QUARTERLY MONITORING DATA REPORT OCTOBER 1, 2006 THROUGH DECEMBER 31, 2006 AND 2006 PERFORMANCE EVALUATION REPORT

KEYWELL, L.L.C.
VACAIR ALLOYS DIVISION
FREWSBURG, NEW YORK

JANUARY 2007
REF. NO. 002326 (40)

Prepared by:
Conestoga-Rovers & Associates

2371 George Urban Blvd.
Depew, New York 14043

Office: 716·206·0202
Fax: 716·206·0201

TABLE OF CONTENTS

LIST OF FIGURES
(Following Report)

LIST OF TABLES
(Following Report)

LIST OF APPENDICES

1.0 INTRODUCTION

Keywell, L.L.C. (Keywell) has implemented a Remedial Action (RA) at its VacAir Alloys Division Plant in Frewsburg, New York (Site). The RA for the Site is outlined in the Record of Decision (ROD) dated March 1996 and the "Evaluation of North Soil Area Remedial Alternatives" (North Soil Area Report) as revised July 1996. The RA originally consisted of:

i) institutional controls;
ii) long-term groundwater monitoring;
iii) paving of unpaved areas north of the Plant;
iv) runoff isolation;
v) sediment excavation and off-Site disposal;
vi) groundwater extraction and treatment;
vii) surface water discharge of treated groundwater;
viii) in-situ soil vapor extraction (SVE) in the Center Soil Area (CSA);
ix) installation of a barrier wall; and
x) extension of the barrier wall as a contingency.

The construction activities associated with items iii) through ix) were performed between mid-1997 and mid-1998.

Data presented in the "Quarterly Monitoring Data Report, October 1, 2003, through December 31, 2003, and 2003 Performance Evaluation Report," dated February 2004 demonstrated that "the mass of TCE removed by the SVE system under optimal operating conditions is insignificant" in contrast to the effectiveness of the groundwater extraction system, and that "the continued operation of the SVE system will not serve to accelerate the restoration of groundwater quality to an appreciable extent." As a result of a joint decision between the New York State Department of Environmental Conservation (NYSDEC) and Keywell, the shutdown of the SVE system was approved and implemented in August 2004.

The key operating components of the RA currently are the:

i) groundwater extraction systems in the CSA and barrier wall areas;
ii) groundwater treatment system;
iii) north area paving; and

iv) runoff isolation systems (referred to as "stormceptor").

These components are operated and maintained in accordance with the "Operation and Maintenance Plan, Remedial Action" (O&M Plan) dated September 1998.

An effectiveness and performance monitoring program is included in the O&M Plan. The current components of the monitoring program are:

i) hydraulic monitoring;

ii) groundwater quality monitoring;

iii) seep inspections;

iv) treated groundwater discharge monitoring; and

v) groundwater treatment system component monitoring.

The monitoring program is conducted in accordance with the Sampling, Analysis, and Monitoring Plan (SAMP) contained in Appendix A of the O&M Plan. Monitoring is conducted at the frequencies shown in Table 1.1 and the data collected are reported quarterly.

The O&M Plan requires that a Performance Evaluation Report be prepared and submitted annually. The content of the evaluation report is to include:

i) analytical results and appropriate quality assurance/quality control (QA/QC) data;

ii) groundwater and surface water hydraulic monitoring data;

iii) a description of Site maintenance activities and problems that required corrective action during the reporting period;

iv) an evaluation of the effectiveness of the groundwater extraction system; and

v) recommendations for any system or monitoring program revisions.

In addition, NYSDEC, in the letters from Mr. G.P. Sutton (NYSDEC) to Mr. D. Trostle (Keywell) dated December 22, 1999, and February 11, 2004, specifically requested that the Performance Evaluation Report document:

i) the inward hydraulic gradient provided by the groundwater extraction system;

ii) that the barrier wall system is functioning as designed;

iii) the effectiveness of the stormceptor system in isolating runoff; and

iv) an evaluation of the potential feasibility of selected in situ treatment technologies to address chemical presence in the CSA.

Evaluations of remedial technology options were conducted in 2003, 2004, and 2005. Following the 2005 evaluation it was proposed that the frequency of these evaluation be reduced to once every 5 years or whenever:

i) conditions in the area change significantly;

ii) a new demonstrated-effective technology applicable at the Site is developed; or

iii) relative costs of existing technologies change significantly.

This proposed modification in the frequency of the remedial technology evaluations was approved by NYSDEC in the letter from T. Biel (NYSDEC) to D. Trostle (Keywell) dated March 17, 2006. Therefore, a remedial technology evaluation has not been conducted and is not presented in this report. The next remedial technology evaluation is to be conducted in 2010.

The purpose of this report is to present:

i) the Fourth Quarter Monitoring Data Report, October 1, 2006 through December 31, 2006; and

ii) the 2006 Performance Evaluation Report.

