	NT
RMW-13	NT
RMW-14	NT
RMW-15	NT
RMW-16	NT
RMW-17	NT
RMW-18	NT
RMW-19	NT
RMW-20R	NT
RMW-21	NT
RMW-22	NT
RMW-23	NT
RMW-24	NT
RMW-25	NT
RMW-26	NT
RMW-27	NT
RMW-28	NT
RMW-29	-
SWPC	0.004

Arsenic analyzed by mass analysis

NT = Not Tested

SWPC = Surface Water Protection Criteria

"-" = Below Detection Limit

**TABLE 5**  
**Summary of ETPH Concentrations in Groundwater**  
**Former Fafnir Bearing Facility**  
**37 Booth Street, New Britain, Connecticut**

Well ID	4/5/2001	7/23/2001	10/25/2001	1/31/2002	4/26/2002	8/1/2002	1/14/2003	7/22/2003	1/23/2004	7/21/2004	2/23/2005	8/22/2005	2/20/2006	9/20/2006	3/9/2007
	ETPH	ETPH	ETPH	ETPH	ETPH	ETPH	ETPH	ETPH	ETPH	ETPH	ETPH	ETPH	ETPH	ETPH	ETPH
RMW-1	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RMW-2*	10	7.1	9.1	28.3	NS	39	44	17.8	11.7	53	26	0.4	1.7		
RMW-3	277	7822	422	583	1993	NS	4570	4,903	3,183	3,193	2,873	3	3.6		
RMW-4	-	-	-	-	-	-	-	-	-	-	-	-	-		
RMW-5	1.5	1.6	0.9	1.1	0.2	1.7	1	3.4	21	7.2	0.8	-	0.9		
RMW-6	1.9	13.7	0.5	5.2	6.5	4.8	4	1.1	2.6	4.1	6.4	-	-		
RMW-7	7.1	66	39	33.3	30	48	17	6.1	16.4	7.8	1.8	0.3	-	8.9	39.1
RMW-8R	-	-	-	-	-	-	0.3	-	-	-	-	-	-		
RMW-9	15	1.3	4.5	2.5	1.7	1.6	2.2	0.6	1.6	1.1	0.6	-	0.6		
RMW-10*	4.6	3.5	3.3	4.2	7.4	3.5	2.7	1.3	2	2.8	1	0.3	2	1.2	23.3
RMW-11	7.5	410	800	1,176	30	NS	35	86	22.1	63	141	7	5.1		
RMW-12	2.3	1.4	0.8	1.6	0.7	0.8	0.8	4.9	3.1	2.5	2.7	0.1	2.7		
RMW-13	0.3	0.4	0.1	0.4	0.2	0.3	0.2	0.2	0.4	0.3	0.6	0.3	1.6		
RMW-14	33	33	12.6	2.6	3.6	2.3	0.8	1.3	1.5	1.9	1.8	0.6	0.8	1.1	0.8
RMW-15	0.5	0.5	1	0.7	0.2	0.5	0.3	0.1	0.2	0.3	-	-	0.6		
RMW-16	-	-	-	-	-	-	NS	-	-	-	-	-	-		
RMW-17	-	-	-	0.3	-	-	-	-	-	-	-	-	-	-	-
RMW-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RMW-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RMW-20R	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RMW-22	NI	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-
RMW-23															
RMW-24															
RMW-25															
RMW-26															
RMW-27															
RMW-28															
RMW-29															

\* = NAPL present in well

ETPH = Extratable Total Petroleum Hydrocarbons

ppm = parts per million or milligrams per liter

Blank cell = Not analyzed

" - " = Not Detected

**TABLE 6A**  
**Summary of Total Arsenic Concentrations in Groundwater**  
**Former Fafnir Bearing Facility**  
**37 Booth Street, New Britain, Connecticut**

Well ID	4/5/2001	7/23/2001	10/25/2001	1/31/2002	4/26/2002	8/1/2002	1/14/2003	7/22/2003	1/23/2004	7/21/2004	2/23/2005	8/22/2005	2/20/2006	9/20/2006	3/9/2007
As	ppm	As	ppm	As	ppm	As	ppm	As	ppm	As	ppm	As	ppm	As	ppm
RMW-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RMW-2	-	0.05	-	-	-	NT	-	-	-	-	-	-	-	-	-
RMW-3	-	-	0.10	-	-	0.05	-	-	-	-	-	-	-	-	-
RMW-4	-	0.17	0.11	0.07	0.06	0.11	0.05	-	-	0.08	-	-	-	-	-
RMW-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RMW-6	-	0.14	0.06	-	0.07	0.08	0.11	-	-	0.16	0.08	0.005	-	-	-
RMW-7	-	-	-	-	-	-	-	-	-	-	-	0.004	-	-	-
RMW-8R	-	-	-	-	-	-	-	-	-	0.07	-	-	-	-	-
RMW-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RMW-10	-	0.07	-	-	-	-	-	-	-	-	-	-	-	-	-
RMW-11	-	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-
RMW-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RMW-13	-	0.08	0.08	-	-	0.05	0.06	-	-	0.06	-	0.007	-	-	-
RMW-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RMW-15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RMW-16	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
RMW-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RMW-18	-	0.11	-	0.08	0.05	-	0.06	-	-	-	-	-	-	-	-
RMW-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RMW-20R	NI	0.14	-	-	-	0.09	0.08	-	-	-	-	-	-	-	-
RMW-21						Well Not Installed									
RMW-22						Well Not Installed									
RMW-23						Well Not Installed									
RMW-24						Well Not Installed									
RMW-25						Well Not Installed						0.004			
RMW-26						Well Not Installed						-			
RMW-27						Well Not Installed						-			
RMW-28						Well Not Installed						NT			
RMW-29						Well Not Installed							0.005		
Laboratory Detection Limit	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.004	<0.004	<0.004	<0.004

As = Total Arsenic  
ppm = parts per million or milligrams per liter  
NT = Not Tested  
" - " = Not Detected  
SWPC for Arsenic = 0.004 ppm  
\* = Indicates detection limit exceeds SWPC  
Indicates exceedance of SWPC

**TABLE 6B**  
**Summary of Total Cadmium Concentrations in Groundwater**  
**Former Fafnir Bearing Facility**  
**37 Booth Street, New Britain, Connecticut**

Well ID	4/5/2001	7/23/2001	10/25/2001	1/31/2002	4/26/2002	8/1/2002	1/14/2003	7/22/2003	1/23/2004	7/21/2004	2/23/2005	2/20/2006	8/22/2005	9/20/2006	3/9/2007
	Cd	Cd	Cd	Cd	Cd	Cd	Cd	Cd	Cd	Cd	Cd	Cd	Cd	Cd	Cd
	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
RMW-1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
RMW-2	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
RMW-3	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
RMW-4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
RMW-5	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
RMW-6	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
RMW-7	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
RMW-8R	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
RMW-9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
RMW-10	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
RMW-11	0.006	0.005	0.008	-	-	-	-	-	-	0.007	-	-	-	-	NT
RMW-12	-	-	-	-	-	-	-	-	-	0.006	-	-	-	-	NT
RMW-13	-	-	0.005	-	-	-	-	-	-	-	-	-	-	-	NT
RMW-14	-	-	0.005	-	-	-	-	-	-	-	-	-	-	-	NT
RMW-15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NT
RMW-16	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
RMW-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NT
RMW-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NT
RMW-19	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
RMW-20R	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
RMW-21															
RMW-22															
RMW-23															
RMW-24															
RMW-25															
RMW-26															
RMW-27															
RMW-28															
RMW-29															
Laboratory Detection Limit	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	

Cd = Total Cadmium  
ppm = parts per million or milligrams per liter  
NT = Not Tested  
" - " = Not Detected  
SWPC for Cadmium = 0.006 ppm

**TABLE 6C**  
**Summary of Total Lead in Groundwater**  
**Former Fafair Bearing Facility**  
**37 Booth Street, New Britain, Connecticut**

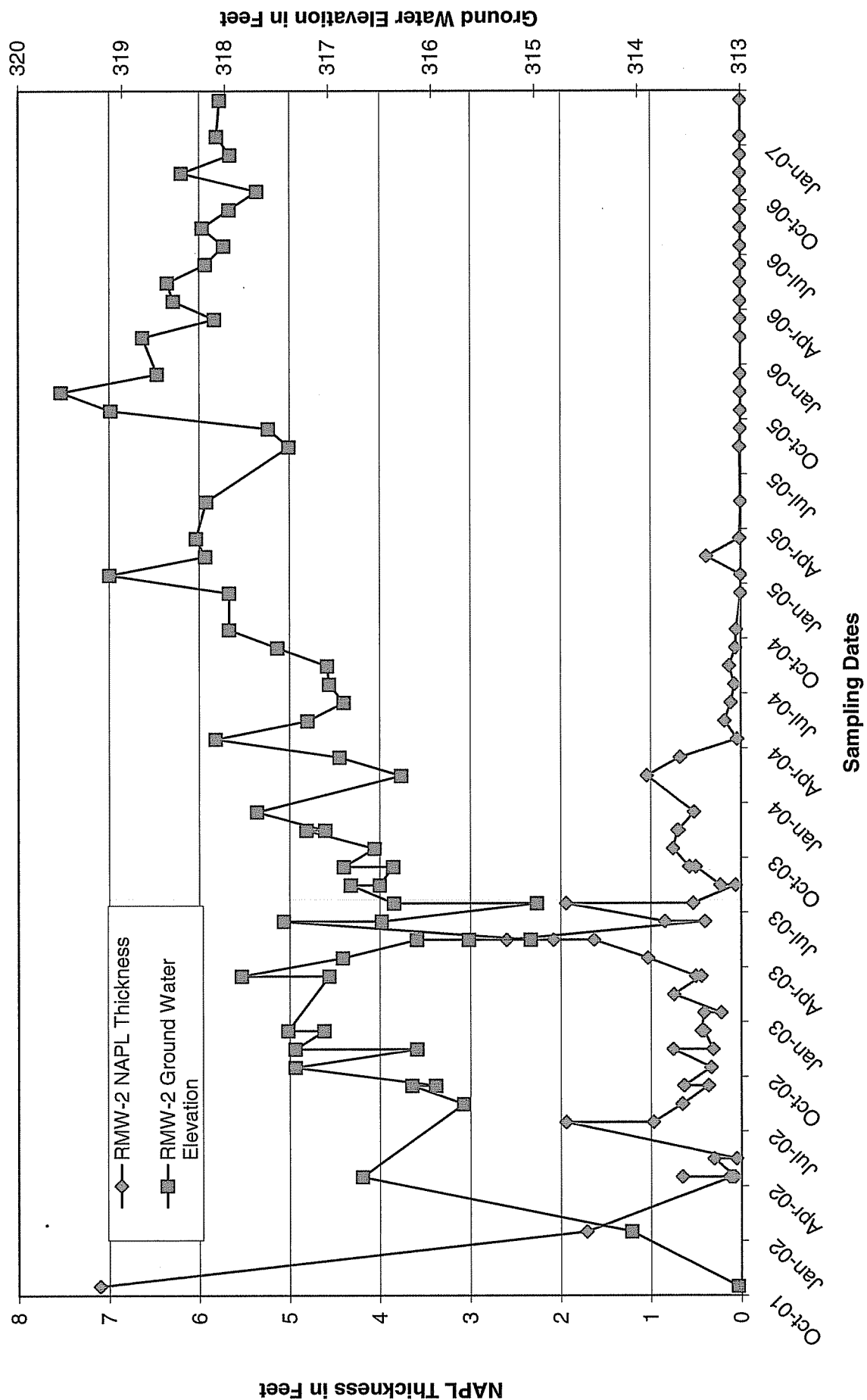
Well ID	4/5/2001	7/23/2001	10/25/2001	1/31/2002	4/26/2002	8/1/2002	1/14/2003	7/22/2003	1/23/2004	7/21/2004	2/23/2005	8/22/2005	2/20/2006	9/20/2006	3/9/2007
	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb
RMW-1	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
RMW-2	0.038	0.036	0.023	0.046	0.037	0.015	0.013	0.46	-	0.022	0.017	-	-	NT	NT
RMW-3	0.171	0.198	0.543	0.362	0.234	0.436	0.029	0.115	0.053	0.016	0.019	-	-	NT	NT
RMW-4	0.437	1.38	1.25	0.638	0.513	1.49	0.54	0.093	0.082	0.363	0.089	-	-	NT	NT
RMW-5	0.018	0.078	0.059	0.078	0.022	0.058	0.037	0.017	0.061	1.27	0.637	-	-	NT	NT
RMW-6	0.265	1.02	0.278	0.128	0.297	0.545	0.759	0.326	0.103	0.957	0.086	-	-	NT	NT
RMW-7	0.05	0.060	0.10	0.082	0.023	0.013	0.006	0.009	0.009	0.063	0.01	-	-	NT	NT
RMW-8R	0.016	0.059	0.139	0.095	0.077	0.035	0.073	0.02	0.007	0.043	0.098	-	-	NT	NT
RMW-9	0.011	0.093	0.053	0.01	0.069	0.058	0.016	-	-	0.044	0.043	-	-	NT	NT
RMW-10	0.018	0.092	0.073	0.0423	0.044	NT	0.027	0.071	0.01	0.03	0.018	-	-	NT	NT
RMW-11	0.482	0.411	0.448	0.1	0.175	0.113	0.109	0.133	0.033	0.266	0.136	-	-	NT	NT
RMW-12	0.029	0.046	0.041	0.054	0.037	-	-	0.017	-	0.012	0.008	-	-	NT	NT
RMW-13	0.086	0.174	0.261	0.123	0.031	0.074	0.073	0.08	-	0.057	0.042	-	-	NT	NT
RMW-14	0.044	0.080	0.20	0.074	0.028	-	0.15	0.016	-	0.073	0.018	-	-	NT	NT
RMW-15	0.013	-	0.012	0.009	0.018	0.016	NT	0.048	-	0.016	0.008	-	-	NT	NT
RMW-16	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	-	NT	NT
RMW-17	0.019	0.044	0.026	0.031	0.027	-	0.019	-	-	0.005	-	-	-	NT	NT
RMW-18	0.296	0.335	0.054	0.35	0.142	0.118	0.155	0.183	0.006	0.101	0.017	-	-	NT	NT
RMW-19	0.016	0.008	-	0.01	0.007	-	-	-	-	-	-	-	-	NT	NT
RMW-20R	NI	0.14	-	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
RMW-21						Well Not Installed									
RMW-22						Well Not Installed									
RMW-23						Well Not Installed									
RMW-24						Well Not Installed									
RMW-25						Well Not Installed									
RMW-26						Well Not Installed									
RMW-27						Well Not Installed									
RMW-28						Well Not Installed									
RMW-29						Well Not Installed						NT			
Laboratory Detection Limit	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	

