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2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

Prepared For:

Kraft Foods Global, Inc.

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EXECUTIVE SUMMARY

On behalf of Kraft Foods Global, Inc. (Kraft Foods), LBG Engineering Services, P.C. (LBGES) has prepared the 2009 Annual Summary Report for the Former Rowe Industries Superfund Site (Site) located at 1668 Sag Harbor Turnpike in Sag Harbor, New York. The full-scale pump and treat (FSP&T) and focus pump and treat (FP&T) systems operated at the Site during 2009. The FSP&T system focuses on cleanup of volatile organic compounds (VOCs) (the contaminants of concern (COCs)) in the groundwater of the upper Glacial Aquifer in the area located hydraulically downgradient from the former drum storage area (FDSA). The discharge of the FP&T system was connected to the Equalization (EQ) tank of the FSP&T system and the focus recovery wells (FRWs) resumed operation on September 22, 2008 to remediate the COCs in the perched groundwater in the FDSA.

The following conclusions and recommendations are based on the performance of the FSP&T and FP&T systems during 2009.

FSP&T

1. The Recommended State Pollution Discharge Elimination System (SPDES) discharge criteria for volatile organic compounds (VOCs) were not exceeded in any discharge samples in 2009.

2. Concentrations of tetrachlorethylene (PCE) and trichloroethylene (TCE) in the plume of impacted groundwater in the upper Glacial Aquifer have gradually decreased during 2009. The highest downgradient plume concentration for PCE is in the vicinity of RW-6 and RW-7. PCE concentrations in the groundwater at RW-4, which started a downward trend in 2005, have continued to decrease in 2009. With the

exception of the month of May, the PCE concentrations in the groundwater at RW-4 were below the Applicable or Relevant and Appropriate Requirement (ARAR).

3. Concentrations of PCE, TCE and TCA were below the ARARs (5 ug/l) and below the laboratory reporting limits of 1 µg/l in the groundwater samples from RW-1 from the start of FSP&T system operation in December 2002 to July 2005, at which time normal operation of the well was ended. The quality of the groundwater samples collected from RW-1 in March and September 2009 continues to meet the ARARs; the concentrations of PCE, TCE and TCA being below laboratory reporting limits. Therefore, this recovery well will be left off. Semi-annual sampling of the water quality in this well is scheduled for 2010.

4. Groundwater elevation contour maps, from which the capture zones of the recovery wells are defined, provide evidence that the plume is being captured by the recovery wells with the exception of the COCs in monitor well MW-49B near RW-9. LBGES developed groundwater elevation contour maps from water levels measured in March and September 2009. LBGES plans to continue semi-annual monitoring of the water levels at recovery wells and select monitor wells. Possible reasons why water quality has improved with time in MW-49 may be natural attenuation and indirect influence of operation of RW-9. In order to determine if spot/pulse evacuation of groundwater from MW-49B could reduce the PCE concentrations in this location, approximately 800 gallons of groundwater was evacuated with the use of a vacuum truck. Groundwater samples collected following the evacuation indicated a slight decrease in the concentration of PCE.

5. Water levels at Crooked Pond, Lily Pond, Round Pond and Ligonee Brook were not impacted by the operation of the FSP&T System. Water levels at these locations were measured in March and September 2009. Surface water and groundwater levels in the piezometers will continue to be measured during semi-annual groundwater monitoring events.

6. Historically, Sag Harbor Cove salinity and temperature were not impacted by the operation of the FSP&T system. Based on conclusions from data collected from 2001 through 2007, coupled with similar conclusions from previous years, and independent reviews by Interscience Research Group, LBGES discontinued cove monitoring in 2008.

7. The maximum allowable vapor emissions from this system, of 0.022 lbs/hr were not exceeded in 2009. Vapor emissions, averaging 0.00011 lbs/hr, remain well below the maximum allowable vapor emissions limit. LBGES will continue to analyze vapor samples on a monthly basis.

8. Airflow through the air-stripper tower in 2009 ranged from approximately 1,548 scfm to 3,404 scfm and was adequate to treat the water by stripping the COCs from the influent water. Air flow will continue to be monitored using a calibrated hand-held air flow meter and the reason for the decline in air flow will be evaluated in 2010; with corrective actions to be taken as necessary.

9. Recovery well rehabilitation to improve well performance was completed in April and May 2009 for recovery wells RW-2, 4, 8 and 9. The well rehabilitation efforts continue to be effective in the wells where biofouling and iron encrustation, due to high iron concentrations in the groundwater, was the primary cause of reduced yield (RW-2, 4, 8 and 9). This finding was based on an increase in specific capacity, an increase in the pumping rate, or a reduction in the percent motor speed for a given flow setting. For additional information regarding the 2009 well rehabilitation results, refer to Appendix A.

10. All operating recovery wells will be evaluated in 2010 to determine what level of well rehabilitation is needed at that time. Well rehabilitation (with the use of Unicid^{TM}) is currently projected for RW-2, 4, 8 and 9 and redevelopment (physical redevelopment only) for RW-3, 5, 6 and 7 in 2010.

11. Following well rehabilitation activities, biofouling and iron encrustation was removed from the sump of the air-stripper tower in May 2009 and taken from the property for disposal as hazardous waste. The accumulation of biofouling and iron encrustation is caused by normal system operation. No significant build-up of biofouling or iron encrustation was observed in the packing material during 2009. The pattern of biofouling and iron encrustation accumulation in the treatment system suggests that the iron bacteria in the treated water continue to pass through the packing of the tower. The air-stripper tower packing material and the tower sump will be inspected periodically for biofouling and iron encrustation and, backwashed and/or cleaned as needed.

12. Biofouling and iron encrustation was removed from the bag filter housing, transfer tank and equalization tank in May 2009. The biofouling and iron encrustation from these tanks was removed and disposed of as hazardous waste following well rehabilitation activities. The accumulation of biofouling and iron encrustation is caused by normal system operation.

13. In November 2009, the bottom of the recharge basin was weeded and rototilled to remove vegetation and improve the recharge capacity.

14. An update of the groundwater model will be completed during 2010. Using the updated groundwater model, different combinations of operating recovery wells will be evaluated and then field tested to determine the optimum configuration for operating the recovery wells to effectively capture the remaining areas of the plume.

15. Active groundwater remediation of the plume is projected to continue with the existing FSP&T and FP&T systems for 2010.

16. A total of 218.6 lbs of VOCs has been recovered by the FSP&T and FP&T system since startup in December 2002. The recovered mass of VOCs exceeds the initial general estimate for total dissolved-phase VOCs provided by the original

groundwater model (183 lbs), which suggests that some of the COC mass that was recovered (and continues to be recovered) is being desorbed from the soil to the groundwater. An exponentially decreasing rate of VOC recovery (based on COC desorption rates) is anticipated with continued operation of the FSP&T system.

17. Historically the FSP&T system has operated on average, 60 to 70% of the time during a calendar year. While shut-downs for maintenance of the system can not be changed, the period the system remains off following power failure and communication alarms can be decreased. In 2008, LBGES hired local staff to respond to these types of alarms in an effort to increase the operational time of the FSP&T system. During 2009, the FSP&T system operated an average of 76% of the time during the months of January and April through December. The months of February and March were omitted because the FSP&T system only operated an average of 27% and 29%, respectively, due to downtime caused by a malfunction of the control computer for the FSP&T system, followed by additional downtime due to problems incurred during the installation of a new effluent flow meter of the FSP&T system.

FP&T

18. The FP&T system was connected to the FSP&T system in 2008 and the four focus recovery wells were restarted on September 22, 2008. Active groundwater remediation of the FDSA is projected to continue with the existing FSP&T system for 2010. In the event contaminated water migrates from the FDSA, it will be captured by the FSP&T system onsite recovery wells.

19. Concentrations of PCE, TCE, cis 1,2-dichloroethene (12DCE) and vinyl chloride (VC) in the groundwater samples from focus recovery well (FRW-1) one and FRW-4 have gradually decreased during 2009. The concentrations in FRW-2 and FRW-3 varied throughout the year. The highest PCE concentrations were detected in groundwater samples from FRW-3 during July 2009.

20. Concentrations of TCE and 12DCE were below the ARARs (5ug/l) and VC was below the New York State Department of Environmental Conservation (NYDEC) ambient water quality standard (1 ug/l) in groundwater samples from FRW-2 and FRW-4 during 2009. The concentration of 12DCE was below the ARAR in groundwater samples from FRW-1 from July thru December 2009.

21. Recovery well maintenance to improve well performance was completed in February and August 2009 for recovery wells FRW-1 thru FRW-4. The maintenance events consisted of evacuating accumulated sediment from the recovery well sumps and cleaning and inspection of the pumps. All recovery wells will be routinely evaluated in 2010 and maintenance will be scheduled as needed.

22. Following recovery well maintenance activities, sediment was evacuated from the empty FP&T system carbon vessels and holding tank. The below-grade piping connecting the FP&T and FSP&T systems was cleaned four times during 2009. Flow from the FP&T system to the FSP&T system will be monitored during 2010 and maintenance will be scheduled as needed.

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I. INTRODUCTION

On behalf of Kraft Foods Global, Inc. (Kraft Foods), LBG Engineering Services, P.C. (LBGES) has prepared the 2009 Annual Summary Report for the former Rowe Industries Superfund Site (Site) located at 1668 Sag Harbor Turnpike in Sag Harbor, Suffolk County, New York. The purpose of this report is to present a performance summary of the Full Scale Pump and Treat (FSP&T) system (Section II) and a summary of activities that occurred during operation of the Focused Pump and Treat (FP&T) system (Section III). A summary of the waste generated for the Site is included in Section IV. The conclusions and recommendations for future actions at the Site are included in Section V. Site maps are provided as figures 1 and 2.

II. FULL SCALE PUMP AND TREAT SYSTEM

This section of the report provides a summary of the performance of the FSP&T system with respect to operation and maintenance (O&M) activities, water-quality data, air quality data and hydrogeological data.

A total of 126,743,521 gallons of groundwater was treated by the FSP&T and FP&T systems from January 1, 2009 to December 31, 2009. A total of 4.5 pounds of volatile organic compounds (VOCs) has been recovered by the FSP&T and FP&T systems from December 30, 2008 to December 22, 2009.

A. Operation and Maintenance (O&M) Activities

The system operated for 76% of the time during the months of January and April through December 2009, which equates to a total of 232 days out of a possible 306 days. The months of February and March were not included in this calculation because the FSP&T system only operated an average of 27% and 29%, respectively, due to downtime caused by a malfunction the FSP&T system control computer, followed by additional downtime due to problems incurred

during the installation of a new FSP&T system effluent flow meter. A summary of the major O&M activities for the year is presented below:

- Replaced damaged or malfunctioning flow meter parts and flow meter transmitters at RW-3, RW-4, RW-8, in the onsite combined flow meter, off site combined flow meter, and in the system effluent flow meter;

- Replaced the malfunctioning effluent flow meter (Feb-March 2009);

- Inspected the carbon vessels and repaired the damaged screen that supports the activated carbon in the vapor phase carbon vessels (March 2009);

- Installed a new backup power supply for the system control computer (April 2009);

- Replaced the damaged hard drive of the system control computer (February and March 2009)

- Repaired a gap between the air stripper blower air duct and the air stripper tower (June 2009);

- Replaced malfunctioning RW-9 motor disconnect switch (August 2009);

- Installed two new below grade cleanout ports; one on Brick Kiln Road between RW-8 and the intersection of Carroll Street; the second on Carroll Street between RW-7 and the intersection Brick Kiln Road;

- Replaced the malfunctioning pump or motor in RW-2, RW-4, RW-8 and RW-9;

- Reset the flow meter totalizers for RW-2, RW-3, RW-4, RW-5, RW-6, RW-7, RW-8, RW-9, EQ TP101 and effluent flow meters when necessary;

- Inspected and recovered a section of exposed discharge pipe between the treatment building and recharge basins;

- Inspected and replaced the booster blower (BB) and air stripper blower (ASB) belts when necessary;

- A technician from Verizon repaired a defective telephone wire for the DSL service (June 2009);

- Completed well rehabilitation activities for recovery wells RW-2, 4, 8 and 9 in April and May 2009;

- A technician from Absolute Control replaced the malfunctioning heater in the FSP&T system building and inspected the control panel air-conditioning unit;

- Removed the biofouling and iron encrustation from the equalization (EQ) tank, air-stripper tower sump and/or transfer tank in February and May 2009;

- Removed vegetation from the primary and secondary recharge basins and rototilled the primary basin (December 2009);

- Completed three maintenance events to remove biofouling and iron encrustation that included cleaning vault piping and flow meters at the recovery wells, below-grade piping, check valves and building piping. The heaviest biofouling and iron encrustation continues to occur in recovery wells RW-2, 4, 8 and 9;

- Conducted routine O&M activities including lubricating pumps and motors, FSP&T system sampling, recovery well sampling, vapor sampling, and troubleshooting/resetting alarms;

- Installed new pressure transducers in RW-3, RW-4 and RW-8;

- Surveyors from Squires, Holden, Weisbacher & Smith surveyed the potable water line from the junction box near Sag Harbor Turnpike to the FSP&T system building and the discharge line from the FSP&T system building to the recharge basins. The survey data was used to produce an updated base map that includes these features (March 2009);

- Changed the dehumidifier filters in the FSP&T system building as needed (April 2009);

- Cleaned out and inspected the trench drain in front of the FSP&T system building and the storm drain behind the FSP&T system building (April 2009); and

- Technicians from Reliable Detection Systems, LLC. repaired the malfunctioning FSP&T system building fire and security alarm control panel (April 2009).

B. Water-Quality Data

The results of all weekly effluent water-quality sampling events for the FSP&T system in 2009 have been below the recommended state pollutant discharge elimination system (SPDES) Equivalent Effluent Criteria. The New York State Department of Environmental Conservation (NYSDEC) renewed the SPDES Equivalent Effluent Criteria for the Site in 2006. The duration of the SPDES permit is five years. The minimum pH value in the SPDES permit was lowered from 6.5 to 5.0 to reflect the actual pH conditions in the groundwater at the Site.

Table 1 presents average groundwater quality parameters measured in the field at the recovery wells during 2009. The table includes pH, temperature, turbidity, dissolved oxygen (DO), conductivity, and oxidation reduction potential (ORP). A calibrated Horiba U-22 water quality meter was used for all the measurements in 2009. The pH of the groundwater measured at operating FSP&T recovery wells ranged from 5.55 (RW-2) to 5.83 (RW-8). The DO and ORP values in the groundwater at the recovery wells indicate that aerobic conditions are present.

C. Recovery Well Performance

Table 2 presents a summary of recovery well operation for 2008 and 2009. The table includes the total volume of water pumped and the average flow rate from each recovery well. The total volume of water value for 2009 represents both the FSP&T system recovery wells and the FP&T system recovery wells. The FP&T system was connected to the FSP&T system in October of 2008; the total volume of water value for 2008 does not include the FP&T recovery wells prior to October 2008.

The decrease in the volume of water pumped from the recovery wells between the years 2008 and 2009 is attributed to an increase in the down time due to maintenance activities related to the FSP&T system control computer. The volume of water pumped from RW-3 increased in 2009 because the recovery well was operated continuously while in 2008 the well was cycled on and off.

The average flow rate from RW-4 was slightly higher in 2009 than in 2008 due to an increase in the cleaning frequency of the well-head piping. The flow set point at RW-7 was increased to 85 gpm from 70 gpm in February 2009 in an effort to capture more of the contaminant plume along Carroll Street. The average flow rate from RW-8 started to decline from 50 gpm in April 2009 to 35 gpm in September 2009. The decline in flow rate occurred due to biofouling and iron encrustation on the pump intake and the associated wear on the pump motor. The flow rate returned to 50 gpm following cleaning of the iron encrustation and the installation of a new pump and motor in December 2009.

The pumping rate has been set at 15 gpm for RW-6 since June 2005 to prevent excessive groundwater drawdown that could de-water the pump. As previously discussed in monthly status reports, the increase in groundwater drawdown in RW-6 is believed to be caused by a combination of factors, including finer soils in the immediate vicinity of RW-6 and microbial growth that is resistant to well rehabilitation efforts.

Based on a review of the hourly operational data for RW-6 in 2009, a summary of which is presented in Table 3, the groundwater drawdown has varied between 28.61 and 33.74 feet (ft) at an average pumping rate of 15 gpm. Groundwater drawdown in RW-6 increased slightly in 2009; reflecting the normal pattern of declining well efficiency that has been documented for this well. Drawdown in RW-6 will continue to be monitored monthly through 2010 and this well is scheduled for redevelopment in 2010. The 2006 groundwater model has indicated that the plume

can be captured without RW-6 operating. However, it is more efficient and cost effective to capture the plume where it is present at the highest concentrations, than to allow it to mitigate downgradient before capture. Therefore, the operation of RW-6 will continue as long as aquifer conditions allow and the remaining portion of the plume around the well is effectively being recovered.

Table 4 presents a summary of the groundwater quality results from monthly sampling of the operating recovery wells in the FSP&T system for 2008 and 2009 and the groundwater quality results from RW-1 for 2004 through 2009. The 2008 and 2009 time periods are presented to assist with evaluating trends and for easy reference to highlight a few key points discussed below. Graph 1 illustrates annual average PCE, TCE, TCA and total VOC concentrations in the groundwater at RW-2 through RW-9 for 2009. PCE, TCE or TCA were not detected in groundwater samples collected from RW-1 in 2009. TCE was detected in groundwater samples collected from RW-2, 3, 4, 5 and 6 but below the Applicable or Relevant and Appropriate Requirements (ARARs) of 5 µg/l. TCE was not detected in groundwater samples from RW-1, 7, 8 and 9.

The constituents of concern, PCE, TCE and TCA, were not detected in groundwater samples from RW-8 and RW-9 in 2009. During the month of November, low concentrations of other VOCs were detected: MTBE (0.6 µg/l) in a sample from RW-8; and bromoform (0.75 µg/l) and dibromochloromethane (0.84 µg/l) in a sample from RW-9. Dibromochloromethane was also detected (1.2 µg/l) in a groundwater sample from RW-9 during the month of September. These detections account for the total VOCs on graph 1 for RW-8 and RW-9. Historically low concentrations of these constituents have been detected in the recovery wells with decreasing frequency in recent times.

Graph 2 illustrates monthly average PCE concentrations in groundwater from recovery wells RW-2, RW-4, RW-6 and RW-7; this graph excludes RW-1 because RW-1 was not operating and RW-3, RW-5, RW-8 and RW-9 because PCE was not detected in groundwater samples from these recovery wells in 2009. The PCE concentrations in the groundwater at RW-2 have exhibited a decreasing trend in 2009 and were below the ARAR of 5 µg/l starting in March 2009. The PCE concentrations in the groundwater at RW-4 were also below the ARAR of 5 µg/l with the exception of the month of May (5.8 µg/l).

The highest PCE concentrations in the groundwater during 2009 were consistently detected in the samples from RW-6 and RW-7. The PCE concentrations in the samples from RW-6 varied slightly through the year, and ranged from 8.3 to 13 µg/l. The PCE concentrations in the samples from RW-7 varied near the ARAR with the exception of a spike (9.5 µg/l) in September 2009; concentrations during the rest of the year ranged from 3.8 to 6.3 µg/l. The PCE concentrations in samples from RW-6 and RW-7 have decreased since 2008, which suggests that the operation of the FSP&T system continues to have a beneficial impact on the aquifer.

Graph 3 illustrates the monthly TCA concentrations in groundwater for recovery wells RW-2, 3, 4, 5, 6 and 7. RW-1, RW-8 and RW-9 are excluded from this graph because TCA was not detected in groundwater samples from these wells during 2009. TCA concentrations in the groundwater at RW-4 ranged from below 1.0 to 8.1 µg/l and were below the ARAR of 5 µg/l during the first half of the year, then increased slightly during the second half of the year, however, remained less than 10 µg/l. This fluctuation is likely due to normal variability in groundwater quality observed in the plume. TCA concentrations in the groundwater at RW-6, were above the ARAR concentration during the first half of the year, but remained less than 10 µg/l, and were near or just below ARAR during the second half of the year. The highest TCA concentration detected in the groundwater at RW-4 and RW-6 was 8.1 µg/l in August and April 2009, respectively. The TCA concentrations in groundwater samples from RW-2, 3, 5 and 7 remained relatively stable and have been below the ARAR in 2009.

D. Semi-Annual Groundwater Sampling

Semi-annual groundwater samples were collected and analyzed from recovery wells and select monitor wells in March and September 2009. This information is included in tables 5, 6, and 7 for PCE, TCE and TCA, respectively. The laboratory reports for the March and September 2009 sampling events are presented in Appendix B.

VOC concentrations were not detected in the groundwater sample from monitor well MW-B1 near the recharge basin in September 2009. In addition, weekly effluent system water samples contained no reported VOC concentrations above the SPDES discharge criteria in 2009, however, VOCs were detected above laboratory reporting limits but below ARARs in June and December of 2009. The above information suggests that the FSP&T system is adequately removing the COCs from the groundwater before it is discharged, and that the discharge of

treated groundwater to the recharge basins has not impacted the quality of the underlying groundwater.

During the September 2009 semi-annual groundwater sampling, low concentrations of bromoform (0.82 to 3.9 ug/l) and/or dibromochloromethane (0.99 to 3.6 ug/l) were detected in six of the monitor well samples, seven recovery well samples and one of the three field blanks. The only thing these samples had in common was that they were collected on the same day; they were collected by different hydrogeologists, using different equipment and tubing. The samples were also analyzed by the laboratory on a number of different days, by different laboratory technicians. The samples from the monitor wells were collected using the low-flow procedure and the recovery wells (with the exception of RW-1) were sampled via a sampling port. Once the samples were collected in labeled 40 milliliter (ml) vials preserved with hydrochloric acid (HCl), the vials were closed and place in bubble wrap bags in a cooler with ice. These constituents were not detected in either the trip blanks or the laboratory method blanks thus there is no clear evidence of cross contamination during sampling, transport or analytical procedures. A review of historical data revealed that bromoform and dibromochloromethane were detected at similar concentrations in September and October of 2004.

1. Regional Aquifer – FSP&T

PCE concentrations in groundwater continue to decrease in the downgradient plume since the start of the FSP&T system in December 2002. PCE concentrations in the groundwater continue to be detected above the ARARs at RW-4 (2.1 to 5.8 µg/l) on Sag Harbor Turnpike and at RW-6 (8.3 to 13 µg/l) and RW-7 (3.2 to 9.5 µg/l) along Carroll Street. Although PCE was detected in groundwater samples from MW-44A (located on the SHI property near RW-2), MW-47A (located in the woods on the SHI property), MW-54 (along Carroll Street) and MW-49B (on Noyac Road), the detections were below the ARAR of 5 µg/l. During semi-annual sampling events, the PCE concentrations in the above-mentioned wells ranged from 0.81 µg/l to 3.6 µg/l. The PCE plume downgradient from the FDSA continues to have a decreasing trend in concentration.

TCE was detected in the groundwater sample from RW-3 during the March sampling event at 2.5 µg/l. TCE was not detected at any other regional monitoring locations during the March and September 2009 sampling events.

TCA concentrations in the groundwater were detected above the ARAR concentration of 5 µg/l at RW-6 and MW-53 along Carroll Street. The highest TCA concentration of 20 µg/l (March 2009) was detected in the groundwater sample from MW-53 located between RW-5 and RW-6 along Carroll Street. The concentrations at RW-6 during 2009 ranged between 4.1 and 8.1 µg/l. TCA concentrations above the laboratory detection limit of 1 ug/l but below the ARAR were detected in an additional 4 wells: MW-54 and RW-5 along Carroll Street and at RW-2 and RW-3 on the Sag Harbor Industries property. The TCA concentrations in the water samples from these wells ranged from 1.0 µg/l to 3.4 µg/l.

2. Local Perched Groundwater - FDSA

The PCE concentrations in the FP&T wells (FRW-1, 2, 3, and 4) and monitor wells in the FDSA ranged from 1.1 µg/l to 270 µg/l during the March and September 2009 sampling events. Groundwater in the FDSA continues to have the highest PCE concentrations in the entire plume.

For the same sampling events, the TCE concentrations in the FP&T recovery (FRW-1 and FRW-3) and monitor wells (MW-98-5A) in the FDSA ranged from less than 1.8 µg/l to 50 µg/l. Groundwater in the FDSA had the highest TCE concentrations in the entire plume.

TCA was not detected in any of the FP&T recovery or monitor wells during the March and September 2009 sampling events. The FDSA water quality is further discussed in Section III.

E. Air-Quality Data

Vapor-phase carbon is used to treat the air from the air stripper that is carrying VOCs. Table 8 presents a summary of the vapor-phase carbon operating data for 2009. The dates presented in the table indicate when the air samples were collected. The operating time indicates the total amount of time the system operated for that month. The annual average airflow through the tower and the carbon units was 2,205 standard cubic feet per minute (scfm).

A decrease in volumetric air flow was observed over time during 2009. Possible causes for the decrease in air flow may be one or a combination of the following:

- iron build up in the air stripper tower;
- pressure building up in the carbon vessels;
- operation of the blower;

- a leak in the air duct; and
- accuracy of the hand held air meter.

Each of these factors will be evaluated and if needed addressed to restore the air flow rate to equipment design flow.

The VOC vapor emissions ranged from 0.00003 lbs/hr (January 2009) to 0.00023 lbs/hr (November 2009). These vapor emissions are well below the allowable VOC emissions of 0.022 lbs/hr. After accounting for some variability of individual data points, the VOC emission rates for January to December 2009 increased slightly through the year. During November 2008 the carbon in the vapor-phase carbon units was changed-out and a significant decrease in VOC vapor emissions was observed at that time. The VOC vapor emissions are expected to increase slightly as on the adsorption capacity of the carbon is used up. The air quality data will continue to be monitored monthly in 2010 and the need for vapor-phase carbon change-out will be monitored on an ongoing basis.

Graph 4 illustrates effluent VOC vapor concentrations (mg/m^3) and VOC vapor emissions (lbs/hr) for 2009. The maximum allowable VOC vapor emissions is 0.022 lbs/hr. The total VOC vapor emissions from the effluent stack from January 1, 2009 to December 31, 2009 were 0.67 pounds.

Table 9 presents a summary of air quality concentrations for the FSP&T system. Based on the influent and effluent vapor data, the vapor-phase portion of the remediation system is functioning properly. The effectiveness of the vapor-phase carbon is more evident on some of the VOCs (PCE and TCE) compared to others (TCA, DCA and cis-DCE). There is evidence of breakthrough of TCA, DCA and cis-DCE in several of the samples collected at the mid- and post-carbon sample locations. However, the concentrations at the post-carbon location are well below the stack emissions concentrations that would exceed the Ambient Guideline Concentrations (AgC) at the property boundary based on the model and associated calculations completed during the design of the FSP&T system.

F. Hydrogeological Summary

The following section provides a summary of water level data and capture zone information collected in 2009.

1. Water-Level Data

Comprehensive rounds of groundwater levels were measured in February, March and September 2009. During each event, the water levels were measured when the system was off for maintenance (or because of an alarm) and when it was operating. These measurements were used to define groundwater flow patterns, which were interpreted to evaluate the effectiveness of the FSP&T system recovery wells at capturing the VOC plume. Table 10 presents a summary of the groundwater elevations at the recovery wells and at select monitor well locations that were used to update the capture zone figures discussed in the next section.

Water-level monitoring was conducted using the piezometers in Crooked Pond, Whaler's Road Pond, Lily Pond, Round Pond and four locations in Ligonee Brook during February, March and September 2009 to assess the potential for impacts by the FSP&T system on water levels in these surface-water bodies. The Whaler's pond piezometer was missing during the 2009 monitoring events; the necessity for the replacement of this piezometer will be evaluated in early 2010. Accompanying pond and creek hydrograph data are included as Appendix C.

Groundwater levels and pond water levels are measured in the piezometers to determine the difference between the potentiometric heads in the underlying aquifer and the pond water levels. Based on an independent review of 2001 thru 2007 water level data by Interscience Research Group, Inc. (IRG) in the report titled "Recommendations for Continued Salinity, Groundwater Elevation and Surface Water Elevation Monitoring," which was included in Appendix D of the 2007 annual summary report, the operation of the FSP&T system does not have a measurable impact on the water levels in the cove and ponds. Groundwater levels and pond water levels measured during 2009 are consistent with historic trends indicating that the conclusions reached in 2007 are still applicable.

Supplemental background groundwater elevation data are presented to provide information about groundwater elevations for the region and were obtained from the United States Geological Survey (USGS) monitor well (identified as USGS well number 405756072173502 S 8833.2) located near Crooked Pond from January 1, 2009 to December 31, 2009, which are presented in Appendix D. Water-level data are both downloaded from the USGS website and periodically measured as part of the monitoring program. The N.G.V.D. 1929 is used as the reference datum for reporting groundwater elevations. This USGS monitor well is close enough to the site to be able to reflect local patterns in groundwater

elevation fluctuations but not close enough to be influenced by the operation of the FSP&T system. This USGS well is located approximately one mile hydraulically upgradient of the Site. Water elevations measured for the USGS well indicate fluctuations of over two feet during the course of the year. The highest water elevations occurred in June, and the lowest water elevations occurred in January (data were collected for only one day in October).

2. Capture Zone Evaluation

An analysis of the capture zone was completed for the Site by preparing groundwater elevation contour maps using March and September 2009 data. Figures 3 and 4 show the February and March 2009 groundwater flow conditions when the FSP&T and FP&T systems were not operating (static conditions) and when the systems were operating, respectively. Figures 5 and 6 show the September 2009 groundwater flow conditions when the FSP&T and FP&T systems were not operating and when the FSP&T and FP&T systems were operating, respectively. In figures 3 and 5, the groundwater flow direction is to the north and northwest. Figures 4 and 6 show the influence on the groundwater flow patterns when the FSP&T recovery wells are operating. Capture zone lines for each recovery well are shown as dashed red lines on figures 4 and 6. Figures 7 and 8 are the PCE plume maps for March and September 2009, respectively. Figures 9 and 10 are the TCA plume maps for March and September 2009, respectively. Both sets of plume maps are discussed in the "Groundwater Plume" section of the report.

Based on the data presented in figures 4, 6, 7 and 8, the contaminant plume is being effectively captured by the FSP&T remediation system with the exception of the residual concentrations below ARARs in the vicinity of the MW-49 well cluster. The MW-49 well cluster is outside of the capture zone, however, the decrease in PCE concentrations over time at this location suggests that along with natural attenuation the operation of RW-9 may have an indirect impact on groundwater quality in this area.

During August 2009, approximately 800 gallons of groundwater were evacuated from MW-49A and 49B with the use of a vacuum truck. Groundwater samples were collected following the evacuation in order to determine if spot (pulse) evacuation of groundwater from these monitor wells would have an affect on groundwater quality. PCE was detected in the groundwater sample collected from MW-49B following the evacuation at 1.7 µg/l. This

concentration is lower than the concentrations detected during the March and September 2009 semi-annual groundwater sampling events, 3.6 and 2.6 µg/l, respectively. These results suggest that there is no nearby volume of more highly contaminated water and that a rebound of concentrations in the near term should not occur.

In order to assess if pumping conditions have an effect on the PCE concentrations at MW-49B, LBGES collected groundwater samples from MW-49B under both static and pumping conditions. On September 15, 2009 a groundwater sample was collected during static conditions (recovery wells were off for a minimum of 48 hours). Following sampling, recovery wells RW-8 and RW-9 were restarted and a second groundwater sample was collected on September 17, 2009 after 48 hours of pumping. PCE concentrations in the two samples were 2.3 and 2.6 µg/l, respectively. Although the PCE concentration in the groundwater at MW-49B is slightly higher with recovery wells RW-8 and RW-9 pumping, the difference of 0.3 µg/l is not diagnostic because it is within the range of natural fluctuations. The results suggest that there is no affect on the PCE concentrations in MW-49B whether RW-8 and RW-9 is operating or not, which is consistent with the defined capture zones. Laboratory results are included in Appendix B along with the semi-annual sampling laboratory results.

3. Flora and Fauna Monitoring

IRG conducts quarterly (winter, spring, summer and fall) flora and fauna inspections of the wetlands near Ligonee brook and Sag Harbor Cove. The quarterly reports provided by IRG have been included in appendix E. IRG records and analyzes long term trends to determine if the operation of the groundwater remediation system has made any measureable alteration in the flora and fauna present in the Ligonee Brook and Ligonee Creek estuary. Based on IRGs conclusions, the operation of the FSP&T system had no measureable effects on flora and fauna in the area.

G. Groundwater Plume

Water level and analytical data were collected in select monitor wells and recovery wells in March and September 2009. The sampling data were used to prepare updated PCE and TCA plume maps. Figures 7 and 8 present the PCE plume maps for March and September 2009,

respectively. Figures 9 and 10 present the TCA plume map for March and September 2009, respectively.

1. PCE Plume

The concentrations in the samples collected to delineate the regional PCE plume in September 2009 decreased slightly or stayed the same when compared to samples collected to delineate the PCE plume in March 2009. The size of the September 2009 plume remained approximately the same size compared to the PCE plume in March 2009. In general, the PCE concentrations near RW-6, the area of historically highest concentrations in the downgradient plume, have decreased slightly since 2008. At RW-7, the PCE concentrations remained about the same.

The FDSA PCE plume map shows lower concentrations in September than in March 2009. The peak PCE concentration in the groundwater in the FDSA was 270 µg/l and 110 µg/l in March 2009 and September 2009, respectively. Since the restart of the FP&T system in October 2008, the location of the highest PCE concentrations has shifted from the area around FRW-1 to the area around FRW-3. This shift is likely due to the effects of pumping. The FRW's cycle on and off based on the available groundwater drawdown at each well. FRW-1 and FRW-4 pump a greater amount of groundwater, at a greater pumping rate and frequency than FRW-2 and FRW-3.

2. TCA Plume

The TCA plume has degraded into two small plumes that include two areas around RW-2 and along Carroll Street. TCA concentrations decreased slightly between the March and September 2009 semi-annual sampling events. TCA concentrations at RW-2 and RW-3 have decreased steadily for the last several years and TCA was not detected in RW-2 or RW-3 during the September 2009 sampling event. The highest TCA concentration of 20 µg/l was detected at MW-53, which is located along Carroll Street, in March 2009. The highest concentration detected in September 2009 was 5.8 µg/l, also at MW-53. TCA was not detected in groundwater samples collected from the FDSA in 2009. The 2009 TCA plume remained similar to the 2008 TCA plume.

Figure 11 presents the pre-remediation, October 2007 and the September 2009 regional PCE plume maps. PCE concentrations in the groundwater remained similar between

October 2007 and September 2009. The comparison of the October 2007 and September 2009 plume maps suggest that the FSP&T system continues to be effective at remediating the VOCs in the plume, however, the size of the plume may be stabilizing. During 2009, the overall horizontal extent of the plume remained approximately the same size as in 2008. As the highest concentrations of contaminants are now lower than the historically detected concentrations and approach the ARARs, the rate at which PCE and TCA are recovered and the rate at which concentrations decrease in the groundwater will slow. Past experience with the pump-and-treat methods of groundwater remediation has shown that there would initially be a rapid decline in the contaminant concentrations in groundwater but eventually the rate of decline will slow. As concentrations decrease, natural fluctuations in groundwater quality become more apparent and can influence how the plume is depicted on maps.