The report is organized as follows:

- Section 1.0 Introduction. An overview of the RA and monitoring programs and a description of the scope of this report is presented in Section 1;
- Section 2.0 Fourth Quarter Report. The fourth quarter 2006 O&M data are presented in Section 2;
- Section 3.0 Summary of System O&M. A summary of the operating and monitoring data collected since system startup is presented in Section 3;
- Section 4.0 Performance Evaluation. An evaluation of the performance and effectiveness of the RA is presented in Section 4; and
- Section 5.0 Conclusions and Recommendations. Conclusions regarding the performance and effectiveness of the RA and recommendations for modifications to the operating and monitoring programs are presented in Section 5.

2.0 FOURTH QUARTER 2006 REPORT

The Monitoring Report for the fourth quarter 2006 has been prepared by Keywell and is presented in Appendix A.

3.0 SUMMARY OF 2006 SYSTEM OPERATION AND MAINTENANCE

Details of the O&M of the groundwater extraction and treatment systems have been presented in previous quarterly reports submitted to NYSDEC by Keywell. These quarterly reports have been submitted for each calendar quarter beginning with the third quarter (July 1 through September 30) of 1998. The following subsections present compilations of the operating data for the period of January 1, 2006 through December 31, 2006 and summary descriptions of problems encountered and maintenance performed. All information of the type presented herein has been presented previously in the quarterly reports.

3.1 ROUTINE OPERATIONS

Keywell employees operate, monitor, and maintain the groundwater extraction and treatment systems and perform all routine system and environmental monitoring activities. Employees trained and familiar with the Site and the treatment plant operations during this reporting period were:

i) Chuck Becker;

ii) Kevin Niles; and

iii) Dennis Trostle.

Analytical samples are sent to a contract laboratory for analyses. All sample analyses are performed in accordance with the applicable methods.

A summary of the types and frequencies of the routine samples collected during this annual evaluation period is presented in Table 1.1.

3.2 GROUNDWATER TREATMENT SYSTEM OPERATION AND DISCHARGE MONITORING

Treatment of extracted groundwater for permitted discharge is accomplished through air stripping using a shallow tray system. A water treatment system designed to minimize the buildup of iron deposits on the stripper trays was installed in September 1999. This system reduced but did not eliminate the formation of iron deposits; therefore, periodic cleaning of the stripper trays is required. During this annual evaluation period, the air stripper trays were cleaned during shutdowns on January 24, July 12, and November 6.

During 2006, treated water (effluent) samples were analyzed for volatile organic compounds (VOCs) and pH monthly and for oil and grease, aluminum, iron, and zinc semi-annually (see Table 1.1). Tabulations of the effluent monitoring data and calculated discharged loadings are contained in Appendix B.

The treated water analytical data presented in Appendix B have been compared to the effluent discharge limits shown in Table 3.1. This comparison shows that:

i) pH was in compliance with the effluent discharge requirements throughout 2006;

ii) concentrations of oil and grease, aluminum, and zinc were in compliance with the effluent discharge requirements throughout 2006;

iii) an exceedance of the effluent discharge requirement for iron (2,000 micrograms per liter [µg/L]) occurred in July 2006 (2,110 µg/L detected); and

iv) trichloroethene (TCE) and dichloroethene (DCE) were detected at 11 and 12 µg/L, respectively, in March 2006.

In April 2006, Keywell added a temporary activated carbon bed (two drummed carbon units) to polish effluent from the air stripper prior to discharge. These drums were removed in October 2006 after it was demonstrated that the quality of water effluent from the air stripper consistently met the discharge criteria for VOCs (10 µg/L/compound).

3.3 GROUNDWATER/CREEK HYDRAULIC MONITORING

During 2006, hydraulic monitoring was performed at least quarterly in all extraction wells, monitoring wells, and piezometers. In addition, water levels were measured monthly in extraction wells EW-5 and EW-12. The tabulated water level elevation data are presented in Appendix C. The locations of the monitoring wells and piezometers are shown on Figure 3.1.

3.4 GROUNDWATER QUALITY MONITORING

The frequencies of groundwater quality monitoring were modified with the approval of NYSDEC in August 2005. The current groundwater monitoring program is summarized in Table 1.1 of this report. The locations of the groundwater quality monitoring points are shown on Figure 3.1.

The groundwater quality data and analytical data assessments and validations have been submitted previously in the quarterly reports. A complete and updated groundwater analytical database is presented in Appendix D.

3.5 GROUNDWATER EXTRACTION OPERATION AND RATE

Under normal operating conditions, groundwater extraction occurs automatically and continuously. Flow is regulated through water level measurement and automatic flow control.

Monthly, maximum daily, and/or total volumes of groundwater extracted have been reported in previous quarterly reports. These extraction rate data for 2006 have been compiled and are presented with previous data in Table 3.2. The operating hours of the groundwater extraction system during 2006 are also presented in Table 3.2. These operating times were used in the calculation of average monthly flow. The extraction system operated approximately 96 percent (8,435 hours) of the available operating hours (8,760 hours) during 2006. All shutdowns of the extraction system were due to maintenance issues in the groundwater treatment system or occurred during the extraction well redevelopment program conducted in June 2006 (see Section 3.8).