Pb = Total Lead  
ppm = parts per million or milligrams per liter  
NT = Not Tested  
" - " = Not Detected  
SWPC for Lead = 0.013 ppm

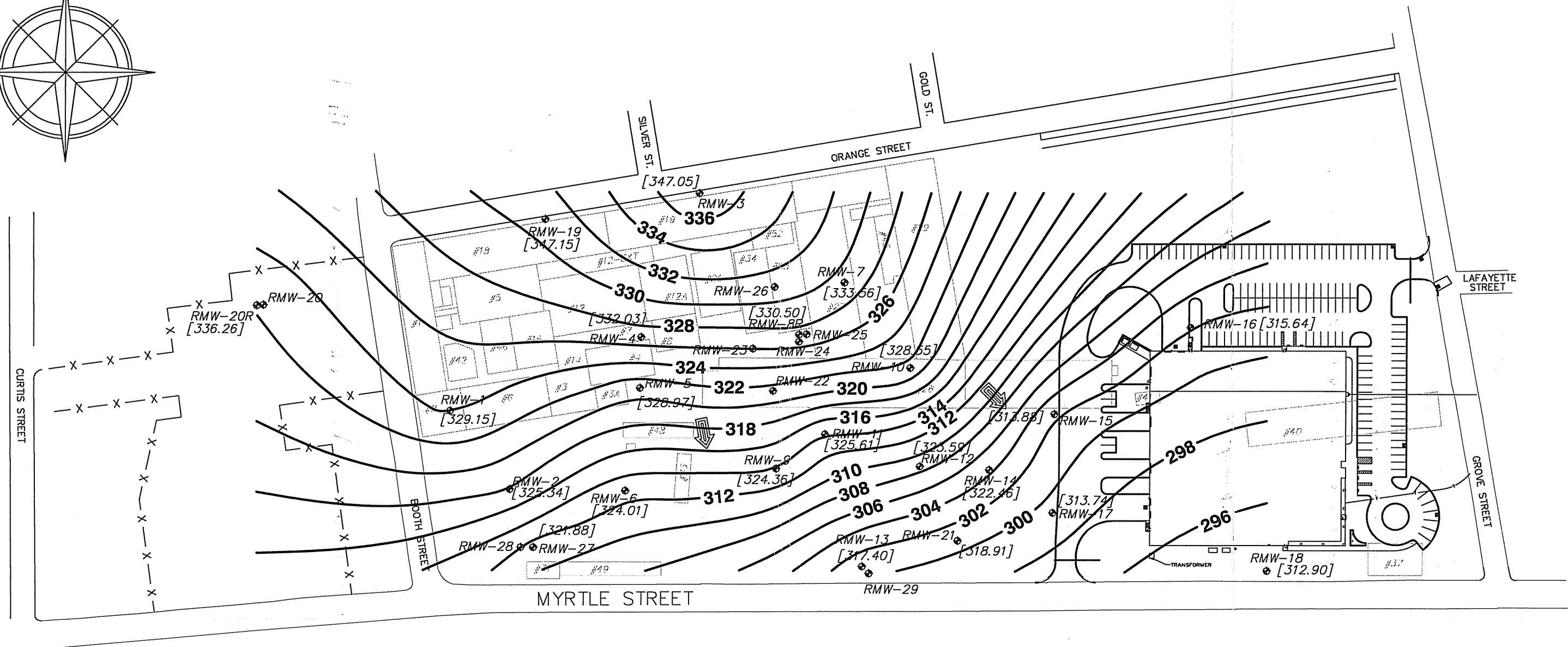
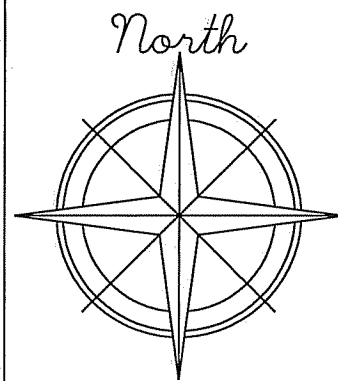
## FIGURES



**Figure 1 - RMW-2 NAPL Thickness and Ground Water Elevations**  
**Former Fafnir Bearing Facility**  
**37 Booth Street, New Britain, CT**



J:\INGER - INGERSOLL-RAND COMPANY\FORMER FAFNIR BEARING, 37 BOOTH STREET, NEW BRITAIN, CT\ING00520M\CAD\OVERBURDEN GROUNDWATER CONTOURS.dwg, 4/10/2007 3:45:41 PM, \\HRP\_FS1\HP LaserJet 5Si



#### LEGEND

- ⊕ - MONITORING WELL
- [#37] - FORMER BUILDING
- 335— - GROUNDWATER CONTOUR
- [314.56] - ELEVATION OF WATER TABLE MEASURED FROM ARBITRARY DATUM
- ⇒ - INFERRED DIRECTION OF GROUNDWATER FLOW

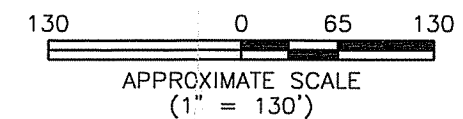
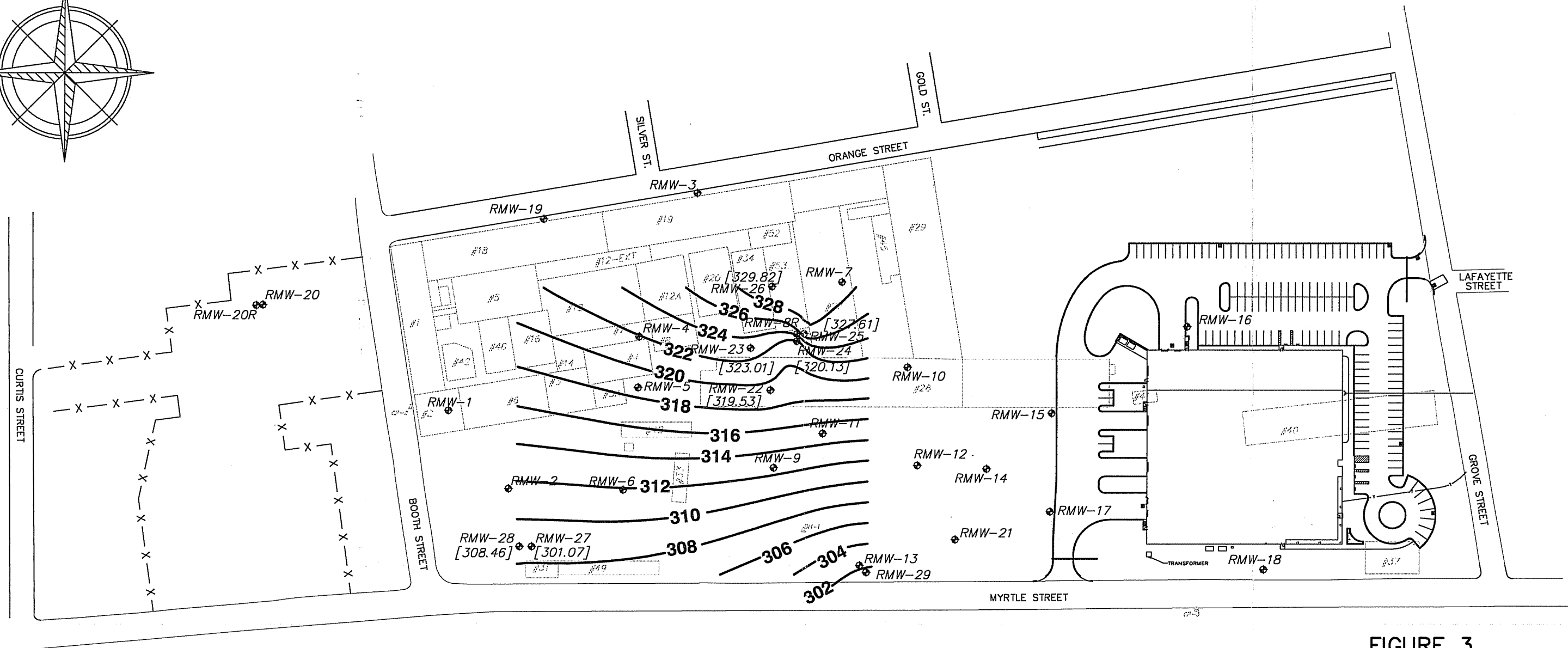
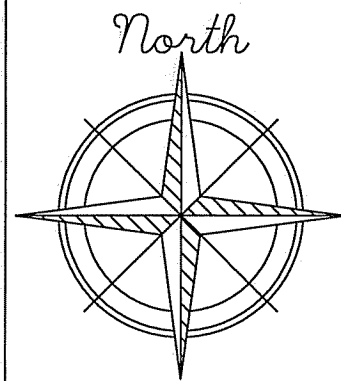