Table 11 and Graph 5 show total VOCs recovered by the FSP&T system and influent PCE concentrations from November 26, 2002 to December 22, 2009. The rate at which the VOCs are being recovered is about the same as for 2008. The PCE concentrations detected in the recovered groundwater continue to gradually decrease with time.

H. Groundwater Model

The groundwater model will be updated in 2010 using groundwater quality data, groundwater elevation data and recovery well pumping data through 2009. The update to the groundwater model is being completed to:

- re-calculate a time to remediate the groundwater to ARAR concentrations; and
- evaluate different pumping recovery well configurations to optimize the recovery of the remaining VOC-impacted groundwater.

The more favorable pumping scenarios evaluated for the groundwater model will be field tested and the model will be compared to actual measured groundwater elevations for each scenario. Capture zones created by each scenario will be evaluated to identify the most efficient and complete scenario for plume capture. Upon completion of the work, a report will follow under a separate cover.

III. FOCUSED PUMP AND TREAT SYSTEM AND FDSA WATER QUALITY

On April 3, 2007, the FP&T system was turned off because water quality data from the recovery wells in the FDSA indicated that some degradation of PCE was occurring and that turning off the recovery wells might contribute to creating/maintaining anaerobic conditions. This situation was discussed in the First Quarter 2007 Status Report for the FP&T system.

However, the water-quality data collected in the first and second quarter of 2008, indicated that the degradation of VOCs was not proceeding at a sufficient rate and active remediation of the groundwater was warranted to achieve compliance with the aquifer restoration ARARs in a timely manner. Therefore, between September 8 and 17, 2008, subsurface piping was installed to connect the discharge of the FP&T system to the EQ tank of the FSP&T system. Following redevelopment of FRW-1 thru FRW-4 and pump maintenance, the FP&T system was restarted on September 22, 2008. Following the restart of the FP&T system, the quarterly project status memoranda for the FP&T system were discontinued and the operation and maintenance data for the FP&T system were incorporated into the monthly status memoranda for the FSP&T system.

Since the restart of the FP&T system, vinyl chloride (VC), one of the daughter products of PCE that was prevalent prior to the restart of the FP&T system, has not been detected in groundwater samples from the FDSA. All other contaminant concentrations are fluctuating within historic ranges. The O&M of the FP&T system has been incorporated into the weekly and monthly FSP&T system O&M and will continue to be discussed in the 2010 monthly status reports. Tables 12, 13, 14 and 15 and Graphs 6, 7, 8 and 9 show VOC concentrations in FRW-1 through 4, respectively.

Table 1 presents average groundwater quality parameters measured in the field at the FP&T recovery wells during 2009. The table includes pH, temperature, turbidity, dissolved oxygen (DO), conductivity, and oxidation reduction potential (ORP). A calibrated Horiba U-22 water quality meter was used for all the measurements in 2009. The pH of the groundwater measured at the FDSA recovery wells ranged from 6.01 (FRW-3) to 6.13 (FRW-1). The DO and ORP values in the groundwater at the recovery wells indicate that aerobic conditions are present.

A. Operation and Maintenance (O&M) Activities

A summary of the major O&M activities for the year is presented below:

- Replaced damaged or malfunctioning flow meter parts and flow meter transmitters at FRW-2;

- Evacuated sediment from the empty FP&T system carbon vessels and holding tank (February and August 2009);

- Installed new piping in the FP&T system to bypass the empty carbon vessel in order to improve flow to the FSP&T system (October 2009);

- Replaced the damaged main power wiring and fuses in the FP&T system;

- Replaced the malfunctioning pump and motor in FRW-3;

- Completed four maintenance events to remove encrustation from the below-grade piping between the FP&T and FSP&T systems;

- Conducted routine O&M activities including replacing bag filters, recovery well sampling, inspecting and cleaning flow meters, and troubleshooting/resetting alarms;

- Redevelop the FP&T recovery wells (FRW-1, 2, 3 and 4) in February and August 2009; and

- Installed new pressure transducers in FRW-1;

IV. HAZARDOUS WASTE

Hazardous waste generated at the Site in 2009 includes the following items, along with their associated weights or volumes.

- Used bag filters and excess sediment – 4,000 pounds
- Wastewater generated by cleaning pipes – 8,315 gallons

All hazardous waste was shipped offsite to licensed disposal facilities using standard hazardous waste manifest procedures. Hazardous Waste Manifests for waste generated in 2009 are included as Appendix F.

V. CONCLUSIONS AND RECOMMENDATIONS

The following conclusions and recommendations are based on the performance of the FSP&T system and FP&T system in 2009.

A. FSP&T System

1. The Recommended State Pollution Discharge Elimination System (SPDES) discharge criteria for volatile organic compounds (VOCs) were not exceeded in any discharge samples in 2009.

2. Concentrations of tetrachlorethylene (PCE) and trichloroethylene (TCE) in the plume of impacted groundwater in the upper Glacial Aquifer have gradually decreased during 2009. The highest downgradient plume concentration for PCE is in the vicinity of RW-6 and RW-7. PCE concentrations in the groundwater at RW-4, which started a downward trend in 2005, have continued to decrease in 2009. With the exception of the month of May, the PCE concentrations in the groundwater at RW-4 were below the Applicable or Relevant and Appropriate Requirement (ARAR).

3. Concentrations of PCE, TCE and TCA were below the ARARs (5 ug/l) and below the laboratory reporting limits of 1 µg/l in the groundwater samples from RW-1 from the start of FSP&T system operation in December 2002 to July 2005, at which time normal operation of the well was ended. The quality of the groundwater samples collected from RW-1 in March and September 2009 continues to meet the ARARs; the concentrations of PCE, TCE and TCA being below laboratory reporting limits. Therefore, this recovery well will be left off. Semi-annual sampling of the water quality in this well is scheduled for 2010.

4. Groundwater elevation contour maps, from which the capture zones of the recovery wells are defined, provide evidence that the plume is being captured by the recovery wells with the exception of the COCs in monitor well MW-49B near RW-9. LBGES developed groundwater elevation contour maps from water levels measured in March and September 2009. LBGES plans to continue semi-annual monitoring of the water levels at recovery wells and select monitor wells. Possible reasons why water quality has improved with time in MW-49 may be natural attenuation and indirect influence of operation of RW-9. In order to determine if spot/pulse evacuation of groundwater from MW-49B could reduce the PCE concentrations in this location, approximately 800 gallons of groundwater was evacuated with the use of a vacuum truck. Groundwater samples collected following the evacuation indicated a slight decrease in the concentration of PCE.

5. Water levels at Crooked Pond, Lily Pond, Round Pond and Ligonee Brook were not impacted by the operation of the FSP&T System. Water levels at these locations were measured in March and September 2009. Groundwater levels in the piezometers will continue to be measured during semi-annual groundwater monitoring events.

6. Historically, Sag Harbor Cove salinity and temperature were not impacted by the operation of the FSP&T system. Based on conclusions from data collected from 2001 through 2007, coupled with similar conclusions from previous years, and independent reviews by Interscience Research Group, LBGES discontinued cove monitoring in 2008.

7. The maximum allowable vapor emissions from this system, of 0.022 lbs/hr were not exceeded in 2009. Vapor emissions, averaging 0.00011 lbs/hr, remain well below the maximum allowable vapor emissions limit. LBGES will continue to analyze vapor samples on a monthly basis.

8. Airflow through the air-stripper tower in 2009 ranged from approximately 1,548 scfm to 3,404 scfm and was adequate to treat the water by stripping the COCs from the influent water. Air flow will continue to be monitored using a calibrated hand-held air flow meter and the reason for the decline in air flow will be evaluated in 2010; with corrective actions to be taken as necessary.

9. Recovery well rehabilitation to improve well performance was completed in April and May 2009 for recovery wells RW-2, 4, 8 and 9. The well rehabilitation efforts continue to be effective in the wells where biofouling and iron encrustation, due to high iron concentrations in the groundwater, was the primary cause of reduced yield (RW-2, 4, 8 and 9). This finding was based on an increase in specific capacity, an increase in the pumping rate, or a reduction in the percent motor speed for a given flow setting. For additional information regarding the 2009 well rehabilitation results, refer to Appendix A.

10. All operating recovery wells will be evaluated in 2010 to determine what level of well rehabilitation is needed at that time. Well rehabilitation (with the use of Unicid^{TM}) is currently projected for RW-2, 4, 8 and 9 and redevelopment (physical redevelopment only) for RW-3, 5, 6 and 7 in 2010.

11. Following well rehabilitation activities, biofouling and iron encrustation was removed from the sump of the air-stripper tower in May 2009 and taken from the property for disposal as hazardous waste. The accumulation of biofouling and iron encrustation is caused by normal system operation. No significant build-up of biofouling or iron encrustation was observed in the packing material during 2009. The pattern of biofouling and iron encrustation accumulation in the treatment system suggests that the iron bacteria in the treated water continue to pass through the packing of the tower. The air-stripper tower packing material and the tower sump will be inspected periodically for biofouling and iron encrustation and, backwashed and/or cleaned as needed.

12. Biofouling and iron encrustation was removed from the bag filter housing, transfer tank and equalization tank in May 2009. The biofouling and iron encrustation from these tanks was removed and disposed of as hazardous waste following well rehabilitation activities. The accumulation of biofouling and iron encrustation is caused by normal system operation.

13. In November 2009, the bottom of the recharge basin was weeded and rototilled to remove vegetation and improve the recharge capacity.

14. An update of the groundwater model will be completed during 2010. Using the updated groundwater model, different combinations of operating recovery wells will be evaluated and then field tested to determine the optimum configuration for operating the recovery wells to effectively capture the remaining areas of the plume.

15. Active groundwater remediation of the plume is projected to continue with the existing FSP&T and FP&T systems for 2010.

16. A total of 218.6 lbs of VOCs has been recovered by the FSP&T and FP&T system since startup in December 2002. The recovered mass of VOCs exceeds the initial general estimate for total dissolved-phase VOCs provided by the original groundwater model (183 lbs), which suggests that some of the COC mass that was recovered (and continues to be recovered) is being desorbed from the soil to the groundwater. An exponentially decreasing rate of VOC recovery (based on COC desorption rates) is anticipated with continued operation of the FSP&T system.

17. Historically the FSP&T system has operated on average, 60 to 70% of the time during a calendar year. While shut-downs for maintenance of the system can not be changed, the period the system remains off following power failure and communication alarms can be decreased. In 2008, LBGES hired local staff to respond to these types of alarms in an effort to increase the operational time of the FSP&T system. During 2009, the FSP&T system operated an average of 76% of the

time during the months of January and April through December. The months of February and March were omitted because the FSP&T system only operated an average of 27% and 29%, respectively, due to downtime caused by a malfunction of the control computer for the FSP&T system, followed by additional downtime due to problems incurred during the installation of a new effluent flow meter of the FSP&T system.

B. FP&T System

18. The FP&T system was connected to the FSP&T system in 2008 and the four focus recovery wells were restarted on September 22, 2008. Active groundwater remediation of the FDSA is projected to continue with the existing FSP&T system for 2010. In the event contaminated water migrates from the FDSA, it will be captured by the FSP&T system onsite recovery wells.

19. Concentrations of PCE, TCE, cis 1,2-dichloroethene (12DCE) and vinyl chloride (VC) in the groundwater samples from focus recovery well (FRW-1) one and FRW-4 have gradually decreased during 2009. The concentrations in FRW-2 and FRW-3 varied throughout the year. The highest PCE concentrations were detected in groundwater samples from FRW-3 during July 2009.

20. Concentrations of TCE and 12DCE were below the ARARs (5ug/l) and VC was below the New York State Department of Environmental Conservation (NYDEC) ambient water quality standard (1 ug/l) in groundwater samples from FRW-2 and FRW-4 during 2009. The concentration of 12DCE was below the ARAR in groundwater samples from FRW-1 from July thru December 2009.

21. Recovery well maintenance to improve well performance was completed in February and August 2009 for recovery wells FRW-1 thru FRW-4. The maintenance events consisted of evacuating accumulated sediment from the recovery well sumps and cleaning and inspection of the pumps. All recovery wells will be routinely evaluated in 2010 and maintenance will be scheduled as needed.

22. Following recovery well maintenance activities, sediment was evacuated from the empty FP&T system carbon vessels and holding tank. The below-grade piping connecting the FP&T and FSP&T systems was cleaned four times during 2009. Flow from the FP&T system to the FSP&T system will be monitored during 2010 and maintenance will be scheduled as needed.

TABLES

TABLE 1

2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

AVERAGE FIELD PARAMETERS FOR WATER SAMPLES FROM RECOVERY WELLS FOR 2009

FSP&T Recovery Well	Average pH	Average Temperature (degrees C)	Average Turbidity (NTU)	Average Dissolved Oxygen (mg/L)	Average Conductivity (mS/cm)	Average Oxidation-Reduction Potential (ORP) (mV)
RW-2	5.55	15.5	51.2	5.7	0.32	162
RW-3	5.69	14.2	36.7	6.3	0.23	155
RW-4	5.73	13.6	86.5	6.6	0.27	105
RW-5	5.63	12.9	36.8	8.2	0.27	203
RW-6	5.69	25.4	33.2	6.8	0.24	210
RW-7	5.77	13.2	41.9	6.8	0.17	214
RW-8	5.83	13.1	167.9	5.8	0.17	155
RW-9	5.74	13.4	66.9	6.4	0.19	177
FDSA Recovery Well	**pH**	**Temperature (degrees C)**	**Turbidity (NTU)**	**Dissolved Oxygen (mg/L)**	**Conductivity (mS/cm)**	**Oxidation-Reduction Potential (ORP) (mV)**
FRW-1	6.13	15.2	43.0	7.5	0.18	142
FRW-2	6.05	15.3	46.5	6.5	0.19	120
FRW-3	6.01	14.8	49.0	6.8	3.07	101
FRW-4	6.05	14.8	26.7	5.3	0.18	90

NOTES: 1) Values shown are averages of values measured monthly during 2009.

TABLE 2

2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

2008 and 2009 Total Volume Pumped and Average Flow Rate of Groundwater from Recovery Wells

Recovery Well	Total Volume Pumped (gal)		Average Flow Rate (gpm)	
	2008	2009	2008	2009
RW-2	10,364,518	8,405,812	27	27
RW-3	6,031,027	9,940,547	32	30
RW-4	10,565,471	10,933,672	30	38
RW-5	20,995,798	16,631,957	50	50
RW-6	5,894,571	4,893,780	15	15
RW-7	28,144,644	26,725,432	70	83
RW-8	20,228,141	13,852,768	52	44
RW-9	31,378,847	23,814,879	77	78
Total	151,738,479	126,743,521	--	--
FSP&T*	96%	97%	* Percent of total volume pumped	
FP&T*	4%	3%		

Note: The FP&T system was connected to the FSP&T system in October 2008, percent of total volume pumped for 2008 was calculated based on the volume pumped between October and December 2008 only.

TABLE 3

2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

RW-6 Average Drawdown and Pumping Data for 2009

Date	Average Monthly Pumping Rate for RW-6 (gpm)	Average Monthly Drawdown (ft) [1/]
Jan-09	15	29.44
Feb-09	15	29.28
Mar-09	15	29.10
Apr-09	15	30.74
May-09	15	31.86
Jun-09	15	30.31
Jul-09	15	28.61
Aug-09	15	31.51
Sep-09	15	32.01
Oct-09	15	32.82
Nov-09	15	33.74
Dec-09	15	32.43

Notes: 1. Drawdown numbers are computed and downloaded every hour to the main computer based on pressure tranducer readings and the most recent static depth-to-water measurement for the well.

TABLE 4

2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

2008 AND 2009 RECOVERY WELL WATER QUALITY RESULTS - FSP&T SYSTEM

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Vinyl Acetate (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Bromoform (ug/L)	Dibromochl-oromethane (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)	Ethyl-benzene (ug/L)	Acetone (ug/L)
	ARAR's	5	5	5	NE	7	NE	300	300	5	5	5	5	NE	NE	NE	5	5	NE	NE
RW-1	15-Sep-04	ND<1	ND<1	ND<1	ND<1	2.8	ND<1	0.0865	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	2.5	ND<1	ND<2	ND<1	ND<1	ND<1
	7-Oct-04	ND<1	ND<1	ND<1	ND<1	ND<1	2.2	0.0332	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	3-Nov-04	ND<1	ND<1	ND<1	ND<1	1.9	2.0	0.0133	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	15-Dec-04	ND<1	ND<1	ND<1	ND<1	**9.8**	ND<1	0.0475	0.0229	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	13-Jan-05	ND<1	ND<1	ND<1	ND<1	1.5	2.1	0.0703	0.0326	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	8-Feb-05	ND<1	ND<1	ND<1	ND<1	4.6	ND<1	ND<0.02	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	15-Mar-05	ND<1	ND<1	ND<1	ND<1	2.5	ND<1	0.0285	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	19-Apr-05	ND<1	ND<1	ND<1	ND<1	1.5	ND<1	0.0357	0.0217	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	2-May-05	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.02	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Jun-05	ND<1	ND<1	ND<1	ND<1	4.0	ND<1	ND<0.02	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	14-Jul-05	ND<1	ND<1	ND<1	ND<1	2.1	ND<1	0.0289	ND<0.02	ND<1	ND<1	ND<1	**8.4***	ND<1	ND<1	ND<1	3.3	1.3	1.0	6.9*
	7-Mar-06	ND<1	ND<1	ND<1	ND<1	5.2	ND<1	0.1650	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	19-Sep-06	ND<1	ND<1	ND<1	ND<1	1.7	ND<1	NA	NA	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	7-Mar-07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	NA	NA	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	3-Oct-07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	NA	NA	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	13-Mar-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	NA	NA	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Sep-08	ND<1	ND<1	ND<1	ND<1	1.1	ND<1	NA	NA	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	19-Mar-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	NA	NA	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Sep-09	ND<1	ND<1	ND<1	ND<1	1.0	ND<1	NA	NA	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
RW-2	16-Jan-08	2.0	ND<1	**5.9**	ND<1	ND<1	ND<1	3.09	0.185	0.6	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	13-Feb-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10-Mar-08	1.9	ND<1	**5.6**	ND<1	ND<1	ND<1	2.74	0.0592	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Apr-08	1.6	ND<1	4.1	ND<1	ND<1	ND<1	2.83	0.252	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	27-May-08	1.8	ND<1	2.9	ND<1	ND<1	ND<1	3.00	0.838	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Jun-08	ND<1	ND<1	1.8	ND<1	ND<1	ND<1	2.65	0.143	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	30-Jul-08	1.4	ND<1	1.5	ND<1	ND<1	ND<1	2.47	0.318	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	12-Aug-08	2.5	ND<1	1.3	ND<1	ND<1	ND<1	4.40	0.0279	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Sep-08	3.4	ND<1	2.4	ND<1	ND<1	ND<1	2.41	0.152	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	23-Oct-08	**8.5**	ND<1	**5.0**	ND<1	ND<1	ND<1	6.98	0.152	ND<1	1.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	20-Nov-08	**8.4**	ND<1	ND<1	ND<1	ND<1	ND<1	2.05	0.028	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Dec-08	**5.8**	ND<1	3.6	ND<1	ND<1	ND<1	0.92	0.143	ND<1	1.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	20-Jan-09	**6.0**	0.88	2.3	ND<1	ND<1	ND<1	4.93	0.649	ND<1	1.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	Feb-09 [1/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Mar-09	4.0	ND<1	1.9	ND<1	ND<1	ND<1	3.67	0.915	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	28-Apr-09	1.6	ND<1	3.2	ND<1	ND<1	ND<1	2.66	0.207	1.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	27-May-09	ND<1	3.0	ND<1	ND<1	ND<1	ND<1	2.07	0.044	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Jun-09	1.7	1.1	1.8	ND<1	ND<1	ND<1	2.33	0.385	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	28-Jul-09	2.0	ND<1	1.5	ND<1	ND<1	ND<1	3.58	0.031	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	19-Aug-09	1.3	ND<1	1.8	ND<1	ND<1	ND<1	2.37	0.058	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Sep-09	1.8	ND<1	ND<1	ND<1	ND<1	ND<1	1.48	0.654	ND<1	ND<1	ND<1	ND<1	ND<1	0.82	1.20	ND<2	ND<1	ND<1	ND<1
	20-Oct-09 [3/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	17-Nov-09	1.4	ND<1	0.87 J	ND<1	ND<1	ND<1	2.37	0.027	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	29-Dec-09 [4/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

2008 AND 2009 RECOVERY WELL WATER QUALITY RESULTS - FSP&T SYSTEM

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Vinyl Acetate (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Bromoform (ug/L)	Dibromochl-oromethane (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)	Ethyl-benzene (ug/L)	Acetone (ug/L)
	ARAR's	5	5	5	NE	7	NE	300	300	5	5	5	5	NE	NE	NE	5	5	NE	NE
RW-3	16-Jan-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	3.73	0.229	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	13-Feb-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	1.88	1.09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	10-Mar-08	ND<1	2.2	0.80 J	ND<1	ND<1	ND<1	2.23	2.08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Apr-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	4.27	1.94	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	27-May-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2.08	1.61	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Jun-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	1.87	1.56	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	30-Jul-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	1.92	1.63	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	12-Aug-08	ND<1	3.7	1.1	ND<1	ND<1	ND<1	2.17	0.152	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Sep-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2.60	0.157	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	23-Oct-08	ND<1	2.5	ND<1	ND<1	ND<1	ND<1	1.94	1.03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	20-Nov-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	1.98	0.035	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Dec-08	ND<1	1.3	ND<1	ND<1	ND<1	ND<1	2.18	1.39	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	20-Jan-09	ND<1	1.1	ND<1	ND<1	ND<1	ND<1	2.23	2.01	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	Feb-09 [1/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Mar-09	ND<1	2.5	1.3	ND<1	ND<1	ND<1	2.92	1.54	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	28-Apr-09	ND<1	2.3	0.76 J	ND<1	ND<1	ND<1	2.36	0.024	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	27-May-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2.56	0.050	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Jun-09	ND<1	2.7	1.0	ND<1	ND<1	ND<1	2.26	0.783	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	28-Jul-09	ND<1	2.0	ND<1	ND<1	ND<1	ND<1	2.28	0.253	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	19-Aug-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2.54	0.073	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Sep-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2.60	1.330	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	20-Oct-09	ND<1	1.0	ND<1	ND<1	ND<1	ND<1	2.43	0.176	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Nov-09	ND<1	1.4	ND<1	ND<1	ND<1	ND<1	2.22	0.065	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	29-Dec-09 [4/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
RW-4	16-Jan-08	**7.9**	ND<1	4.2	ND<1	ND<1	ND<1	4.67	0.954	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	13-Feb-08	2.1	ND<1	ND<1	ND<1	ND<1	ND<1	8.28	0.371	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	10-Mar-08	**6.5**	0.57 J	3.0	ND<1	ND<1	ND<1	4.96	1.94	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Apr-08	**6.1**	ND<1	2.6	ND<1	ND<1	ND<1	5.86	0.96	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	27-May-08	**9.9**	1.3	ND<1	ND<1	ND<1	ND<1	6.13	4.14	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Jun-08	**13**	ND<1	ND<1	ND<1	ND<1	ND<1	6.47	3.85	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	30-Jul-08	4.6	ND<1	3.0	ND<1	ND<1	ND<1	5.73	0.215	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	12-Aug-08	4.7	ND<1	3.5	ND<1	ND<1	ND<1	4.89	1.37	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Sep-08	3.8	ND<1	**6.0**	ND<1	ND<1	ND<1	5.28	1.72	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	23-Oct-08	3.9	ND<1	**8.6**	ND<1	ND<1	ND<1	4.53	1.66	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	20-Nov-08	3.0	ND<1	ND<1	ND<1	ND<1	ND<1	4.67	0.019	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Dec-08	3.8	ND<1	**6.2**	ND<1	ND<1	ND<1	4.91	2.25	1.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	20-Jan-09	3.0	ND<1	3.4	ND<1	ND<1	ND<1	7.83	1.39	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	Feb-09 [1/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Mar-09	3.3	ND<1	ND<1	ND<1	ND<1	ND<1	3.69	0.091	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<2	ND<1	ND<1	ND<1
	28-Apr-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	27-May-09	**5.8**	1.8	1.2	ND<1	ND<1	ND<1	3.60	1.59	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Jun-09	2.1	1.2	3.8	ND<1	ND<1	ND<1	5.14	2.82	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	28-Jul-09	2.3	ND<1	**6.0**	ND<1	ND<1	ND<1	4.79	1.88	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	19-Aug-09	2.8	ND<1	**8.1**	ND<1	ND<1	ND<1	8.01	0.37	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Sep-09	4.5	ND<1	ND<1	ND<1	ND<1	ND<1	3.56	1.95	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	1.9	ND<2	ND<1	ND<1	ND<1
	20-Oct-09	2.3	ND<1	**7.3**	ND<1	ND<1	ND<1	4.86	0.07	1.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-11-09 [3/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	29-Dec-09 [4/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

2008 AND 2009 RECOVERY WELL WATER QUALITY RESULTS - FSP&T SYSTEM

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Vinyl Acetate (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Bromoform (ug/L)	Dibromochl-oromethane (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)	Ethyl-benzene (ug/L)	Acetone (ug/L)
	ARAR's	5	5	5	NE	7	NE	300	300	5	5	5	5	NE	NE	NE	5	5	NE	NE
RW-5	16-Jan-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	0.0732	0.0441	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	13-Feb-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	0.3680	0.0121	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	10-Mar-08	ND<1	ND<1	ND<1	ND<1	0.67 J	ND<1	0.0491	0.0236	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Apr-08	ND<1	ND<1	3.1	ND<1	ND<1	ND<1	0.1090	0.0735	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	27-May-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	0.0522	0.0113	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Jun-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	0.0404	0.0259	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	30-Jul-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	0.267	0.0229	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	12-Aug-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	0.450	0.0187	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Sep-08	ND<1	ND<1	2.6	ND<1	ND<1	ND<1	0.0361	0.0226	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	23-Oct-08	ND<1	ND<1	3.3	ND<1	ND<1	ND<1	0.0639	0.0368	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	20-Nov-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	0.0674	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Dec-08	ND<1	ND<1	3.4	ND<1	ND<1	ND<1	0.0812	0.0106	ND<1	ND<1	ND<1	**13***	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	20-Jan-09	ND<1	ND<1	2.4	ND<1	ND<1	ND<1	0.0247	0.0100	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	Feb-09 [1/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Mar-09	ND<1	ND<1	2.0	ND<1	ND<1	ND<1	0.470	0.0176	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	28-Apr-09	ND<1	ND<1	1.0	ND<1	ND<1	ND<1	0.03	0.0142	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	27-May-09	ND<1	2.6	ND<1	ND<1	ND<1	ND<1	0.173	0.0132	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Jun-09	ND<1	ND<1	1.3	ND<1	0.83 J	ND<1	0.106	0.0181	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	28-Jul-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	0.147	0.1010	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	19-Aug-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	0.045	0.0168	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Sep-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	0.029	0.0127	ND<1	ND<1	ND<1	ND<1	ND<1	2.8	1.8	ND<2	ND<1	ND<1	ND<1
	20-Oct-09	ND<1	ND<1	1.8	ND<1	0.98 J	ND<1	0.036	0.0092	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Nov-09	ND<1	ND<1	1.8	ND<1	0.80 J	ND<1	0.048	0.0103	0.71 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	29-Dec-09 [4/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
RW-6	16-Jan-08	**22**	ND<1	**6.9**	ND<1	ND<1	ND<1	0.0815	0.0453	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	13-Feb-08	**19**	ND<1	**6.4**	ND<1	ND<1	ND<1	0.1710	0.0188	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	10-Mar-08	**19**	ND<1	**6.1**	ND<1	ND<1	ND<1	0.1520	0.0282	0.61 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Apr-08	**17**	ND<1	**5.2**	ND<1	ND<1	ND<1	1.3200	0.0465	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	27-May-08	**17**	ND<1	**6.5**	ND<1	ND<1	ND<1	0.1240	0.0646	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Jun-08	**16**	ND<1	**7.7**	ND<1	ND<1	ND<1	0.1090	0.0331	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	30-Jul-08	**15**	ND<1	**8.3**	ND<1	ND<1	ND<1	0.1020	0.0320	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	12-Aug-08	**16**	ND<1	**9.0**	ND<1	ND<1	ND<1	0.1570	0.0143	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Sep-08	**13**	ND<1	**6.5**	ND<1	ND<1	ND<1	0.1370	0.0286	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	23-Oct-08	**14**	ND<1	**7.9**	ND<1	ND<1	ND<1	0.0440	0.0190	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	20-Nov-08	**8.8**	ND<1	**5.0**	ND<1	ND<1	ND<1	0.0858	0.0264	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Dec-08	**14**	ND<1	**7.6**	ND<1	ND<1	ND<1	0.0129	ND<0.005	1.3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	20-Jan-09	**12**	ND<1	**5.5**	ND<1	ND<1	ND<1	0.2170	0.0178	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	Feb-09 [1/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Mar-09	**10**	ND<1	**6.5**	ND<1	ND<1	ND<1	1.03	0.0189	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	28-Apr-09	**13**	ND<1	**8.1**	ND<1	ND<1	ND<1	0.0423	0.0114	2.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	27-May-09	**13**	ND<1	**7.7**	ND<1	ND<1	ND<1	NS	NS	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Jun-09	**8.7**	2.7	4.2	ND<1	ND<1	0.82	0.2000	0.0360	1.3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	28-Jul-09	**8.9**	ND<1	4.8	ND<1	ND<1	ND<1	0.0613	0.0457	0.93 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	19-Aug-09	**9.9**	ND<1	**5.4**	ND<1	ND<1	ND<1	0.0690	0.0319	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Sep-09	**11**	ND<1	4.1	ND<1	ND<1	ND<1	0.0956	0.0308	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	0.99 J	ND<2	ND<1	ND<1	ND<1
	20-Oct-09	**12**	ND<1	4.5	ND<1	ND<1	ND<1	0.0415	0.0244	2.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Nov-09	**8.3**	ND<1	**5.1**	ND<1	ND<1	ND<1	0.0696	0.0341	1.4	ND<1	ND<1	ND<1	ND<1	0.56 J	ND<1	ND<2	ND<1	ND<1	ND<1
	29-Dec-09 [4/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

2008 AND 2009 RECOVERY WELL WATER QUALITY RESULTS - FSP&T SYSTEM

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Vinyl Acetate (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Bromoform (ug/L)	Dibromochl-oromethane (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)	Ethyl-benzene (ug/L)	Acetone (ug/L)
	ARAR's	**5**	**5**	**5**	**NE**	**7**	**NE**	**300**	**300**	**5**	**5**	**5**	**5**	**NE**	**NE**	**NE**	**5**	**5**	**NE**	**NE**
RW-7	16-Jan-08	**8.4**	ND<1	0.73 J	ND<1	ND<1	ND<1	0.125	0.0499	0.82 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	13-Feb-08	**11**	ND<1	ND<1	ND<1	ND<1	ND<1	0.098	0.0381	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	10-Mar-08	**11**	ND<1	1.1	ND<1	ND<1	ND<1	0.079	0.0488	0.97 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Apr-08	**11**	ND<1	ND<1	ND<1	ND<1	ND<1	0.488	0.0711	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	27-May-08	**10**	ND<1	1.2	ND<1	ND<1	ND<1	0.127	0.0399	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Jun-08	**11**	ND<1	ND<1	ND<1	ND<1	ND<1	0.058	0.0302	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	30-Jul-08	**10**	ND<1	1.2	ND<1	ND<1	ND<1	0.073	0.0379	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	12-Aug-08	**11**	ND<1	1.5	ND<1	ND<1	ND<1	0.029	0.0079	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Sep-08	**5.4**	ND<1	ND<1	ND<1	ND<1	ND<1	0.098	0.0331	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	23-Oct-08	**5.4**	ND<1	1.2	ND<1	ND<1	ND<1	0.039	0.0211	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	20-Nov-08	**6.0**	ND<1	ND<1	ND<1	ND<1	ND<1	0.040	0.0082	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Dec-08	4.6	ND<1	ND<1	ND<1	ND<1	ND<1	5.91	0.0519	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	20-Jan-09	**6.3**	ND<1	0.8 J	ND<1	ND<1	ND<1	0.038	0.0275	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	Feb-09 [1/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Mar-09	**5.5**	ND<1	ND<1	ND<1	ND<1	ND<1	0.234	0.0277	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	28-Apr-09	**5.1**	ND<1	0.68 J	ND<1	ND<1	ND<1	0.051	0.0221	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	27-May-09 [2/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Jun-09	3.2	ND<1	0.64 J	ND<1	ND<1	ND<1	0.148	0.0634	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	28-Jul-09	**6.1**	ND<1	ND<1	ND<1	ND<1	ND<1	0.096	0.0665	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	19-Aug-09	4.1	ND<1	ND<1	ND<1	ND<1	ND<1	0.162	0.0730	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Sep-09	**9.5**	ND<1	ND<1	ND<1	ND<1	ND<1	0.084	0.0785	1.0	ND<1	ND<1	ND<1	ND<1	3.1	2.2	ND<2	ND<1	ND<1	ND<1
	20-Oct-09	**5.2**	ND<1	ND<1	ND<1	ND<1	ND<1	0.097	0.0809	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Nov-09	3.8	ND<1	0.94 J	ND<1	ND<1	ND<1	0.393	0.0331	0.67 J	ND<1	ND<1	ND<1	ND<1	1.2	0.54 J	ND<2	ND<1	ND<1	ND<1
	29-Dec-09 [4/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
RW-8	16-Jan-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	7.19	1.00	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	13-Feb-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	7.14	0.077	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	10-Mar-08	ND<1	ND<1	1.2	ND<1	ND<1	ND<1	6.08	1.81	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Apr-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	10.20	0.08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	27-May-08	1.4	ND<1	1.1	ND<1	ND<1	ND<1	5.26	2.24	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Jun-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	6.73	1.16	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	30-Jul-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	8.44	0.077	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	12-Aug-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	7.92	0.631	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Sep-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	6.52	1.11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	23-Oct-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	6.48	1.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	20-Nov-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	6.21	0.428	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Dec-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2.02	0.053	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	20-Jan-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	6.19	2.610	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	Feb-09 [1/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Mar-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	8.88	3.88	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	28-Apr-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	6.48	0.960	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	27-May-09 [2/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Jun-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	6.82	3.74	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	28-Jul-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	7.44	2.88	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	19-Aug-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	11.40	0.11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Sep-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	8.02	5.52	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	20-Oct-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	10.00	0.04	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Nov-09	ND<1	ND<1	ND<1	ND<1	ND<1	0.6 J	11.90	0.15	ND<1	ND<1	ND<1	**6.6***	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	29-Dec-09 [4/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

2008 AND 2009 RECOVERY WELL WATER QUALITY RESULTS - FSP&T SYSTEM

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Vinyl Acetate (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Bromoform (ug/L)	Dibromochl-oromethane (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)	Ethyl-benzene (ug/L)	Acetone (ug/L)
	ARAR's	5	5	5	NE	7	NE	300	300	5	5	5	5	NE	NE	NE	5	5	NE	NE
RW-9	16-Jan-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	3.85	1.46	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	13-Feb-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2.94	0.176	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	10-Mar-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2.01	0.363	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Apr-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	3.99	1.330	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	27-May-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	9.68	0.579	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	1-Jul-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	3.49	0.770	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	30-Jul-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2.14	0.152	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	12-Aug-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	1.57	0.067	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Sep-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	4.12	0.639	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	23-Oct-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	3.18	1.460	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	20-Nov-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	1.83	0.033	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Dec-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2.97	1.45	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	20-Jan-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	3.28	1.77	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	Feb-09 [1/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Mar-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2.31	1.44	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	28-Apr-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2.69	1.42	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	27-May-09 [2/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Jun-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2.30	1.28	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	28-Jul-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	3.19	1.77	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	19-Aug-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	1.08	0.04	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	16-Sep-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	0.70	0.13	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	1.2	ND<2	ND<1	ND<1	ND<1
	20-Oct-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2.98	0.34	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
	17-Nov-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2.88	0.82	ND<1	ND<1	ND<1	ND<1	ND<1	0.75 J	0.84 J	ND<2	ND<1	ND<1	ND<1
	29-Dec-09 [4/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

ND: Not detected
<#: Less than method detection lim
ug/L: Micrograms per liter
-: Not analyzed
PCE: Tetrachloroethylene
TCE: Trichloroethene
TCA: 1,1,1-Trichloroethane
1,1-DCA: 1,1-Dichlorothane
1,1-DCE: 1,1-Dichloroethene
1,2-DCE: 1,2-Dichloroethene
MTBE: Methyl Tertiary Butyl Ether
NS: Not Sampled

NE indicates that the ARAR goal was not established for this compound by the EPA.
*Concentrations with an asterisk following them are due to laboratory contamination.