3.6 PREVENTATIVE MAINTENANCE

Preventative maintenance is performed on the groundwater extraction and treatment systems on an as-needed basis. The maintenance performed has been discussed in detail in the quarterly reports. A summary of the non-routine maintenance performed during this reporting period is presented in Table 3.3.

In May 2006, CRA assisted Keywell in inspection and troubleshooting of the groundwater treatment system. Elevated VOC concentrations were being detected in the air stripper effluent results. Inspection included the air stripper, phase separator, a review of the treatment system influent and effluent analytical data, and system operating records.

Inspection, maintenance and repairs included:

i) draining and cleaning of the phase separator;

ii) disassembly of the air stripper with replacement of all springs and fittings on the trays; and

iii) testing of air flow, leakage, vacuum, etc. of the treatment system to ensure conformance to the operating parameters.

Elevated VOC concentrations in the air stripper effluent have not been observed since these repairs were completed.

3.7 STORMWATER COLLECTION SYSTEM

An inspection of the stormwater collection system (referred to as the "stormceptor") is conducted monthly, and the results of these inspections are presented in each quarterly report. Inspections of the stormceptors revealed no excess sediment collection in 2006. Therefore, the stormwater collection system operated effectively during this reporting period. No maintenance was necessary during this monitoring period.

Oil residuals in the stormceptors are also checked quarterly as part of the Facility's Integrated Contingency Plan for environmental control. Checks are conducted during both dry and wet weather events. In 2006, the quarterly visual inspections revealed no presence of suspended solids or oil discharging from the effluent pipe.

3.8 EXTRACTION WELL REDEVELOPMENT

Each of the groundwater extraction wells, EW-1 through EW-18, was redeveloped between May 30, 2006 and June 6, 2006. The purpose of extraction well redevelopment program was to improve the communication of the wells with the surrounding waterbearing unit, if possible.

The work tasks completed during the extraction well redevelopment program included:

i) measurement of the open depth of each well before and after redevelopment;

ii) performance of slug tests in each extraction well before and after redevelopment with subsequent calculation of hydraulic conductivity using the testing data;

iii) collection of analytical samples from extraction wells in the CSA; and

iv) repair/replacement of downhole equipment and fittings as necessary.

For reference purposes, a summary of well installation details is presented in Table 3.4. All wells were redeveloped using techniques of surging combined with bailing and/or pumping regardless of whether solids were found to have accumulated within the well.

Review of logs of the original well development, following the extraction well installation, showed significant drawdown in many of the wells during development. This drawdown indicated that the water-producing capacity of the waterbearing unit surrounding the wells is limited. The same was found to be true during the well redevelopment conducted in May/June 2006. With the exception of extraction wells EW-8 and EW-18, all wells were purged to dryness during well redevelopment. This limitation on water supply also limited the ability to suspend and remove accumulated solids from the wells.

Slug tests were conducted prior to beginning well redevelopment and upon completion of redevelopment in most wells. Hydraulic conductivity (K) values were calculated using the Bouwer and Rice Method for unconfined aquifers. A summary of the well redevelopment information and initial and final K values is presented in Table 3.5. The K of five extraction wells (EW-2, EW-6, EW-7, EW-17, and EW-18) increased approximately 1 to 2 orders of magnitude following redevelopment. These increased K values are indicative of improved communication between these extraction wells and the surrounding water-bearing unit.

4.0 PERFORMANCE EVALUATION

The evaluation of the performance of the RA is undertaken to determine:

i) the effectiveness of the barrier wall with respect to its design;

ii) the effectiveness of the extraction system in establishing and maintaining a hydraulic barrier between the source area and Conewango Creek;

iii) the combined effectiveness of the extraction system and barrier wall in preventing the discharge of chemicals in groundwater to Conewango Creek; and

iv) the effectiveness of the groundwater extraction and treatment system in removing and treating contaminated groundwater.

In this report, the evaluation of the groundwater extraction system performance and trends in chemical concentrations in groundwater utilizes running or moving average concentrations. A running average was calculated on a well-by-well basis for each set of four data points in the database. For example:

- Running Average for sampling result x_4 = average (x_1, x_2, x_3, x_4)
- Running Average for sampling result x_5 = average (x_2, x_3, x_4, x_5)
- Running Average for sampling result x_6 = average (x_3, x_4, x_5, x_6)

The analytical detection limits for sample analyses at this Site have been widely variable; therefore, where a compound was not detected, a value equal to the lowest reported detection limit at that location was used in the calculation. When duplicate samples were analyzed, the analytical results of the two samples were averaged and these averages were treated as one data set in the calculation of running averages. Running averages were not calculated for monitoring points with less than four sampling results or for wells not currently included in the monitoring program.

4.1 CENTER SOIL AREA

The groundwater contours presented on Figures 4.1 through 4.4 demonstrate that continued operation of the groundwater extraction system has maintained the area of influence of the combined branches of the groundwater extraction system along the northern and eastern boundaries of the Site.