FIGURE 2  
OVERBURDEN GROUNDWATER  
CONTOUR MAP  
FORMER FAFNIR BEARING  
NEW BRITAIN, CONNECTICUT  
HRP# ING0052.OM  
SCALE: 1" = 130'

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J:\INGER - INGERSOLL-RAND COMPANY\FORMER FAFNIR BEARING, 37 BOOTH STREET, NEW BRITAIN, CT\ING00520M\CAD\BEDROCK.dwg, 4/11/2007 12:39:33 PM, \\HRP\_FST\HP User\det 551



#### LEGEND

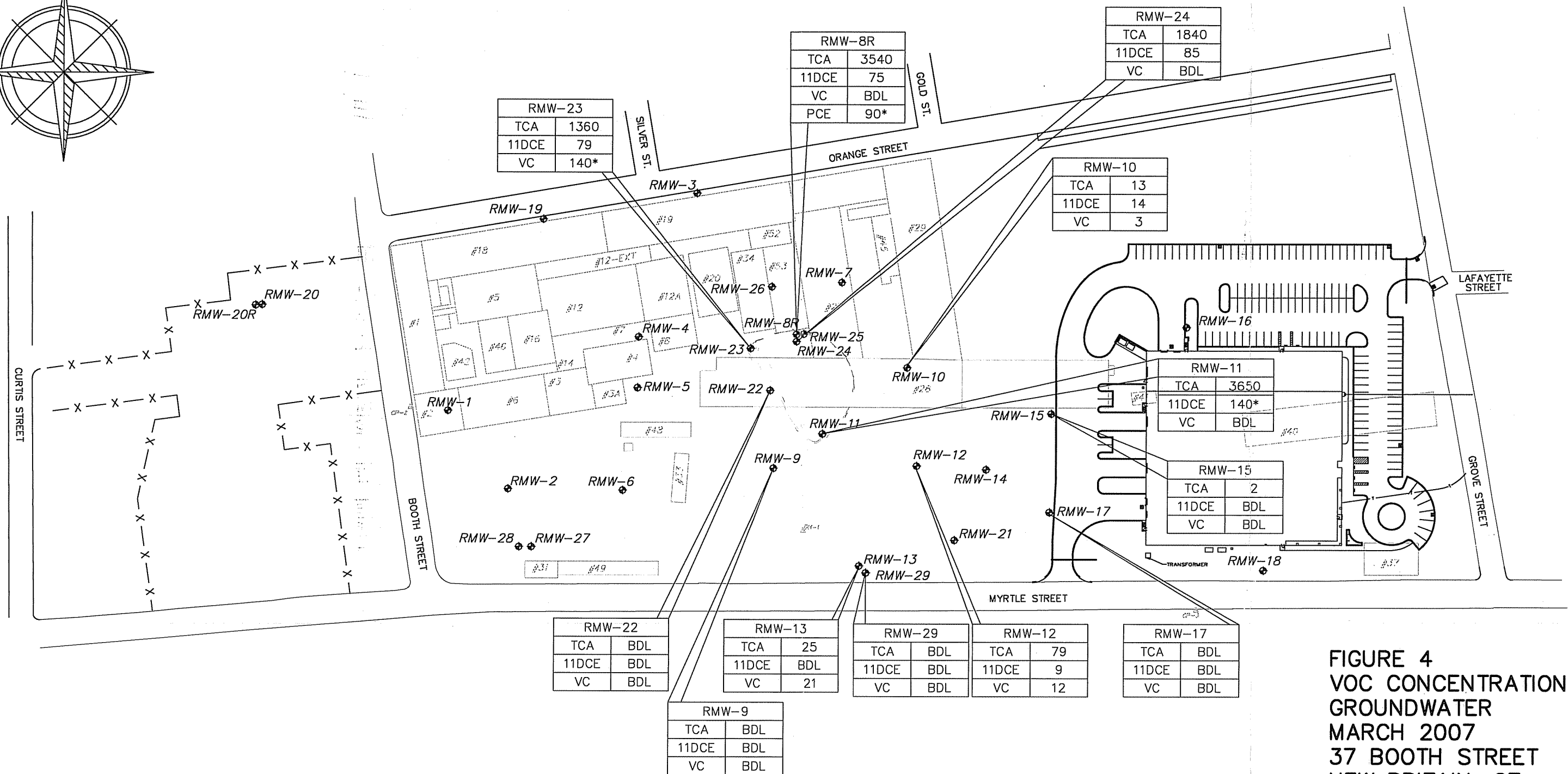
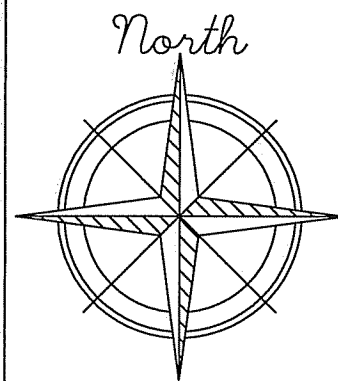
- - MONITORING WELL
- - FORMER BUILDING
- BDL - BELOW DETECTION LEVEL
- 111 TRICHLOROETHANE IN ppb
- 1,1 DICHLOROETHENE IN ppb
- VINYL CHLORIDE IN ppb
- OVER RSR CRITERIA
- PCE - TETRACHLOROETHENE

FIGURE 3  
GROUNDWATER  
ELEVATIONS FOR  
BEDROCK AQUIFER  
MARCH 2007  
37 BOOTH STREET  
NEW BRITAIN, CT  
HRP# ING0052.OM  
SCALE: 1" = 130'

130 0 65 130  
APPROXIMATE SCALE  
(1" = 130')

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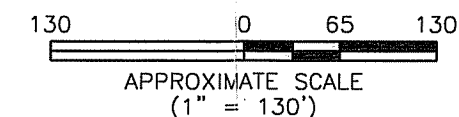
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#### LEGEND

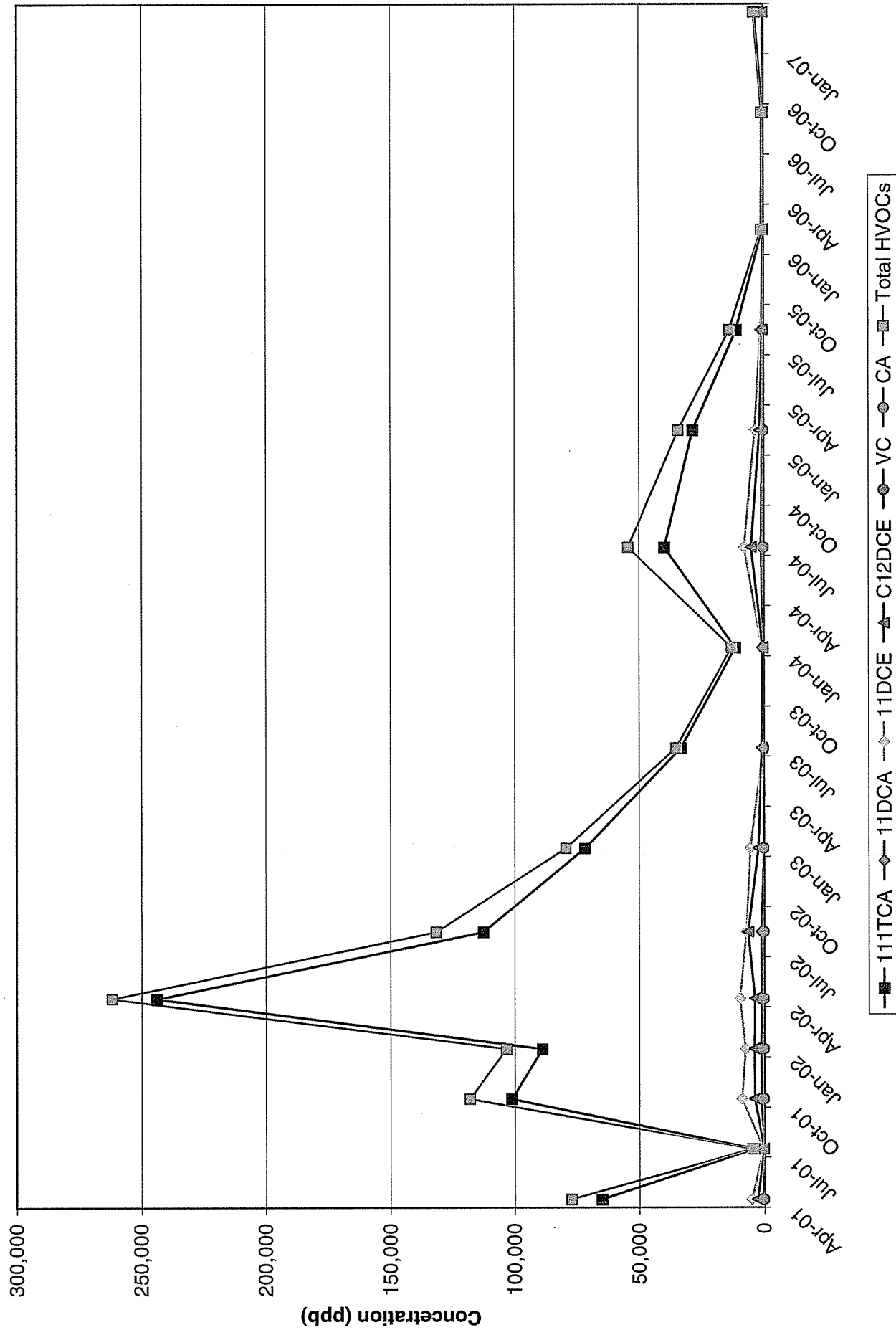
- ◆ - MONITORING WELL
- - FORMER BUILDING
- BDL - BELOW DETECTION LEVEL
- TCA - 111 TRICHLOROETHANE IN ppb
- 11DCE - 1,1 DICHLOROETHENE IN ppb
- VC - VINYL CHLORIDE IN ppb
- \* - OVER RSR CRITERIA
- PCE - TETRACHLOROETHENE

FIGURE 4  
VOC CONCENTRATIONS IN  
GROUNDWATER  
MARCH 2007  
37 BOOTH STREET  
NEW BRITAIN, CT  
HRP# ING0052.OM  
SCALE: 1" = 130'