J: Analyte detected below quantitation limits, value shown is a laboratory estimate.

ARAR's are chemical specific aquifer restoration goals for ground water at the Former Rowe Industries Superfund Site.
Bold values indicate an exceedance of the ARAR standard established for the site.

[1/] FSP&T Recovery system was not operating after February 8, 2009 due to a system computer malfunction, thus the recovery wells were not sampled during February 2009.

[2/] The FSP&T Recovery system shut down while the recovery wells were being sampled. Immediate troubleshooting did not diagnose the problem, therefore RW-7, 8 and 9 could not be sampled.

[3/] RW-2 was not sampled because the RW-2 pump was not operable at the time of the sampling event.

[4/] The FSP&T Recovery system was not operational during the scheduled sampling event, thus the recovery wells were not sampled during December 2009.

TABLE 5

2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF PCE DETECTED IN GROUNDWATER FROM MONITOR AND RECOVERY WELLS, ug/l

Monitor or Recovery Wells	Sample Dates																																							
	May-84	Aug-84	Sep-84	Jan-89	Nov-89	Feb-90	Jul-91	Aug-91	Oct-91	Nov-91	Nov-95	May-96	Jun-96	May-98	Mar-99	Sep-99	Jun-00	2-Jul	7/02 DUP	7/02 DBS **	9/02***	Mar-03	Sep-03	Mar-04	Jul-04	Sep-04	Jan-05	Mar-05	May-05	Jun-05	Aug-05	Sep-05	Dec-05	Mar-06	Sep-06	Mar-07	Oct-07	Mar-08	Sep-08	Mar-09	Sep-09
MW 98-1A														ND		ND	58						ND	ND		4.4	9.4									ND	11	9.5	38	1.5	1.1
MW 98-1B														580		ND	<0.4						ND																		
MW 98-2A														490			1.3																								
MW 98-2B														ND			<0.4																								
MW 98-3														14,000		ND	2.2	ND		ND		ND	ND																		
MW 98-4														2,400		ND	110	ND		ND		ND	23			ND		28	4.9	1.7	ND	ND	45	7.0	ND	ND	ND	18	20	ND	7.6
MW 98-5A														9,600		9,200	130	110		80		670	600	260		79	760											1.4	190	200	9.2
MW-98-5A-MS																		100	110	ND																				
MW 98-5B														7		ND		1		ND		ND	ND	ND												66	78	66		ND	ND
MW 98-6A														100			1.3						ND																	
MW 98-6B														0.3J			0.28J						ND																	
MW 98-7														79									ND																	
MW 98-8														24			<0.4																							
FRW-1																					300	85	110	36		18		210	150	32	24	11	670	110	310	41	380	600	6.5	120	15
FRW-2																					0.7	24	51	28		150	130	200	380	420	190	10	450	450	2.5	5.7	ND	27	72	24	20
FRW-3																					94	98	150	230		67		1500	480	720	110	63	1,000	920	480	120	1.9	62	16	270	110
FRW-4																												12	12	10	4.2	2.5	36	34	4.8	ND	4.5	2.3	18	17	5.3
MW 42-A					65	42		34			76																							ND							
MW 42-B					ND	ND		0.6J			2J																							ND	ND	ND	ND		ND	ND	ND
MW 42-C					ND	ND		ND			ND																							ND	ND	ND					
MW 43-A					28	41		140			11												ND				ND								ND	ND					
MW 43-B					45	70		4			180				110			65		56		180	110	200		ND		ND				ND		7.6	1.5	ND	ND	ND	ND	ND	ND
MW 43-C					ND	6		13			4J				1			7		6.3		ND	ND	ND				52				ND		20	ND	27	ND	ND	ND	ND	ND
MW 44-A								700		520	180							1		ND		8.7		ND				1.2				ND		ND	ND	ND	ND	ND	ND	1.1
MW 44-B								1,700		4,600	1,300							220		190		ND		ND		1.5						ND		ND	ND	ND	5.0	ND	ND	ND	ND
MW 44-C								16		2	8J							ND		ND						ND						ND		ND	ND		ND		ND		ND
MW 45-A							47			8					ND		2.2					ND		ND		1.0	32.0	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW 45-B							7			24					ND		1J					ND	34	ND		ND						ND		ND	ND	ND	ND	ND	ND	ND	ND
MW 46-A							16			6								ND		ND		14		ND		ND		ND				ND		ND	ND		ND	ND	ND	ND	ND
MW 46-B							<1			<1								ND		ND		ND				ND		ND				ND		ND	ND						ND
MW 47-A							14			22					72		19	ND		ND				3.3		21		16				1.7		2.5	ND	ND	0.81	3.5		ND	0.81
MW 47-B							0.3J			3					ND		0.4	ND		ND						ND		ND				ND		ND	ND		ND		ND		ND
MW 48-A								ND		ND					ND		0.4	ND		ND		ND	ND	ND		ND						ND		ND							
MW 48-B								ND		ND					ND		0.4	ND		ND				ND		ND		ND				ND		ND	ND		ND		ND		ND
MW 49-A							3			2	ND				ND		0.84	4		ND		ND	ND	ND		29		ND				25		2.2	ND	ND		ND	ND	NS/Dry @ 9 ft	ND
MW 49-B							370			470	320				460		250	270		300		230	150	15		ND		53				35		26	7.6	6.8	2.1	3	4.6	3.6	2.3
MW 49-C							28			29	54				ND		47	33		34		7.3		87		42		6.0				0.9		2.6	ND	ND	ND	ND	ND	ND	ND
MW 50-A							ND			ND					ND		0.4	ND		ND		ND	ND	ND		ND						ND		ND							
MW 50-B							ND			ND					ND		0.4	ND		ND		ND	ND	ND		ND						ND		ND			ND		ND		ND
MW 50-C							ND			ND					ND		0.4	ND		ND		ND	ND	ND		ND						ND		ND							
MW-51A									410	140	34					620																										
MW-52A									59	38	290															ND		ND				ND					ND		ND		ND
MW-53																																					3.2	3.0	ND	ND	ND
MW-54																																					2.0	4.6	1.2	1.2	1.5
MW-55																									ND							ND		ND	ND						ND
MW-56A																									ND			1.2				ND		ND	ND		ND		ND		ND
MW-56B																									ND	ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND
MW-56C																									ND			ND				ND		ND	ND	ND	ND	ND	ND	ND	ND
MW-57A																									ND			ND						ND	ND						ND
MW-57B																									ND			ND				ND		ND	ND		ND		ND		ND
MW-57C																										ND		ND						ND	ND		ND		ND		ND

TABLE 5

2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF PCE DETECTED IN GROUNDWATER FROM MONITOR AND RECOVERY WELLS, ug/l

Monitor or Recovery Wells	Sample Dates																																							
	May-84	Aug-84	Sep-84	Jan-89	Nov-89	Feb-90	Jul-91	Aug-91	Oct-91	Nov-91	Nov-95	May-96	Jun-96	May-98	Mar-99	Sep-99	Jun-00	2-Jul	7/02 DUP	7/02 DBS **	9/02***	Mar-03	Sep-03	Mar-04	Jul-04	Sep-04	Jan-05	Mar-05	May-05	Jun-05	Aug-05	Sep-05	Dec-05	Mar-06	Sep-06	Mar-07	Oct-07	Mar-08	Sep-08	Mar-09	Sep-09
RW 1																	< 1				ND	ND	ND	ND		ND		ND						ND	ND	ND	ND	ND	ND	ND	ND
RW 2												530			340		230				120	26	7.9	4.9		12		20				16		6.5	2.8	ND	1.4		3.4	4.0	1.8
RW 3																	80				30	2.4	2.8	1.2		2.7		3				1		1.1		ND	ND	ND	ND	ND	ND
RW 4																	4,200				590	150	210	170		120						45		22	9	7.3	9.4	6.5	3.8	3.3	4.5
RW 5																	< 1				ND	19	15	14		24		14				8		2.6	ND	ND	ND	ND	ND	ND	ND
RW 6													190		78		69				140	130	140	110		130		120				100		65	46	29	14	19	13	10	11
RW 7																					350	160	120	100		59		42				39		38	36	23	25	11	5.4	5.5	9.5
RW 8																	88				100	70	30	22				9				2.9		1.3	ND		ND	ND	ND	ND	ND
RW 9																	3				11	23	25	ND		3.7		ND				1.2		1.3	ND	ND	ND	ND	ND	ND	ND
MW 28A		2,100			3,700	2,000	2,400			5,600	1,500																													
MW-28B							0.9J			0.6J	<10				<1	<1	0.23J																									
MW 28A -NEW																									1.3	13		8.9				ND		2.7	ND	ND	ND	ND	21	ND	ND
MW 28B -NEW																									1.2			ND				ND		ND	ND	ND		ND	ND	ND	ND
N-19					<1																																			
N-20					<1																																				
N-6				100				200			200																														
N-11					<2																																				
N-33			23		80	78	6			43																															
N-36			<2		<1	<1		<1																																
N-37		<2			<1	<1	0.2J																		ND			ND				ND		ND	ND	ND	ND	ND	ND	ND	ND
N-38																									ND	1.8		1.8				ND		ND	ND	ND	ND	ND	ND	ND	ND
N-39			1,800		200	290	1,200				970												0.7	16		3.2		6.0				6.8		ND	ND	ND	ND	1.9	ND	ND	ND
N-40			3		50	25		4																																
N-16					10					5													ND	ND				ND				ND		ND	ND	ND	ND	ND	ND	ND	ND
N-17					1R																		ND	ND				ND				ND		ND	ND		ND		ND		ND
N-32			5		800	1,200	290			390																ND														ND	ND
N-24		610			2,100	2,400	2,600			1,200																															
N-25		47			110	100																																			
N-26		2,300			1,300/1,500	6,900																																			
N-27		5,900			1,200	760				2,200																															
N-1A																								ND										ND							ND
N-1B																									ND			ND				ND		ND	ND		ND		ND		ND
N-2A																								ND										ND							ND
N-2B																									ND			ND				ND		ND	ND		ND		ND		ND
N-9																							ND	ND				ND													
B1																							ND	ND		ND		ND				ND		ND	ND		ND		ND		ND
B2																							ND																		
B3																							ND	ND																	
B4																							ND	ND																	
MW-0718																		120		ND																					

* Effluent sample from focus pump and treat
** DBS – Sample collected using diffusive bag sample method
*** Collected after 4 hours of pumping during execution of Initial Testing Plan

TABLE 6

2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF TCE DETECTED IN GROUNDWATER FROM MONITOR WELLS AND RECOVERY WELLS, ug/l

Monitor Wells or Recovery Wells	May-84	Aug-84	Sep-84	Jan-89	Nov-89	Feb-90	Jul-91	Aug-91	Oct-91	Nov-91	Nov-95	May-96	Jun-96	May-98	Mar-99	Sep-99	Jun-00	Jul-00	Jul-02	7/02 DUP	7/02DBS**	9/02***	Mar-03	Sep-03	Mar-04	Jul-04	Sep-04	Jan-05	Mar-05	May-06	Jun-06	Aug-06	Sep-05	Dec-05	Mar-06	Sep-06	Mar-07	Oct-07	Mar-08	Sep-08	Mar-09	Sep-09
MW 98-1A														<5		<1		ND						ND	ND		ND	ND										ND	ND	ND	ND	ND	ND
MW 98-1B														<5		<1		ND						ND																			
MW 98-2A														<5				ND																									
MW 98-2B														<5				ND																									
MW 98-3														<5		<1		ND	ND	ND	ND		ND	ND																			
MW 98-4														3J		<1	ND		ND	ND	ND		ND	ND			ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW 98-5A														<500		5		5	ND	ND	ND		8.3	ND	1.6		ND												ND	11	1.8	1.1
MW 98-5A -MS																			49	49	ND																					
MW 98-5B														<500					ND	ND	ND		ND	ND	ND		ND											15	26	9.5		ND	ND
MW 98-6A														<5				ND						ND																			
MW 98-6B														<5				ND						ND																			
MW 98-7														<5										ND																			
MW 98-8														<5				ND																									
FRW-1																						ND	ND	ND	ND		ND		1.6	ND	ND	ND	ND	ND	ND	ND	ND	7.8	110	ND	2.4	ND
FRW-2																						ND	ND	ND	ND		14	7.4	15	6.2	12	12	ND	23	13	ND	ND	ND	10	19	ND	ND
FRW-3																						ND	ND	ND	ND		1.9		31	8.2	28	13	1.7	77	41	4.5	16	20	23	6.6	10	12
FRW-4																													ND	ND	ND	ND	ND	ND	2.4	ND	ND	ND	0.99J	ND	ND	ND
MW 42-A					54	38	50				20																								ND							
MW 42-B					0.8J	<1	0.5J				<10																								ND	ND	ND	ND		ND	ND	ND
MW 42-C					<1	<1	0.6J				<10																								ND	ND	ND					
MW 43-A					5	8	13/6				<10													ND					ND							ND	ND					
MW 43-B					11	15	0.6J				8J					2			ND	ND	ND		1.8	1/ND	ND		ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND
MW 43-C					1	1	2				<10					<1			ND	ND	ND		ND	ND	ND				ND				ND		ND	ND	ND	ND	ND	ND	ND	ND
MW 44-A								26		13	<10								ND	ND	ND		ND		ND				ND				ND		ND	ND	ND	ND	ND	ND	ND	ND
MW 44-B								91		57J	<100								ND	ND	ND		ND		ND		ND						ND		ND	ND	ND	ND	ND	ND	ND	ND
MW 44-C								0.4J		<1	<10								ND	ND	ND						ND						ND		ND	ND	ND	ND		ND		ND
MW 45-A							<5			<1					<1		ND						ND		ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW 45-B							<1			0.3J					<1		ND						ND	ND	ND		ND						ND		ND	ND	ND	ND	ND	ND	ND	ND
MW-46A							7			18									ND	ND	ND		5.6		ND		ND		ND				ND		ND	ND		0.59	ND	ND	ND	ND
MW-46B							<1			<1									ND	ND	ND		ND		ND		ND		ND				ND		ND	ND						ND
MW 47-A							75			160					110		30								16		3.9		ND				ND		ND	ND		0.97	14		ND	ND
MW 47-B							<1			<1					<1		ND		ND	ND	ND						ND		ND				ND		ND	ND				ND		ND
MW 48-A								<1		<1					<1		ND		ND	ND	ND		ND	ND	ND		ND						ND		ND							
MW 48-B								0.3J		0.3					<1		ND		ND	ND	ND						ND		ND				ND		ND	ND		ND		ND		ND
MW 49-A							3			1	<10				<1		ND		ND	ND	ND		ND	ND	ND		ND		ND				ND		ND	ND	ND		ND	ND		ND
MW 49-B							170			160	62/62				21		17		16	ND	16		6.4	3/ND	ND		ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND
MW 49-C							8			7	3J				<1		ND		ND	ND	ND		ND		ND		ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND
MW 50-A							<1			<1	<1				<1		ND		ND	ND	ND		ND	ND	ND		ND						ND		ND							
MW 50-B							<1			<1	<1				<1		ND		ND	ND	ND		ND	ND	ND		ND						ND		ND			ND		ND		ND
MW 50-C							<1			<1	<1				<1		ND		ND	ND	ND		ND	ND	ND		ND						ND		ND							
MW-51A									4	2	<10					1																											
MW-52A									<1	0.8	<40																ND		ND				ND					ND		ND		ND
MW-53																																						ND	ND	ND	ND	ND
MW-54																																						ND	ND	ND	ND	ND
MW-55																										ND							ND		ND	ND						ND
MW-56A																										ND			ND						ND	ND			ND		ND	ND
MW-56B																										ND	ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND
MW-56C																										ND			ND				ND		ND	ND	ND	ND	ND	ND	ND	ND

TABLE 6

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SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF TCE DETECTED IN GROUNDWATER FROM MONITOR WELLS AND RECOVERY WELLS, ug/l

Monitor Wells or Recovery Wells	May-84	Aug-84	Sep-84	Jan-89	Nov-89	Feb-90	Jul-91	Aug-91	Oct-91	Nov-91	Nov-95	May-96	Jun-96	May-98	Mar-99	Sep-99	Jun-00	Jul-00	Jul-02	7/02 DUP	7/02DBS**	9/02***	Mar-03	Sep-03	Mar-04	Jul-04	Sep-04	Jan-05	Mar-05	May-06	Jun-06	Aug-06	Sep-05	Dec-05	Mar-06	Sep-06	Mar-07	Oct-07	Mar-08	Sep-08	Mar-09	Sep-09
MW-57A																										ND			ND						ND	ND						ND
MW-57B																										ND			ND				ND		ND	ND		ND		ND	ND
MW-57C																											ND		ND						ND	ND		ND		ND		ND
RW 1																						ND	ND	ND	ND		ND		ND						ND	ND	ND	ND	ND	ND	ND	ND
RW 2												8J			4		5.1					1.4	1.8	ND	ND		ND		1.1				1.8		3.5	ND	ND	ND		ND	ND	ND
RW 3																						ND	3.6	5.8	5.0		21		13				3.6		3.4		ND	ND	2.2	ND	2.5	ND
RW 4																						9.5	3.6	5.7	5.8		3.7						ND		ND	ND	ND	1.1	0.57J	ND	ND	ND
RW 5																						ND	ND	ND	ND		ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND
RW 6													7J		1		ND					1.1	1	2.2	2.7		3.3		2.3				1.6		1.2	ND	ND	ND	ND	ND	ND	ND
RW 7																						5.2	2.3	2.3	3.0		2.2		1.5				ND		ND	ND	ND	0.73	ND	ND	ND	ND
RW 8																						6.6	2.9	1.7	2.7				9				ND		ND	ND		ND	ND	ND	ND	ND
RW 9																						3	2.2	1.2	2.2		1.0		1.4				ND		ND	ND	ND	ND	ND	ND	ND	ND
MW 28A(New)																										ND	ND		ND				ND		3.2	ND	ND	ND	ND	13	ND	ND
MW-28B(New)																										ND			ND				ND		ND	ND	ND		ND	ND	ND	ND
MW-28A		330			180	530	53J			78J	<200																															
MW-28B							<1			<1	<10				<1	<1	ND																									
N-19	<2				<1																																					
N-20					<1																																					
N-6				23				24			9J																															
N-11					<2																																					
N-33			<2		<5	<5	<2			0.2																																
N-36			<2		<1	<1		<1																																		
N-37		<2			<1	<1	<1																			ND			ND				ND		ND	ND	ND	ND	ND	ND	ND	ND
N-38																										ND	ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND
N-39			1100		36	38	41				<100																1.2		1.2				ND		ND	ND	ND	ND	ND	ND	ND	ND
N-40			5		43	20		4																																		
N-16	14				8					2																																
N-17	85				14																																					
N-32			<2		45	56	16			<25																	ND															
N-24		150			130	140	72J			30J																																
N-25		25			83	87																																				
N-26		510			30/50	<1																																				
N-27		1,400			30	ND				41																																
N-1A																									ND										ND							ND
N-1B																										ND			ND				ND		ND	ND		ND		ND		ND
N-2A																									ND										ND							ND
N-2B																										ND			ND				ND		ND	ND		ND		ND		ND
N-9																									ND	ND			ND													
B1																									ND	ND		ND		ND			ND		ND	ND		ND		ND		ND
B2																									ND																	
B3																									ND	ND																
B4																									ND	ND																
MW-0718																	ND		ND	ND	ND																					

*Effluent sample from focus pump and treat
**DBS – Samples collected using diffusive bag sample method
*** Collected after 4 hours of pumping during execution of Initial Testing Plan

TABLE 7

2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF TCA DETECTED IN GROUNDWATER FROM MONITOR WELLS AND RECOVERY WELL, ug/l

Monitor Well or Recovery Well	Sample Dates																																							
	May-84	Aug-84	Sep-84	Jan-89	Nov-89	Feb-90	Jul-91	Aug-91	Oct-91	Nov-91	Nov-95	May-96	Jun-96	May-98	Mar-99	Sep-99	Jun-00	Jul-00	Jul-02	7/02 DUP	7/02 DBS**	9/02***	Mar-03	Sep-03	Mar-04	Jul-04	Sep-04	Jan-05	Mar-05	May-05	Jun-05	Aug-05	Sep-05	Dec-05	Mar-06	Sep-06	Mar-07	Oct-07	Mar-08	Sep-08	Mar-09	Sep-09
MW 98-1A														<5		<1		14/4.9					ND	ND		ND	ND									ND	ND	ND	1.3	ND	ND
MW 98-1B														<5		<1		ND					ND																		
MW 98-2A														<5				ND																							
MW 98-2B														<500		<500		ND																							
MW 98-3														<5		<1		ND	ND		ND		ND	ND																	
MW 98-4														<5			ND		ND		ND		ND	ND			ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW 98-5A														140		2		36	ND		ND		ND	ND	ND		1.8	39									ND	ND	ND	ND
MW-98-5A-MS																			ND	ND	ND																			
MW 98-5B														<500		<1			ND		ND		ND	ND	ND												6.6	ND	4.4		ND	ND
MW 98-6A														<5				ND						ND																	
MW 98-6B														<5				ND						ND																	
MW 98-7														<5		<5								ND																	
MW 98-8														<5		<5		ND																							
FRW-1																						ND	ND	ND	2.8		ND		3.2	ND	ND	ND	ND	6.3	ND	11	ND	14	13	ND	ND	ND
FRW-2																						ND	ND	ND	ND		1	23	5.6	ND	ND	1.2	ND	ND	ND	ND	ND	ND	1.1	ND	ND
FRW-3																						ND	ND	ND	ND		2.6		61	28	54	5.1	ND	28	44	ND	18	ND	1.3	ND	ND	ND
FRW-4																													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW 42-A					49	34		32J			10																								ND							
MW 42-B					<1	0.9J		<1			<10																								ND	ND	ND	ND		ND	ND	ND
MW 42-C					<1	<1		<1			<10																								ND	ND	ND					
MW 43-A					9	12		17/7			<10													ND					ND							ND	ND					
MW 43-B					17	27		0.8J			8J				2				ND		ND		ND	ND	ND		ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND
MW 43-C					2	3		2			<10				<1				ND		ND		ND	ND	ND				ND				ND		4.1	ND	ND	ND	ND	ND	ND	ND
MW 44-A								19		11	2J								ND		ND		ND		ND				ND				ND		ND	5.1	4.8	1.9	41	ND	ND	ND
MW 44-B								<1		<100	<100								ND		ND		ND		ND		ND						ND		ND	ND	ND	ND	ND	ND	ND	ND
MW 44-C								<1		<1	<10								ND		ND						ND						ND		ND	ND	ND	ND		ND		ND
MW 45-A							1J			<1					<1		ND						ND		ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW 45-B							<1			0.2J					<1		ND						ND	ND	ND		ND						ND		ND	ND	ND	ND	ND	ND	ND	ND
MW 46-A							7		9										ND		ND		ND		ND		ND		ND				ND		ND	ND		ND	ND	ND	ND	ND
MW 46-B							<1		<1										ND		ND		ND				ND		ND				ND		ND	ND						ND
MW 47-A							46			74					32		5.8		ND		ND				7.5		ND		ND				ND		ND	ND	ND	ND	6.7		ND	ND
MW 47-B							<1			<1					<1		ND		ND		ND						ND		ND				ND		ND	ND				ND		ND
MW 48-A								<1		<1					<1		ND		ND		ND		ND		ND		ND						ND		ND							
MW 48-B								<1		<1					<1		ND		ND		ND						ND		ND				ND		ND	ND		ND		ND		ND
MW 49-A							4			2	<10				<1		ND		ND		ND		ND	ND	ND		ND		ND				ND		ND	ND	ND		ND	ND		ND
MW 49-B							330			300	69/73				19		6.2		7		7.6		2.9	2.8/ND	ND		ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND
MW 49-C							15			11	4J				<1		ND		ND		ND		ND		ND		ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND
MW 50-A							<1			<1	<1				<1		ND		ND		ND		ND	ND	ND		ND						ND		ND							
MW 50-B							<1			<1	<1				<1		ND		ND		ND		ND	ND	ND		ND						ND		ND			ND		ND		ND
MW 50-C							<1			<1	<1				<1		ND		ND		ND		ND	ND	ND		ND						ND		ND							
MW-51A									23	8	<10					3																										
MW-52A									2	3	<40																ND		ND				ND					ND		ND		ND
MW-53																																					15	16	24	20	5.8
MW-54																																					ND	ND	5.1	2.4	3.4
MW-55																										ND						ND		ND	ND						ND
MW-56A																										ND			ND			ND		ND	ND		ND		ND		ND
MW-56B																										10	18		1.5			ND		2.1	ND	ND	ND	ND	ND	ND	ND
MW-56C																										2.2			1.7			ND		ND	ND	ND	ND	ND	ND	ND	ND

TABLE 7

2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF TCA DETECTED IN GROUNDWATER FROM MONITOR WELLS AND RECOVERY WELL, ug/l

Monitor Well or Recovery Well	Sample Dates																																							
	May-84	Aug-84	Sep-84	Jan-89	Nov-89	Feb-90	Jul-91	Aug-91	Oct-91	Nov-91	Nov-95	May-96	Jun-96	May-98	Mar-99	Sep-99	Jun-00	Jul-00	Jul-02	7/02 DUP	7/02 DBS**	9/02***	Mar-03	Sep-03	Mar-04	Jul-04	Sep-04	Jan-05	Mar-05	May-05	Jun-05	Aug-05	Sep-05	Dec-05	Mar-06	Sep-06	Mar-07	Oct-07	Mar-08	Sep-08	Mar-09	Sep-09
MW-57A																										ND			ND						ND	ND						ND
MW-57B																										ND			ND				ND		ND	ND		ND		ND	ND
MW-57C																											ND		ND						ND	ND				ND	ND
RW 1																						ND	ND	ND	ND		ND		ND						ND	ND	ND	ND	ND	ND	ND
RW 2												<10			1		ND					ND	ND	ND	ND		ND		ND				ND		ND	200	31	1.2		2.4	1.9	ND
RW 3																						ND	1.1	2.9	2.3		8.7		5.0				1.2		ND		ND	ND	0.80J	ND	1.3	ND
RW 4																						1.6	ND	1.1	4.5		18						6		7	7.5	2.1	10	3	6	ND	ND
RW 5																						ND	ND	ND	ND		6.5		4.3				3.8		3	ND	ND	ND	ND	2.6	2.0	ND
RW 6													6J		1		ND					ND	ND	ND	ND		2.2		6.6				12		17	27	8.4	11	6.1	6.5	6.5	4.1
RW 7																						ND	ND	ND	ND		ND		1.7				3.4		4.1	7.5	2.7	2.8	1.1	ND	ND	ND
RW 8																						ND	2.7	3.6	4.3				4.2				4.2		2.8	3		2	1.2	ND	ND	ND
RW 9																						3.5	2.8	3.5	12		6		5.9				2		ND	ND	ND	ND	ND	ND	ND	ND
MW 28A(New)																										ND	ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND
MW-28B(New)																										ND			ND				ND		ND	ND	ND		ND	ND	ND	ND
MW 28-A		660			240	690	60J			100J	<200																															
MW-28B							<1			<1	<10				<1	<1	ND																										
N-19	<2				<1																																					
N-20					<1																																					
N-6				37				27			7J																															
N-11					<2																																					
N-33				37		17	16	0.9			5																															
N-36			<2		<1	<1		<1																																		
N-37		<2			<1	<1	<1																						ND				ND		ND	ND	ND	ND	ND	ND	ND	ND
N-38																											ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND
N-39			1,300		51	48	49				<100													ND	4.6		ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND
N-40			7		54	22		3																																		
N-16	41				13					3														ND	3.6				5.3				7.1		1.1	7	ND	ND	2.8	ND	ND	ND
N-17	85				14																			ND	ND				ND				ND		ND	ND		ND		ND	ND
N-32			<2		46	46	16			14J																	ND														ND	ND
N-24		500			140	160	52			<50																																
N-25		49			25	30																																				
N-26		1,700			160/190	440																																				
N-27		3,000			160	90				110																																
N-1A																									ND										ND							ND
N-1B																										1.1			ND				ND		ND	ND		ND		ND		ND
N-2A																									ND										ND							ND
N-2B																										ND			ND				ND		ND	ND		ND		ND		ND
N-9																								ND	ND																	
B1																								ND	ND		ND		ND				ND		ND	ND		ND		ND		ND
B2																								ND																		
B3																								ND	ND																	
B4																								ND	ND																	
MW-0718																			ND		ND																					

* Effluent sample from focus pump and trea
**DBS – Sample collected using diffusive bag sample metho
*** Collected after 4 hours of pumping during execution of Initial Testing Pla

TABLE 8

2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

Summary of Vapor-Phase Carbon Unit Operating Data

Date	Operating Time (hours)	Average Air Flow Rate (scfm)	Post-Carbon VOC Vapor Conc. (mg/m^3)	VOC Emissions (lb/hr)	VOC Emissions (lb)
1/20/2009	600	3,404	<0.01	0.00003	0.016
2/8/2009	178	2,802	<0.01	0.00006	0.011
3/2009 [1/]	--	--	--	--	--
4/21/2009	718	2,780	<0.01	0.00008	0.060
5/9/2009	468	2,247	0.010	0.00008	0.038
6/16/2009	559	2,020	0.010	0.00007	0.040
7/7/2009	458	2,068	0.017	0.00013	0.061
8/4/2009	665	1,981	0.025	0.00018	0.121
9/1/2009	377	1,928	0.014	0.00010	0.039
10/6/2009	733	1,928	0.019	0.00014	0.102
11/11/2009	548	1,548	0.040	0.00023	0.126
12/3/2009	437	1,548	0.022	0.00013	0.057
Avg.	**522**	**2,205**	**0.020**	**0.00011**	**0.061**
Total	**5,741**	**--**	**--**	**--**	**0.67**

Note: 1. The FSP&T system did not operate during the month of March.