Prior to 2005, performance of the groundwater remediation system in the CSA was evaluated using water quality data from monitoring well MW-11. However, sampling and analyses of groundwater from the extraction wells in the CSA demonstrated that there was a high degree of variability in water quality in the wells in the area. Therefore, data from a single point (MW-11) may not be representative of the overall groundwater quality in the area. Estimation of the chemical mass removed is a better indicator of the effectiveness of the groundwater extraction system in the CSA. The chemical mass removed by the groundwater extraction system in the CSA is calculated as follows:

$$\text{Chemical Mass} = \text{Gallons} \times \frac{\text{Conc } (\mu g)}{L} \times \frac{1\,g}{10^6\,\mu g} \times \frac{3.785L}{1\,\text{Gal.}} \times \frac{1\,lb}{453.6\,g}$$

$$= \text{Gallons} \times \text{Conc.} \times 8.34\text{E-}09$$

Where:

Gallons = volume extracted from the CSA

Conc. = average total VOCs in combined flow from the CSA extraction wells

Samples of groundwater effluent from the CSA extraction wells, EW-13 through EW-18, were collected in January and October 2006, and analyzed for the TCL VOCs. The total VOC concentrations in these samples were 17,700 µg/L in January 2006 and 20,500 µg/L in October 2006. The rates of groundwater extraction from the CSA at the times of sampling were 4.2 gallons per minute (gpm) in January 2006 and 3.0 gpm in October 2006. Using these data and the above equation, the mass of VOCs removed from the CSA in 2006 has been calculated as follows:

Chemical Mass = (Avg. Extraction Rate x Operating Time)(Avg. VOC Conc.)(8.34E-09)
= (3.6 gpm x 506,100 minutes)(19,100 µg/L)(8.34E-09)
= 278 pounds

These data demonstrate that groundwater extraction in the CSA is effectively reducing chemical presence in the area.

To further update the water quality data from the CSA, each of the extraction wells in the CSA was sampled in May/June 2006 and the samples were analyzed for VOCs. A summary of the analytical results for TCE, DCE, and vinyl chloride is presented in Table 4.1. Also presented in Table 4.1 are the analytical results from samples collected from the CSA extraction wells in 2002. Comparison of the 2002 and 2006 analytical data shows that, with the exception of well EW-15 which has remained essentially the same over this time period, the concentrations of TCE in all wells in the CSA decreased approximately 65 to 90 percent. These decreases in TCE concentration are further

evidence of the effectiveness of groundwater extraction in the CSA in reducing chemical presence.

4.2 BARRIER WALL EFFECTIVENESS

The barrier wall was constructed along the northern boundary of the Site to prevent the migration of impacted groundwater to Conewango Creek. The effectiveness of the barrier wall is determined based on the results of seep inspections performed along the creek embankment and the hydraulic and water quality monitoring data from monitoring wells and/or piezometers within and outside the barrier wall. Monitoring well MW-2 and piezometer PZ-3 are both located hydraulically downgradient of the barrier wall.

Prior to construction of the barrier wall and implementation of the groundwater extraction and treatment system (July 1998), seeps were observed along the sloped area between the Site fence and the Conewango River and lowlying wet area. Seep inspections were conducted quarterly during the first year of extraction system operation and semi-annually thereafter. No seeps have been identified since the startup of the groundwater extraction and treatment system.

It was demonstrated previously that fluctuations in the water table elevation at MW-2 and PZ-3 are related to seasonal conditions and not to changes in the operating parameters of the groundwater extraction system. The absence of a response in the water table outside the barrier wall to groundwater pumping within the barrier wall indicates that the slurry wall is an effective hydraulic barrier.

4.3 BARRIER WALL AND NORTHERN ALIGNMENT OF EXTRACTION WELLS

A barrier to groundwater flow toward Conewango Creek is provided by the combination of the barrier wall installed along the north and east boundaries of the Site and the operation of groundwater extraction wells EW-1 through EW-12 located immediately upgradient of the wall. The locations of the barrier wall and extraction wells are shown on Figure 3.1. As described in the previous section, the barrier wall is intact and is functioning as designed. The following section presents an evaluation of the effectiveness of the combined barrier wall/groundwater extraction system in maintaining the containment of the groundwater VOC plume.

As described in Section 3.3, water level data from 19 wells and piezometers are collected routinely and it is primarily these data which have been used in this evaluation. (The hydraulic monitoring database is contained in Appendix C.) Groundwater quality data are also used in the evaluation. Trends in chemical concentrations in groundwater are evaluated based on the running average concentrations as described previously in this section of the report.

To determine the presence of the hydraulic barrier during this evaluation period, water level data from the quarterly monitoring events have been plotted on a Site Plan and potentiometric contours have been drawn (see Figures 4.1 through 4.4). These contours have then been compared to the contours prepared using data collected during a static (non-pumping) period (Figure 4.5) to determine the effect of the barrier wall/pumping system.