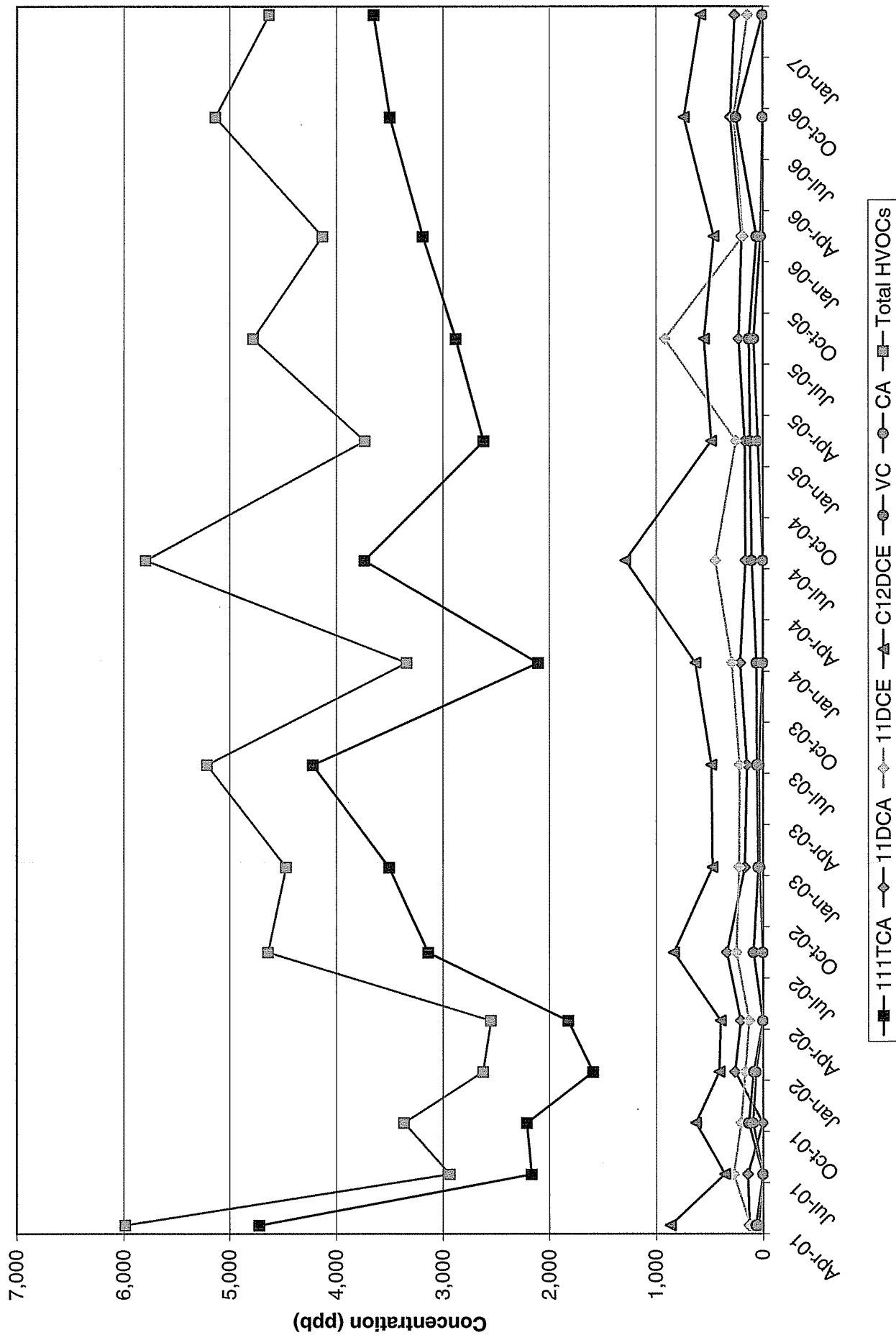


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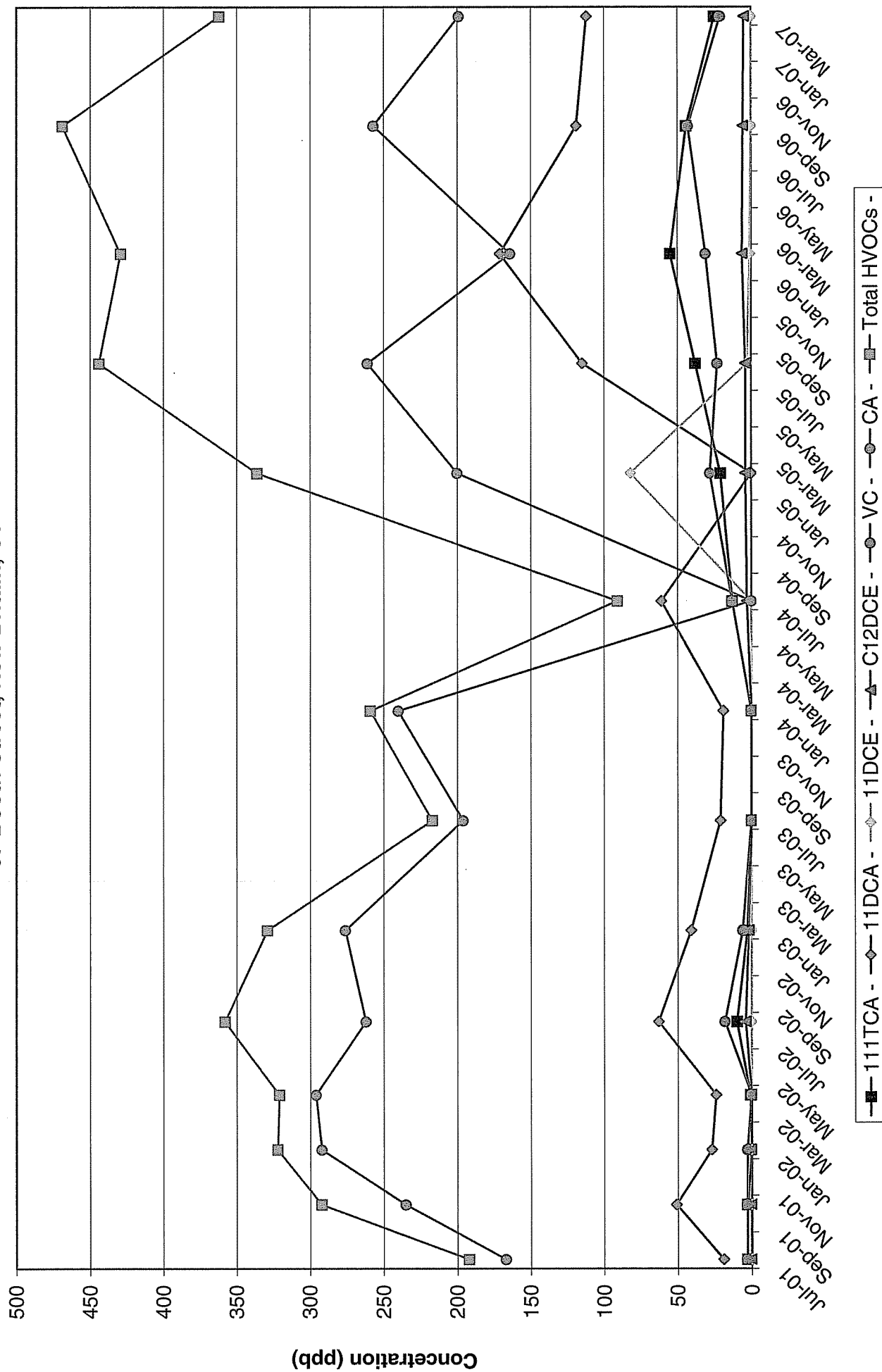
**Figure 5 - Summary of HVOCs in RMW-8R  
Former Fafnir Bearing Facility  
37 Booth Street, New Britain, CT**



**Figure 6 - Summary of HVOCs in RMW-11  
Former Fafnir Bearing Facility  
37 Booth Street, New Britain, CT**



**Figure 7 - Summary of HVOCs in RMW-13**  
**Former Fafnir Bearing Facility**  
**37 Booth Street, New Britain, CT**



**APPENDIX A**  
**NAPL Monitoring Field Data Sheets**



Site Name:	Torrington Company New Britain			Date:	10/25/2006	Weather:	Overcast, 65 degree
Address:	New Britain, CT			Field Team Leader:			
Job #	ING0036.OM T-1			Team Members:	DSC		
Time On-site:	13:48			Purpose:	Product thickness measurement		
Time Off site:	14:15						
	Product Thickness	DTW (ft)	Prod. Purge	DTB (ft)	From	Color	Time
Well ID	DTW (ft)	DTW (ft)	DTW (ft)	DTB (ft)	From	Color	Time
RMW-2	n/a	7.56		17.90	2"PVC		14:07
RMW-6	n/a	11.45		19.76	2"PVC		13:57
RMW-9	n/a	10.22		18.98	2"PVC		13:54
RMW-10	n/a	6.03		18.85	2"PVC		14:11
RMW-27	n/a	10.61		15.81	2"PVC		14:00
RMW-28	n/a	13.37			2"PVC		14:04
<b>Additional Site Data:</b>							
All product and water levels obtained with oil/water interface probe.							
RMW-2 and RMW-10-Allowed water/product column to stabilize for twenty minutes following removal of soakease and prior to measurement.							

<b>Site Name:</b>	Torrington Company New Britain		Date:	11/20/2006	
<b>Address:</b>	New Britain, CT		Field Team Leader:	BE	
<b>Job #</b>	ING0046.RA T-1		Team Members:	BE	
<b>Time On-site:</b>	10:20		Purpose:	Product check	
<b>Time Off site:</b>	10:55				
<b>Well ID</b>	<b>DTP (ft)</b>	<b>DTW (ft)</b>	<b>From</b>	<b>Time</b>	<b>Remarks</b>
RMWW-2		6.92	2"PVC	10:45	Soakasee Ok
RMWW-6		10.90	2"PVC	10:42	
RMWW-9		9.51	2"PVC	10:30	
RMWW-10		4.29	2"PVC	10:48	Soakasee Ok
RMWW-27		9.97	2"PVC	10:36	
RMWW-28		13.17	2"PVC	10:39	
<b>Additional Site Data:</b>					
All product and water levels obtained with oil/water interface probe.					
RMWW-2 and RMWW-10--Allowed water/product column to stabilize for twenty minutes following removal of soakasee and prior to measurement.					

<b>Site Name:</b>	Torrington Company New Britain	Date:	12/29/2006		
<b>Address:</b>	New Britain, CT	<b>Field Team Leader:</b>	BE		
<b>Job #</b>	ING0036.RA T-1	<b>Team Members:</b>	BE		
<b>Time On-site:</b>	9:00	<b>Purpose:</b>	Product check		
<b>Time Off site:</b>	9:55				
<b>Well ID</b>	<b>DTP (ft)</b>	<b>DTW (ft)</b>	<b>From</b>	<b>Time</b>	<b>Remarks</b>
RMW-2		7.39	2"PVC	9:42	Soakasee Ok
RMW-6		11.31	2"PVC	9:37	
RMW-9		10.18	2"PVC	9:39	
RMW-10		5.67	2"PVC	9:41	Soakasee Ok
RMW-27		10.54	2"PVC	9:32	
RMW-28		13.02	2"PVC	9:34	
<b>Additional Site Data:</b>					
All product and water levels obtained with oil/water interface probe.					
RMW-2 and RMW-10-Allowed water/product column to stabilize for twenty minutes following removal of soakasee and prior to measurement.					

Site Name:		Torrington Company New Britain		Date: 1/25/2007	
Address:		New Britain, CT		Field Team Leader:	
Job #		ING0052.OM T-1		Team Members: KG	
Time On-site:		8:57		Purpose: Product check	
Time Off site:		9:23			
<u>Well ID</u>	<u>DTP (ft)</u>	<u>DTW (ft)</u>	<u>From</u>	<u>Time</u>	<u>Remarks</u>
RMW-2		7.26	2"PVC	9:18	Soakease Ok
RMW-6		11.15	2"PVC	9:08	
RMW-9		10.18	2"PVC	9:06	
RMW-10		5.38	2"PVC	9:20	Soakease Ok
RMW-27		10.40	2"PVC	9:11	
RMW-28		13.32	2"PVC	9:15	
<b>Additional Site Data:</b>					
All product and water levels obtained with oil/water interface probe.					
RMW-2 and RMW-10--Allowed water/product column to stabilize following removal of soakease					
and prior to measurement.					