TABLE 9

2009 ANNUAL SUMMARY REPORT
ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CARBON UNIT SYSTEM AIR QUALITY RESULTS

Precarbon

Sample Name	Date	Time	Parameters (mg/m3) PCE	TCE	TCA	DCE	DCA	cis-DCE	trans-DCE	Toluene	Benzene	m&p-Xylene	o-Xylene	Styrene	CF	MC	CM	CD	BM	CB	EB	VC	CE	CT	DCP	TOTAL VOCs
AQ012009:1250NP4-1	1/20/2009	12:50	0.042	0.0036	0.015	0.002	0.005	0.0074	ND	0.0022	ND	0.0035	ND	ND	0.0023	0.0021[B]	ND	0.0018[B]	ND	ND	ND	ND	ND	ND	ND	0.08
AQ:NP4-1	Feb 2009 [1/]	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--
AQ:NP4-1	Mar 2009 [1/]	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--
AQ042109:1200NP4-1	4/21/2009	12:00	0.0370	0.0052	0.0190	0.0014	0.0068	0.0019	0.0027	0.0081	0.0011	0.0037	ND	ND	0.0034	0.0067	ND	0.0023	ND	ND	ND	ND	ND	ND	ND	0.10
AQ051909:1200NP4-1	5/19/2009	12:00	ND	ND	ND	ND	ND	ND	ND	0.0037	0.0010	ND	ND	ND	ND	0.013[B]	ND	0.0042	ND	ND	ND	ND	ND	ND	ND	0.01
AQ:NP4-1	Jun 2009 [2/]	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--
AQ070709:1130NP4-1	7/7/2009	11:30	0.1300	0.0091	0.0320	0.0019	0.0088	0.0055	ND	0.0030	0.0010	0.0140	0.0044	ND	0.0059	0.0016[B]	ND	0.0069	ND	ND	0.0029	ND	ND	ND	ND	0.23
AQ080409:1100NP4-1	8/4/2009	11:00	0.0220	0.0021	0.0110	ND	0.0036	ND	ND	0.1500	0.0032	0.0110	0.0037	0.0041	0.0023	0.45[B]	ND	0.0065	ND	0.0013	0.0048	ND	0.0016	ND	ND	0.23
AQ090109:1030NP4-1	9/1/2009	10:30	0.0370	0.0038	0.0210	0.0009	0.0060	0.0016	ND	0.0580	0.0021	0.0110	0.0045	0.0015	0.0061	0.017[B]	0.0021	0.0086[B]	ND	0.0018	0.0036	ND	ND	0.0018	ND	0.16
AQ100609:1210NP4-1	10/6/2009	12:10	0.0590	0.0046	0.0340	0.0016	0.0099	0.0023	ND	0.0018	ND	ND	ND	ND	0.0069	0.0015	ND	0.0054	ND	ND	ND	ND	ND	ND	ND	0.13
AQ111009:840NP4-1	11/10/2009	8:40	ND	ND	ND	ND	ND	ND	ND	0.0018	0.0009	ND	ND	ND	ND	0.0017	ND	0.0049	ND	ND	ND	ND	ND	ND	ND	0.01
AQ120309:1130NP4-1	12/3/2009	11:30	0.0500	0.0028	0.0098	ND	0.0046	0.0026	ND	0.0560	0.0018	0.0032	ND	ND	0.0028	0.0074 [B]	ND	0.0024	ND	ND	ND	ND	ND	ND	ND	0.14

Midcarbon

Sample Name	Date	Time	Parameters (mg/m3) PCE	TCE	TCA	DCE	DCA	cis-DCE	trans-DCE	Toluene	Benzene	m&p-Xylene	o-Xylene	Styrene	CF	MC	CM	CD	BM	CB	EB	VC	CE	CT	DCP	TOTAL VOCs
AQ012009:1255NP4-2	1/20/2009	12:55	0.006	ND	0.003	0.0012	0.003	ND	ND	0.0019	ND	ND	ND	ND	ND	0.0022[B]	ND	0.0019[B]	ND	ND	ND	ND	ND	ND	ND	0.01
AQ:NP4-2	Feb 2009 [1/]	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--
AQ:NP4-2	Mar 2009 [1/]	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--
AQ042109:1205NP4-2	4/21/2009	12:05	0.0081	0.0012	0.0056	0.0011	0.0065	ND	ND	0.0026	ND	ND	ND	ND	0.0018	0.0041	ND	0.0025	ND	ND	ND	ND	ND	ND	ND	0.03
AQ051909:1205NP4-2	5/19/2009	12:05	0.0088	0.0012	0.0120	0.0018	0.0110	0.0017	ND	0.0017	ND	ND	ND	ND	0.0034	0.0092[B]	ND	0.0035	ND	ND	ND	ND	ND	ND	ND	0.05
AQ:NP4-2	Jun 2009 [2/]	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--
AQ070709:1135NP4-2	7/7/2009	11:35	0.0740	0.0056	0.0160	0.0017	0.0120	0.0021	ND	0.0017	0.0009	ND	ND	ND	0.0037	0.0015[B]	0.0027	0.0075	ND	ND	ND	ND	ND	ND	ND	0.13
AQ080409:1105NP4-2	8/4/2009	11:05	0.1800	0.0180	0.0210	0.0018	0.0094	0.0029	ND	0.0120	0.0017	0.0026	ND	ND	0.0039	0.0053[B]	ND	0.0140	ND	ND	ND	ND	ND	ND	ND	0.27
AQ090109:1035NP4-2	9/1/2009	10:35	0.1700	0.0130	0.0160	0.0010	0.0062	0.0020	ND	0.0050	0.0012	ND	ND	ND	0.0028	0.0075[B]	ND	0.0081[B]	ND	ND	ND	ND	ND	ND	ND	0.22
AQ100609:1215NP4-2	10/6/2009	12:15	0.2900	0.0240	0.0460	0.0017	0.0110	0.0033	ND	0.0018	0.0012	ND	ND	ND	0.0055	0.0015	ND	0.0066	ND	ND	ND	ND	ND	ND	ND	0.39
AQ111009:845NP4-2	11/10/2009	8:45	0.1300	0.0130	0.0370	0.0021	0.0098	0.0039	ND	0.0027	ND	ND	ND	ND	0.0058	0.0110	0.0023	0.0042	ND	ND	ND	ND	ND	ND	ND	0.22
AQ120309:1135NP4-2	12/3/2009	11:35	0.0780	0.0750	0.0278	0.0012	0.0052	0.0018	0.0012	0.0760	0.0021	0.0040	ND	ND	0.0038	0.0110[B]	ND	0.0031	ND	ND	0.0017	ND	ND	ND	ND	0.28

Postcarbon

Sample Name	Date	Time	Parameters (mg/m3) PCE	TCE	TCA	DCE	DCA	cis-DCE	trans-DCE	Toluene	Benzene	m&p-Xylene	o-Xylene	Styrene	CF	MC	CM	CD	BM	CB	EB	VC	CE	CT	DCP	TOTAL VOCs
AQ012009:1300NP4-3	1/20/2009	13:00	ND	ND	ND	ND	ND	ND	ND	0.0021	ND	ND	ND	ND	ND	0.0022[B]	ND	0.0017[B]	ND	ND	ND	ND	ND	ND	ND	0.00
AQ:NP4-3	Feb 2009 [1/]	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--
AQ:NP4-3	Mar 2009 [1/]	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--
AQ042109:1210NP4-3	4/21/2009	12:10	ND	ND	ND	0.0007	0.0021	ND	ND	0.0031	ND	ND	ND	ND	ND	0.0049	ND	0.0031	ND	ND	ND	ND	ND	ND	ND	0.01
AQ051909:1210NP4-3	5/19/2009	12:10	ND	ND	ND	0.0008	0.0049	ND	ND	ND	ND	ND	ND	ND	ND	0.0019[B]	ND	0.0039	ND	ND	ND	ND	ND	ND	ND	0.01
AQ:NP4-3	Jun 2009 [2/]	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--
AQ070709:1140NP4-3	7/7/2009	11:40	ND	ND	ND	0.0008	0.0038	ND	ND	0.0015	ND	ND	ND	ND	ND	0.0012[B]	0.0027	0.0083	ND	ND	ND	ND	ND	ND	ND	0.02
AQ080409:1110NP4-3	8/4/2009	11:10	ND	ND	ND	0.0017	0.0058	ND	ND	0.0014	ND	ND	ND	ND	ND	0.0022[B]	ND	0.0160	ND	ND	ND	ND	ND	ND	ND	0.02
AQ090109:1040NP4-3	9/1/2009	10:40	ND	ND	ND	0.0013	0.0028	ND	ND	0.0019	ND	ND	ND	ND	ND	0.0056[B]	ND	0.0084[B]	ND	ND	ND	ND	ND	ND	ND	0.01
AQ100609:1220NP4-3	10/6/2009	12:20	ND	ND	ND	0.0014	0.0094	ND	ND	0.0011	ND	ND	ND	ND	0.0017	0.0015	ND	0.0042	ND	ND	ND	ND	ND	ND	ND	0.02
AQ111009:850NP4-3	11/10/2009	8:40	ND	ND	0.0037	0.0024	0.0130	0.0013	ND	0.0047	ND	0.0029	ND	ND	0.0036	0.0014	0.0022	0.0043	ND	ND	ND	ND	ND	ND	ND	0.04
AQ130309:1140NP4-3	12/3/2009	11:40	ND	ND	0.0031	0.0012	0.0074	ND	ND	0.0039	ND	ND	ND	ND	0.0022	0.0012[B]	ND	0.0033	ND	ND	ND	ND	ND	ND	ND	0.02

PCE - Tetrachloroethane
TCE - Trichloroethene
TCA - 1,1,1-Trichloroethane
CE - Chloroethane
DCE - 1,1-Dichloroethene
DCA - 1,1-Dichloroethane
cis-DCE - cis-1,2-Dichloroethene
CT - Carbon Tetrachloride
CF - Chloroform
MC - Methylene Chloride
CM - Chloromethane
CD - Carbon Disulfide
BM - Bromomethane
CB - Chlorobenzene
EB - Ethylbenzene
VC - Vinyl Chloride
DCP - 1,2-Dichloropropane
NS - Not Sampled
ND - Not Detected
trans-DCE -trans-1,2-Dichloroethene

Note: B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

[1/] FSP&T Recovery system was not operating after February 6, 2009 due to a system computer malfunction, and intermittently during the month of March 2009, thus no air samples were collected during March 2009.

[2/] The air samples were collected late in the month and due to the holiday weekend did not arrive at the laboratory within the sample holding time.

TABLE 10

2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

SUMMARY OF GROUNDWATER ELEVATION MEASUREMENTS FOR MONITOR AND RECOVERY WELLS IN 2009, IN FEET MEAN SEA LEVEL

Well	January-09	February-09 Static Conditions	March-09	April-09	May-09 Static Conditions	May-09	June-09	July-09	August-09	September-09	September - 09 Static Conditions	October-09	November-09	December-09
MW-28A	-	8.86	8.90	-	-	-	-	-	-	8.37	8.62	-	-	-
MW-28B	-	8.89	8.94	-	-	-	-	-	-	8.42	8.67	-	-	-
MW-42A	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-42B	-	-	8.47	-	-	-	-	-	-	7.94	8.2	-	-	-
MW-42C	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-43A	-	Dry	Dry @ 17.17	-	-	-	-	-	-	Dry	Dry	-	-	-
MW-43B	-	4.78	4.85	-	-	-	-	-	-	4.58	5.00	-	-	-
MW-43C	-	5.02	4.97	-	-	-	-	-	-	4.7	5.14	-	-	-
MW-44A	-	8.15	8.15	-	-	-	-	-	-	7.59	8.16	-	-	-
MW-44B	-	8.14	8.14	-	-	-	-	-	-	7.62	8.14	-	-	-
MW-44C	-	8.41	8.41	-	-	-	-	-	-	7.83	8.23	-	-	-
MW-45A	-	9.92	9.43	-	-	-	-	-	-	8.96	9.10	-	-	-
MW-45B	-	8.35	9.43	-	-	-	-	-	-	12.92	9.05	-	-	-
MW-46A	-	8.97	9.08	-	-	-	-	-	-	8.53	8.71	-	-	-
MW-46B	-	8.85	9.06	-	-	-	-	-	-	8.51	8.98	-	-	-
MW-47A	-	8.76	8.87	-	-	-	-	-	-	8.23	8.51	-	-	-
MW-47B	-	8.70	8.84	-	-	-	-	-	-	8.27	8.45	-	-	-
MW-48A	-	9.77	10.05	-	-	-	-	-	-	-	-	-	-	-
MW-48B	-	9.69	10.04	-	-	-	-	-	-	9.52	9.59	-	-	-
MW-49A	-	Dry	3.20	-	-	-	-	-	-	3.01	3.76	-	-	-
MW-49B	-	3.15	3.19	-	-	-	-	-	-	2.96	3.71	-	-	-
MW-49C	-	3.06	3.17	-	-	-	-	-	-	2.98	3.72	-	-	-
MW-50A	-	1.92	1.90	-	-	-	-	-	-	1.73	2.44	-	-	-
MW-50B	-	1.52	1.85	-	-	-	-	-	-	1.74	2.44	-	-	-
MW-50C	-	1.11	1.91	-	-	-	-	-	-	1.82	2.48	-	-	-
MW-52A	-	-	9.91	-	-	-	-	-	-	9.43	9.29	-	-	-
MW-53	-	5.23	5.27	-	-	-	-	-	-	4.98	5.36	-	-	-
MW-54	-	5.48	5.49	-	-	-	-	-	-	5.14	5.59	-	-	-
MW-55	-	3.79	3.92	-	-	-	-	-	-	3.72	4.18	-	-	-
MW-56A	-	3.61	3.63	-	-	-	-	-	-	3.44	4.03	-	-	-
MW-56B	-	3.66	3.69	-	-	-	-	-	-	3.5	4.08	-	-	-
MW-56C	-	3.79	3.78	-	-	-	-	-	-	3.58	4.18	-	-	-
MW-57A	-	3.87	3.98	-	-	-	-	-	-	3.86	4.23	-	-	-
MW-57B	-	3.73	3.88	-	-	-	-	-	-	3.61	4.13	-	-	-
MW-57C	-	3.81	3.96	-	-	-	-	-	-	3.77	4.18	-	-	-
MW-98-01A	-	-	9.33	-	-	-	-	-	-	9.11	9.20	-	-	-
MW-98-04	-	9.33	9.43	-	-	-	-	-	-	8.96	9.13	-	-	-
MW-98-05A	-	-	9.17	-	-	-	-	-	-	9.08	9.18	-	-	-
MW-98-05B	-	-	9.11	-	-	-	-	-	-	9.51	8.89	-	-	-

TABLE 10

2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

SUMMARY OF GROUNDWATER ELEVATION MEASUREMENTS FOR MONITOR AND RECOVERY WELLS IN 2009, IN FEET MEAN SEA LEVEL

Well	January-09	February-09 Static Conditions	March-09	April-09	May-09 Static Conditions	May-09	June-09	July-09	August-09	September-09	September - 09 Static Conditions	October-09	November-09	December-09
RW-1[1/]	-	-	8.45	-	9.08	-	-	-	-	7.97	8.23	-	-	-
RW-2	5.01	8.30	5.15	5.32	8.98	6.21	5.96	6.21	5.34	4.93	8.08	-	5.13	-
RW-3	7.12	8.50	7.27	7.63	9.04	7.70	7.65	8.06	7.15	6.7	8.18	6.85	7.22	-
RW-4	4.18	6.58	6.43	-	3.89	4.76	3.99	4.60	3.83	3.6	6.40	3.47	-	-
RW-5	4.13	6.03	4.25	4.52	7.51	4.98	4.61	4.76	5.15	3.89	5.95	4.02	4.23	-
RW-6	-19.78	4.74	-20.75	-22.41	1.75	-19.69	-22.11	-23.08	-25.59	-24.94	4.92	-25.60	-27.22	-
RW-7	3.85	3.29	3.68	3.87	4.74	-	-1.59	4.15	3.67	3.45	4.52	3.83	4.03	-
RW-8	3.24	3.56	3.14	3.27	4.03	-	3.46	3.71	3.26	3.16	3.94	3.61	3.55	-
RW-9	2.70	1.19	2.58	2.59	3.35	-	1.85	2.01	2.62	2.35	3.42	2.99	3.05	-
MW-B1	-	-	9.98	-	-	-	-	-	-	9.07	7.15	-	-	-
MW-B2	-	-	10.50	-	-	-	-	-	-	8.79	7.28	-	-	-
MW-B3	-	7.10	8.65	-	-	-	-	-	-	8.09	6.91	-	-	-
MW-B4	-	7.12	8.04	-	-	-	-	-	-	7.44	6.95	-	-	-
N-1A	-	5.09	5.16	-	-	-	-	-	-	4.62	5.66	-	-	-
N-1B	-	3.04	3.03	-	-	-	-	-	-	2.81	3.63	-	-	-
N-2A	-	3.82	4.02	-	-	-	-	-	-	3.82	4.49	-	-	-
N-2B	-	6.06	3.10	-	-	-	-	-	-	2.89	3.55	-	-	-
N-9	-	5.35	5.61	-	-	-	-	-	-	5.25	5.44	-	-	-
N-16	-	6.01	6.11	-	-	-	-	-	-	5.58	6.01	-	-	-
N-17	-	5.93	6.18	-	-	-	-	-	-	5.7	5.97	-	-	-
N-32	-	-	8.18	-	-	-	-	-	-	7.66	-	-	-	-
N-37	-	8.10	8.20	-	-	-	-	-	-	7.68	7.92	-	-	-
N-38	-	8.05	8.12	-	-	-	-	-	-	7.6	7.88	-	-	-
N-39	-	8.00	8.17	-	-	-	-	-	-	7.61	7.83	-	-	-

Notes: 1. Groundwater elevations were not measured during the month of December because the FSP&T system was not operational during the sampling event.

2. Unless otherwise stated groundwater elevations were measured during pumping conditions.

TABLE 11

2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

FSP&T INFLUENT PCE CONCENTRATIONS AND CUMULATIVE VOCs RECOVERED

Date	Influent PCE Conc. (ug/l)	Cumulative VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative VOC's Recovered (lbs)
11/26/02	110	6	9/2/03	51	73.9	4/21/04	55	119.8	12/2/04	21	149.8	7/14/05	12	168.2	4/6/06	13	182.5	11/29/06	0	195.9	7/13/2007	6.6	204.2	3/4/2008	3.4	209.3	10/16/2008	3.4	212.6	7/7/2009	5.2	216.4
12/19/02	58	9.6	9/10/03	52	75.8	4/28/04	51	121.6	12/7/04	24	150.2	7/19/05	14	168.8	4/12/06	18	182.7	12/7/06	14	196.2	7/18/2007	4.2	204.4	3/11/2008	5.3	209.4	10/23/2008	4.8	212.8	7/14/2009	5.4	216.5
1/2/03	64	11.6	9/18/03	51	77.5	5/3/04	47	123.0	12/14/04	48	150.9	7/29/05	10	169.2	4/19/06	17	182.8	12/13/06	12	197.0	7/25/2007	4.7	204.6	3/21/2008	3.6	209.7	10/30/2008	5.5	212.9	7/21/2009	3.2	216.6
1/8/03	58	13.5	9/23/03	52	78.6	5/10/04	47	124.7	12/21/04	23	151.5	8/2/05	10	169.5	4/25/06	17	183.3	12/20/06	6.1	197.6	7/31/2007	3.6	204.7	3/27/2008	3.2	209.8	11/6/2008	2.4	213.0	7/28/2009	6.1	216.8
1/9/03	63	13.9	10/1/03	66	80.5	5/18/04	46	126.1	12/27/04	34	151.6	8/9/05	13	169.6	5/3/06	14	183.6	12/27/06	2.9	197.7	8/8/2007	3.6	204.8	4/1/2008	2.7	209.9	11/11/2008	3	213.0	8/4/2009	1.8	216.8
1/15/03	57	16.0	10/8/03	54	81.1	5/27/04	43	127.4	1/4/05	26	152.2	8/17/05	17	170	5/11/06	12	183.8	1/3/2007	0	197.9	8/16/2007	4.3	205.1	4/8/2008	2.8	210.0	11/19/2008	7.9	213.2	8/12/2009	3.6	216.9
1/23/03	53	18.4	10/17/03	48	82.2	6/2/04	37	128.6	1/13/05	27	153.4	8/24/05	8.3	170.3	5/17/06	23	183.9	1/10/2007	5.2	198.4	8/23/2007	4.1	205.2	4/17/2008	3.5	210.2	11/25/2008	2.8	213.3	8/19/2009	3.2	217.0
2/1/03	71	22.0	10/22/03	45	83.4	6/8/04	30	131.0	1/20/05	27	153.7	8/31/05	12	170.6	5/24/06	28	184.0	1/18/2007	6.7	198.4	8/29/2007	3.6	205.4	4/22/2008	3	210.2	12/2/2008	2.6	213.4	8/25/2009	5.0	217.1
2/6/03	74	23.9	10/30/03	54	85.3	6/14/04	23	131.7	1/26/05	17	154.1	9/8/05	8.8	170.8	5/30/06	18	184.3	1/23/2007	4.7	198.9	9/6/2007	1.8	205.6	4/29/2008	2.5	210.2	12/9/2008	2.8	213.5	9/1/2009	2.9	217.2
2/20/03	83	26.7	11/7/03	69	87.9	6/25/04	38	133.6	2/2/05	21	155.5	9/15/05	20	171.5	6/7/06	16	184.7	2/1/2007	9.3	199.5	9/12/2007	5.3	205.7	5/6/2008	3.1	210.4	12/17/2008	22	213.8	9/8/2009	2.6	217.3
3/6/03	80	29.7	11/11/03	74	89.4	6/30/04	55	134.2	2/8/05	23	156.2	10/6/05	12	172.2	6/14/06	22	185.0	2/8/2007	14	199.7	9/18/2007	6.8	205.7	5/15/2008	2.4	210.5	12/23/2008	0	213.8	9/16/2009	3.3	217.3
3/12/03	80	32.1	11/18/03	37	89.9	7/7/04	24	134.7	2/16/05	22	157.2	10/12/05	12	172.4	6/21/06	20	185.8	2/15/2007	10	200.1	9/26/2007	5.5	205.8	5/20/2008	4.1	210.6	12/30/2008	5	214.0	9/22/2009	2.7	217.4
3/21/03	59	34.9	11/25/03	63	91.6	7/14/04	40	136.0	2/24/05	23	158.2	11/16/05	22	173.1	6/28/06	0	185.8	2/22/2007	12	200.1	10/3/2007	7.6	206.0	5/27/2008	3.1	210.7	1/6/2009	4.0	214.3	9/29/2009	3.6	217.4
3/28/03	45	36.5	12/10/03	54	93.1	7/21/04	43	136.7	3/2/05	28	159.2	11/21/05	10	173.4	7/7/06	28	186.0	2/28/2007	10	200.4	10/8/2007	5.2	206.1	6/5/2008	2.5	210.8	1/13/2009	4.5	214.3	10/6/2009	3.1	217.5
4/3/03	55	38.2	12/17/03	76	94.0	7/28/04	47	137.0	3/10/05	31	160.1	11/28/05	14	173.8	7/13/06	20	186.4	3/7/2007	7.8	200.7	10/19/2007	3.3	206.3	6/10/2008	2.7	210.8	1/20/2009	5.7	214.5	10/13/2009	3.1	217.6
4/23/03	59	44.4	12/23/03	59	95.8	8/4/04	41	138.2	3/17/05	32	161.1	12/8/05	29	174	7/20/06	5.4	186.9	3/14/2007	9.6	200.8	11/7/2007	6.7	206.5	6/17/2008	4.8	210.9	1/27/2009	7.8	214.7	10/20/2009	3.0	217.7
5/3/03	69	47.4	12/30/03	79	98.0	8/12/04	84	140.3	3/24/05	22	161.8	12/12/05	30	174.2	7/31/06	12	187.0	3/22/2007	8	201.2	11/15/2007	5.8	206.6	6/25/2008	3	211.0	2/3/2009	5.6	214.8	10/27/2009	5.1	217.8
5/6/03	59	48.4	1/9/04	69	99.1	8/17/04	37	141.2	3/30/05	29	162.4	12/21/05	21	175.4	8/8/06	13	187.6	3/28/2007	7.2	201.6	11/19/2007	3.7	206.6	7/1/2008	1.5	211.1	3/9/2009	6.1	215.0	11/3/2009	3.7	218.0
5/13/03	110	52.1	1/14/04	61	100.8	8/23/04	44	142.1	4/7/05	14	162.7	12/27/05	17	175.8	8/16/06	18	187.9	4/3/2007	9.8	201.6	11/28/2007	6.7	206.9	7/8/2008	4.8	211.1	3/17/2009	7.7	215.2	11/10/2009	2.8	218.0
5/30/03	71	55.0	1/23/04	65	102.5	9/2/04	33	143.0	4/13/05	32	163	1/4/06	20	176.9	8/24/06	13	188.0	4/10/2007	5.9	202.0	12/5/2007	3.8	207.1	7/18/2008	5.2	211.3	3/31/2009	9.5	215.2	11/17/2009	4.8	218.1
6/5/03	29	56.0	1/29/04	35	103.4	9/8/04	34	143.2	4/19/05	14	163.4	1/12/06	10	177.4	8/28/06	9.5	188.7	4/18/2007	7.9	202.2	12/12/2007	5.1	207.4	7/24/2008	3.8	211.4	4/6/2009	4.0	215.3	11/24/2009	2.9	218.2
6/11/03	50	56.9	2/5/04	54	106.4	9/14/04	53	144.1	4/27/05	27	163.7	1/19/06	18	177.7	9/5/06	0	188.7	4/26/2007	8.4	202.4	12/20/2007	3.6	207.5	7/30/2008	3.1	211.4	4/14/2009	1.9	215.4	12/3/2009	4.6	218.2
6/19/03	50	58.6	2/11/04	61	108.7	9/22/04	28	144.6	5/2/05	20	164.4	1/25/06	11	178.2	9/12/06	13	189.2	5/1/2007	0	202.4	12/27/2007	3.8	207.7	8/5/2008	2.1	211.5	4/21/2009	4.2	215.5	12/8/2009	1.6	218.2
6/23/03	54	59.4	2/19/04	30	109.3	10/1/04	35	145.4	5/10/05	32	165.1	2/1/06	23	178.8	9/19/06	9.4	190.5	5/10/2007	5.8	202.8	1/3/2008	5.7	207.7	8/12/2008	2.5	211.5	4/28/2009	2.5	215.6	12/15/2009	7.3	218.5
6/30/03	56	60.7	2/25/04	50	111.0	10/7/04	27	145.9	5/16/05	14	165.8	2/8/06	16	179.6	9/27/06	9.5	190.7	5/15/2007	5.9	203.1	1/9/2008	5.6	207.9	8/19/2008	2.4	211.7	5/5/2009	3.3	215.7	12/22/2009	4.6	218.6
7/11/03	56	62.4	3/3/04	45	112.8	10/13/04	27	146.4	5/26/05	14	166.1	2/14/06	16	180.2	10/4/06	11	191.9	5/23/2007	5.3	203.3	1/16/2008	4.1	208.1	8/26/2008	1.5	211.8	5/12/2009	6.1	215.9			
7/14/03	31	62.9	3/8/04	46	113.7	10/21/04	27	147.1	6/2/05	7.7	166.1	2/22/06	16	180.3	10/10/06	6	192.7	5/30/2007	6.1	203.5	1/24/2008	5.6	208.4	9/4/2008	4	211.8	5/19/2009	10.8	216.0			
7/23/03	55	65.2	3/18/04	23	115.0	10/27/04	28	147.2	6/10/05	9.2	166.1	2/28/06	17	180.6	10/18/06	12	193.1	6/7/2007	6.3	203.7	1/30/2008	6.7	208.6	9/9/2008	2.2	211.9	6/5/2009	7.2	216.1			
7/30/03	75	68.0	3/22/04	32	115.2	11/3/04	22	147.7	6/15/05	19	166.2	3/7/06	13	181.3	10/26/06	7.5	193.8	6/13/2007	6.4	203.8	2/5/2008	5.7	208.8	9/16/2008	2.8	212.1	6/10/2009	2.6	216.2			
8/7/03	49	69.1	3/30/04	28	116.7	11/9/04	35	148.4	6/24/05	12	166.7	3/14/06	14	181.7	11/1/06	9	194.9	6/20/2007	5.6	204.0	2/13/2008	3.9	208.9	9/22/2008	3.8	212.1	6/16/2009	2.7	216.3			
8/20/03	58	70.8	4/9/04	4.7	116.9	11/16/04	27	148.7	6/30/05	20	167.1	3/22/06	16	182.2	11/8/06	8.8	195.1	6/25/2007	4.5	204.1	2/20/2008	4.6	209.0	9/29/2008	2.7	212.2	6/23/2009	3.0	216.3			
8/26/03	53	72.7	4/14/04	38	117.9	11/23/04	26	149.1	7/7/05	27	167.8	3/29/06	12	182.3	11/15/06	7.8	195.9	7/5/2007	6.4	204.1	2/27/2008	3.3	209.2	10/8/2008	5.8	212.4	6/30/2009	2.6	216.4			

Note: The influent sample is water quality of combined water from recovery wells operating at time of sample collection.

TABLE 12

2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

Recovery Well FRW-1 VOC Concentrations, micrograms per liter

FRW-1												
Date	**PCE**	**TCE**	**12DCE**	**TCA**	**11DCA**	**11DCE**	**T12DCE**	**135TMB**	**TOLUENE**	**VC**	**MC**	**MTBE**
ARARs	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5** [1/]	**5**	**1** [1/]	**5**	**5**
10-Jan-07	**240**	**5.5**	**28**	**9.7**	ND<1	ND<1	ND<1	ND<1	3.1	**1.6**	ND<1	ND<1
7-Mar-07	**41**	ND<1	**620**	ND<1	ND<1	ND<1	ND<1	ND<1	**5.6**	**170**	ND<1	ND<1
28-Mar-07	**170**	3.1	2.4	ND<1	ND<1	ND<1	ND<1	ND<1	4.6	**1.3**	ND<1	ND<1
3-Apr-07	**110**	**8.6**	**93**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	**30**	ND<1	ND<1
1-May-07	**400**	**6.5**	**34**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	**37**	ND<1	ND<1
7-Jun-07	**200**	**6.8**	**43**	ND<1	ND<1	ND<1	ND<1	ND<1	0.98	**88**	ND<1	ND<1
12-Jul-07	**53**	3.0	**9.0**	1.8	ND<1	ND<1	ND<1	ND<1	1.4	**13**	ND<1	ND<1
8-Aug-07	**300**	**7.2**	**8.2**	**21**	2.1	ND<1	ND<1	ND<1	ND<1	**6.9**	ND<1	ND<1
12-Sep-07	**430**	**8.1**	**9.0**	**22**	1.6	ND<1	ND<1	ND<1	ND<1	**2.6**	ND<1	ND<1
3-Oct-07	**380**	**7.8**	**10**	**14**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
28-Nov-07	**4**	**25**	**15**	ND<1	ND<1	4.3	ND<1	ND<1	ND<1	**83**	ND<1	ND<1
12-Dec-07	**710**	**32**	**12**	**23**	2.2	ND<1	ND<1	ND<1	0.72	**6.2**	ND<1	ND<1
16-Jan-08	**410**	**17**	**24**	**8**	0.95	ND<1	ND<1	ND<1	2	**5.9**	ND<1	ND<1
5-Feb-08	**160**	**25**	**15**	1.8	ND<1	ND<1	ND<1	ND<1	ND<1	**4.8**	ND<1	ND<1
10-Mar-08	**600**	**110**	**43**	**13**	**5.1**	10	2.4	ND<1	ND<1	**68**	ND<1	ND<1
17-Apr-08	**1,600**	**93**	**9.7**	**14**	3	2.4	ND<1	ND<1	1.6	**15**	ND<1	ND<1
6-May-08	**490**	**63**	**15**	**12**	1.8	3.8	ND<1	ND<1	ND<1	**21**	ND<1	ND<1
27-May-08	**200**	**92**	**23**	1.5	2.8	1.2	ND<1	ND<1	ND<1	**17**	ND<1	ND<1
17-Jun-08	**450**	**130**	**47**	5	ND<1	**9.8**	ND<1	ND<1	ND<1	**67**	ND<1	ND<1
30-Jul-08	**570**	**38**	**20**	**20**	ND<1	ND<1	ND<1	ND<1	ND<1	**8.3**	ND<1	ND<1
12-Aug-08	**170**	**55**	**22**	**13**	ND<1	ND<1	ND<1	ND<1	ND<1	**12**	ND<1	ND<1
17-Sep-08	**7**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
The FRWs were restarted on September 22, 2008												
23-Oct-08	**56**	ND<1	**10**	ND<1	ND<1	ND<1	**10**	ND<1	1.7	ND<1	ND<1	ND<1
20-Nov-08	**50**	ND<1	**13**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Dec-08	**1,600**	4.9	1.2	**9.6**	ND<1	ND<1	ND<1	ND<1	2.6	ND<1	ND<1	ND<1
20-Jan-09	**130**	3.3	**21**	0.93	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Feb-09 [2/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<1
18-Mar-09	**130**	2.4	**13**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
28-Apr-09	**99**	3.2	**16**	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
May-09 [3/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
16-Jun-09	**54**	ND<1	**11**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	0.72
28-Jul-09	**57**	ND<1	ND<1	0.56	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
19-Aug-09	**17**	ND<1	1.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
16-Sep-09	**15**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
20-Oct-09	**27**	ND<1	4.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Nov-09	**13**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
29-Dec-09 [4/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.

1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were not established.
2. FSP&T and FP&T systems were not operating after February 8, 2009 due to a system computer malfunction, thus the recovery wells were not sampled during February 2009.
3. The FP&T recovery wells were not sampled during the month of May because the FSP&T system control computer became unresponsive during the sampling event, shutting down both the FSP&T and FP&T systems.
4. The FP&T recovery wells were not sampled during the month of December because the FSP&T system was inoperable during the scheduled sapmling event.

PCE- TETRACHLOROETHYLENE
TCA - 1,1,1-TRICHLOROETHANE
11DCA - 1,1-DICHLOROETHANE
TCE - TRICHLOROETHENE
12DCE - cis1,2-DICHLOROETHENE
MTBE - METHYL TERTIARY-BUTYL ETHER
VC - VINYL CHLORIDE
NS - Not Sampled

11DCE - 1,1 DICHLOROETHYLENE
T12DCE - trans 1,2 DICHLOROETHENE
135TMB - 1,3,5-TRIMETHYLBENZENE
IPB - ISOPROPYLBENZENE
4-IPT - 4-ISOPROPYLTOLUENE
-- - NOT ANALYZED
MC - METHYLENE CHLORIDE

TABLE 13

2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

Recovery Well FRW-2 VOC Concentrations, micrograms per liter

FRW-2											
Date	**PCE**	**TCE**	**12DCE**	**TCA**	**IPB**	**NPB**	**124TMB**	**11DCA**	**TOLUENE**	**VC**	**EB**
ARARs	**5**	**5**	**5**	**5**	**5** [1/]	**5** [1/]	**5** [1/]	**5**	**5**	**1** [1/]	**5**
10-Jan-07	4.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	**33**	**59**	ND<1
7-Mar-07	**5.7**	ND<1	**180**	ND<1	ND<1	ND<1	ND<1	ND<1	**640**	**15**	ND<1
28-Mar-07	**72**	3.5	**17**	ND<1	1.5	ND<1	ND<1	ND<1	**19**	**6.0**	ND<1
3-Apr-07	**98**	2.7	**19**	ND<1	ND<1	ND<1	ND<1	ND<1	**24**	**7.3**	ND<1
1-May-07	**23**	**6.1**	**280**	ND<1	ND<1	ND<1	ND<1	ND<1	**440**	**17**	ND<1
7-Jun-07	**28**	**14**	**180**	ND<1	ND<1	ND<1	ND<1	ND<1	**130**	**6.6**	ND<1
12-Jul-07	**16**	**15**	**82**	ND<1	2.8	1.1	ND<1	ND<1	**120**	**5.7**	0.60
8-Aug-07	1.3	ND<1	**40**	ND<1	1.9	ND<1	ND<1	ND<1	**44**	**10**	ND<1
12-Sep-07	**11**	**22**	**260**	ND<1	ND<1	ND<1	ND<1	1.6	**64**	**19**	ND<1
3-Oct-07	ND<1	ND<1	**12**	ND<1	ND<1	ND<1	ND<1	ND<1	2.9	**14**	ND<1
28-Nov-07	**10**	**19**	**150**	ND<1	1.1	ND<1	1.0	ND<1	**8.5**	**8.7**	ND<1
12-Dec-07	**92**	**9.1**	**12**	0.85	2	1.2	ND<1	ND<1	**6.7**	**2.4**	ND<1
16-Jan-08	**110**	**17**	**37**	ND<1	2.7	1.1	ND<1	ND<1	3	**4.6**	ND<1
5-Feb-08	**22**	**12**	**44**	ND<1	ND<1	ND<1	ND<1	ND<1	**8.1**	**34**	ND<1
10-Mar-08	**27**	**10**	**73**	ND<1	1.5	ND<1	ND<1	ND<1	1.1	**2**	ND<1
17-Apr-08	ND<1	ND<1	**100**	ND<1	1.2	ND<1	ND<1	ND<1	1.0	**8.8**	ND<1
6-May-08	**14**	**5.9**	**180**	**8.8**	ND<1	ND<1	ND<1	**5.4**	ND<1	**2.8**	ND<1
27-May-08	2.9	2	**110**	ND<1	1.5	ND<1	ND<1	3.6	ND<1	**3.2**	ND<1
17-Jun-08	**28**	**9.1**	**250**	2.6	ND<1	ND<1	ND<1	**5.2**	ND<1	**3.7**	ND<1
30-Jul-08	3	ND<1	**190**	1.1	2.4	1.5	ND<1	ND<1	ND<1	**3.5**	ND<1
12-Aug-08	ND<1	ND<1	**240**	ND<1	ND<1	ND<1	ND<1	ND<1	**7.3**	ND<1	ND<1
17-Sep-08	**72**	**19**	**110**	1.1	4.4	3.5	ND<1	ND<1	ND<1	ND<1	ND<1
The FRWs were restarted on September 22, 2008											
23-Oct-08	**16**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	2.2	ND<1	ND<1
20-Nov-08	**27**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Dec-08	**55**	**15**	**32**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
20-Jan-09	**41**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	**7.7**	ND<1	ND<1
Feb-09 [2/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
18-Mar-09	**24**	ND<1	1.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
28-Apr-09	**6.3**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
May-09 [3/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
16-Jun-09	**13**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	3.0	ND<1	ND<1
28-Jul-09	**9.8**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
19-Aug-09	**16**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
16-Sep-09	**20**	ND<1	0.62	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
20-Oct-09	**32**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Nov-09	**19**	0.9	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
29-Dec-09 [4/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.