4.3.1 OPERATING PARAMETERS

The operating data presented in Table 3.2 show that the average monthly groundwater extraction rates during 2006 ranged between 1.6 and 8.2 gpm. The average extraction rate during this evaluation period was 5.3 gpm. It is estimated that 343 pounds of VOCs were removed from groundwater through the operation of the combined branches (CSA and Barrier Wall Area) of the groundwater extraction system during 2006. This calculated chemical mass is based on the following equation:

$$\text{Chemical Mass} = \text{Gallons} \times \frac{\text{Conc } (\mu g)}{L} \times \frac{1\,g}{10^6\,\mu g} \times \frac{3.785L}{1\,\text{Gal.}} \times \frac{1\,lb}{453.6\,g}$$

$$= \text{Gallons} \times \text{Conc.} \times 8.34\text{E-}09$$

Where:

Gallons = Total volume extracted, 2006

Conc. = Average total VOCs in treatment plant influent

The calculations of the chemical mass removed are summarized in Table 4.2.

The hydraulic monitoring data for the extraction wells presented on Figures 4.1 through 4.4 and in Appendix C show that water levels in the operating extraction wells were generally maintained within the design range.

4.3.2 EVALUATION OF HYDRAULIC CONTAINMENT

The evaluation of hydraulic containment by the groundwater extraction system is made using hydraulic monitoring data, groundwater and surface water analytical data, and the results of the bank (seep) inspections.

4.3.2.1 GROUNDWATER HORIZONTAL FLOW

Figures 4.1 through 4.4 show the potentiometric contours for January 2006, May 2006, July 2006, and October 2006, respectively.

Comparison of the groundwater contours representing groundwater flow under pumping conditions (Figures 4.1 through 4.4) to those representing static or non-pumping conditions (Figure 4.5) clearly demonstrates the effectiveness of the groundwater extraction system in providing hydraulic containment. Prior to the operation of the groundwater extraction system, groundwater flow was from south to north across the Site toward Conewango Creek (see Figure 4.5). The comparison of the pre-pumping potentiometric contours (Figure 4.5) to the pumping contours (Figures 4.1 through 4.4) shows that the barrier wall combined with the operation of the extraction system have altered the groundwater flow pattern and horizontal hydraulic gradient. With the groundwater extraction system operating, a groundwater depression is evident within the barrier wall and along the extraction well alignment. This cone of influence extends across the SVE area as shown on Figures 4.1 and 4.4. This pattern of groundwater flow demonstrates that a hydraulic barrier between the source area and Conewango Creek is created and maintained by the barrier wall and extraction system. In particular, hydraulic containment is achieved by the groundwater extraction system (EW-1 through EW-4) beyond the limits of the barrier wall.

Horizontal groundwater flow across the Site under static conditions is generally from south to north. The operation of the extraction system has increased the horizontal hydraulic gradient across the Site from 0.01 prior to the operation of the extraction system to approximately 0.04 in October 2006.

The hydraulic monitoring data demonstrate that groundwater flow at the Site is inward toward the extraction wells.

4.3.2.2 GROUNDWATER QUALITY

In addition to the hydraulic data noted above, the groundwater chemical data confirm the maintenance of hydraulic containment. The complete groundwater and surface water analytical database is contained in Appendix D. The Site-related chemicals present in groundwater are primarily VOCs. Therefore, the evaluation of system performance is limited to the evaluation of the presence of VOCs, specifically TCE, 1,2-DCE, and vinyl chloride.

Based on the most recent analytical data, concentrations of TCE, 1,2-DCE, and vinyl chloride in wells MW-1, MW-4D, MW-5, MW-5D, MW-6, MW-7, MW-8, and MW-10 meet the standards for Class GA (potable) groundwater.

The running average concentrations of TCE, 1,2-DCE, and vinyl chloride versus time in the wells in which exceedances of standards were recently detected (MW-2 through MW-4, MW-9, and MW-12 through MW-14) have been graphed and the graphs are presented on Figures 4.6 through 4.12. Data from well MW-11 have not been plotted because, as described in Section 4.1, results from this well are not indicative of the overall groundwater quality in the CSA. If linear trend lines were plotted on the graphs they would show the following:

i) stable and low running average concentrations of vinyl chloride in all wells except MW-2;

ii) increasing running average concentrations in MW-2 since the commencement of the well pumping program;

iii) decreasing or stable running average concentrations of TCE and 1,2-DCE in wells MW-3, MW-4, MW-9, and MW-13;

iv) a decrease in running average concentration of TCE in MW-12 since October 2001 with increasing concentrations of 1,2-DCE since October 2000, and stable vinyl chloride concentrations throughout;

v) decreasing running average concentrations of TCE and 1,2-DCE in MW-14 between 1999 and April 2004 and increasing concentrations since December 2004; and

vi) stable and low running average concentrations of vinyl chloride in MW-14 throughout the monitoring program.