Site Name: IR New Britain  
Address: Willard Ave, New Britain, CT  
Job# ING0052.OM T-4

Date: 2/20-21/07  
Field Team Leader:  
Team Members: KG

Purpose of Visit: Vac remediation of RMW-8r

2/20/2007 On site: 7:36 Off site: 4:13

United on site @7:46 and off site @4:08

Well ID	DTW	Time	PID	Time
RMW-7	4.82	7:47		
RMW-8	4.71	7:40		
RMW-8R	3.56	7:40	0.4ppm	7:40
RMW-10	6.26	7:46		
RMW-11	11.71	7:45		
RMW-22	8.53	7:44		
RMW-23	7.38	7:43		
RMW-24	10.41	7:39		
RMW-25	3.21	7:41		
RMW-26	4.25	7:42		

Well Vac: 15" Hg (bleeder valve fully closed)  
Vacuum began on RMW-8R @7:57

Well ID	DTW	Time	PID	Time
RMW-7	4.83	9:54		
RMW-8	6.32	9:53		
RMW-8R			12.2ppm	9:52
RMW-10	6.12	9:58		
RMW-11	11.71	9:57		
RMW-22	8.54	9:56		
RMW-23	7.42	9:55		
RMW-24	10.42	9:53		
RMW-25	3.31	9:54		
RMW-26	4.27	9:55		

Well Vac: 11" Hg (bleeder valve fully closed)  
Gallons removed: 157 Time: 9:58

Opened bleeder valve slightly after taking readings.

Well ID	DTW	Time	PID	Time
RMW-7	4.84	11:51		
RMW-8	6.38	11:49		
RMW-8R			17.0 ppm	11:49
RMW-10	6.10	11:55		
RMW-11	11.71	11:54		
RMW-22	8.55	11:53		
RMW-23	7.47	11:52		
RMW-24	10.43	11:50		
RMW-25	3.42	11:50		
RMW-26	4.30	11:52		

Well Vac: 14" Hg (bleeder valve slightly opened)  
Gallons removed: 219 Time: 12:02

Closed bleeder valve after taking readings.

Well ID	DTW	Time	PID	Time
RMW-7	4.85	1:53		
RMW-8	6.45	1:50		
RMW-8R			25.9 ppm	1:50
RMW-10	6.08	1:57		
RMW-11	11.71	1:56		
RMW-22	8.54	1:55		
RMW-23	7.50	1:54		
RMW-24	10.43	1:51		
RMW-25	3.52	1:52		
RMW-26	4.31	1:54		

Well Vac: 13" Hg (bleeder valve fully closed)  
Gallons removed: 285 Time: 1:57

Well ID	DTW	Time	PID	Time
RMW-7	4.85	3:58		
RMW-8	6.52	3:56		
RMW-8R			29.4 ppm	3:55
RMW-10	6.09	4:03		
RMW-11	11.72	4:02		
RMW-22	8.54	4:01		
RMW-23	7.54	4:00		
RMW-24	10.44	3:57		
RMW-25	3.62	3:57		
RMW-26	4.32	3:59		

Well Vac: 14" Hg (bleeder valve fully closed)  
Gallons removed: 360 Time: 3:58

Stopped vacuum @ 3:57

Total gallons of water removed today: 360

2/21/2007 On site: 7:35 Off site: 4:13  
 United on site @7:48 and off site @4:08

Well ID	DTW	Time	PID	Time
RMW-7	4.90	7:41		
RMW-8	4.78	7:38		
RMW-8R	3.83	7:38	29.4ppm	7:37
RMW-10	6.27	7:46		
RMW-11	11.74	7:44		
RMW-22	8.58	7:44		
RMW-23	7.71	7:42		
RMW-24	10.47	7:39		
RMW-25	3.18	7:40		
RMW-26	4.31	7:41		

Well Vac: 12.5" Hg (bleeder valve fully closed)  
 Vacuum began on RMW-8R @7:48

Well ID	DTW	Time	PID	Time
RMW-7	4.94	11:51		
RMW-8	6.52	11:49		
RMW-8R			19.1 ppm	11:50
RMW-10	6.26	11:55		
RMW-11	11.75	11:54		
RMW-22	7.78	11:53		
RMW-23	7.13	11:52		
RMW-24	HW's filled w/ snow melt. Unable to remove			
RMW-25	quick enough to take DTW's. Ground saturated.			
RMW-26	4.38	11:53		

Well Vac: 17" Hg (bleeder valve fully closed)  
 Gallons removed: 161 Time: 11:58

Opened bleeder valve slightly after taking readings.

Well ID	DTW	Time	PID	Time
RMW-7	4.91	3:53		
RMW-8	6.53	3:51		
RMW-8R			20.9 ppm	3:50
RMW-10	6.25	3:57		
RMW-11	11.75	3:56		
RMW-22	Same as RMW-24 and RMW-25			
RMW-23	7.23	3:55		
RMW-24	HW's filled w/ snow melt. Unable to remove			
RMW-25	quick enough to take DTW's. Ground saturated.			
RMW-26	4.41	3:54		

Well Vac: 17" Hg (bleeder valve slightly opened)  
 Gallons removed: 304 Time: 4:02

Stopped vacuum @ 3:55

Total gallons of water removed today: 304

Total volume removed over two days: 664

Well ID	DTW	Time	PID	Time
RMW-7	4.92	9:53		
RMW-8	6.46	9:51		
RMW-8R			17.2 ppm	9:50
RMW-10	6.26	9:58		
RMW-11	11.74	9:56		
RMW-22	8.61	9:55		
RMW-23	7.74	9:54		
RMW-24	10.49	9:52		
RMW-25	3.21	9:52		
RMW-26	4.36	9:54		

Well Vac: 12.5" Hg (bleeder valve fully closed)  
 Gallons removed: 77 Time: 9:59

Well ID	DTW	Time	PID	Time
RMW-7	4.86	1:53		
RMW-8	6.52	1:50		
RMW-8R			29.0 ppm	1:50
RMW-10	6.25	1:57		
RMW-11	11.75	1:56		
RMW-22	Same as RMW-24 and RMW-25			
RMW-23	7.15	1:54		
RMW-24	HW's filled w/ snow melt. Unable to remove			
RMW-25	quick enough to take DTW's. Ground saturated.			
RMW-26	4.40	1:54		

Well Vac: 16" Hg (bleeder valve slightly opened)  
 Gallons removed: 246 Time: 1:58

Site Name: Torrington Company New Britian  
Address: New Britian, CT  
Job # ING0052.OM T-2

Date: 3/9/2007  
Field Team Leader:  
Team Members: DFH,KG

Weather:

M. Sunny, 26°F

On-Site: Purpose of visit: Ground Water Monitoring

Off-Site:

Well ID	DTP (ft)	DTW (ft)	DTB (ft)	Time	Water Column (ft)	Vol to be Bailed (gal)	Bailed (gal)	Vol	Odors	Color	Time	Sampler	Notes
RMW-1		4.88	15.23	10:04	10.35	4.66							
RMW-2		7.29	17.90	10:02	10.61	4.77							
RMW-3		9.35	16.60	10:20	7.25	3.26							
RMW-4		4.70	16.48	9:41	11.78	5.30							
RMW-5		8.30	23.63	9:38	15.33	6.90							
RMW-6		11.33	19.76	9:36	8.43	3.79	3.25 b.d.		sl petro	grey / br / silty	10:10	KG	
RMW-7		4.21	14.69	9:12	10.48	4.72							
RMW-8R		2.87	11.55	9:21	8.68	3.91	4.50		sl petro	red / brown / silty	11:00	KG	
RMW-9		10.27	18.98	9:34	8.71	3.92	5.00		sl petro	br silty	10:12	KG	DUPE RMW-9 DUPE newe soakease
RMW-10	6.67	6.68	18.85	9:03	12.17	5.48	5.00		petro / sheen	cloudy grey / black	11:25	DFH	
RMW-11		11.82	19.09	9:32	7.27	3.27	4.25		sl petro	red / brown / silty	11:17	KG	
RMW-12		14.95	24.60	9:00	9.65	4.34	2.25 bd		none	red / brown / cloudy	10:32	KG	
RMW-13		16.95	25.50	8:41	8.55	3.85	5.00		sl petro	red / brown / flocc	10:23	KG	
RMW-14		18.27	23.44	8:57	5.17	2.33							
RMW-15		11.88	25.99	12:29	14.11	6.35	3.0 b.d.		none	milky red / brown	12:37	KG	
RMW-16		13.75	25.40	8:54	11.65	5.24							
RMW-17		14.43	25.36	12:27	10.93	4.92	2.5 b.d.		none	cloudy tan	12:41	DFH	
RMW-18		18.25	23.13	8:49	4.88	2.20							needs well repair / cracked collar
RMW-19		16.48	26.43	10:17	9.95	4.48							
RMW-20		14.14	28.34	10:13	14.20	6.39							
RMW-21		18.39	23.70	8:45	5.31	2.39							
RMW-22		8.61	30.57	9:26	21.96	9.88	5.0 bd		none	brown / silty	11:07	DFH	
RMW-23		7.48	23.64	9:29	16.16	7.27	4.0 b.d.		petro	brown / silty	10:47	DFH	
RMW-24		10.16	39.99	9:24	29.83	13.42	7.5 b.d.		none	red / brown / silty	10:49	KG	
RMW-25		2.73	6.37	9:16	3.64	1.64							
RMW-26		3.69	23.21	9:08	19.52	8.78							
RMW-27		10.68	15.81	9:59	5.13	2.31	4.50		sl petro	red / brown / silty	11:19	KG	
RMW-28		13.42	26.85	10:00	13.43	6.04							
RMW-29		16.18	48.38	8:42	32.20	14.49							Low Flow - See Data Sheet

Notes: TB-1 = trip blank (VOC's Only)

RMW-9Dup = duplicate or RMW-9

Samples submitted to CTL quote # SFHRP011807

Drummed and labeled all purge water

JGI and New England Boring Contractors on site doing borings

Drum Count: 4 drums in shed

1 - unusable - rusted holes in side

1 - spent soakease

1 - purge water

1 - empty

## **APPENDIX B**

### **Modified Low-Flow Sampling Data Sheets**



HRP Associates, Inc.  
197 Scott Swamp Rd  
Farmington, CT 06032  
(860) 674-9570

## Monitor Well Data Sheet

Page 1 of 1

Well ID: RMW-29

### Site Background Information

Site Location:	Former I.R. New Britain Booth St	Sampling Dates:	3/9/07
Job Number:	ING0052.OM T-2	Field Team Leader:	
Weather:	M. Sunny, 20°F	Team Personnel:	DFH, KG

### Ground Water Elevation Data

Date	Time	Sampler Name	Equipment Model	Depth to Water (ft)	Depth to Bottom (ft)
3/9/07	8:42	KG		uncorrected	uncorrected
			corr. factor	corrected	corrected
				16.18	48.38

Measurement Point: \_\_\_\_\_

### Well Condition (circle one)

General Condition	Visible Well ID	Well Cap Present	Well Plumbness	Lock
Good	No	Yes	Good	Yes

Concrete Collar	Ponded Water	Comments:
Good	No	Unable to hold 0.3' drawdown criteria @ pumps lowest setting.