1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were not established.
2. FSP&T and FP&T systems were not operating after February 8, 2009 due to a system computer malfunction, thus the recovery wells were not sampled during February 2009.
3. The FP&T recovery wells were not sampled during the month of May because the FSP&T system control computer became unresponsive during the sampling event, shutting down both the FSP&T and FP&T systems.
4. The FP&T recovery wells were not sampled during the month of December because the FSP&T system was inoperable during the scheduled sapmling event.

PCE- TETRACHLOROETHYLENE
TCA - 1,1,1-TRICHLOROETHANE
11DCA - 1,1-DICHLOROETHANE
TCE - TRICHLOROETHENE
12DCE - cis1,2-DICHLOROETHENE
MTBE - METHYL TERTIARY-BUTYL ETHER
VC - VINYL CHLORIDE
NS - Not Sampled

NPB - n PROPYLBENZENE
124TMB - 1,2,4-TRIMETHYLBENZENE
135TMB - 1,3,5-TRIMETHYLBENZENE
IPB - ISOPROPYLBENZENE
4-IPT - 4-ISOPROPYLTOLUENE
-- - NOT ANALYZED
EB - ETHYLBENZENE

TABLE 14

2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

Recovery Well FRW-3 VOC Concentrations, micrograms per liter

FRW-3															
Date	**PCE**	**TCE**	**12DCE**	**TCA**	**IPB**	**NPB**	**O-XYL**	**11DCA**	**TOLUENE**	**VC**	**T12DCE**	**SBB**	**1,2,4TMB**	**1,3,5TMB**	**CM**
ARARs	**5**	**5**	**5**	**5**	**5** [1/]	**5** [1/]	**5**	**5**	**5**	**1** [1/]	**5**	**5** [1/]	**5** [1/]	**5** [1/]	**5**
10-Jan-07	**31**	3.4	**290**	ND<1	2.5	1.6	ND<1	0.97	**68**	**27**	ND<1	ND<1	ND<1	ND<1	ND<1
7-Mar-07	**120**	**16**	**110**	**18**	ND<1	ND<1	ND<1	ND<1	**26**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
28-Mar-07	**12**	1.3	ND<1	ND<1	0.97	ND<1	ND<1	ND<1	**58**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
3-Apr-07	**11**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	**49**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
1-May-07	**190**	**28**	**280**	**10**	ND<1	ND<1	ND<1	3.1	**160**	**10**	ND<1	ND<1	ND<1	ND<1	ND<1
7-Jun-07	**340**	**19**	**180**	**17**	ND<1	ND<1	ND<1	**13**	**35**	**110**	ND<1	ND<1	ND<1	ND<1	ND<1
12-Jul-07	**620**	**33**	**44**	**33**	2.4	0.91	ND<1	**11**	**5.6**	**11**	ND<1	ND<1	ND<1	ND<1	ND<1
8-Aug-07	**610**	**44**	**170**	**33**	1.5	ND<1	ND<1	**9.3**	3	**6.9**	ND<1	ND<1	ND<1	ND<1	ND<1
12-Sep-07	**220**	**19**	**170**	**6.1**	1.9	ND<1	ND<1	**8.1**	**14**	**8.2**	ND<1	0.84	ND<1	ND<1	ND<1
3-Oct-07	1.9	**20**	**11**	ND<1	2.1	1	0.61	ND<1	4.7	**9.9**	ND<1	ND<1	ND<1	ND<1	ND<1
28-Nov-07	**8.2**	2.6	3.7	ND<1	0.83	ND<1	ND<1	2.5	2.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Dec-07	**160**	**88**	**26**	1.3	ND<1	ND<1	ND<1	0.55	2.4	**6.6**	ND<1	ND<1	ND<1	ND<1	ND<1
16-Jan-08	ND<1	**13**	4.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	**3.1**	ND<1	ND<1	ND<1	ND<1	ND<1
5-Feb-08	**6.6**	**130**	**30**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	**11**	ND<1	ND<1	ND<1	ND<1	ND<1
10-Mar-08	**62**	**23**	**160**	1.3	0.91	0.53	ND<1	1.1	1.4	**11**	ND<1	ND<1	ND<1	ND<1	ND<1
17-Apr-08	**6**	**190**	**83**	ND<1	1.7	ND<1	ND<1	1.4	1.1	**45**	ND<1	ND<1	ND<1	ND<1	ND<1
6-May-08	**12**	**120**	**140**	4.4	ND<1	ND<1	ND<1	2.9	ND<1	**26**	ND<1	ND<1	ND<1	ND<1	ND<1
27-May-08	ND<1	1.6	1.2	ND<1	ND<1	ND<1	ND<1	4	1.1	**1.2**	ND<1	ND<1	ND<1	ND<1	ND<1
17-Jun-08	**410**	**59**	**80**	**9.5**	ND<1	ND<1	ND<1	3.1	ND<1	**5.8**	ND<1	ND<1	ND<1	ND<1	ND<1
30-Jul-08	**42**	**88**	**24**	ND<1	1.5	ND<1	ND<1	ND<1	ND<1	**5.1**	ND<1	ND<1	ND<1	ND<1	ND<1
12-Aug-08	**170**	**86**	**17**	2.1	ND<1	ND<1	ND<1	ND<1	ND<1	**2.8**	ND<1	ND<1	ND<1	ND<1	ND<1
17-Sep-08	**16**	**6.6**	**8.4**	ND<1	2.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
The FRWs were restarted on September 22, 2008															
23-Oct-08	**140**	**12**	**9.4**	ND<1	4.1	2.7	ND<1	ND<1	**15**	ND<1	**9.2**	ND<1	ND<1	ND<1	ND<1
20-Nov-08	**110**	**10**	**14**	ND<1	**6**	3.6	ND<1	ND<1	**44**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Dec-08	**20**	**6.7**	**340**	ND<1	2.2	1.3	ND<1	ND<1	**66**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
20-Jan-09	**130**	**37**	**72**	ND<1	**7.5**	4.2	ND<1	ND<1	**19**	4.7	ND<1	ND<1	1.2	1.2	ND<1
Feb-09 [2/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
18-Mar-09	**270**	**10**	**12**	ND<1	2.0	1.1	ND<1	ND<1	**29**	ND<1	ND<1	ND<1	1.3	ND<1	ND<1
28-Apr-09	**110**	**7.7**	**7.2**	ND<1	1.8	0.67	ND<1	ND<1	**5.7**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
May-09 [3/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
16-Jun-09	**110**	ND<1	**8.2**	ND<1	1.7	1.0	ND<1	ND<1	1.4	ND<1	ND<1	ND<1	1.1	ND<1	4.4
28-Jul-09	**540**	**15**	**100**	ND<1	ND<1	1.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
19-Aug-09	**130**	**4.0**	**10**	ND<1	2.6	1.4	ND<1	ND<1	1.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
16-Sep-09	**110**	**12.0**	**50**	ND<1	2.3	1.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
20-Oct-09	**82**	3.6	4.6	ND<1	2.3	1.5	ND<1	ND<1	1.6	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Nov-09	**93**	5.8	**45**	ND<1	3.4	2.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
29-Dec-09 [4/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.

1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were not established.
2. FSP&T and FP&T systems were not operating after February 8, 2009 due to a system computer malfunction, thus the recovery wells were not sampled during February 2009.
3. The FP&T recovery wells were not sampled during the month of May because the FSP&T system control computer became unresponsive during the sampling event, shutting down both the FSP&T and FP&T systems.
4. The FP&T recovery wells were not sampled during the month of December because the FSP&T system was inoperable during the scheduled sapmling event.

PCE- TETRACHLOROETHYLENE
TCA - 1,1,1-TRICHLOROETHANE
11 2-TCA - 1,1,2-TRICHLOROETHANE
TCE - TRICHLOROETHENE
12DCE - cis1,2-DICHLOROETHENE
MTBE - METHYL TERTIARY-BUTYL ETHER
VC - VINYL CHLORIDE
T12DCE - trans 1,2 DICHLOROETHENE
1,2,4TMB - 1,2,4-Trimethylbenzene
CM - Chloromethane
NPB - n PROPYLBENZENE
O-XYL - O-XYLENE
11DCA - 1,1 DICHLOROETHANE
IPB - ISOPROPYLBENZENE
4-IPT - 4-ISOPROPYLTOLUENE
-- - NOT ANALYZED
SSB - SEC-BUTYLBENZENE
1,3,5TMB - 1,3,5-Trimethylbenzene
NS - Not Sampled

TABLE 15

2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

Recovery Well FRW-4 VOC Concentrations, micrograms per liter

FRW-4											
Date	**PCE**	**TCE**	**12DCE**	**TCA**	**IPB**	**NPB**	**124TMB**	**135TMB**	**TOLUENE**	**VC**	**BUTAN**
ARARs	**5**	**5**	**5**	**5**	**5** [1/]	**5** [1/]	**5** [1/]	**5** [1/]	**5**	**1** [1/]	**50** [2/]
10-Jan-07	**51**	1.7	**12**	0.97	ND<1	ND<1	ND<1	ND<1	1.4	**2.2**	ND<1
7-Mar-07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
28-Mar-07	ND<1	0.90	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
3-Apr-07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
1-May-07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
7-Jun-07	**8.0**	ND<1	2.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	**120**
12-Jul-07	2.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
8-Aug-07	4.8	2.5	**5.4**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Sep-07	**6.9**	ND<1	**9**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	**1.3**	ND<1
3-Oct-07	4.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
28-Nov-07	0.78	ND<1	1.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Dec-07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
16-Jan-08	3.3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
5-Feb-08	**13**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
10-Mar-08	2.3	0.99	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Apr-08	3.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
27-May-08	ND<1	4.3	**5.5**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Jun-08	**6.4**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
30-Jul-08	5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Aug-08	**14**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Sep-08	**18**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
The FRWs were restarted on September 22, 2008											
23-Oct-08	**24**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
20-Nov-08	**14**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
23-Dec-08	**210**	**5.5**	**32**	ND<1	ND<1	ND<1	ND<1	ND<1	1.2	ND<1	ND<1
20-Jan-09	**40**	1.6	4.3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Feb-09 [3/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
18-Mar-09	**17**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
28-Apr-09	**11**	ND<1	ND<1	ND<1	ND<1	0.62	ND<1	ND<1	ND<1	ND<1	ND<1
May-09 [4/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
16-Jun-09	**8.0**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
28-Jul-09	**9.2**	ND<1	ND<1	ND<1	ND<1	0.54	ND<1	ND<1	ND<1	ND<1	ND<1
19-Aug-09	4.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
16-Sep-09	**5.3**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
20-Oct-09	**5.7**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Nov-09	4.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
29-Dec-09 [4/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.

1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were not established.
2. An NYSDEC ambient water quality standard is not established for this compound so the NYSDEC guidance value is presented.
3. FSP&T and FP&Tsystems were not operating after February 8, 2009 due to a system computer malfunction, thus the recovery wells were not sampled during February 2009.
4. The FP&T recovery wells were not sampled during the month of May because the FSP&T system control computer became unresponsive during the sampling event, shutting down both the FSP&T and FP&T systems.
4. The FP&T recovery wells were not sampled during the month of December because the FSP&T system was inoperable during the scheduled sapmling event.

PCE- TETRACHLOROETHYLENE
TCA - 1,1,1-TRICHLOROETHANE
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12DCE - cis1,2-DICHLOROETHENE
MTBE - METHYL TERTIARY-BUTYL ETHER
NPB - n PROPYLBENZENE
124TMB - 1,2,4-TRIMETHYLBENZENE
135TMB - 1,3,5-TRIMETHYLBENZENE
IPB - ISOPROPYLBENZENE
4-IPT - 4-ISOPROPYLTOLUENE
BUTAN - 2-BUTANONE (METHYL ETHYL KETONE)
-- - NOT ANALYZED
VC - VINYL CHLORIDE
NS - Not Sampled

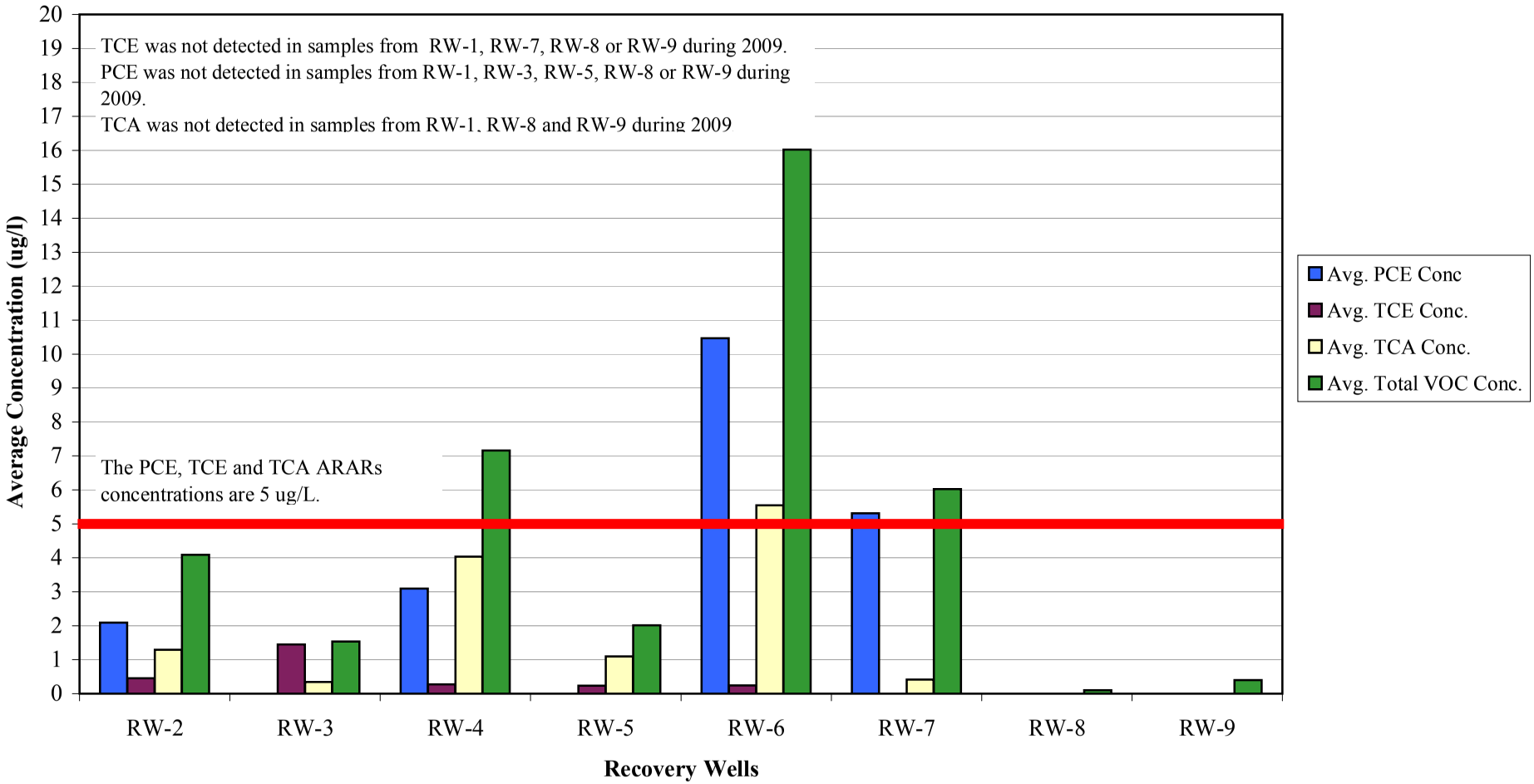
-

GRAPHS

GRAPH 1

2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

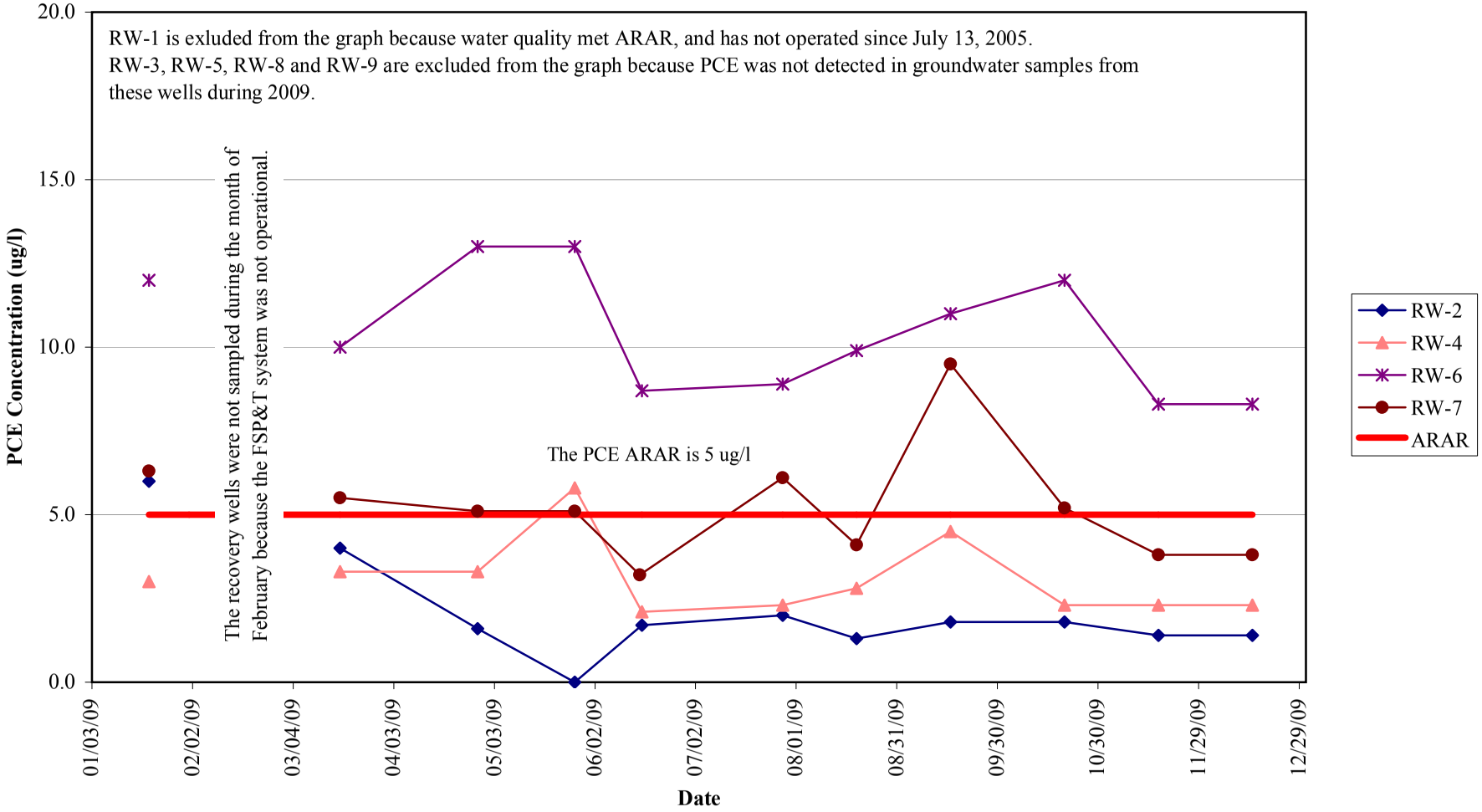
FSP&T Annual Average PCE, TCE, TCA and Total VOC Concentrations in Samples from Recovery Wells



GRAPH 2

2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

FSP&T Monthly PCE Concentrations in Groundwater Samples from Select Recovery Wells



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Annual 2009 DischargeWaterQuality -2.xls
Graph 2

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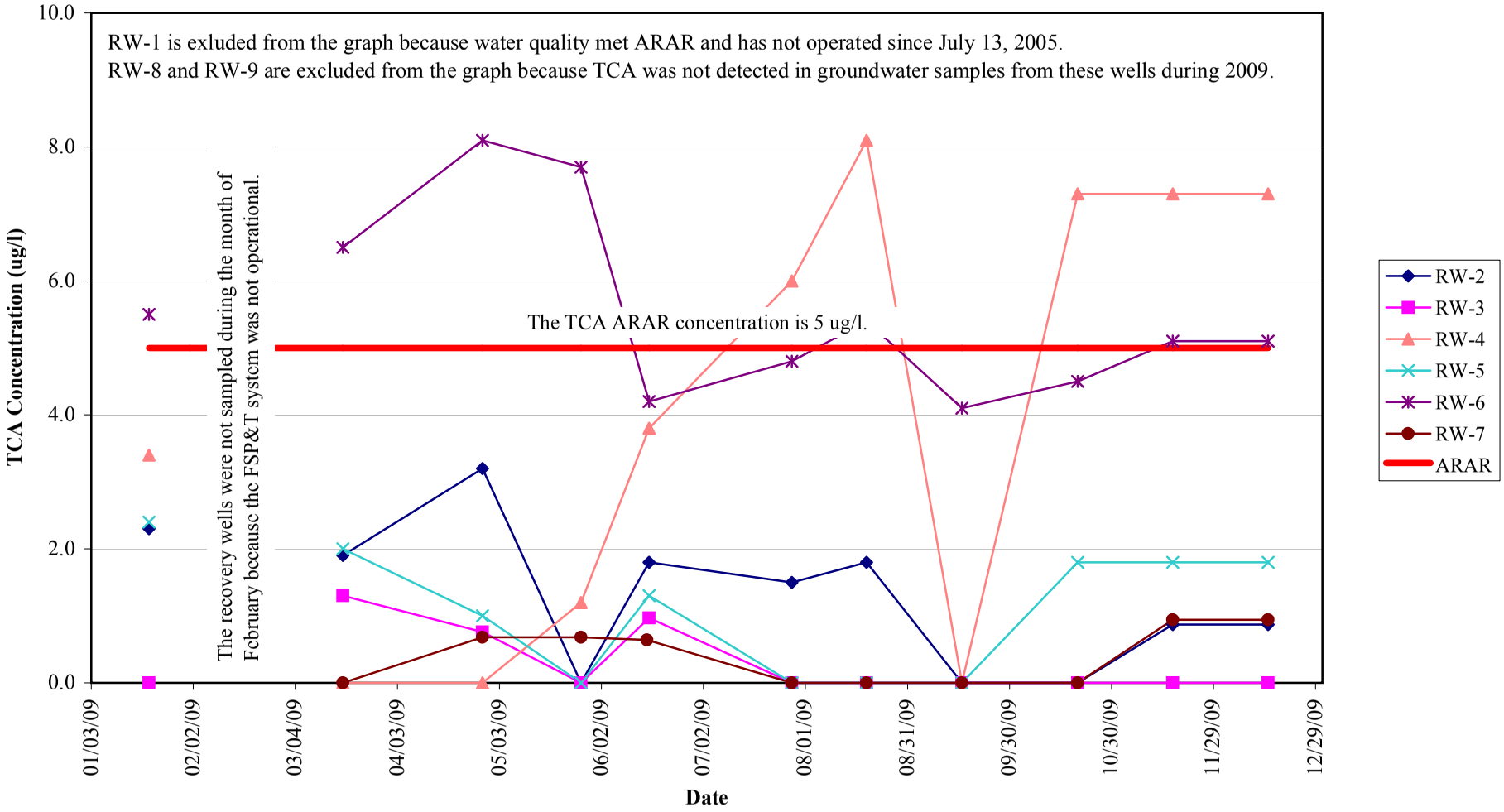
GRAPH 3

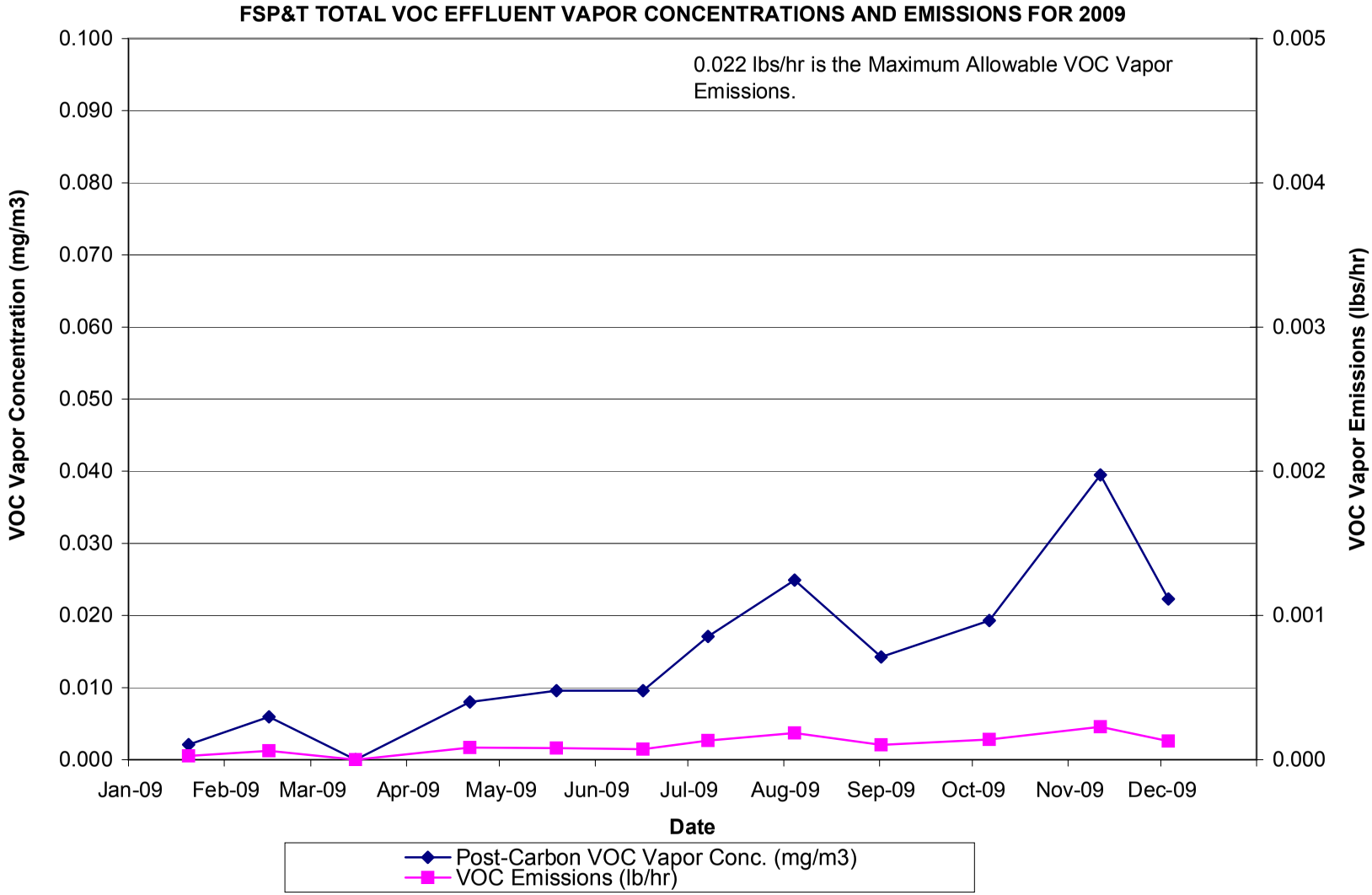
2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

FSP&T Monthly TCA Concentrations in Groundwater Samples from Select Recovery Wells



GRAPH 4

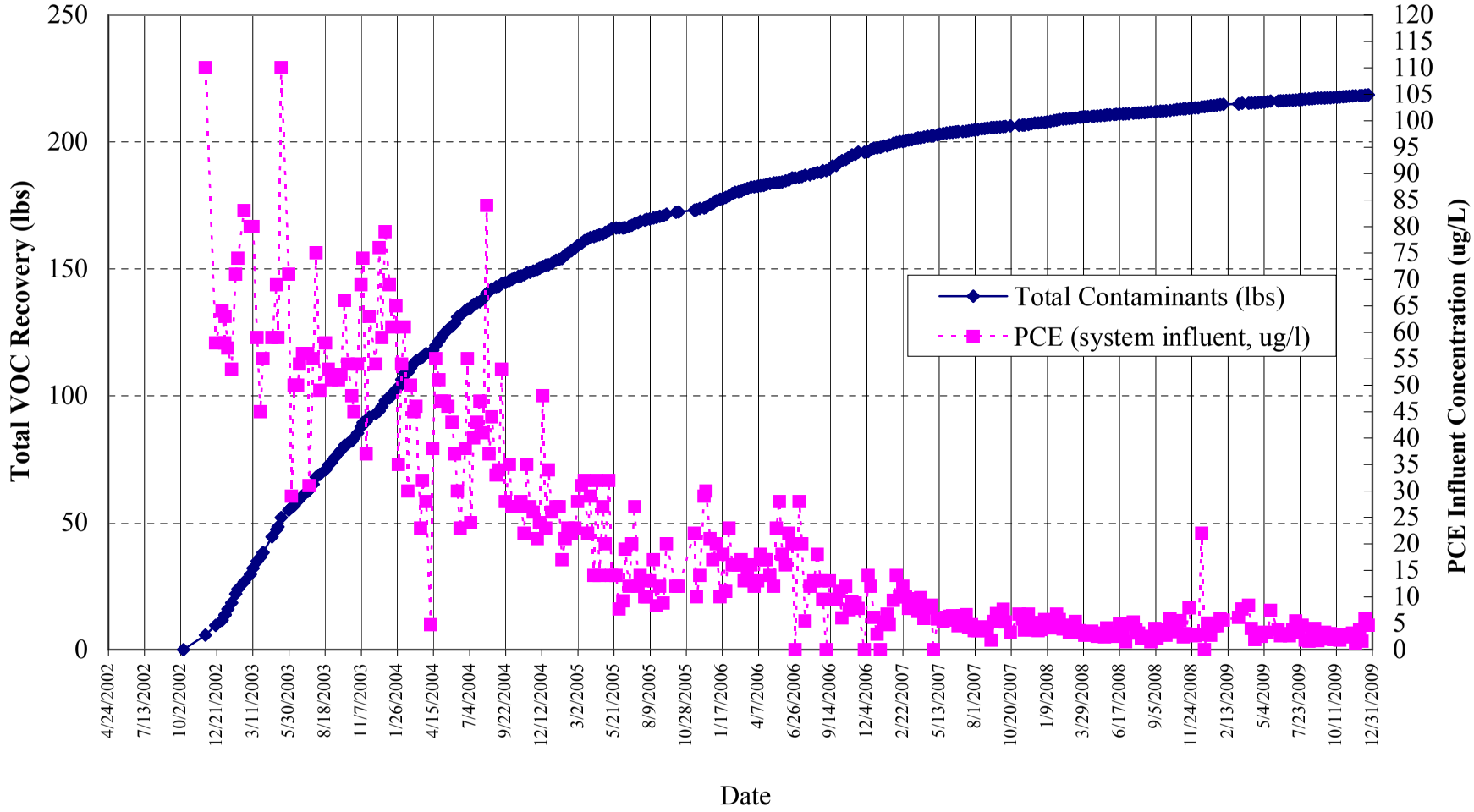
2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK



GRAPH 5

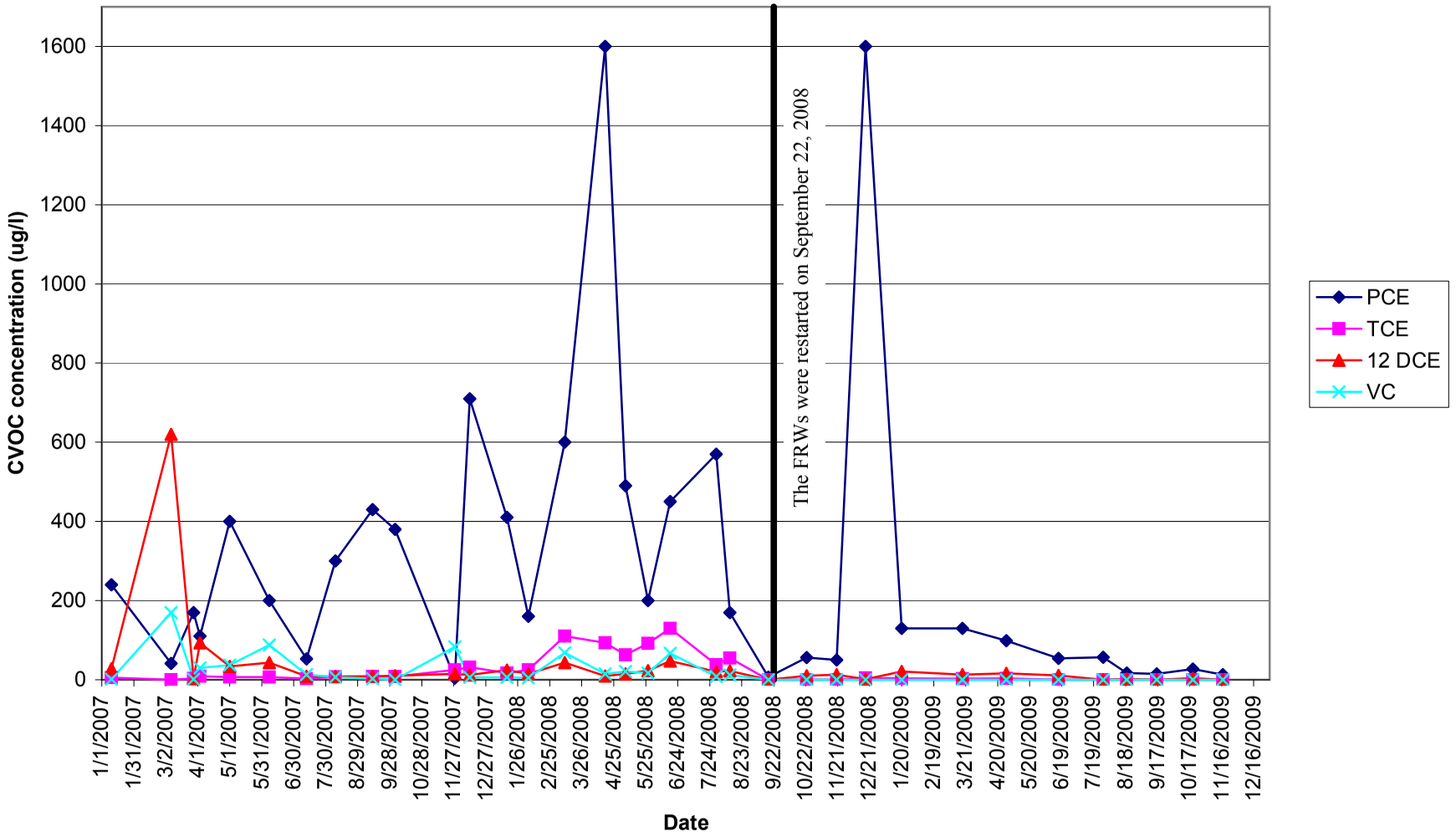
2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