With the groundwater extraction system operating, evaluation of the effectiveness of natural attenuation is difficult. Potential decreases in TCE concentration are masked by

higher concentrations drawn into the area through pumping. In addition, the action of pumping the extraction wells may compromise the naturally occurring anaerobic conditions favorable to the biodegradation of TCE. Nonetheless, where either long- or short-term trends show decreasing or stable concentrations of TCE accompanied by increasing trends of 1,2-DCE and/or vinyl chloride, such as at MW-12, these trends are indicative of the recovery of the plume of TCE degradation products and/or natural attenuation through degradation of the TCE in the area.

Monitoring well MW-12 is located off-Site beyond the limit of the groundwater extraction system and barrier wall. MW-12 was installed in 1993 as part of the Remedial Investigation at the Site and it was known that the extent of the TCE plume extended west of the well location. The source of the TCE in this area was groundwater migration from the Site, in particular from the MW-4 and MW-13 areas. Continued migration of the groundwater contaminant plume away from the Site due to lack of containment, if occurring, would be manifested in MW-12 and the nearest on-Site monitoring wells (MW-4 and MW-13) by increasing TCE concentrations. To the contrary, evaluation of the graphs of running average concentrations versus time for these wells (Figures 4.8, 4.10, and 4.11) shows that the running average concentrations of TCE, which steadily increased between April 1999 and October 2000, have steadily decreased since October 2001. These trends in VOC concentration demonstrate the recovery of the off-Site plume of VOCs in groundwater. The maintenance of the cone of influence around the extraction system has increased the horizontal hydraulic gradient from the vicinity of MW-12 inward toward the extraction system. This gradient has resulted in the recovery of the chemical plume, which in 1993 was assumed to have migrated beyond MW-12, inward toward MW-12 and eventually to the extraction system.

Monitoring well MW-14 is located along the north boundary of the Site, approximately 50 feet north of extraction wells EW-2 and EW-3 and 75 feet northwest of monitoring well MW-3. The recent concentrations of TCE and DCE in samples collected from MW-14 are not consistent with the data from the nearest monitoring wells, MW-3 and MW-13. As shown on Figures 4.7 and 4.11, the VOC concentrations in these wells are comparatively low when compared to MW-14 and have remained stable over the period in which increasing trends are apparent in MW-14. These data demonstrate that the elevated concentrations of TCE and DCE in MW-14 are localized. In addition, no monitoring wells within the Site exhibit concentrations of TCE or DCE which are comparable to current concentrations in MW-14. Therefore, the detection of elevated concentrations of TCE and DCE in MW-14 is not indicative of a loss of containment of the on-Site groundwater plume. Keywell will collect groundwater samples from the extraction wells nearest MW-14 (EW-2 and EW-3) to verify that similar concentrations are not present.

4.3.2.3 VOC PRESENCE IN MW-2

Following its review of the 2003 Annual Report, NYSDEC expressed concern with the persistence of VOC presence in samples collected from monitoring well MW-2. To address that concern and gather additional data to further evaluate VOC presence in the vicinity of MW-2, Keywell initiated a groundwater extraction program in well MW-2. A letter detailing the proposed extraction of groundwater at MW-2 was submitted to G. Sutton (NYSDEC) on September 23, 2004. Pumping of well MW-2 commenced with step drawdown tests conducted on September 30, 2004. The routine pumping program began on December 7, 2004.

Approximately 6,151 gallons of groundwater were removed from MW-2 since the commencement of the pumping program. A summary of the pumping data is presented in Table 4.3. The Chemicals of Concern (COC) analytical results from the samples collected from MW-2 during the pumping program are presented with a summary of historic results in Table 4.4. A total of 10.2 pounds of COCs have been removed from MW-2 during the pumping program through December 2006.

4.3.2.4 SURFACE WATER QUALITY

No seeps have been observed on the bank of Conewango Creek since the commencement of operation of the extraction system in 1993. NYSDEC approved the discontinuation of chemical monitoring of surface water in Conewango Creek in 2001 since no chemicals were detected in the surface water samples collected during the monitoring program. However, Keywell has voluntarily continued to monitor surface water quality in the creek through sampling. A sample was collected from Conewango Creek in May 2006 and analyzed for VOCs; no VOCs were detected. These conditions further demonstrate the effectiveness of the remedial system in providing a barrier to groundwater flow to Conewango Creek.

4.4 CONCLUSION

Given the combined effectiveness of the barrier wall and groundwater extraction system in achieving containment of the groundwater VOC plume, there is no need to implement the contingency plan of extending the barrier wall at this time.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based upon the review of the O&M data presented in the previous sections of this report, the following conclusions regarding the effectiveness of the remedial systems and recommendations for modification of the operating and monitoring programs are made.

5.1 CONCLUSIONS

1. The monitoring data demonstrate that the Site remediation system is effective in achieving its goals and objectives, namely:
   a) the containment and removal of VOCs from the groundwater, thus reducing potential human and environmental risk and restoring water quality; and
   b) prevention of discharge of impacted groundwater to Conewango Creek.
2. The groundwater extraction system has operated reliably since its startup. Both the analytical and hydraulic monitoring data demonstrate that the barrier wall and groundwater extraction system are effective in creating a barrier to the flow of groundwater inside the alignment of these systems to Conewango Creek.
3. No groundwater seeps have been observed since startup of the groundwater extraction system; therefore, there is no potential for direct discharge of groundwater through the bank to Conewango Creek.
4. Review of the operating data from the extraction wells in the CSA demonstrates the effectiveness of the operation of the groundwater extraction system in removing chemical presence in this area.