### Well Purging Data

Date	Equipment Set-up		Time Purging		Sample Collection		Sampler Initials	Instrument Calibration Date
	Start	Finish	Start	Finish	Start	Finish		
3/9/07	8:40	8:56	8:56	9:27	9:27	9:33	KG	9/20/06

### Instrument Mfg & Model

pH	YSI 600 XL SN# 99G0508AB
Temp.	
Sp. Cond.	
ORP	
DO	
Turbidity	HF Scientific DRT-CE SN# HRP3

Initial Water Depth (ft):			16.18	Time:	8:42			
Time	Water Depth (ft)	Flow Rate (ml/min)	pH (s.u.)	Temp (°C)	Sp Con (uS)	ORP (mV)	DO (mg/l)	Turbidity (ntu)
9:02	16.72	80	9.24	14.13	748	218.2	3.90	40.5
9:05	16.88	80	8.33	10.05	794	216.2	2.85	45.1
9:08	17.08	80	8.29	9.84	793	223.6	2.53	48.6
9:11	17.33	80	8.27	9.71	777	222.1	2.57	47.7
9:14	17.53	80	8.27	9.65	765	212.4	1.93	52.0
9:17	17.81	80	8.28	9.64	747	211.6	1.34	53.1
9:20	18.02	80	8.30	9.61	732	211.8	1.05	57.3
9:23	18.19	80	8.30	9.64	725	215.0	1.04	59.1
9:26	18.40	80	8.28	9.67	722	217.8	1.09	61.0
Req. Limits for Last 3 Readings			0.1	3%	3%	10 mV	10%	10%

Pump Mfg & Model	Color	Odor	Purge Vol (ml)	Sample Depth (ft.)
Geo Pump2 Peristaltic	cloudy	sl petro	2480	43.38

### Sample Containers

Type & No.	Volume	Preservative
2 Vials	2 x 40 mL	HCL
1 plastic	250 mL	HNO <sub>3</sub>

Type & No.	Volume	Preservative

**APPENDIX C**  
**Complete Laboratory Results**

March 22, 2007

HRP Associates, Inc.  
197 Scott Swamp Road  
Farmington, CT 06032  
**Attn: Mary Jane Mamed**

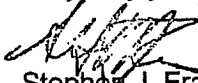
Please find attached laboratory report(s) for the samples submitted on:  
**March 12, 2007.**

All pertinent information for this analysis is located on the report. Should it be necessary to contact us regarding billing or the test results, please have the following information readily available:

Lab No. : 0307149  
PO/Job No. : ING0052.OM T-2  
Invoice No. : 147255  
Customer No. : 350

Please contact us if you have any questions.

Very truly yours,

  
Stephen J. Franco  
Laboratory Director  
PH-0547



**STEPHEN J. FRANCO**  
Laboratory Director  
**PHONE ■ 203/634-3731**  
[www.ctl-web.com](http://www.ctl-web.com) / [ctestlab@erols.com](mailto:ctestlab@erols.com)  
165 GRACEY AVENUE ■ MERIDEN, CT ■ 06451

Date Samples Received 03/12/2007

Client Name: HRP Associates, Inc.

CTL Lab No.: 0307149

Report Date: 04/16/2007

PO No: ING0052.OM T-2

Analyst: CP

## RESULTS OF ANALYSIS

Matrix Type:

WATER

CTL Sample No.:

4062

Field ID:

RMW-29

Parameters	Date Tested	RL					Method #
Arsenic, Total-mg/L	04/13/2007	0.004	BDL	--	--	--	200.7

RL=Reporting Level BDL = Below Detection Level

Connecticut Testing Laboratories, Inc.  
165 Gracey Avenue / Meriden, CT 06451  
(203) 634-3731 (Fax) 630-1336  
Certification CT-PH0547 / MA-CT035

Date Samples Received 03/12/2007

Client Name: HRP Associates, Inc.

CTL Lab No.: 0307149

Report Date: 03/20/2007

PO No: ING0052.OM T-2

Analyst: LP

### RESULTS OF ANALYSIS

Matrix Type:

WATER

WATER

CTL Sample No.:

4049

4051

Field ID:

RMW-6

RMW-9

Parameters	Date Tested	RL					Method #
CT ETPH-mg/L	03/19/2007	0.5	39.1	23.3	--	--	GC-FID

RL=Reporting Level BDL = Below Detection Level

Connecticut Testing Laboratories, Inc.  
165 Gracey Avenue / Meriden, CT 06451  
(203) 634-3731 (Fax) 630-1336  
Certification CT-PH0547 / MA-CT035

Date Samples Received 03/12/2007

Client Name: HRP Associates, Inc.

CTL Lab No.: 0307149

Report Date: 03/20/2007

PO No: ING0052.OM T-2

Analyst: LP

## RESULTS OF ANALYSIS

Matrix Type:	WATER	WATER	WATER	WATER
CTL Sample No.:	4055	4057	4061	4063
Field ID:	RMW-13	RMW-17	RMW-27	RMW-9 DUP

Parameters	Date Tested	RL					Method #
CT ETPH-mg/L	03/19/2007	0.10	0.80	BDL	8.60	0.40	GC-FID

RL=Reporting Level BDL = Below Detection Level

Connecticut Testing Laboratories, Inc.  
165 Gracey Avenue / Meriden, CT 06451  
(203) 634-3731 (Fax) 630-1336  
Certification CT-PH0547 / MA-CT035

Date Samples Received 03/12/2007

Client Name: HRP Associates, Inc.	CTL Lab No.: 0307149
Report Date: 03/20/2007	PO No: ING0052.OM T-2
	Analyst: SR

## RESULTS OF ANALYSIS

### 8260B Volatile Organics - GC/MS

Matrix Type:	WATER	WATER	WATER	WATER
CTL Sample No.:	4051	4052	4054	4055
Field ID:	RMW-9	RMW-10	RMW-12	RMW-13
Date Analyzed:	03/17/2007	03/17/2007	03/17/2007	03/17/2007
Date Extracted:	03/16/2007	03/16/2007	03/16/2007	03/16/2007

Parameters	Units	RL				
Dichlorodifluoromethane	ppb	1	BDL	BDL	BDL	BDL
Chloromethane	ppb	1	BDL	BDL	BDL	BDL
Vinyl chloride	ppb	1	BDL	3.0	12.0	21.0
Chloroethane	ppb	1	10.0	9.0	12.0	199.0
Bromomethane	ppb	1	BDL	BDL	BDL	BDL
Trichlorofluoromethane	ppb	1	BDL	BDL	BDL	BDL
1,1-Dichloroethylene	ppb	1	BDL	14.0	9.0	BDL
Methylene chloride	ppb	1	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	ppb	1	BDL	BDL	BDL	BDL
1,1-Dichloroethane	ppb	1	4.0	88.0	94.0	112.0
2,2-Dichloropropane	ppb	1	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	ppb	1	BDL	4.0	38.0	5.0
Chloroform	ppb	1	BDL	BDL	BDL	BDL
Bromochloromethane	ppb	1	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	ppb	1	BDL	13.0	79.0	25.0
1,1-Dichloropropylene	ppb	1	BDL	BDL	BDL	BDL
Carbon tetrachloride	ppb	1	BDL	BDL	BDL	BDL
Benzene	ppb	1	BDL	BDL	BDL	BDL
1,2-Dichloroethane	ppb	1	BDL	5.0	4.0	2.0
Trichloroethylene	ppb	1	BDL	5.0	2.0	1.0
1,2-Dichloropropane	ppb	1	BDL	BDL	BDL	BDL
Bromodichloromethane	ppb	0.5	BDL	BDL	BDL	BDL
Dibromomethane	ppb	1	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropylene	ppb	0.5	BDL	BDL	BDL	BDL
Toluene	ppb	1	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropylene	ppb	0.5	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	ppb	1	BDL	BDL	BDL	BDL
Tetrachloroethylene	ppb	1	BDL	1.0	2.0	BDL
1,3-Dichloropropane	ppb	1	BDL	BDL	BDL	BDL
Dibromochloromethane	ppb	0.5	BDL	BDL	BDL	BDL
1,2-Dibromoethane	ppb	1	BDL	BDL	BDL	BDL
Chlorobenzene	ppb	1	BDL	BDL	BDL	BDL
Ethyl Benzene	ppb	1	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	ppb	1	BDL	BDL	BDL	BDL

RL=Reporting Level BDL = Below Detection Level

Connecticut Testing Laboratories, Inc.  
165 Gracey Avenue / Meriden, CT 06451  
(203) 634-3731 (Fax) 630-1336  
Certification CT-PH0547 / MA-CT035

Date Samples Received 03/12/2007

Client Name: HRP Associates, Inc.	CTL Lab No.: 0307149
Report Date: 03/20/2007	PO No: ING0052.OM T-2
	Analyst: SR

## RESULTS OF ANALYSIS

### 8260B Volatile Organics - GC/MS

Matrix Type:	WATER	WATER	WATER	WATER
CTL Sample No.:	4051	4052	4054	4055
Field ID:	RMW-9	RMW-10	RMW-12	RMW-13
Date Analyzed:	03/17/2007	03/17/2007	03/17/2007	03/17/2007
Date Extracted:	03/16/2007	03/16/2007	03/16/2007	03/16/2007

Parameters	Units	RL				
p/m-Xylene	ppb	1	BDL	BDL	BDL	BDL
o-Xylene	ppb	1	BDL	BDL	BDL	BDL
Styrene	ppb	1	BDL	BDL	BDL	BDL
Bromoform	ppb	1	BDL	BDL	BDL	BDL
Isopropylbenzene	ppb	1	8.0	BDL	BDL	5.0
1,1,2,2-Tetrachloroethane	ppb	0.5	BDL	BDL	BDL	BDL
Bromobenzene	ppb	1	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	ppb	1	BDL	BDL	BDL	BDL
n-Propylbenzene	ppb	1	12.0	BDL	BDL	2.0
2-Chlorotoluene	ppb	1	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	ppb	1	BDL	BDL	BDL	BDL
4-Chlorotoluene	ppb	1	BDL	BDL	BDL	BDL
tert-Butylbenzene	ppb	1	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	ppb	1	BDL	BDL	BDL	BDL
sec-Butylbenzene	ppb	1	3.0	BDL	BDL	3.0
p-Isopropyltoluene	ppb	1	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	ppb	1	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	ppb	1	BDL	BDL	BDL	BDL
n-Butylbenzene	ppb	1	2.0	BDL	BDL	BDL
1,2-Dichlorobenzene	ppb	1	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane	ppb	1	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	ppb	1	BDL	BDL	BDL	BDL
Hexachlorobutadiene	ppb	10	BDL	BDL	BDL	BDL
Naphthalene	ppb	10	13.0	BDL	BDL	BDL
1,2,3-Trichlorobenzene	ppb	1	BDL	BDL	BDL	BDL
Methyl ethyl ketone	ppb	10	BDL	BDL	BDL	BDL
MIBK	ppb	10	BDL	BDL	BDL	BDL
Methyl butyl ketone	ppb	10	BDL	BDL	BDL	BDL
Methyl tert-butyl ether (MTBE)	ppb	1	BDL	BDL	BDL	BDL
Dibromofluoromethane	%	---	96	99	105	101
Toluene-d8	%	---	118	119	122	114

RL=Reporting Level BDL = Below Detection Level

Connecticut Testing Laboratories, Inc.  
165 Gracey Avenue / Meriden, CT 06451  
(203) 634-3731 (Fax) 630-1336  
Certification CT-PH0547 / MA-CT035



Date Samples Received 03/12/2007

Client Name: HRP Associates, Inc.	CTL Lab No.: 0307149
Report Date: 03/20/2007	PO No: ING0052.OM T-2
	Analyst: SR