Cumulative VOC Recovery by Groundwater System vs. Time



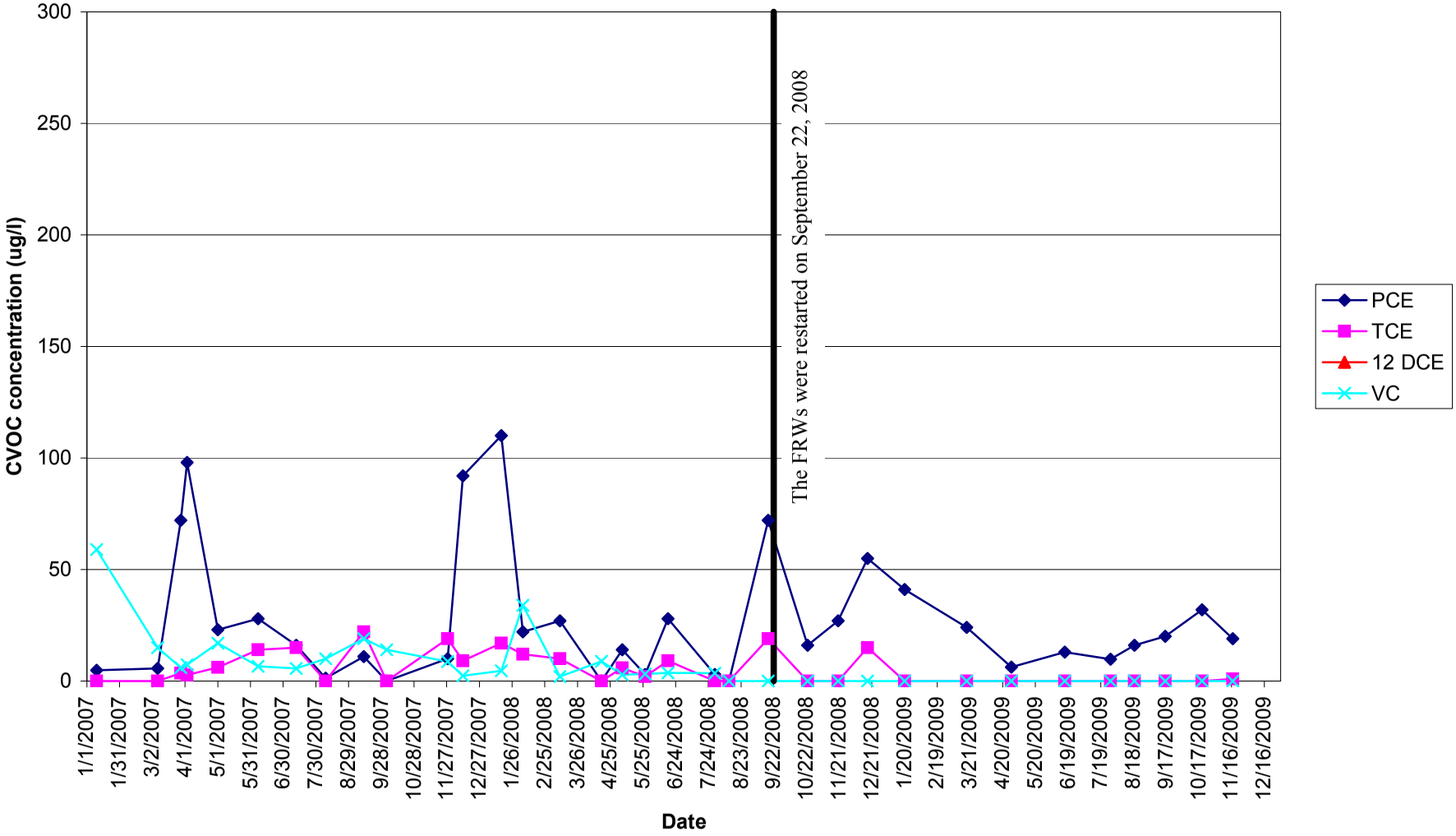
GRAPH 6
2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

VOC CONCENTRATIONS FOR FP&T FRW-1



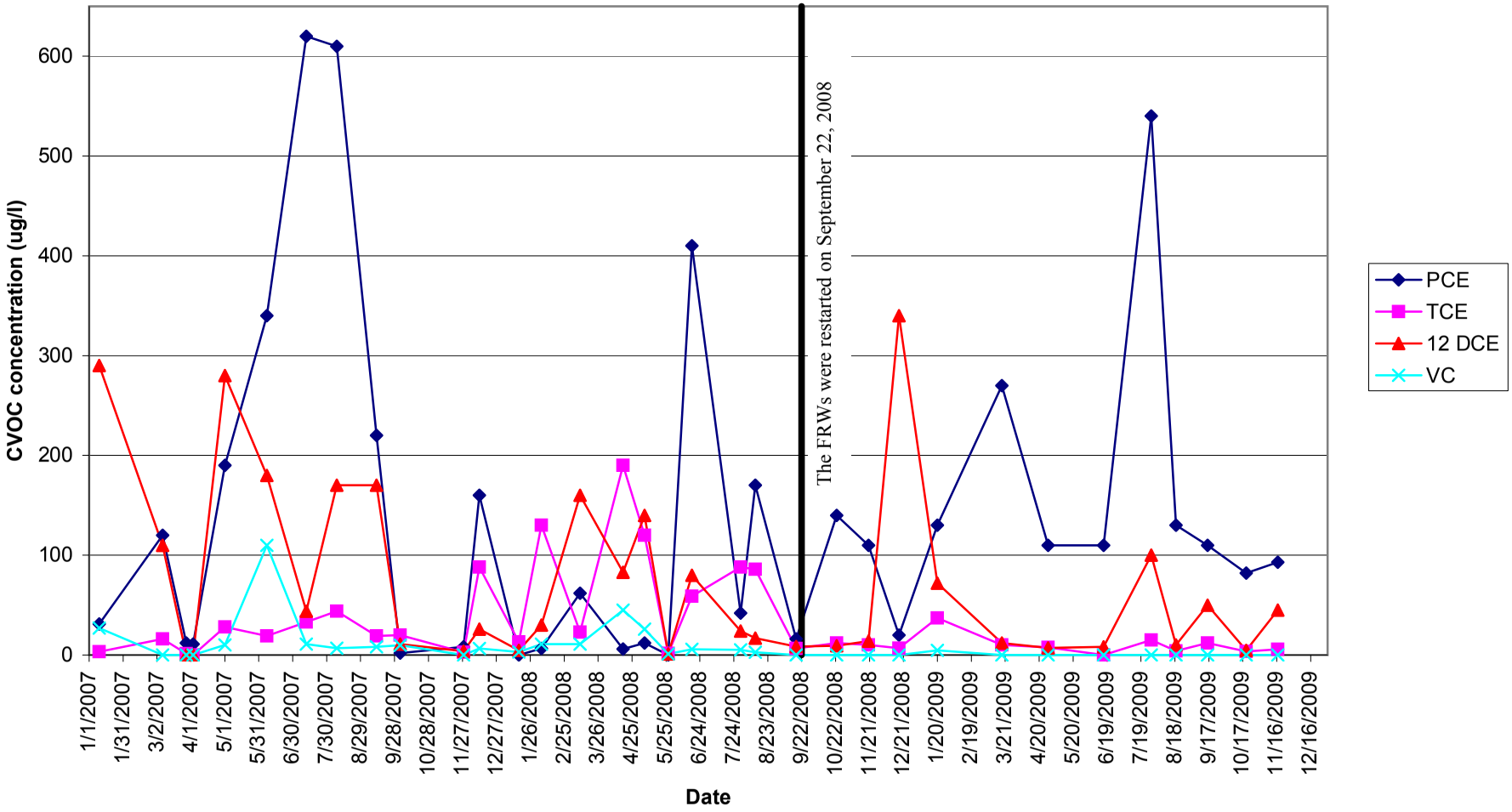
GRAPH 7
2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

VOC CONCENTRATIONS FOR FP&T FRW-2



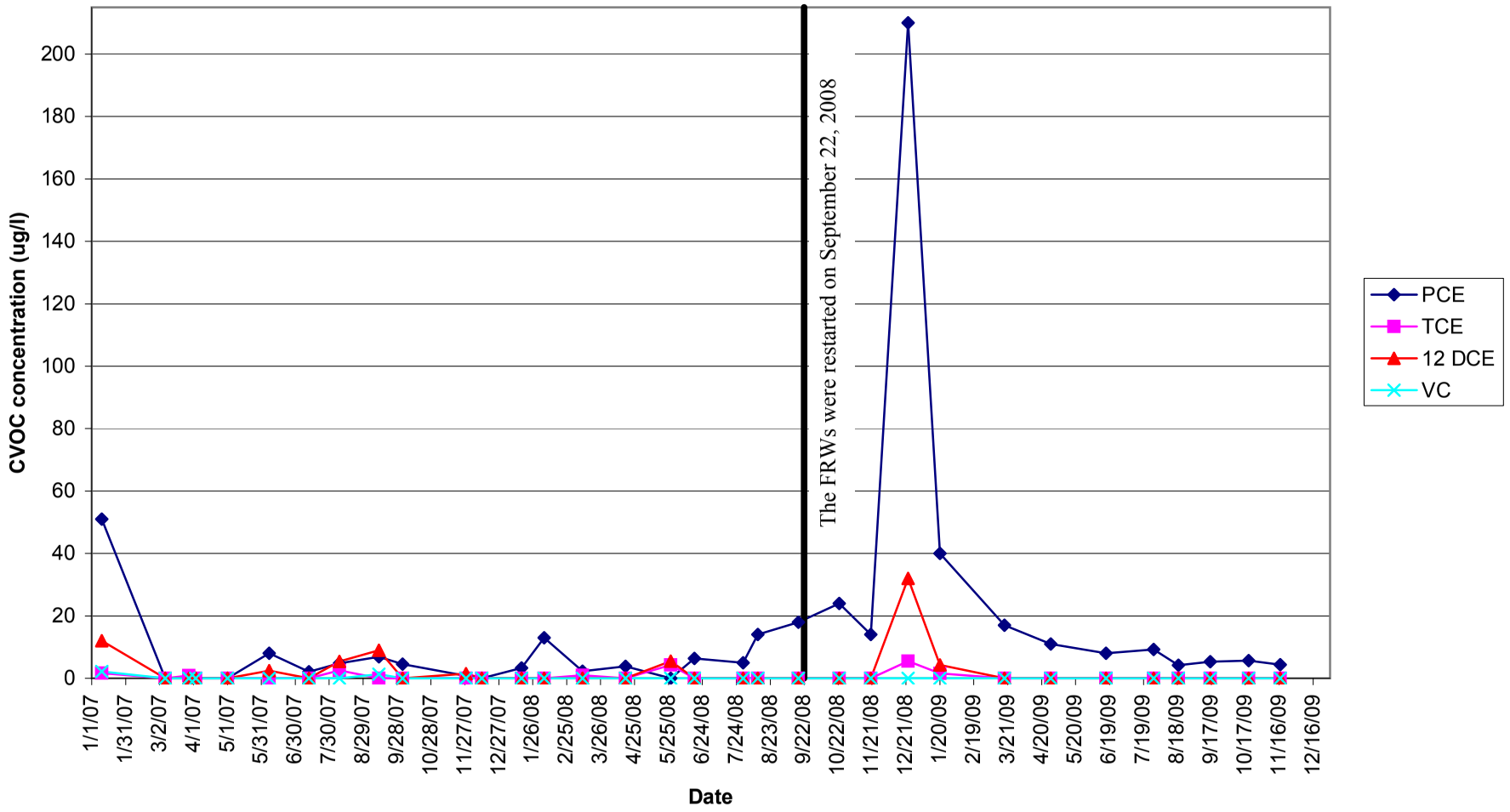
GRAPH 8
2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

VOC CONCENTRATIONS FOR FP&T FRW-3



GRAPH 9
GROUNDWATER REMEDIAL 2009 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CONCENTRATIONS FOR FP&T FRW-4



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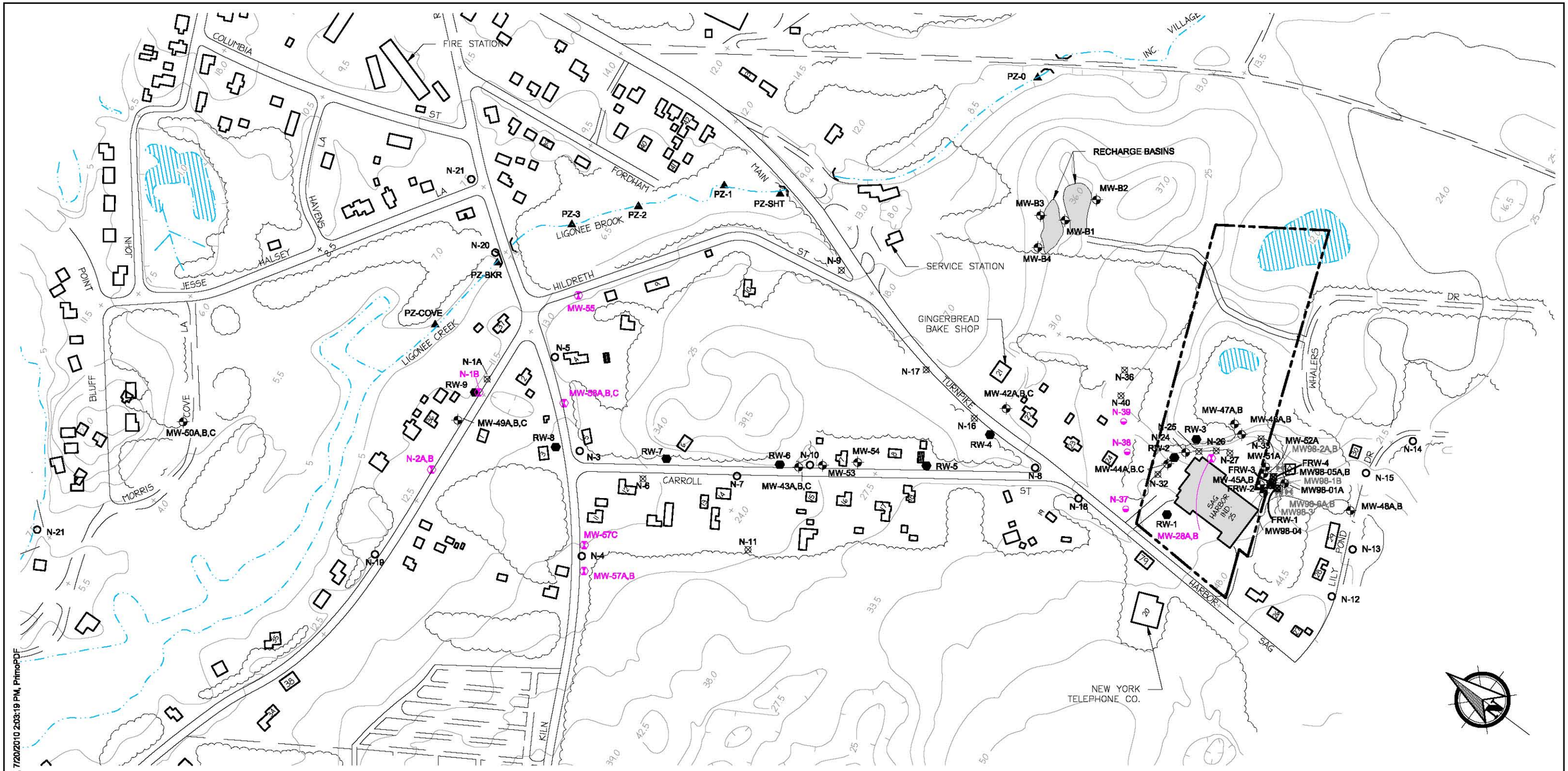
FIGURES



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LEGEND

N-36	LOCATED SCDHS WELL
N-37	REPAIRED SCDHS WELL
N-13	UNLOCATED SCDHS WELL
2	PROPERTY OWNERS WELL
PZ-2	PIEZOMETER
MW-43A	WELL(S) CONSTRUCTED FOR RI/FS
RW-1	RECOVERY WELL
MW-55	2004 MONITOR WELL
MW98-1B	DECOMMISSIONED WELLS OR DESTROYED WELLS

NOTE:
1. MW98 MONITOR WELL LOCATIONS ARE APPROXIMATE.

0 300
SCALE IN FEET

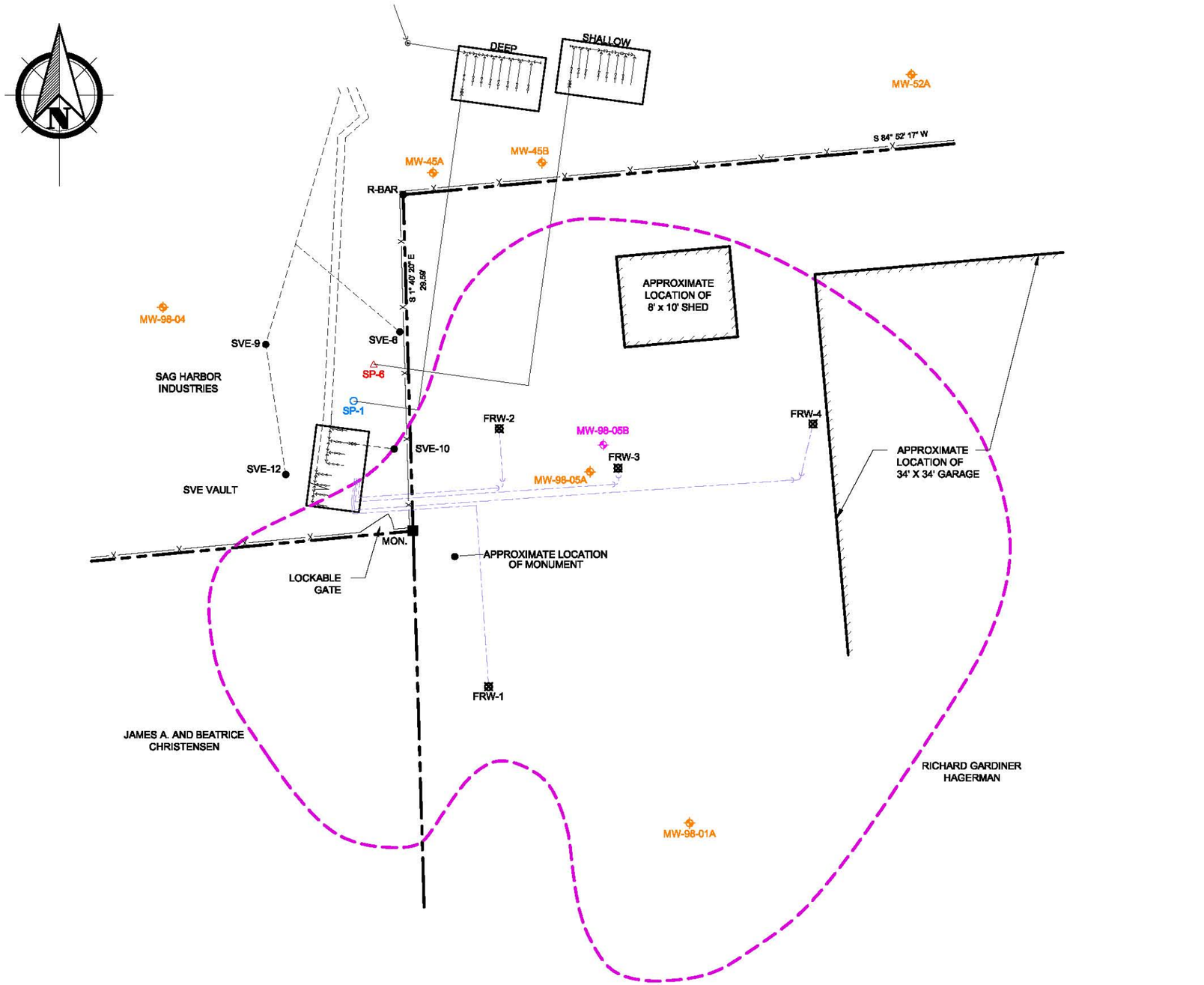
GROUNDWATER REMEDIAL ACTION
FORMER ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

SITE MAP

DATE	REVISED

PREPARED BY: LBG ENGINEERING SERVICES, P.C.
Professional Environmental and Civil Engineers
4 Research Drive
Suite 301
Shelton, Connecticut 06484
(203) 929-8555

DRAWN:	CHECKED:	DATE:	FIGURE:
RAC	TS	03/01/10	1



LEGEND

- PROPERTY BOUNDARY
- CHAIN LINK FENCE
- APPROXIMATE LOCATION OF BELOW GRADE SVE PIPING
- APPROXIMATE LOCATION OF BELOW GRADE AIR SPARGE PIPING
- APPROXIMATE LOCATION OF FOCUSED REMEDIATION GROUNDWATER RECOVERY PIPING
- APPROXIMATE EXTENT OF SHALLOW CLAY LENS
- MW-98-05B — GROUNDWATER MONITOR WELL LOCATION
- SP-10 — SHALLOW AIR SPARGE WELL LOCATION
- SP-5 — DEEP AIR SPARGE WELL LOCATION
- SVE-9 — SVE WELL LOCATION
- FRW-3 — FOCUSED REMEDIATION RECOVERY WELL LOCATION
- MW-52A — MONITOR WELLS IDENTIFIED ON WORK PLAN TO CHECK WATER LEVELS

0 10
SCALE IN FEET

GROUNDWATER REMEDIAL ACTION
FORMER ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FORMER DRUM STORAGE AREA SITE MAP

DATE	REVISED

PREPARED BY: LBG ENGINEERING SERVICES, P.C.
Professional Environmental and Civil Engineers
4 Research Drive
Suite 301
Shelton, Connecticut 06484
(203) 929-8555

DRAWN:	RAC	CHECKED:	TS	DATE:	03/01/10	FIGURE:	2

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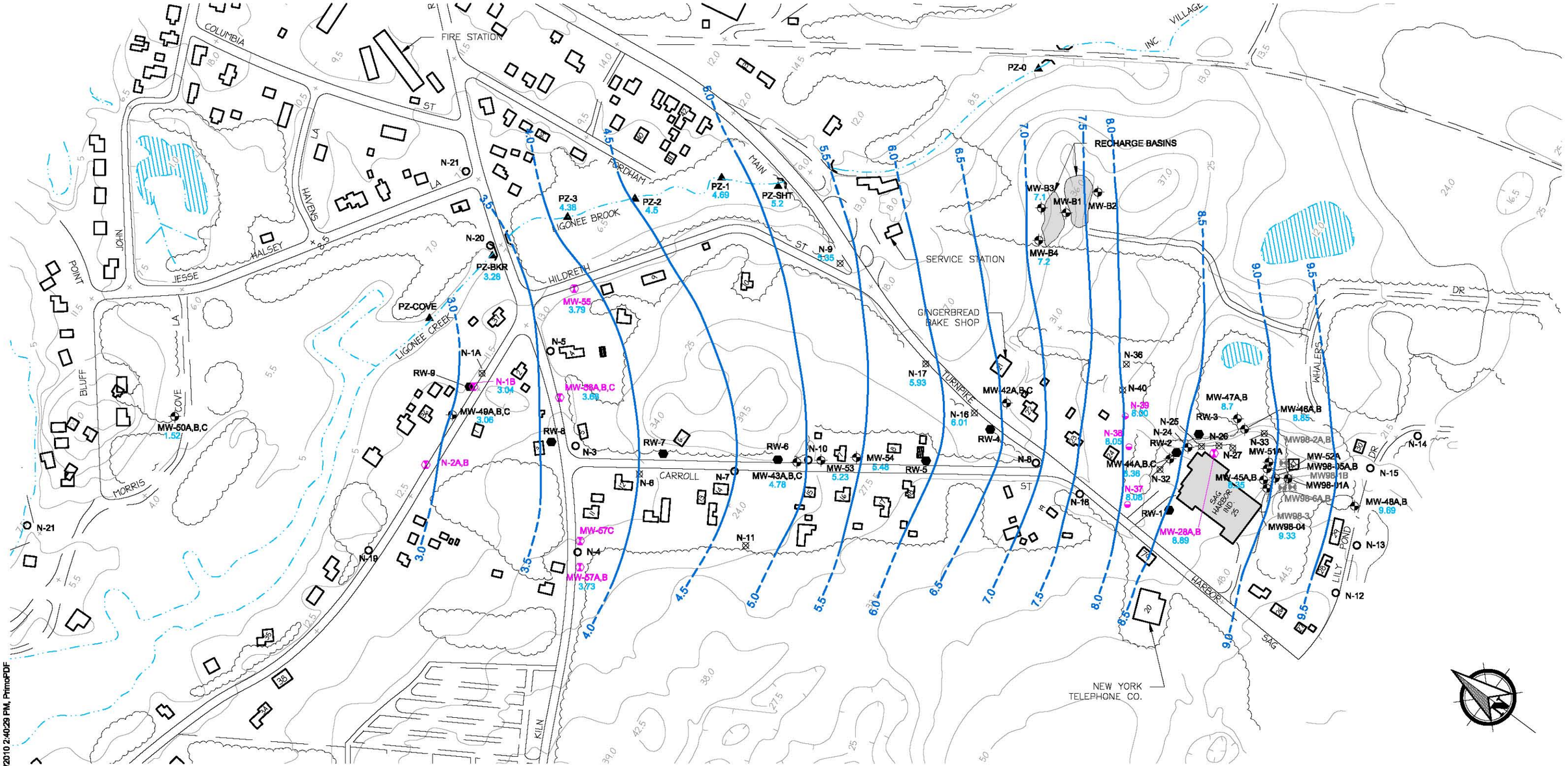

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LEGEND

N-36	LOCATED SCDHS WELL
N-37	REPAIRED SCDHS WELL
N-13	UNLOCATED SCDHS WELL
	PROPERTY OWNERS WELL
PZ-2	PIEZOMETER
MW-43A	WELL(S) CONSTRUCTED FOR RI/FS
RW-1	RECOVERY WELL
MW-55	2004 MONITOR WELL
MW98-1B	DECOMMISSIONED WELLS OR DESTROYED WELLS

3.5	GROUNDWATER ELEVATION CONTOUR LINE (DASHED WHERE INFERRED)
3.73	GROUNDWATER ELEVATION IN FEET

NOTE:
1. MW98 MONITOR WELL LOCATIONS ARE APPROXIMATE.

0 300
SCALE IN FEET

GROUND-WATER REMEDIAL ACTION
FORMER ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FEBRUARY 24, 2009 GROUNDWATER ELEVATION CONTOUR MAP
CONDITIONS WITHOUT FSP&T AND FP&T SYSTEMS OPERATING

DATE	REVISED

PREPARED BY: LBG ENGINEERING SERVICES, P.C.
Professional Environmental and Civil Engineers
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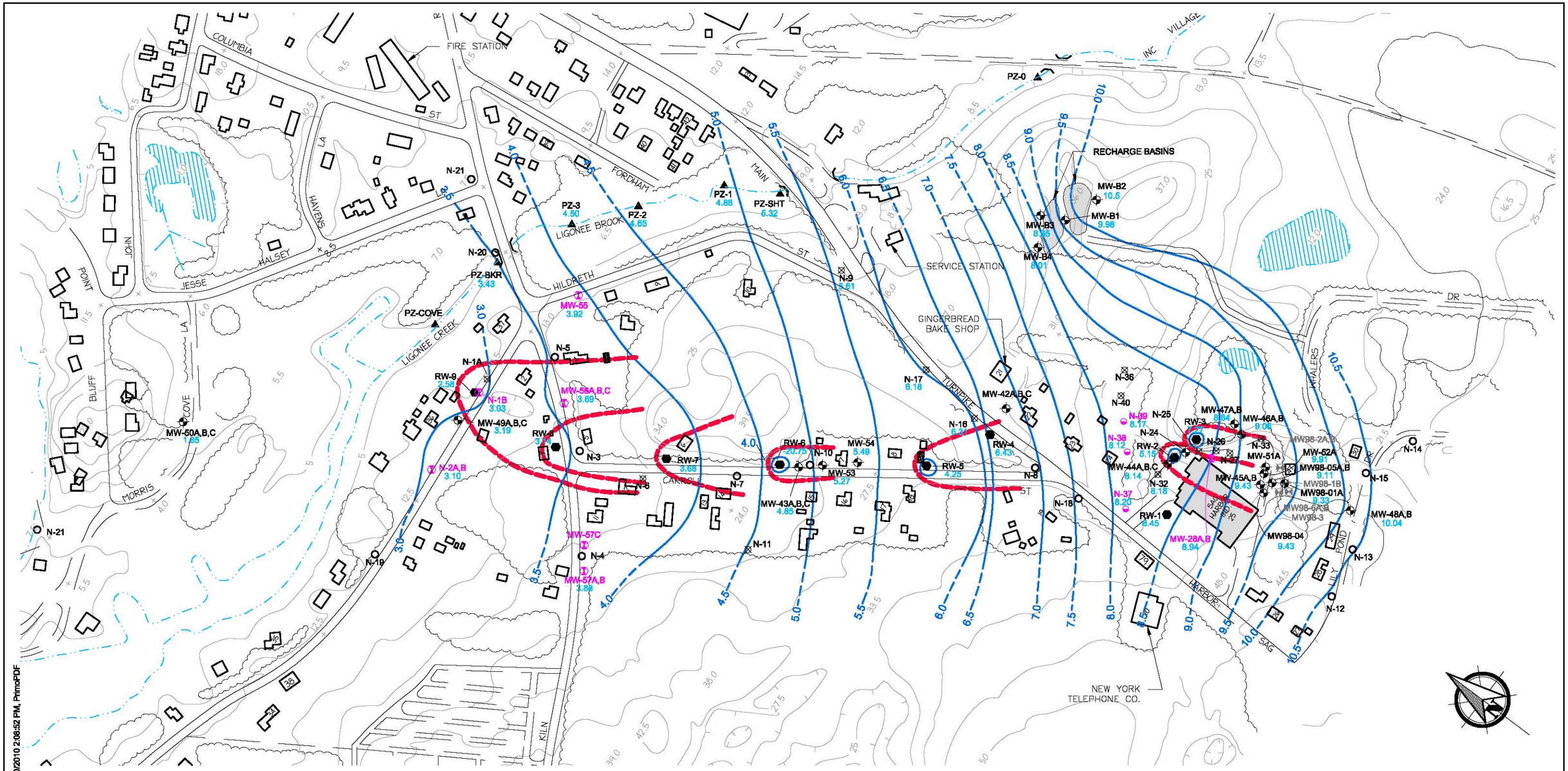
Shelton, Connecticut 06484
(203) 929-8555

DRAWN:	CHECKED:	DATE:	FIGURE:
RAC	TS	03/29/10	3



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LEGEND

N-36	LOCATED SCDHS WELL
N-37	REPAIRED SCDHS WELL
N-13	UNLOCATED SCDHS WELL
2	PROPERTY OWNERS WELL
PZ-2 ▲	PIEZOMETER
MW-43A	WELL(S) CONSTRUCTED FOR RI/FS
RW-1	RECOVERY WELL
MW-55	2004 MONITOR WELL
MW98-1B	DECOMMISSIONED WELLS OR DESTROYED WELLS
3.5	GROUNDWATER ELEVATION CONTOUR LINE (DASHED WHERE INFERRED)
3.26	GROUNDWATER ELEVATION IN FEET
	APPROXIMATE CAPTURE ZONE

NOTE:
1. MW98 MONITOR WELL LOCATIONS ARE APPROXIMATE.
2. RW-4 WAS OFF FOR MAINTENANCE DURING THE MONITORING EVENT.