5.2 RECOMMENDATIONS

The following recommendations are made for the continuing improvement of the operation and monitoring of the existing remediation system:

i) effluent monitoring of the extraction wells in the CSA will be conducted quarterly for the purposes of calculations of mass removal;

ii) the components of the groundwater extraction system will continue to be inspected and repaired as necessary to maintain optimal operation. This will

include inspecting and replacing, as necessary, gaskets, valves, etc., on the extraction pump, header, and well heads;

iii) the water level elevations in the extraction wells will be closely monitored and well rehabilitation or repair will be performed as necessary to maintain the drawdown in these wells;

iv) the pumping of MW-2 will continue. Water levels in MW-2 will be measured monthly and pumping will be conducted whenever the depth to water is 12 feet or less; and

v) Keywell will initiate manual pumping of groundwater from monitoring well MW-14 in conjunction with the pumping program currently conducted in MW-2. All procedures will be the same as in place for MW-2.

No modifications to the operation of the extraction system are proposed at this time.

JANUARY 2006

LEGEND

- SHALLOW MONITORING WELL
- GROUNDWATER EXTRACTION WELL
- COMBINATION GROUNDWATER/ SOIL VAPOR EXTRACTION WELL
- DISTRICT WATER SUPPLY WELL
- SURFACE WATER MONITORING LOCATION
- PIEZOMETER
- SWALE/CULVERT
- FENCE
- BARRIER WALL ALIGNMENT
- (1400.26) WATER LEVEL ELEVATION

MP-1 ■ ■ MP-2

2 2A 1 T-3 MW-7 (1246.53)

MW-12 (1242.65)

FALCONER-FREWSBURG ROAD

MW-5 (1249.54)

EW-1 (1227.51) MW-13 (1242.12) SW-1

EW-2 (1228.04)

EW-3 (1228.36) MW-14 (1238.63)

MW-4 (1245.98)

EW-4 (1229.33) MW-3 (1242.44)

EW-5 (1228.69)

EW-6 (1229.76)

MW-8 (1251.79)

EW-7 (1228.13)

MW-9 (1241.83)

EW-8 (1229.96)

Conewango Creek

EW-9 (1229.41) MW-2 (1241.40) SW-2

MW-10/BH-P (1248.14) (1228.43) SVE-17 SVE-18 (1230.43)

SVE-16 (1229.27) PZ-1-96 (1246.62)

CENTER SOIL AREA

SVE-15 (1229.31) SVE-13 (1229.22)

SVE-14 (1229.46) MW-11 (1245.91)

EW-10 (1228.58)

EW-11 (1228.84)

EW-12 (1228.15) PZ-3-97 (1244.86)

STORMCEPTER AREA

LOW LYING WET AREA

POND

PZ-2 (1241.32)

MW-6 (1246.62)

MW-1 (1256.12)

1250 1245 1240 1245 1250

N

0 60 150ft

figure 4.1

POTENTIOMETRIC CONTOURS
WATER TABLE AQUIFER - JANUARY 2006
VACAIR ALLOYS DIVISION
Frewsburg, New York

02326-00(040)GN-BE001 DEC 19/2006

MAY 2006

LEGEND

- SHALLOW MONITORING WELL
- GROUNDWATER EXTRACTION WELL
- COMBINATION GROUNDWATER/ SOIL VAPOR EXTRACTION WELL
- DISTRICT WATER SUPPLY WELL
- SURFACE WATER MONITORING LOCATION
- PIEZOMETER
- SWALE/CULVERT
- FENCE
- BARRIER WALL ALIGNMENT
- (1400.26) WATER LEVEL ELEVATION

MP-1 MP-2

2 2A 1 T-3 MW-7 (1245.59)

MW-12 (1241.22)

FALCONER-FREWSBURG ROAD

MW-5 (1248.14)

EW-1 (1227.90) MW-13 (1240.68) SW-1

EW-2 (1227.35)

EW-3 (1229.12) MW-14 (1237.24)

MW-4 (1243.98) EW-4 (1229.73) MW-3 (1239.87)

EW-5 (1228.65)

EW-6 (1229.71)

Conewango Creek

MW-8 (1251.02)

EW-7 (1228.01)

MW-9 (1237.78)

EW-8 (1229.12)

EW-9 (1228.74) MW-2 (1239.14) SW-2

MW-10/BH-P (1246.62) (1228.62) SVE-17 SVE-18 (1230.38)

SVE-16 (1229.38) PZ-1-96 (1245.93)

CENTER SOIL AREA

SVE-15 (1229.11) SVE-13 (1228.81)

SVE-14 (1228.73) MW-11 (1243.64)

EW-10 (1228.49)

EW-11 (1228.66)