## RESULTS OF ANALYSIS

### 8260B Volatile Organics - GC/MS

Matrix Type:	WATER	WATER	WATER	WATER
CTL Sample No.:	4056	4057	4058	4062
Field ID:	RMW-15	RMW-17	RMW-22	RMW-29
Date Analyzed:	03/17/2007	03/17/2007	03/17/2007	03/17/2007
Date Extracted:	03/16/2007	03/16/2007	03/16/2007	03/16/2007

Parameters	Units	RL				
Dichlorodifluoromethane	ppb	1	BDL	BDL	BDL	BDL
Chloromethane	ppb	1	BDL	BDL	BDL	BDL
Vinyl chloride	ppb	1	BDL	BDL	BDL	BDL
Chloroethane	ppb	1	BDL	BDL	BDL	BDL
Bromomethane	ppb	1	BDL	BDL	BDL	BDL
Trichlorofluoromethane	ppb	1	BDL	BDL	BDL	BDL
1,1-Dichloroethylene	ppb	1	BDL	BDL	BDL	BDL
Methylene chloride	ppb	1	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethylene	ppb	1	BDL	BDL	BDL	BDL
1,1-Dichloroethane	ppb	1	2.0	BDL	3.0	BDL
2,2-Dichloropropane	ppb	1	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	ppb	1	BDL	BDL	BDL	BDL
Chloroform	ppb	1	5.0	BDL	BDL	BDL
Bromochloromethane	ppb	1	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	ppb	1	2.0	BDL	BDL	BDL
1,1-Dichloropropylene	ppb	1	BDL	BDL	BDL	BDL
Carbon tetrachloride	ppb	1	BDL	BDL	BDL	BDL
Benzene	ppb	1	BDL	BDL	BDL	BDL
1,2-Dichloroethane	ppb	1	BDL	BDL	BDL	BDL
Trichloroethylene	ppb	1	BDL	BDL	BDL	BDL
1,2-Dichloropropane	ppb	1	BDL	BDL	BDL	BDL
Bromodichloromethane	ppb	0.5	BDL	BDL	BDL	BDL
Dibromomethane	ppb	1	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropylene	ppb	0.5	BDL	BDL	BDL	BDL
Toluene	ppb	1	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropylene	ppb	0.5	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	ppb	1	BDL	BDL	BDL	BDL
Tetrachloroethylene	ppb	1	BDL	BDL	BDL	BDL
1,3-Dichloropropane	ppb	1	BDL	BDL	BDL	BDL
Dibromochloromethane	ppb	0.5	BDL	BDL	BDL	BDL
1,2-Dibromoethane	ppb	1	BDL	BDL	BDL	BDL
Chlorobenzene	ppb	1	BDL	BDL	BDL	BDL
Ethyl Benzene	ppb	1	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	ppb	1	BDL	BDL	BDL	BDL

RL=Reporting Level BDL = Below Detection Level

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Certification CT-PH0547 / MA-CT035

Date Samples Received 03/12/2007

Client Name: HRP Associates, Inc.	CTL Lab No.: 0307149
Report Date: 03/20/2007	PO No: ING0052.OM T-2
	Analyst: SR

## RESULTS OF ANALYSIS

### 8260B Volatile Organics - GC/MS

Matrix Type:	WATER	WATER	WATER	WATER
CTL Sample No.:	4056	4057	4058	4062
Field ID:	RMW-15	RMW-17	RMW-22	RMW-29
Date Analyzed:	03/17/2007	03/17/2007	03/17/2007	03/17/2007
Date Extracted:	03/16/2007	03/16/2007	03/16/2007	03/16/2007

Parameters	Units	RL				
p/m-Xylene	ppb	1	BDL	BDL	BDL	BDL
o-Xylene	ppb	1	BDL	BDL	BDL	BDL
Styrene	ppb	1	BDL	BDL	BDL	BDL
Bromoform	ppb	1	BDL	BDL	BDL	BDL
Isopropylbenzene	ppb	1	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	ppb	0.5	BDL	BDL	BDL	BDL
Bromobenzene	ppb	1	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	ppb	1	BDL	BDL	BDL	BDL
n-Propylbenzene	ppb	1	BDL	BDL	BDL	BDL
2-Chlorotoluene	ppb	1	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	ppb	1	BDL	BDL	BDL	BDL
4-Chlorotoluene	ppb	1	BDL	BDL	BDL	BDL
tert-Butylbenzene	ppb	1	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	ppb	1	BDL	BDL	BDL	BDL
sec-Butylbenzene	ppb	1	BDL	BDL	BDL	BDL
p-Isopropyltoluene	ppb	1	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	ppb	1	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	ppb	1	BDL	BDL	BDL	BDL
n-Butylbenzene	ppb	1	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	ppb	1	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane	ppb	1	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	ppb	1	BDL	BDL	BDL	BDL
Hexachlorobutadiene	ppb	10	BDL	BDL	BDL	BDL
Naphthalene	ppb	10	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	ppb	1	BDL	BDL	BDL	BDL
Methyl ethyl ketone	ppb	10	BDL	BDL	BDL	BDL
MIBK	ppb	10	BDL	BDL	BDL	BDL
Methyl butyl ketone	ppb	10	BDL	BDL	BDL	BDL
Methyl tert-butyl ether (MTBE)	ppb	1	BDL	BDL	BDL	BDL
Dibromofluoromethane	%	---	100	97	97	99
Toluene-d8	%	---	116	119	117	115

RL=Reporting Level BDL = Below Detection Level

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Date Samples Received 03/12/2007

Client Name: HRP Associates, Inc.	CTL Lab No.: 0307149
Report Date: 03/20/2007	PO No: ING0052.OM T-2
	Analyst: SR

## RESULTS OF ANALYSIS

### 8260B Volatile Organics - GC/MS

Matrix Type:	WATER	WATER
CTL Sample No.:	4063	4064
Field ID:	RMW-9 DUP	TB-1
Date Analyzed:	03/17/2007	03/17/2007
Date Extracted:	03/17/2007	03/17/2007

Parameters	Units	RL				
Dichlorodifluoromethane	ppb	1	BDL	BDL	--	--
Chloromethane	ppb	1	BDL	BDL	--	--
Vinyl chloride	ppb	1	BDL	BDL	--	--
Chloroethane	ppb	1	11.0	BDL	--	--
Bromomethane	ppb	1	BDL	BDL	--	--
Trichlorofluoromethane	ppb	1	BDL	BDL	--	--
1,1-Dichloroethylene	ppb	1	BDL	BDL	--	--
Methylene chloride	ppb	1	BDL	BDL	--	--
trans-1,2-Dichloroethylene	ppb	1	BDL	BDL	--	--
1,1-Dichloroethane	ppb	1	4.0	BDL	--	--
2,2-Dichloropropane	ppb	1	BDL	BDL	--	--
cis-1,2-Dichloroethylene	ppb	1	BDL	BDL	--	--
Chloroform	ppb	1	BDL	BDL	--	--
Bromochloromethane	ppb	1	BDL	BDL	--	--
1,1,1-Trichloroethane	ppb	1	BDL	BDL	--	--
1,1-Dichloropropylene	ppb	1	BDL	BDL	--	--
Carbon tetrachloride	ppb	1	BDL	BDL	--	--
Benzene	ppb	1	BDL	BDL	--	--
1,2-Dichloroethane	ppb	1	BDL	BDL	--	--
Trichloroethylene	ppb	1	BDL	BDL	--	--
1,2-Dichloropropane	ppb	1	BDL	BDL	--	--
Bromodichloromethane	ppb	0.5	BDL	BDL	--	--
Dibromomethane	ppb	1	BDL	BDL	--	--
cis-1,3-Dichloropropylene	ppb	0.5	BDL	BDL	--	--
Toluene	ppb	1	BDL	BDL	--	--
trans-1,3-Dichloropropylene	ppb	0.5	BDL	BDL	--	--
1,1,2-Trichloroethane	ppb	1	BDL	BDL	--	--
Tetrachloroethylene	ppb	1	BDL	BDL	--	--
1,3-Dichloropropane	ppb	1	BDL	BDL	--	--
Dibromochloromethane	ppb	0.5	BDL	BDL	--	--
1,2-Dibromoethane	ppb	1	BDL	BDL	--	--
Chlorobenzene	ppb	1	BDL	BDL	--	--
Ethyl Benzene	ppb	1	BDL	BDL	--	--
1,1,1,2-Tetrachloroethane	ppb	1	BDL	BDL	--	--

RL=Reporting Level BDL = Below Detection Level

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Date Samples Received 03/12/2007

Client Name: HRP Associates, Inc.	CTL Lab No.: 0307149
Report Date: 03/20/2007	PO No: ING0052.OM T-2
	Analyst: SR

## RESULTS OF ANALYSIS

### 8260B Volatile Organics - GC/MS

Matrix Type:	WATER	WATER
CTL Sample No.:	4063	4064
Field ID:	RMW-9 DUP	TB-1
Date Analyzed:	03/17/2007	03/17/2007
Date Extracted:	03/17/2007	03/17/2007

Parameters	Units	RL				
p/m-Xylene	ppb	1	BDL	BDL	--	--
o-Xylene	ppb	1	BDL	BDL	--	--
Styrene	ppb	1	BDL	BDL	--	--
Bromoform	ppb	1	BDL	BDL	--	--
Isopropylbenzene	ppb	1	8.0	BDL	--	--
1,1,2,2-Tetrachloroethane	ppb	0.5	BDL	BDL	--	--
Bromobenzene	ppb	1	BDL	BDL	--	--
1,2,3-Trichloropropane	ppb	1	BDL	BDL	--	--
n-Propylbenzene	ppb	1	12.0	BDL	--	--
2-Chlorotoluene	ppb	1	BDL	BDL	--	--
1,3,5-Trimethylbenzene	ppb	1	BDL	BDL	--	--
4-Chlorotoluene	ppb	1	BDL	BDL	--	--
tert-Butylbenzene	ppb	1	BDL	BDL	--	--
1,2,4-Trimethylbenzene	ppb	1	BDL	BDL	--	--
sec-Butylbenzene	ppb	1	3.0	BDL	--	--
p-Isopropyltoluene	ppb	1	BDL	BDL	--	--
1,3-Dichlorobenzene	ppb	1	BDL	BDL	--	--
1,4-Dichlorobenzene	ppb	1	BDL	BDL	--	--
n-Butylbenzene	ppb	1	2.0	BDL	--	--
1,2-Dichlorobenzene	ppb	1	BDL	BDL	--	--
1,2-Dibromo-3-chloropropane	ppb	1	BDL	BDL	--	--
1,2,4-Trichlorobenzene	ppb	1	BDL	BDL	--	--
Hexachlorobutadiene	ppb	10	BDL	BDL	--	--
Naphthalene	ppb	10	10.0	BDL	--	--
1,2,3-Trichlorobenzene	ppb	1	BDL	BDL	--	--
Methyl ethyl ketone	ppb	10	BDL	BDL	--	--
MIBK	ppb	10	BDL	BDL	--	--
Methyl butyl ketone	ppb	10	BDL	BDL	--	--
Methyl tert-butyl ether (MTBE)	ppb	1	BDL	BDL	--	--
Dibromofluoromethane	%	----	104	99	--	--
Toluene-d8	%	----	109	119	--	--

RL=Reporting Level BDL = Below Detection Level

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Date Samples Received 03/12/2007

Client Name: HRP Associates, Inc.