0 300
SCALE IN FEET

GROUNDWATER REMEDIAL ACTION
FORMER ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

MARCH 17, 2009 GROUNDWATER ELEVATION CONTOUR MAP AND CAPTURE ZONE, CONDITIONS WITH FSP&T AND FP&T SYSTEMS OPERATING

DATE	REVISED

PREPARED BY:
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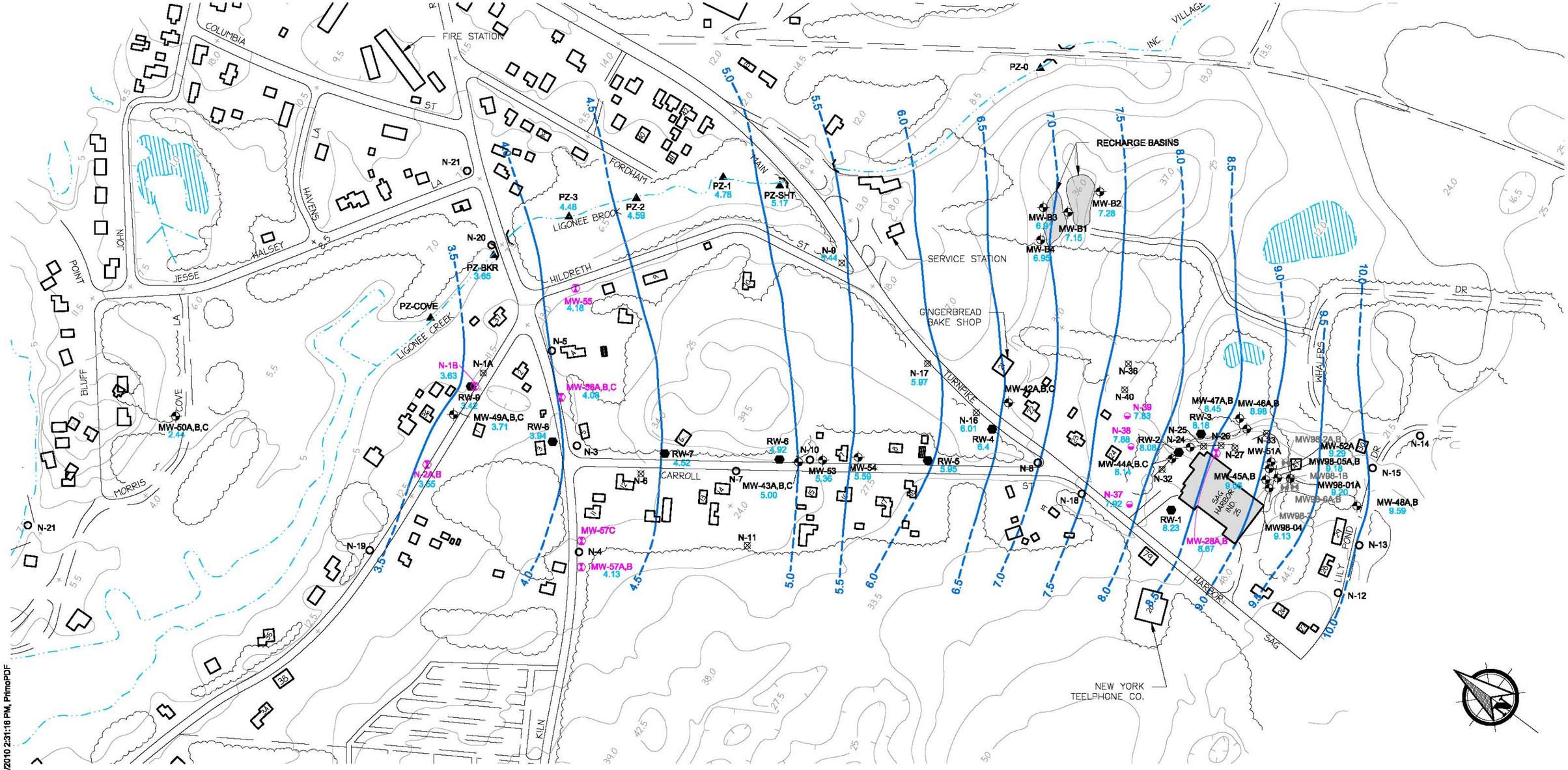
DRAWN:	RAC	CHECKED:	TS	DATE:	05/17/10	FIGURE:	4



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LEGEND

N-36	LOCATED SCDHS WELL
N-37	REPAIRED SCDHS WELL
N-13	UNLOCATED SCDHS WELL
2	PROPERTY OWNERS WELL
PZ-2	PIEZOMETER
MW-43A	WELL(S) CONSTRUCTED FOR RI/FS
RW-1	RECOVERY WELL
MW-55	2004 MONITOR WELL
MW98-1B	DECOMMISSIONED WELLS OR DESTROYED WELLS

3.5	GROUNDWATER ELEVATION CONTOUR LINE (DASHED WHERE INFERRED)
3.88	GROUNDWATER ELEVATION IN FEET

NOTE:
1. MW98 MONITOR WELL LOCATIONS ARE APPROXIMATE.

0 300
SCALE IN FEET

GROUNDWATER REMEDIAL ACTION
FORMER ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

SEPTEMBER 15, 2009 GROUNDWATER ELEVATION CONTOUR MAP, CONDITIONS WITHOUT THE FSP&T AND FP&T SYSTEMS OPERATING

DATE	REVISED

PREPARED BY:
LBG ENGINEERING SERVICES, P.C.
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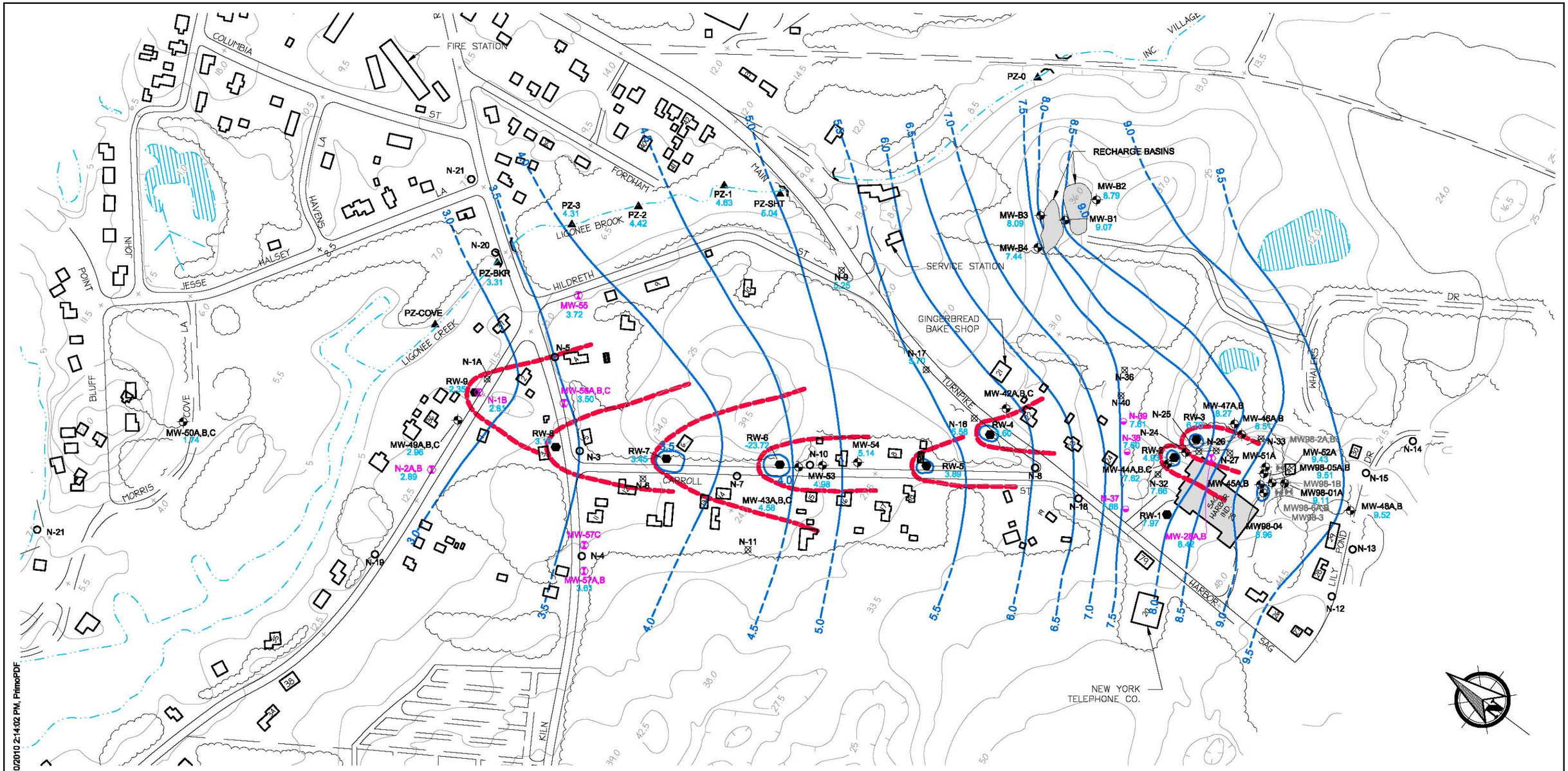
Suite 301
Shelton, Connecticut 06484
(203) 929-8555

DRAWN:	CHECKED:	DATE:	FIGURE:
RAC	TS	03/29/10	5



LEGEND

N-36	LOCATED SCDHS WELL
N-37	REPAIRED SCDHS WELL
N-13	UNLOCATED SCDHS WELL
2	PROPERTY OWNERS WELL
PZ-2 ▲	PIEZOMETER
MW-43A	WELL(S) CONSTRUCTED FOR RI/FS
RW-1	RECOVERY WELL
MW-55	2004 MONITOR WELL
MW98-1B	DECOMMISSIONED WELLS OR DESTROYED WELLS
3.5	GROUNDWATER ELEVATION CONTOUR LINE (DASHED WHERE INFERRED)
3.26	GROUNDWATER ELEVATION IN FEET
	APPROXIMATE CAPTURE ZONE

NOTE:
1. MW98 MONITOR WELL LOCATIONS ARE APPROXIMATE.

0 300
SCALE IN FEET

GROUNDWATER REMEDIAL ACTION
FORMER ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

SEPTEMBER 24, 2009 GROUNDWATER ELEVATION CONTOUR MAP AND CAPTURE ZONE, CONDITIONS WITH FSP&T AND FP&T SYSTEMS OPERATING

DATE	REVISED

PREPARED BY: LBG ENGINEERING SERVICES, P.C.
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Suite 301
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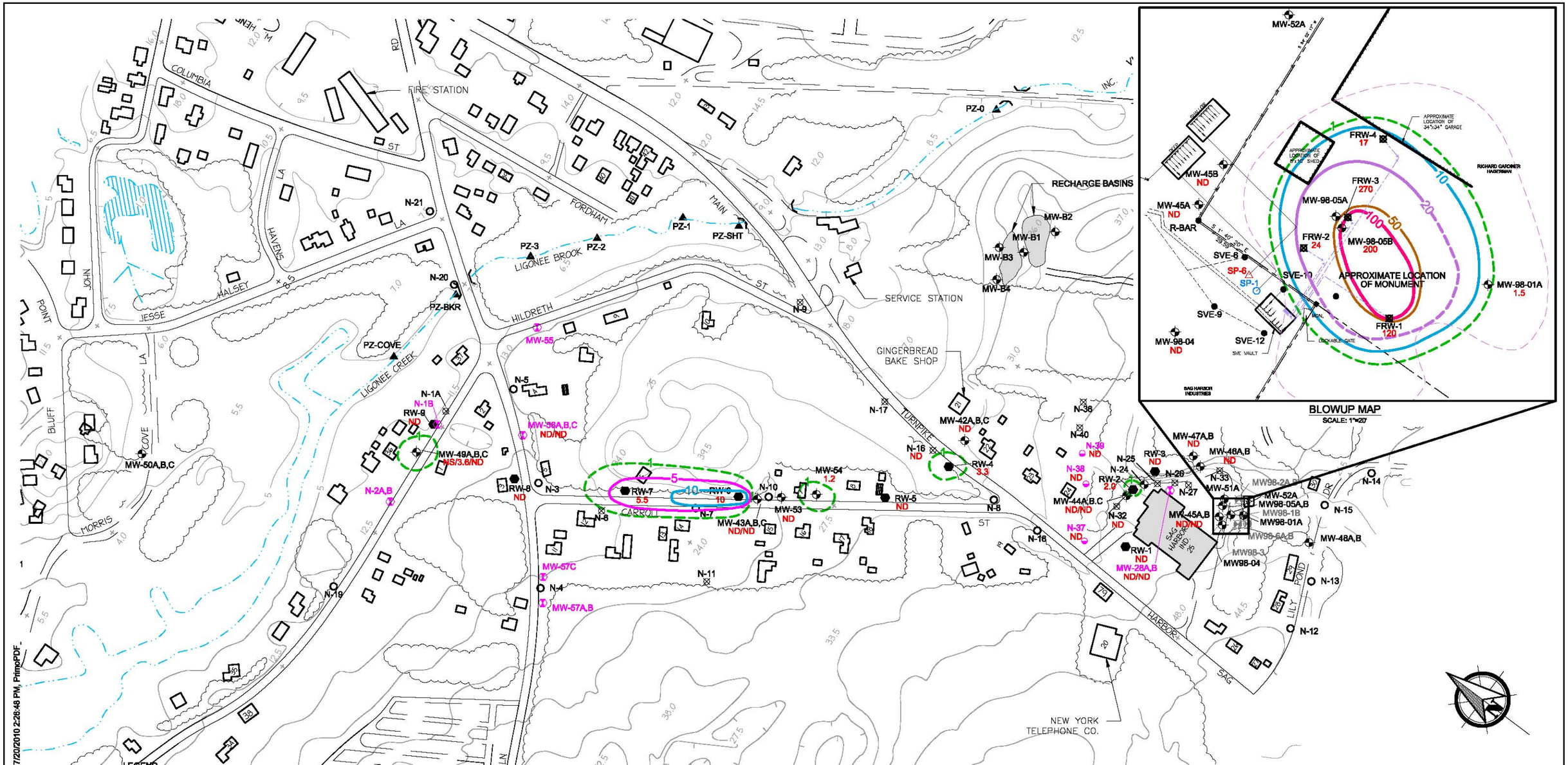
DRAWN:	CHECKED:	DATE:	FIGURE:
RAC	TS	05/17/10	6



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LEGEND

N-36	LOCATED SCDHS WELL
N-37	REPAIRED SCDHS WELL
N-13	UNLOCATED SCDHS WELL
2	PROPERTY OWNERS WELL
PZ-2 ▲	PIEZOMETER
MW-43A	WELL(S) CONSTRUCTED FOR RI/FS
RW-1	RECOVERY WELL
MW-55	2004 MONITOR WELL
MW98-1B	DECOMMISSIONED WELLS OR DESTROYED WELLS
FRW-3	FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
SP-6	SHALLOW AIR SPARGE WELL LOCATION
SP-1	DEEP AIR SPARGE WELL LOCATION
SVE-9	SVE WELL LOCATION
1.2	PCE CONCENTRATION (ppb)
ND	NOT DETECTED
NS	NOT SAMPLED
- - - - -	APPROXIMATE EXTENT OF SHALLOW CLAY LENS
1	PCE CONCENTRATION CONTOURS (ppb) (DASHED WHERE INFERRED)

NOTE:
1. MW98 MONITOR WELL LOCATIONS ARE APPROXIMATE.
2. THE APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENT (ARAR) FOR PCE FOR THIS SITE IS 5 (ppb).

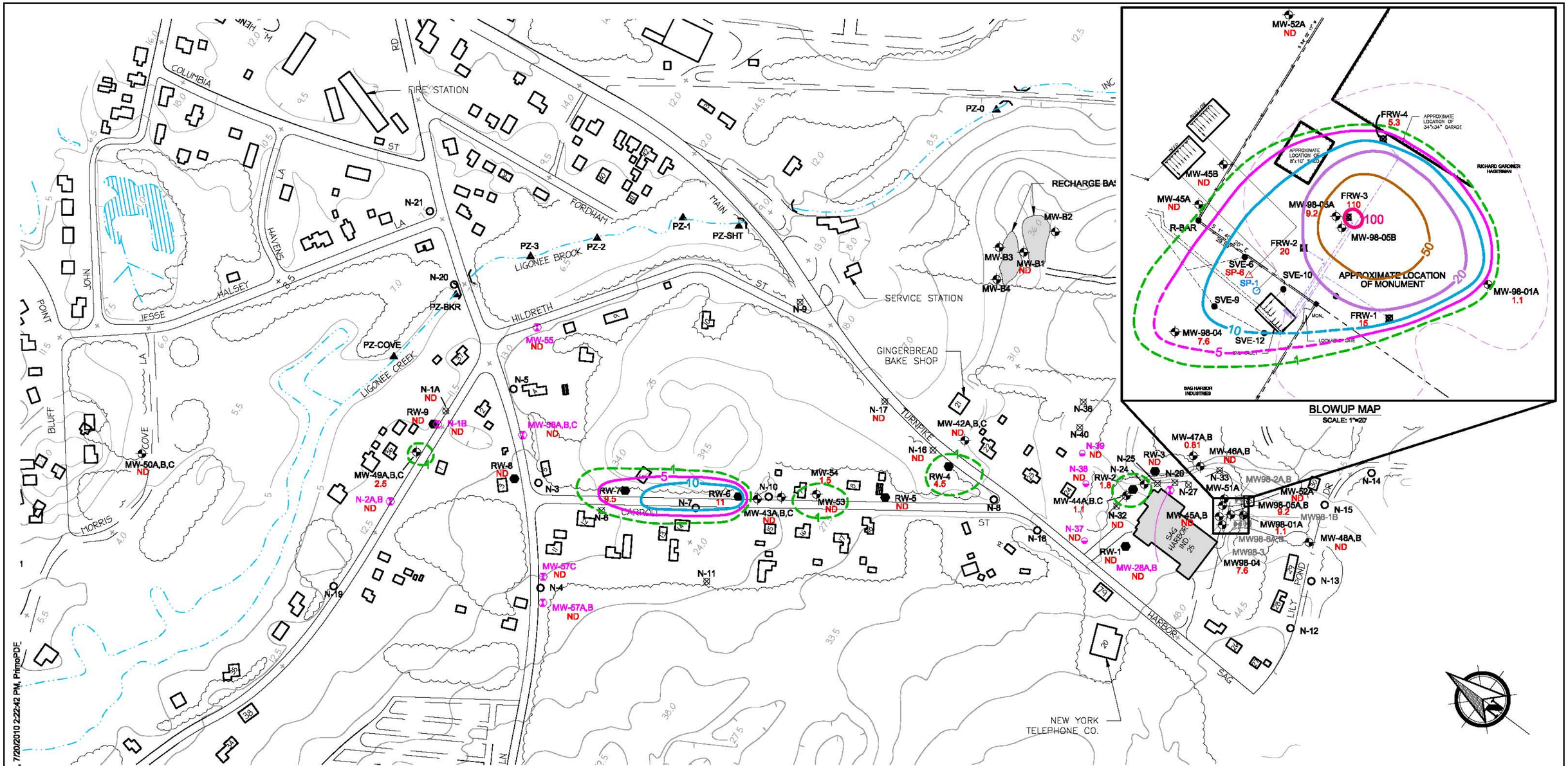
GROUNDWATER REMEDIAL ACTION
FORMER ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

MARCH 2009 PCE PLUME MAP

DATE	REVISED

PREPARED BY: LBG ENGINEERING SERVICES, P.C.
Professional Environmental and Civil Engineers
4 Research Drive
Suite 301
Shelton, Connecticut 06484
(203) 929-8555

DRAWN:	CHECKED:	DATE:	FIGURE:
RAC	TS	05/17/10	7



BLOWUP MAP
SCALE: 1"=20'

LEGEND

N-36	LOCATED SCDHS WELL
N-37	REPAIRED SCDHS WELL
N-13	UNLOCATED SCDHS WELL
	PROPERTY OWNERS WELL
PZ-2 ▲	PIEZOMETER
MW-43A	WELL(S) CONSTRUCTED FOR RI/FS
RW-1	RECOVERY WELL
MW-55	2004 MONITOR WELL
MW98-1B	DECOMMISSIONED WELLS OR DESTROYED WELLS
FRW-3	FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
SP-6 △	SHALLOW AIR SPARGE WELL LOCATION
SP-1 ○	DEEP AIR SPARGE WELL LOCATION
SVE-9 ●	SVE WELL LOCATION
4.5	PCE CONCENTRATION (ppb)
ND	NOT DETECTED
	APPROXIMATE EXTENT OF SHALLOW CLAY LENS
1	PCE CONCENTRATION CONTOURS (ppb) (DASHED WHERE INFERRED)

NOTE:
1. MW98 MONITOR WELL LOCATIONS ARE APPROXIMATE.
2. THE APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENT (ARAR) FOR PCE FOR THIS SITE IS 5 (ppb).

0 300
SCALE IN FEET

GROUNDWATER REMEDIAL ACTION
FORMER ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

SEPTEMBER 2009 PCE PLUME MAP

DATE	REVISED

PREPARED BY: LBG ENGINEERING SERVICES, P.C.
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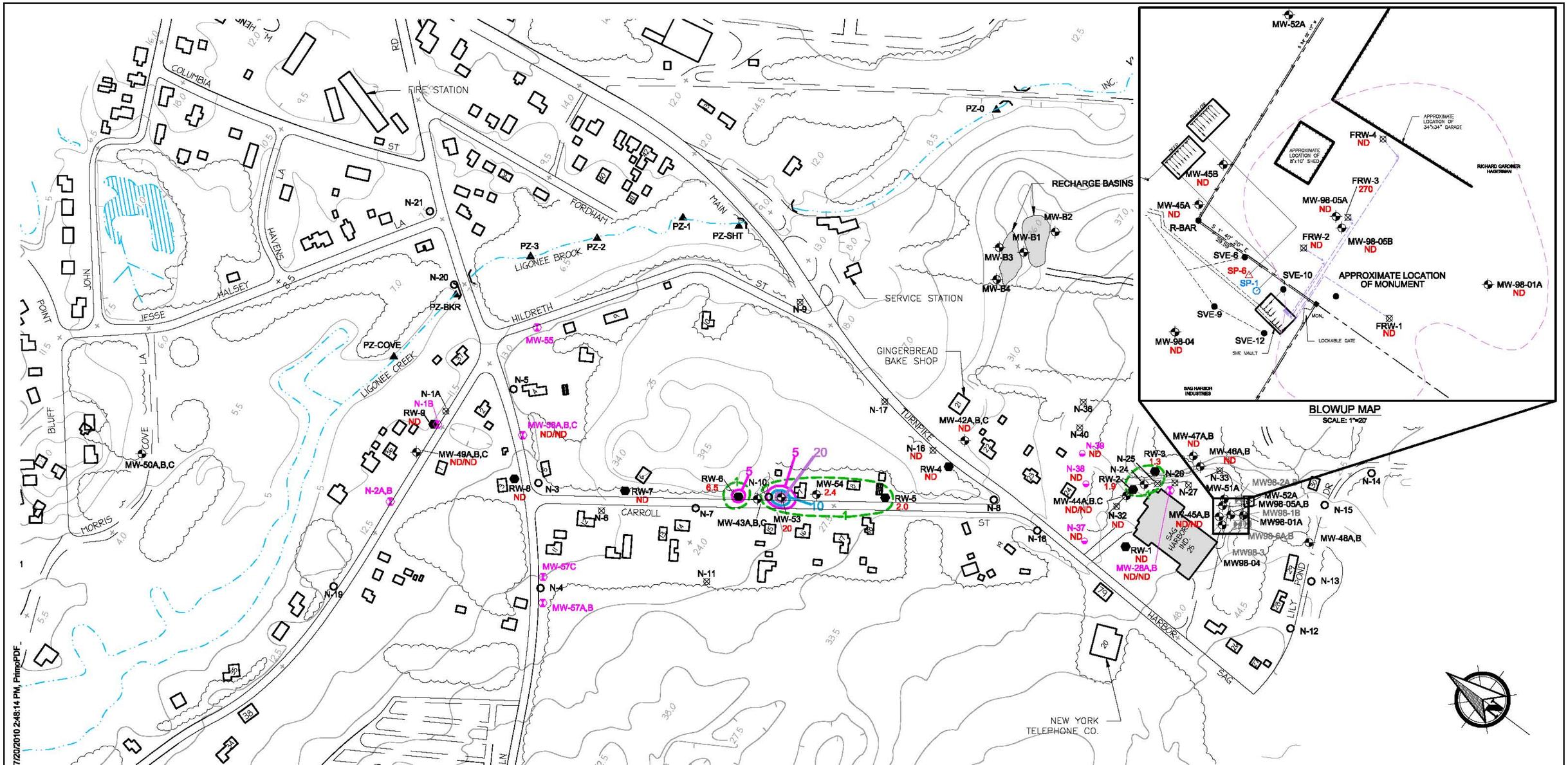
DRAWN:	CHECKED:	DATE:	FIGURE:
RAC	TS	05/17/10	8



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LEGEND

N-36	LOCATED SCDHS WELL
N-37	REPAIRED SCDHS WELL
N-13	UNLOCATED SCDHS WELL
2	PROPERTY OWNERS WELL
PZ-2 ▲	PIEZOMETER
MW-43A	WELL(S) CONSTRUCTED FOR RI/FS
RW-1	RECOVERY WELL
MW-55	2004 MONITOR WELL
MW98-1B	DECOMMISSIONED WELLS OR DESTROYED WELLS
FRW-3	FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
SP-6	SHALLOW AIR SPARGE WELL LOCATION
SP-1	DEEP AIR SPARGE WELL LOCATION
SVE-9	SVE WELL LOCATION
20	TCA CONCENTRATION (ppb)
ND	NOT DETECTED
- - - - -	APPROXIMATE EXTENT OF SHALLOW CLAY LENS
1	TCA CONCENTRATION CONTOURS (ppb) (DASHED WHERE INFERRED)

NOTE:
1. MW98 MONITOR WELL LOCATIONS ARE APPROXIMATE.
2. THE APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENT (ARAR) FOR TCA FOR THIS SITE IS 5 (ppb).

0 300
SCALE IN FEET

GROUNDWATER REMEDIAL ACTION
FORMER ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

MARCH 2009 TCA PLUME MAP

DATE	REVISED

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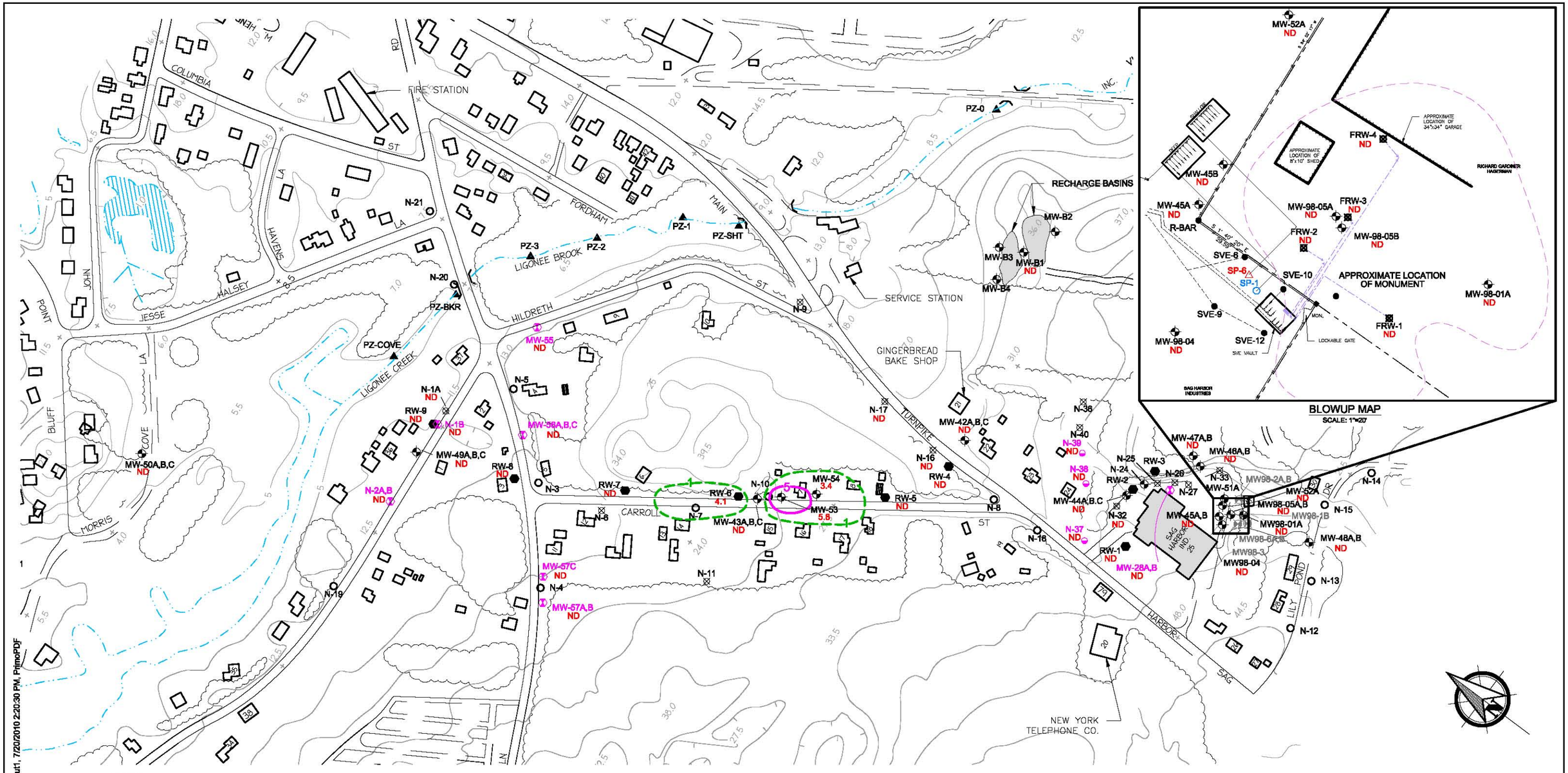
(203) 929-8555

DRAWN:	CHECKED:	DATE:	FIGURE:
RAC	TS	05/17/10	9



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LEGEND

N-36	LOCATED SCDHS WELL
N-37	REPAIRED SCDHS WELL
N-13	UNLOCATED SCDHS WELL
21	PROPERTY OWNERS WELL
PZ-2 ▲	PIEZOMETER
MW-43A	WELL(S) CONSTRUCTED FOR RI/FS
RW-1	RECOVERY WELL
MW-55	2004 MONITOR WELL
MW98-1B	DECOMMISSIONED WELLS OR DESTROYED WELLS
FRW-3	FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
SP-6	SHALLOW AIR SPARGE WELL LOCATION
SP-1	DEEP AIR SPARGE WELL LOCATION
SVE-9	SVE WELL LOCATION
4.1	TCA CONCENTRATION (ppb)
ND	NOT DETECTED
	APPROXIMATE EXTENT OF SHALLOW CLAY LENS
1	TCA CONCENTRATION CONTOURS (ppb) (DASHED WHERE INFERRED)

NOTE:
1. MW98 MONITOR WELL LOCATIONS ARE APPROXIMATE.
2. THE APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENT (ARAR) FOR TCA FOR THIS SITE IS 5 (ppb).

0 300
SCALE IN FEET

GROUNDWATER REMEDIAL ACTION
FORMER ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

SEPTEMBER 2009 TCA PLUME MAP

DATE	REVISED

PREPARED BY: LBG ENGINEERING SERVICES, P.C.
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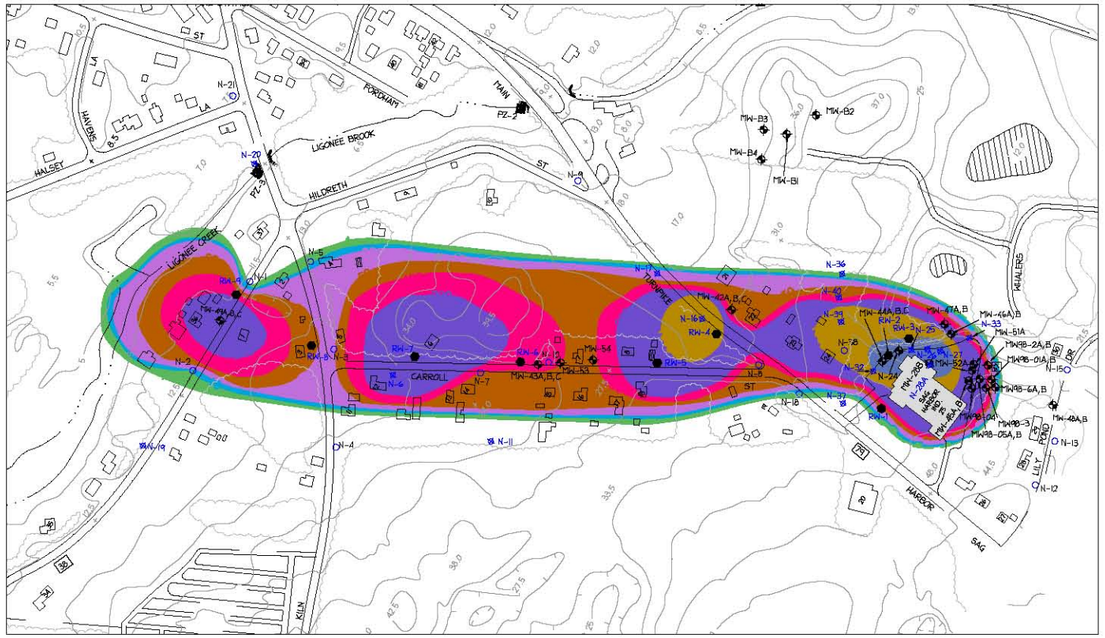
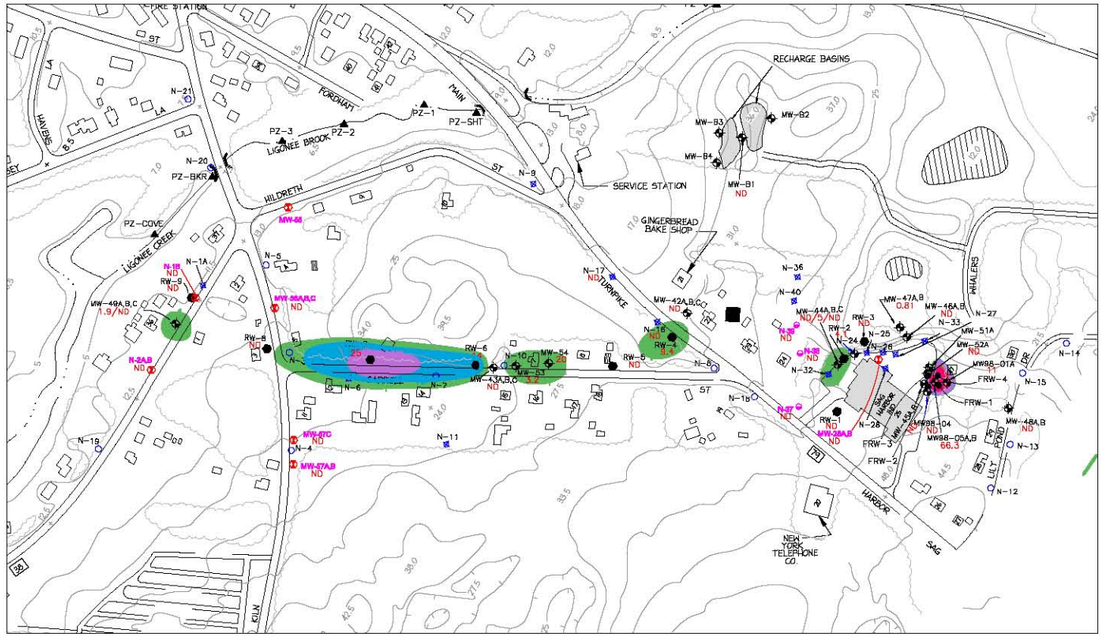
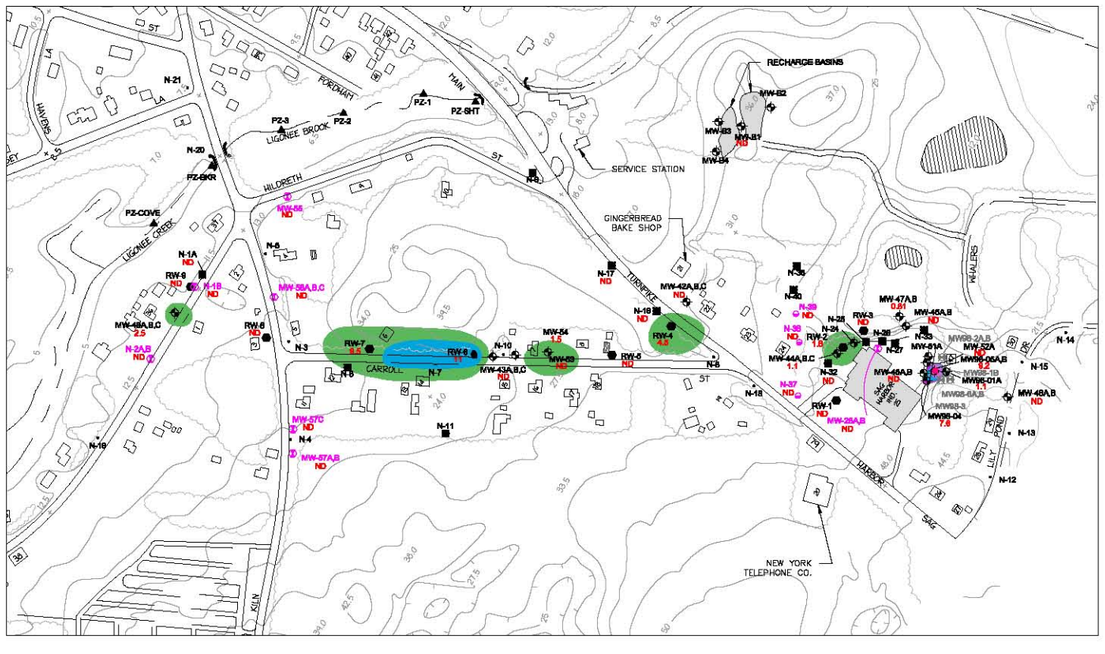
DRAWN:	CHECKED:	DATE:	FIGURE:
RAC	TS	05/17/10	10



PRE-REMEDIATION PCE PLUME MAP - 2002



OCTOBER 2007 PCE PLUME MAP



SEPTEMBER 2009 PCE PLUME MAP

LEGEND

- > 2000 ug/l
- 1000 - 2000 ug/l
- 200 - 1000 ug/l
- 100 - 200 ug/l
- 50 - 100 ug/l
- 20 - 50 ug/l
- 10 - 20 ug/l
- 1 - 10 ug /l

NOTE: THE FSP&T SYSTEM BEGAN OPERATION ON DECEMBER 17, 2002.

0 500
SCALE IN FEET

GROUNDWATER REMEDIAL ACTION
FORMER ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

PRE-REMEDIATION AND OCTOBER 2007 AND SEPTEMBER 2009 PCE PLUME MAPS

DATE	REVISED

PREPARED BY:
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DRAWN:	RAC	CHECKED:	TS	DATE:	05/17/10	FIGURE:	11

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APPENDIX A

Summary of 2009
Well Rehabilitation Activities

DRAFT

RECOVERY WELL REHABILITATION - 2009
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

INTRODUCTION

The results of this years work for the recovery well rehabilitation program initiated at the Rowe Industries Superfund Site in Sag Harbor, New York are presented and discussed below. Recovery wells RW-2, 4, 8 and 9 were rehabilitated between April 27, 2009 and May 29, 2009 by Alpine Environmental, LLC (Alpine). All well rehabilitation work was completed under the supervision of Leggette, Brashears & Graham, Inc. (LBG). The rehabilitation was completed in accordance with the approved scope of work outlined in the *"Scope of Work for 2009 Well Rehabilitation, Rowe Industries Superfund Site, Sag Harbor, New York."* (LBG, March 2009).

The purpose of the rehabilitation program is to address the biofouling and iron bacteria encrustation problems documented in the report titled *"Recovery Well Performance Evaluation, and Rehabilitation Plan, Rowe Industries Superfund Site, Sag Harbor, New York"* (LBG, April 2004) and improve the yield of each of the noted recovery wells. An inspection and service (if needed) of the installed pumps was also completed. Four of the nine recovery wells (RW- 2, 4, 8 and 9) were rehabilitated using the procedure(s) outlined below. RW-1 was not rehabilitated because its operation was discontinued on July 13, 2005 because the Contaminants of Concern (COCs) were not detected during monitoring conducted for three years prior to the shutdown , and RW-3, RW-6, RW-5 and RW-7 were not rehabilitated because iron precipitate does not inhibit performance of these recovery wells; therefore, they are on a bi-annual rehabilitation schedule based on previous well rehabilitation results.

The effectiveness of the rehabilitation effort was evaluated by comparing the change in specific capacities as measured before and after treatment. Specific capacity (SC) is the yield of the well in gallons per minute (gpm) per foot of drawdown. An increase in a well's specific capacity would indicate that the water transmitting capability of the well screen, gravel pack and surrounding formation had been restored to some extent.

The rehabilitation procedure consisted of mechanical brushing of the well screen with the use of a cable tool rig, removing sediment from well sumps and chemical treatment (in combination with physical surging) using Unicid^{TM} Granular Acid and Catalyst. Brief, 20

minute pumping tests were conducted before and after rehabilitation efforts in order to determine the specific capacities from which to evaluate the effectiveness of the treatment process. Table 1 shows the volume of rehabilitation chemicals used and wastewater generated for each recovery well during the rehabilitation process. The quantity of chemicals necessary for rehabilitation of each well was calculated based on the volume of standing groundwater in each well. The SC data collected from the pumping tests are presented in tables 2 through 5 and figures 1 through 4.

A brief discussion of rehabilitation efforts at each recovery well is presented below.

Rehabilitation Procedures with the use of Unicid™

Recovery wells RW-2, 4, 8 and 9 were rehabilitated using Unicid™ Granular Acid (Acid) and Catalyst, and mechanical processes of brushing the well screen and surging the well with two sets of double surge blocks. The purpose of brushing was to remove encrustation from the screen. Unicid™ Granular Acid was used to remove the encrusted scaling that protects the bio-fouling bacteria. Catalyst was used to loosen the encrustation in the well and the surrounding aquifer. The surging action disperses the acid and Catalyst in the surrounding aquifer.

These recovery wells were rehabilitated using the following procedure. The existing pumps were offset prior to the down-hole video inspection. Following the down-hole video inspection the pumps were removed, dismantled, the iron encrustation was scraped off the pump, and the pump and riser pipes were soaked in a thirty percent solution of Unicid™ Granular Acid/Catalyst immersion bath for approximately 24 hours. After the acid bath, the pump and riser pipes were brushed and rinsed with potable water. Following that, the pump was inspected and reassembled after any necessary repairs or replacements were completed.

The initial aquifer pumping tests, conducted with a test pump, were followed by 30 to 60 minutes of physical screen cleaning with a 2-foot long, snug-fitting nylon brush. The physical screen-cleaning phase included removing biological materials and other encrustation from the wells. The well sumps were then cleaned with a vacuum truck. By removing as much of the material as possible from the wells by mechanical means, smaller quantities of chemicals were subsequently required to rehabilitate the wells. All of the debris generated during physical cleaning was removed from the wells before the introduction of any chemicals.

The physical cleaning was followed by the initial introduction of Unicid™ Granular Acid and Catalyst. These products were introduced to reduce the pH to below 2; a pH unfavorable for Iron Related Bacteria (IRB), Sulfate Reducing Bacteria (SRB) and Heterotrophic Aerobic Bacteria (HAB). These bacteria were determined to exist in the wells during a previous study and were discussed in the Recovery Well Performance Evaluation (LBG 2004). The acid and Catalyst were introduced at the top of the water column then surged into the formation with the use of two sets of double surge blocks set 10 feet apart. The pH was monitored every one to two hours over the one to three day surging period. If the pH increased, a predetermined amount of acid was introduced to adjust the pH to 2 or lower. The volume of acid added and the number of pH adjustments are summarized in table 1. Discontinuation of acid treatment was determined by color, turbidity or the ability of groundwater to maintain a low pH. Following surging activities during the period of acid treatment, the recovery wells were pumped to remove the chemicals that were introduced to the wells and until the pH increased to levels approaching background (typically a pH of approximately 5 to 6) and solids, sediments that were pulled into the well due to the surging action.

Following acid treatment, post-rehabilitation aquifer pumping tests and down-hole video logs were completed to evaluate the effectiveness of the rehabilitation efforts. The serviced pumps were then reinstalled and recovery wells were placed back into operation. All water generated during the rehabilitation process was stored in a ten thousand gallon temporary holding tank, where the pH of the groundwater was neutralized. After the water was neutralized, it was transferred from the holding tank to the full-scale pump and treat (FSP&T) system where the water was treated and discharged to the recharge basins. The sediment and sludge that settled to the bottom of the temporary holding tank was transported off site by Alpine and disposed of as hazardous waste at a state-licensed facility. Photocopies of the hazardous waste manifests are included in Appendix I.

Recovery Well No. 2

Rehabilitation of RW-2 was conducted from May 1, 2009 through May 7, 2009. The pre-rehabilitation video log showed significant clusters of large biomass floating in the groundwater and the water was very turbid. The top 5 feet of the screen was approximately 50% encrusted; the remainder of the screen was completely covered in iron encrustation. Based on the pre-

rehabilitation video logs, the encrustation observed on the well screen in 2009 was comparable to 2008 and earlier pre-rehabilitation observations. Observed turbidity in 2009 was comparable to the turbidity in 2008.

Upon removal of the riser pipe and pump, a thin coating of iron bacteria was visible on the interior and exterior of the riser pipe. The pump was also significantly encrusted with iron bacteria, including the intake. The degree of iron bacteria encrustation was comparable to the iron bacteria encrustation observed in 2008.

During the rehabilitation of RW-2, a total of 80 lbs of Unicid^{TM} Granular Acid and five gallons of catalyst were used. The rehabilitation process included two pH adjustments. During surging, a light sulfur odor was emitted from the recovery well. The detected odors indicate that the well rehabilitation chemicals were mineralizing the iron encrustation. Light foaming was observed with the addition of the initial acid dose and with each adjustment, however, it dissipated with surging and time. The foaming may be an indication of a slight increase in the amount of iron encrustation on the well screen; foaming had not been observed in previous years. A groundwater sample was collected in a clear, glass jar to observe color and turbidity. At the start of rehabilitation, the color of the water was observed to be a pale brown which gradually changed to a pale yellow color/tint as rehabilitation progressed. The yellow color/tint of the groundwater suggests the presence of iron. A brown color/tint of the groundwater combined with foaming suggests the presence of calcium/iron, and the green color/tint of the groundwater suggests the presence of sulfates. The groundwater had a high suspended solids concentration after surging was completed. Significant quantities of sediment were removed from the recovery well before and after surging. Approximately 19,600 gallons of water were removed from RW-2 as part of the well rehabilitation activities.

During the post-rehabilitation video log, the groundwater was clearer than that observed for pre-treatment conditions and the well screen looked clean. The pre-rehabilitation SC was 7.9 gpm/ft (at 28 gpm) and the post-rehabilitation SC was 9.4 gpm/ft (at 27 gpm); an increase of 1.5 gpm/ft. These values are greater than the SC of 4.8 gpm/ft (at 41 gpm) for RW-2 when it was first constructed; however, a direct comparison of SC at well construction and current operating conditions should be evaluated with caution because the SC was calculated at different pumping rates. The 27 gpm pumping rate was chosen for this evaluation in order to generate comparable

data to previous well rehabilitation activities and the downloaded monthly data for SC monitoring. Historical pre- and post-rehabilitation SCs are summarized on figure 1.

The increase in SC for 2009 was less than the increases observed during the 2006, 2007, and 2008, and comparable to the 2005 recovery well rehabilitation efforts; however, the pre-rehabilitation SC value was greater than the SC value when the well was constructed. The SC values in 2009 suggest that some of the transmitting capability of the well screen, gravel pack and surrounding formation have been restored. Although the yield of the well was not at a critical point that required rehabilitation, the routine O&M to remove iron encrustation is a prudent action to prevent the deterioration of well performance.

Recovery Well No. 4

Rehabilitation of RW-4 was conducted from April 27, 2009 through April 30, 2009. The pre-rehabilitation video log showed significant amounts of suspended biomass. The well screen was almost entirely covered with iron encrustation such that the screen and ribs were not visible. The turbidity and suspended biomass increased with depth.

After removing the riser pipe and pump, an iron coating was visible on the interior of the riser pipe and the thickness of the iron coating increased with depth. A slight iron coating was observed on the exterior of the riser pipe. The pump was coated with iron and the pump intake was covered with iron but not completely encrusted.

During the rehabilitation of RW-4, a total of 80 lbs of Unicid^{TM} Granular Acid and five gallons of Catalyst were used; the process included two pH adjustments. The groundwater was very turbid, had a green tint and slight sulfur odors were detected with the initial dose of acid. The odors and green tint dissipated with surging and time. No foaming was observed during the rehabilitation of RW-4. The green color/tint of the groundwater suggested the presence of sulfate. Approximately 18,600 gallons of water were generated during the rehabilitation of RW-4.

Observations from the post-rehabilitation video log revealed very low turbidity compared to the pre-rehabilitation video, and no encrustation on the screen or risers. The well screen and joints looked clean as if new. The pre-rehabilitation SC was 15.1 gpm/ft (at 41 gpm) and the post-rehabilitation SC was 21.2 gpm/ft (at 41 gpm); an increase of 6.1 gpm/ft. The 2009 post-rehabilitation SC is close to the SC of this well (21.7 gpm/ft at 40 gpm) when it was first

constructed. Historical pre- and post-rehabilitation SCs are summarized on figure 3. The SC was restored to the SC measured at construction of the well. These values suggest that the transmitting capability of the well screen, gravel pack and surrounding formation has been successfully restored, however, the iron encrustation will have to be addressed annually.

Recovery Well No. 8

Rehabilitation of RW-8 was completed from May 8, 2009 through May 21, 2009. The pre-rehabilitation video log showed significant amounts of iron encrustation that increased with depth. The degree of encrustation was greater than that observed in the pre-rehabilitation video logs from previous years.

Upon removal of the riser pipe and pump, substantial iron encrustation was observed inside the riser pipe with thickness also increasing with depth. These observations were comparable to the conditions observed during the previous rehabilitation activities at this recovery well.

During the rehabilitation of RW-8, 190 lbs of Unicid^{TM} Granular Acid and 10 gallons of catalyst were used. The process included three pH adjustments. Foaming, but no odor were observed with the initial acid addition, however a slight hydrogen sulfide odor and no foaming were observed with each acid adjustment. Initially, the groundwater was an orange-brown color and very turbid, however, as rehabilitation efforts progressed, the turbidity cleared and the color faded to a pale yellow and then became clear. A hydrogen Sulfide odor (rotten eggs odor) may suggest the presence of sulfate reducing bacteria. And the orange color/tint of the groundwater suggests the presence of iron; brown is indicative of calcium and iron. Approximately 34,900 gallons of water were generated during the rehabilitation of RW-8.

Observations from the post-rehabilitation video log revealed no turbidity, and the well screen and joints were clearly visible and free of iron deposits; however, some staining remained. The pre-rehabilitation SC was 71.4 gpm/ft (at 44 gpm) and the post-rehabilitation SC was 121 gpm/ft (at 43 gpm); an increase of 49.6 gpm/ft. The post rehabilitation value is near the original SC of 121.9 gpm/ft (at 76.8 gpm), however, a direct comparison of SC during well construction and current operating conditions should be evaluated with caution because each SC was calculated at different pumping rates. A pumping rate of 55 gpm was chosen for the 2009 pumping tests, in order to produce data comparable to the current pumping rate of the recovery

well and previous well rehabilitation evaluation pumping tests. However this pumping rate could not be obtained during the pre-rehabilitation pumping test due to a malfunctioning test pump, flow meter and the deteriorated condition of the well screen. The post-rehabilitation pumping test was conducted at a similar pumping rate to the pre-rehabilitation pumping test in order to produce comparable data. The iron encrustation in RW-8 will have to be addressed annually.

Recovery Well No. 9

The rehabilitation of RW-9 was completed from May 15, 2009 through May 22, 2009. The pre-rehabilitation video log showed large clusters of biomass/iron suspended in the groundwater. The well screen and joints were significantly encrusted and barely visible. Encrustation and turbidity increased with depth and was comparable to observations in previous years.

Upon removal of the riser pipe and pump, some iron encrustation was observed on the riser pipe. The pump intake area was completely covered by iron encrustation. Visual inspection of the internal section of the riser pipe showed some iron encrustation.

During the rehabilitation of RW-9, 155 lbs of Unicid^{TM} Granular Acid and 10 gallons of Catalyst were used. The rehabilitation process included three pH adjustments. Slight sulfur odor was observed, which dissipated with time and surging. The groundwater was slightly turbid and a gray tint was observed most likely due to suspended fines in the groundwater. Approximately 32,400 gallons of water were generated during the rehabilitation of RW-9.

Observations from the post-rehabilitation video log revealed low turbidity. The well screen and joints looked clean; however, a trace amount of spotty staining was left on the well screen. The SC of the recovery well increased from 111 gpm/ft (at 70 gpm) to 176 gpm/ft (at 77 gpm) an increase of 65 gpm/ft. This value is slightly greater than the original SC of 174.9 gpm/ft (at 75 gpm) for RW-9. These values indicate that the transmitting capability of the well screen, gravel pack and surrounding formation has been restored. The iron encrustation in this well will have to be addressed annually.

Recovery Well Nos. 3, 5, 6 and 7

Recovery well rehabilitation was not scheduled for RW-3, RW-5, RW-6 and RW-7 in 2009 because iron encrustation and loss of well capacity has not been a significant problem for these wells. As such, physical cleaning and inspection of these wells is on a bi-annual schedule. The performance of these recovery wells will be monitored through 2009 to determine if well rehabilitation should be scheduled for 2010.

Summary and Conclusions

1. As shown by the improvement in SC and by visual inspections with the use of down-hole video equipment, the rehabilitation process was successful for RW-2, RW-4, RW-8 and RW-9. This information indicates that the Unicid^{TM} Granular Acid treatment continues to be effective at wells where high iron concentrations in the groundwater (RW-2, RW-4, RW-8 and RW-9) are present.
2. Based on SC and well performance tracking, RW-3, RW-5, RW-6 and RW-7 are scheduled for mechanical redevelopment without the use of rehabilitation chemicals in 2010.
3. Well performance for RW-2, 3, 4, 5, 6, 7, 8 and 9 will be monitored throughout the remainder of 2009 and early 2010, and any modifications to the recommended rehabilitation techniques described in this report shall be made as needed.

In order to keep the recovery wells operating more efficiently, the pumps should be removed, inspected, cleaned and serviced as necessary. The pumping water level and the SC of each recovery well should continue to be monitored on a monthly basis to track the efficiency of the well and determine when rehabilitation needs to be conducted. Well rehabilitation should be repeated for RW-2, RW-4, RW-8 and RW-9 annually. Rehabilitation of the other recovery wells will be conducted on an as-needed basis.

TABLES

TABLE 1

RECOVERY WELL REHABILITATION - 2009
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Recovery Well Rehabilitation Treatment Volumes and Wastewater Generated Per Recovery Well - 2009

Recovery Well	Amount of Unicid™ Granular Acid for Initial Dose (lbs)	Volume of Catalyst (gallons)	Amount of Unicid™ Granular Acid for each pH Adjustment (if needed) (lbs)	Number of pH Adjustments	Total Amount of Unicid™ Granular Acid Used (lbs)	Approximate Volume of Water Generated (gallons)
RW-2	50	5	15	2	80	19,609
RW-4	50	5	15	2	80	18,604
RW-8	100	10	30	3	190	34,900
RW-9	80	10	25	3	155	32,400

NA Not applicable.

Notes: 1. During 2009, RW-3, RW-5, RW-6 and RW-7 were not redeveloped.

TABLE 2

RECOVERY WELL REHABILITATION - 2009
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Pre and Post Recovery Well Rehabilitation Specific Capacities for RW-2

Date	Specific Capacity (gpm/ft)	Pumping Rate (gpm)	Notes
5/14/1996	4.8	41	Status following installation
5/18/2004	3.0	30	Pre-rehabilitation
5/20/2004	6.2	30	Post-rehabilitation
6/3/2005	5.5	27	Pre-rehabilitation
6/8/2005	7.3	29	Post-rehabilitation
5/30/2006	9.7	26	Pre-rehabilitation
6/1/2006	13.7	27	Post-rehabilitation
5/21/2007	7.4	27	Pre-rehabilitation
5/24/2007	13.8	28	Post-rehabilitation
6/24/2008	1.3	27	Pre-rehabilitation
6/26/2008	19.2	27	Post-rehabilitation
5/4/2009	7.9	28	Pre-rehabilitation
5/7/2009	9.4	27	Post-rehabilitation

TABLE 3

RECOVERY WELL REHABILITATION - 2009
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Pre and Post Recovery Well Rehabilitation Spceific Capacities for RW-4

Date	Specific Capacity (gpm/ft)	Pumping Rate (gpm)	Notes
6/1/2000	21.7	40	Status following installation
6/21/2004	9.6	45	Pre-rehabilitation
6/24/2004	20.3	42	Post-rehabilitation
6/16/2005	13.0	30	Pre-rehabilitation
6/29/2005	22.1	30	Post-rehabilitation
6/6/2006	10.0	38	Pre-rehabilitation
6/9/2006	25.3	44	Post-rehabilitation
6/5/2007	23.4	40	Pre-rehabilitation
6/11/2007	37.7	40	Post-rehabilitation
6/5/2008	16.4	42	Pre-rehabilitation
6/11/2008	21.5	41	Post-rehabilitation
4/27/2009	15.1	41	Pre-rehabilitation
4/30/2009	21.2	41	Post-rehabilitation

TABLE 4

RECOVERY WELL REHABILITATION - 2009
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Pre and Post Recovery Well Rehabilitation Spceific Capacities for RW-8

Date	Specific Capacity (gpm/ft)	Pumping Rate (gpm)	Notes
6/7/2000	121.9	77	Status following installation
6/2/2004	76.0	68	Pre-rehabilitation
6/10/2004	132.0	73	Post-rehabilitation
3/22/2005	98.2	55	Pre-rehabilitation
3/30/2005	175.0	56	Post-rehabilitation
6/13/2006	111.9	66	Pre-rehabilitation
6/15/2006	148.9	67	Post-rehabilitation
5/29/2007	41.4	55	Pre-rehabilitation
6/5/2007	114.6	55	Post-rehabilitation
7/7/2008	129.2	55	Pre-rehabilitation
7/10/2008	112.9	55	Post-rehabilitation
5/11/2009	71.4	44	Pre-rehabilitation
5/15/2009	121.0	43	Post-rehabilitation

TABLE 5

RECOVERY WELL REHABILITATION - 2009
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Pre and Post Recovery Well Rehabilitation Spceific Capacities for RW-9

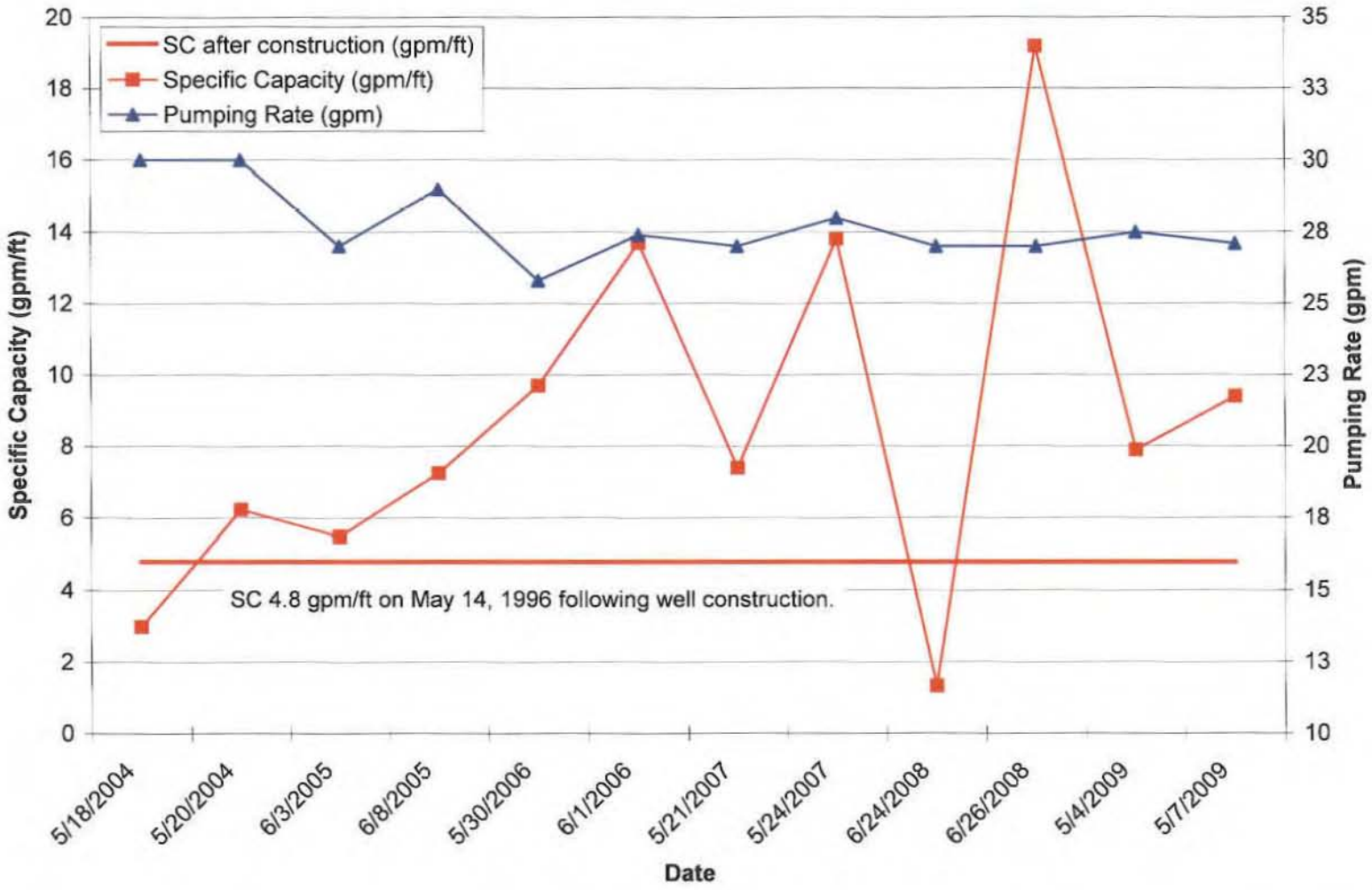
Date	Specific Capacity (gpm/ft)	Pumping Rate (gpm)	Notes
6/7/2000	174.9	75	Status following installation
5/27/2004	166.4	42	Pre-rehabilitation
6/3/2004	177.4	80	Post-rehabilitation
5/26/2005	151.5	50	Pre-rehabilitation
6/2/2005	192.6	53	Post-rehabilitation
6/20/2006	191.0	71	Pre-rehabilitation
6/22/2006	231.0	72	Post-rehabilitation
6/14/2007	194.4	70	Pre-rehabilitation
6/22/2007	189.2	70	Post-rehabilitation
6/16/2008	206.9	70	Pre-rehabilitation
6/19/2008	280.9	70	Post-rehabilitation
5/18/2009	111.0	70	Pre-rehabilitation
5/21/2009	176.0	77	Post-rehabilitation

GRAPHS

FIGURE 1

RECOVERY WELL REHABILITATION - 2009
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

RW-2 Rehabilitation Results



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Rehab.Results.Figures 2009.xls

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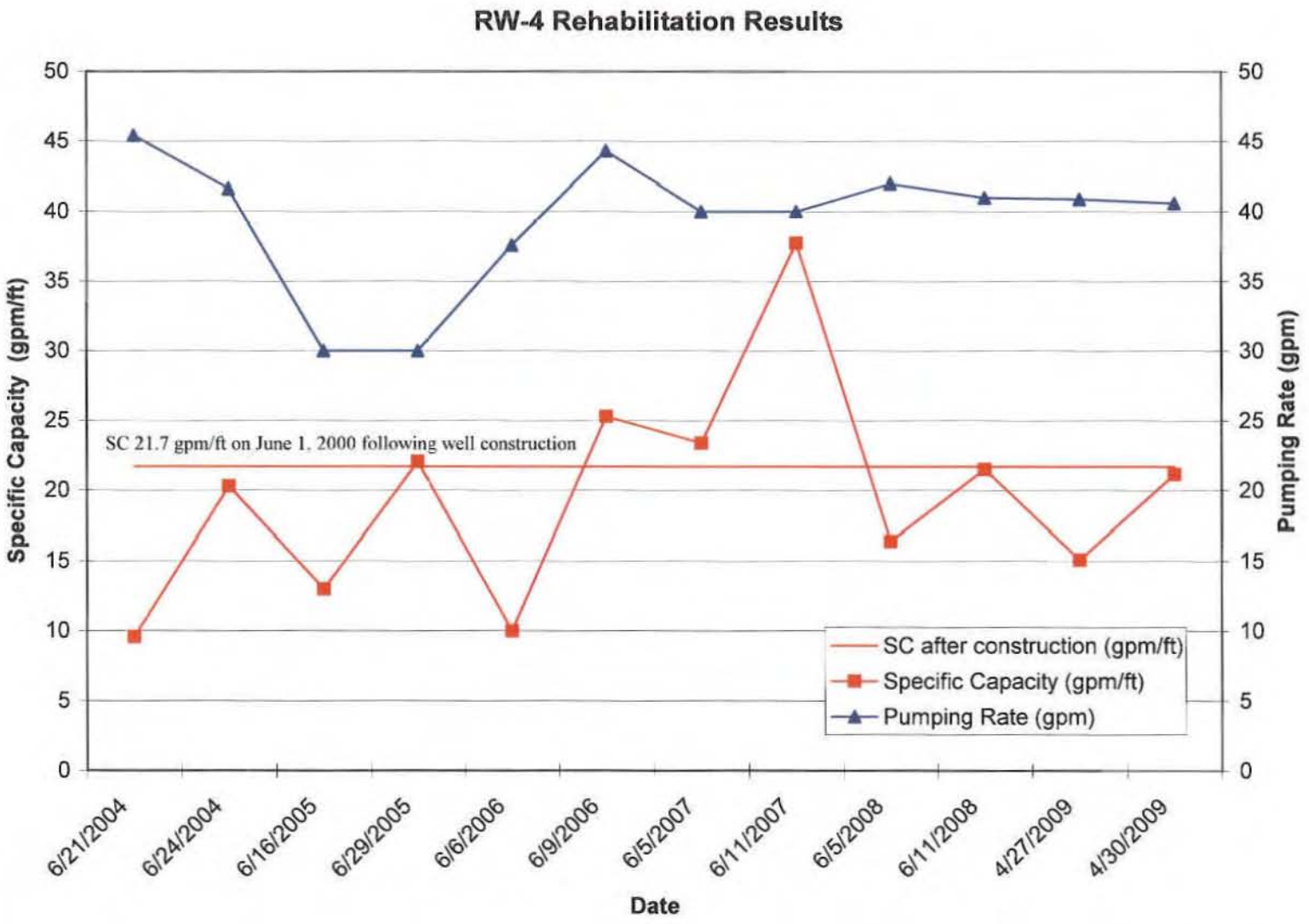
FIGURE 2

RECOVERY WELL REHABILITATION - 2009
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK



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Rehab.Results.Figures 2009.xls

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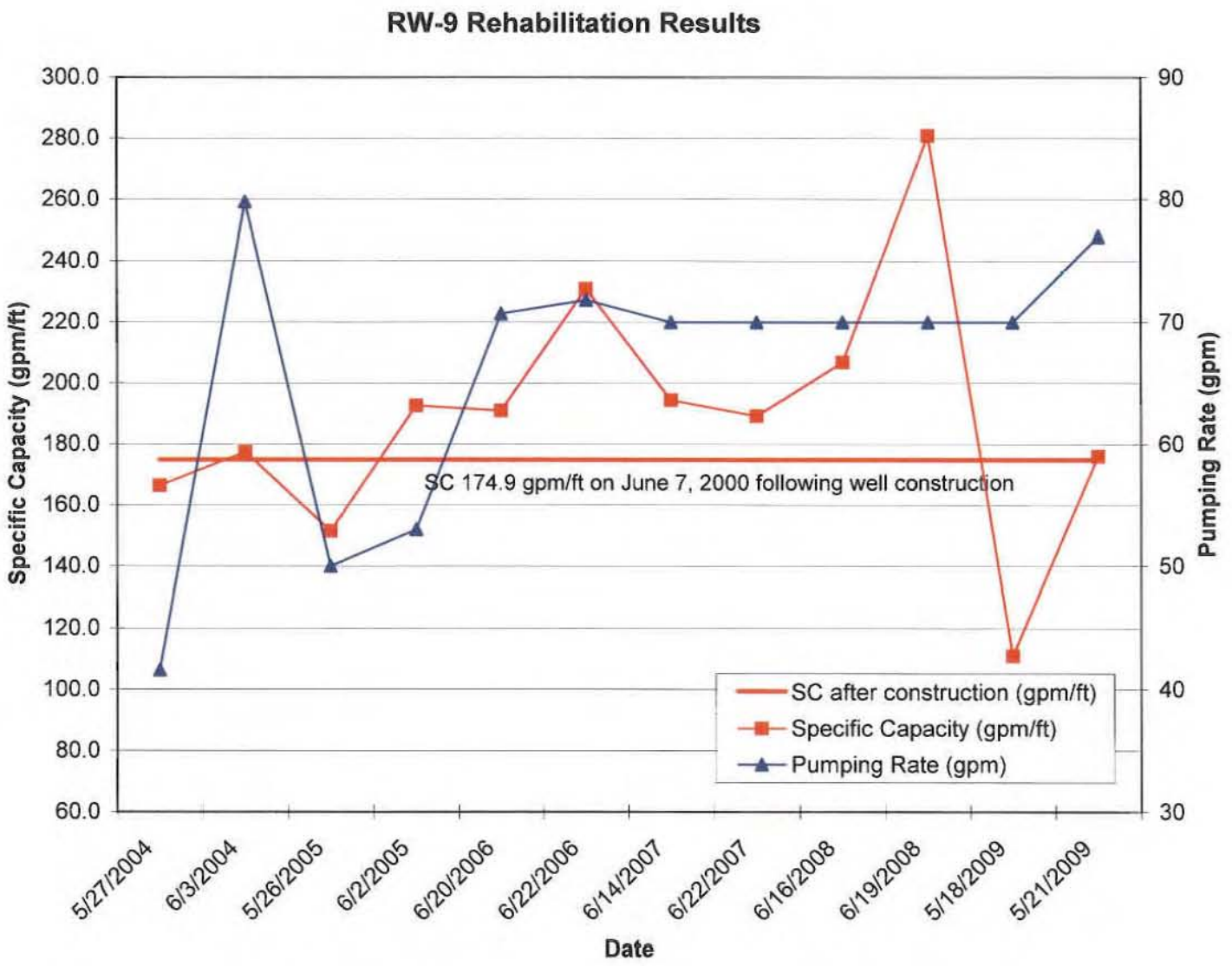
FIGURE 4

RECOVERY WELL REHABILITATION - 2009
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK



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