Report Date: 03/20/2007

CTL Lab No.: 0307149

PO No: ING0052.OM T-2

Analyst: SR

## RESULTS OF ANALYSIS

### 8260B Volatile Organics - GC/MS

Matrix Type:	WATER	WATER	WATER
CTL Sample No.:	4050	4059	4060
Field ID:	RMW-8R	RMW-23	RMW-24
Date Analyzed:	03/17/2007	03/17/2007	03/17/2007
Date Extracted:	03/17/2007	03/17/2007	03/17/2007

Parameters	Units	RL				
Dichlorodifluoromethane	ppb	40	BDL	BDL	BDL	--
Chloromethane	ppb	40	BDL	BDL	BDL	--
Vinyl chloride	ppb	40	BDL	140.0	BDL	--
Chloroethane	ppb	40	BDL	170.0	BDL	--
Bromomethane	ppb	40	BDL	BDL	BDL	--
Trichlorofluoromethane	ppb	40	BDL	BDL	BDL	--
1,1-Dichloroethylene	ppb	40	75.0	79.0	85.0	--
Methylene chloride	ppb	40	BDL	BDL	BDL	--
trans-1,2-Dichloroethylene	ppb	40	BDL	BDL	BDL	--
1,1-Dichloroethane	ppb	40	86.0	510.0	75.0	--
2,2-Dichloropropane	ppb	40	BDL	BDL	BDL	--
cis-1,2-Dichloroethylene	ppb	40	100.0	270.0	210.0	--
Chloroform	ppb	40	BDL	BDL	BDL	--
Bromochloromethane	ppb	40	BDL	BDL	BDL	--
1,1,1-Trichloroethane	ppb	40	3,540.0	1,360.0	1,840.0	--
1,1-Dichloropropylene	ppb	40	BDL	BDL	BDL	--
Carbon tetrachloride	ppb	40	BDL	BDL	BDL	--
Benzene	ppb	40	BDL	BDL	BDL	--
1,2-Dichloroethane	ppb	40	BDL	BDL	BDL	--
Trichloroethylene	ppb	40	BDL	BDL	BDL	--
1,2-Dichloropropane	ppb	40	BDL	BDL	BDL	--
Bromodichloromethane	ppb	40	BDL	BDL	BDL	--
Dibromomethane	ppb	40	BDL	BDL	BDL	--
cis-1,3-Dichloropropylene	ppb	40	BDL	BDL	BDL	--
Toluene	ppb	40	BDL	BDL	BDL	--
trans-1,3-Dichloropropylene	ppb	40	BDL	BDL	BDL	--
1,1,2-Trichloroethane	ppb	40	BDL	BDL	BDL	--
Tetrachloroethylene	ppb	40	90.0	BDL	BDL	--
1,3-Dichloropropane	ppb	40	BDL	BDL	BDL	--
Dibromochloromethane	ppb	40	BDL	BDL	BDL	--
1,2-Dibromoethane	ppb	40	BDL	BDL	BDL	--
Chlorobenzene	ppb	40	BDL	BDL	BDL	--
Ethyl Benzene	ppb	40	BDL	BDL	BDL	--
1,1,1,2-Tetrachloroethane	ppb	40	BDL	BDL	BDL	--

RL=Reporting Level BDL = Below Detection Level

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Certification CT-PH0547 / MA-CT035

Date Samples Received 03/12/2007

Client Name: HRP Associates, Inc.	CTL Lab No.: 0307149
Report Date: 03/20/2007	PO No: ING0052.OM T-2
	Analyst: SR

## RESULTS OF ANALYSIS

### 8260B Volatile Organics - GC/MS

Matrix Type:	WATER	WATER	WATER
CTL Sample No.:	4050	4059	4060
Field ID:	RMW-8R	RMW-23	RMW-24
Date Analyzed:	03/17/2007	03/17/2007	03/17/2007
Date Extracted:	03/17/2007	03/17/2007	03/17/2007

Parameters	Units	RL				
p/m-Xylene	ppb	40	BDL	BDL	BDL	--
o-Xylene	ppb	40	BDL	BDL	BDL	--
Styrene	ppb	40	BDL	BDL	BDL	--
Bromoform	ppb	40	BDL	BDL	BDL	--
Isopropylbenzene	ppb	40	BDL	BDL	BDL	--
1,1,2,2-Tetrachloroethane	ppb	40	BDL	BDL	BDL	--
Bromobenzene	ppb	40	BDL	BDL	BDL	--
1,2,3-Trichloropropane	ppb	40	BDL	BDL	BDL	--
n-Propylbenzene	ppb	40	BDL	BDL	BDL	--
2-Chlorotoluene	ppb	40	BDL	BDL	BDL	--
1,3,5-Trimethylbenzene	ppb	40	BDL	BDL	BDL	--
4-Chlorotoluene	ppb	40	BDL	BDL	BDL	--
tert-Butylbenzene	ppb	40	BDL	BDL	BDL	--
1,2,4-Trimethylbenzene	ppb	40	BDL	BDL	BDL	--
sec-Butylbenzene	ppb	40	BDL	BDL	BDL	--
p-Isopropyltoluene	ppb	40	BDL	BDL	BDL	--
1,3-Dichlorobenzene	ppb	40	BDL	BDL	BDL	--
1,4-Dichlorobenzene	ppb	40	BDL	BDL	BDL	--
n-Butylbenzene	ppb	40	BDL	BDL	BDL	--
1,2-Dichlorobenzene	ppb	40	BDL	BDL	BDL	--
1,2-Dibromo-3-chloropropane	ppb	40	BDL	BDL	BDL	--
1,2,4-Trichlorobenzene	ppb	40	BDL	BDL	BDL	--
Hexachlorobutadiene	ppb	400	BDL	BDL	BDL	--
Naphthalene	ppb	400	BDL	BDL	BDL	--
1,2,3-Trichlorobenzene	ppb	40	BDL	BDL	BDL	--
Methyl ethyl ketone	ppb	400	BDL	BDL	BDL	--
MIBK	ppb	400	BDL	BDL	BDL	--
Methyl butyl ketone	ppb	400	BDL	BDL	BDL	--
Methyl tert-butyl ether (MTBE)	ppb	40	BDL	BDL	BDL	--
Dibromofluoromethane	%	----	105	132	125	--
Toluene-d8	%	----	111	112	111	--

RL=Reporting Level BDL = Below Detection Level

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Date Samples Received 03/12/2007

Client Name: HRP Associates, Inc.

Report Date: 03/20/2007

CTL Lab No.: 0307149

PO No: ING0052.OM T-2

Analyst: SR

## RESULTS OF ANALYSIS

### 8260B Volatile Organics - GC/MS

Matrix Type: WATER  
CTL Sample No.: 4053  
Field ID: RMW-11  
Date Analyzed: 03/17/2007  
Date Extracted: 03/17/2007

Parameters	Units	RL				
Dichlorodifluoromethane	ppb	100	BDL	--	--	--
Chloromethane	ppb	100	BDL	--	--	--
Vinyl chloride	ppb	100	BDL	--	--	--
Chloroethane	ppb	100	BDL	--	--	--
Bromomethane	ppb	100	BDL	--	--	--
Trichlorofluoromethane	ppb	100	BDL	--	--	--
1,1-Dichloroethylene	ppb	100	140.0	--	--	--
Methylene chloride	ppb	100	BDL	--	--	--
trans-1,2-Dichloroethylene	ppb	100	BDL	--	--	--
1,1-Dichloroethane	ppb	100	260.0	--	--	--
2,2-Dichloropropane	ppb	100	BDL	--	--	--
cis-1,2-Dichloroethylene	ppb	100	580.0	--	--	--
Chloroform	ppb	100	BDL	--	--	--
Bromochloromethane	ppb	100	BDL	--	--	--
1,1,1-Trichloroethane	ppb	100	3,650.0	--	--	--
1,1-Dichloropropylene	ppb	100	BDL	--	--	--
Carbon tetrachloride	ppb	100	BDL	--	--	--
Benzene	ppb	100	BDL	--	--	--
1,2-Dichloroethane	ppb	100	BDL	--	--	--
Trichloroethylene	ppb	100	BDL	--	--	--
1,2-Dichloropropane	ppb	100	BDL	--	--	--
Bromodichloromethane	ppb	100	BDL	--	--	--
Dibromomethane	ppb	100	BDL	--	--	--
cis-1,3-Dichloropropylene	ppb	100	BDL	--	--	--
Toluene	ppb	100	BDL	--	--	--
trans-1,3-Dichloropropylene	ppb	100	BDL	--	--	--
1,1,2-Trichloroethane	ppb	100	BDL	--	--	--
Tetrachloroethylene	ppb	100	BDL	--	--	--
1,3-Dichloropropane	ppb	100	BDL	--	--	--
Dibromochloromethane	ppb	100	BDL	--	--	--
1,2-Dibromoethane	ppb	100	BDL	--	--	--
Chlorobenzene	ppb	100	BDL	--	--	--
Ethyl Benzene	ppb	100	BDL	--	--	--
1,1,1,2-Tetrachloroethane	ppb	100	BDL	--	--	--

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Date Samples Received 03/12/2007

Client Name: HRP Associates, Inc.

Report Date: 03/20/2007

CTL Lab No.: 0307149

PO No: ING0052.OM T-2

Analyst: SR

## RESULTS OF ANALYSIS

### 8260B Volatile Organics - GC/MS

Matrix Type: WATER  
CTL Sample No.: 4053  
Field ID: RMW-11  
Date Analyzed: 03/17/2007  
Date Extracted: 03/17/2007

Parameters	Units	RL				
p/m-Xylene	ppb	100	BDL	--	--	--
o-Xylene	ppb	100	BDL	--	--	--
Styrene	ppb	100	BDL	--	--	--
Bromoform	ppb	100	BDL	--	--	--
Isopropylbenzene	ppb	100	BDL	--	--	--
1,1,2,2-Tetrachloroethane	ppb	100	BDL	--	--	--
Bromobenzene	ppb	100	BDL	--	--	--
1,2,3-Trichloropropane	ppb	100	BDL	--	--	--
n-Propylbenzene	ppb	100	BDL	--	--	--
2-Chlorotoluene	ppb	100	BDL	--	--	--
1,3,5-Trimethylbenzene	ppb	100	BDL	--	--	--
4-Chlorotoluene	ppb	100	BDL	--	--	--
tert-Butylbenzene	ppb	100	BDL	--	--	--
1,2,4-Trimethylbenzene	ppb	100	BDL	--	--	--
sec-Butylbenzene	ppb	100	BDL	--	--	--
p-Isopropyltoluene	ppb	100	BDL	--	--	--
1,3-Dichlorobenzene	ppb	100	BDL	--	--	--
1,4-Dichlorobenzene	ppb	100	BDL	--	--	--
n-Butylbenzene	ppb	100	BDL	--	--	--
1,2-Dichlorobenzene	ppb	100	BDL	--	--	--
1,2-Dibromo-3-chloropropane	ppb	100	BDL	--	--	--
1,2,4-Trichlorobenzene	ppb	100	BDL	--	--	--
Hexachlorobutadiene	ppb	1000	BDL	--	--	--
Naphthalene	ppb	1000	BDL	--	--	--
1,2,3-Trichlorobenzene	ppb	100	BDL	--	--	--
Methyl ethyl ketone	ppb	1000	BDL	--	--	--
MIBK	ppb	1000	BDL	--	--	--
Methyl butyl ketone	ppb	1000	BDL	--	--	--
Methyl tert-butyl ether (MTBE)	ppb	100	BDL	--	--	--
Dibromofluoromethane	%	---	126	--	--	--
Toluene-d8	%	---	105	--	--	--

RL=Reporting Level BDL = Below Detection Level

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**c:) Chain of Custody Remark**

**N<sup>o</sup> 4250**