EW-12 (1228.08) PZ-3-97 (1244.34)

STORMCEPTER AREA

LOW LYING WET AREA

POND

PZ-2 (1240.57)

MW-6 (1245.63)

MW-1 (1253.86)

1250 1245 1240 1245 1250

N

0 60 150ft

figure 4.2

POTENTIOMETRIC CONTOURS
WATER TABLE AQUIFER - MAY 2006
VACAIR ALLOYS DIVISION
Frewsburg, New York

02326-00(040)GN-BE002 DEC 19/2006

JULY 2006

LEGEND

- SHALLOW MONITORING WELL
- GROUNDWATER EXTRACTION WELL
- COMBINATION GROUNDWATER/ SOIL VAPOR EXTRACTION WELL
- DISTRICT WATER SUPPLY WELL
- SURFACE WATER MONITORING LOCATION
- PIEZOMETER
- SWALE/CULVERT
- FENCE
- BARRIER WALL ALIGNMENT
- (1400.26) WATER LEVEL ELEVATION

MP-1 MP-2

FALCONER-FREWSBURG ROAD

Conewango Creek

2 2A 1 T-3 MW-7 (1245.22) MW-12 (1240.65)

MW-5 (1247.78) EW-1 (1227.20) MW-13 (1242.57) SW-1

EW-2 (1227.81) EW-3 (1228.28) EW-4 (1228.68) EW-5 (1228.69) EW-6 (1230.16) MW-14 (1239.49) MW-3 (1241.14)

MW-4 (1245.28)

MW-8 (1251.69)

EW-7 (1227.95) MW-9 (1243.19) EW-8 (1228.41) EW-9 (1228.64) MW-2 (1238.77) SW-2

MW-10/BH-P (1247.36) (1229.14) SVE-17 SVE-18 (1230.07) SVE-16 (1229.07) PZ-1-96 (1241.92) SVE-15 (1238.66) SVE-13 (1229.23) SVE-14 (1228.73) MW-11 (1243.14)

CENTER SOIL AREA

STORMCEPTER AREA

EW-10 (1227.82) EW-11 (1228.56) EW-12 (1227.09) PZ-3-97 (1245.51)

LOW LYING WET AREA

POND

PZ-2 (1242.89) MW-6 (1246.98)

MW-1 (1255.26)

1250 1245 1240 1245 1250

N

0 60 150ft

figure 4.3

POTENTIOMETRIC CONTOURS
WATER TABLE AQUIFER - JULY 2006
VACAIR ALLOYS DIVISION
Frewsburg, New York

02326-00(040)GN-BE003 DEC 19/2006

OCTOBER 2006

LEGEND

- SHALLOW MONITORING WELL
- GROUNDWATER EXTRACTION WELL
- COMBINATION GROUNDWATER/ SOIL VAPOR EXTRACTION WELL
- DISTRICT WATER SUPPLY WELL
- SURFACE WATER MONITORING LOCATION
- PIEZOMETER
- SWALE/CULVERT
- FENCE
- BARRIER WALL ALIGNMENT
- (1400.26) WATER LEVEL ELEVATION
- (NM) NOT MEASURED

N

0 60 150ft

MP-1 MP-2

2 2A 1

T-3

MW-7 (1245.33)

MW-12 (1242.33)

FALCONER-FREWSBURG ROAD

MW-5 (1247.87)

EW-1 (1227.46)

MW-13 (1240.87)

SW-1

EW-2 (1227.95)

EW-3 (1228.33)

MW-14 (1236.68)

MW-4 (1244.27)

EW-4 (1229.38)

MW-3 (1240.13)

EW-5 (1229.20)

EW-6 (1230.26)

Conewango Creek

MW-8 (1251.83)

EW-7 (1228.61)

MW-9 (1237.13)

EW-8 (1228.96)

EW-9 (1228.66)

MW-2 (1240.87)

SW-2

MW-10/BH-P (1247.27)

(1229.59)

SVE-17

SVE-18 (1230.55)

SVE-16 (1229.12)

PZ-1-96 (1242.81)

CENTER SOIL AREA

SVE-15 (NM)

SVE-13 (1228.88)

SVE-14 (1228.91)

MW-11 (1243.59)

EW-10 (1228.62)

EW-11 (1229.35)

EW-12 (1227.13)

PZ-3-97 (1245.61)

STORMCEPTER AREA

LOW LYING WET AREA

POND

PZ-2 (1245.43)

MW-6 (1247.74)

1240

1245

1250

MW-1 (1254.92)

figure 4.4

POTENTIOMETRIC CONTOURS
WATER TABLE AQUIFER - OCTOBER 2006
VACAIR ALLOYS DIVISION
Frewsburg, New York

02326-00(040)GN-BE004 DEC 19/2006

LEGEND

- SHALLOW MONITORING WELL
- SURFACE WATER MONITORING LOCATION
- (1231.89) WATER ELEVATION - JUNE 14, 1993
- CONTOUR
- SWALE/CULVERT
- FENCE

FALCONER-FREWSBURG ROAD

Conewango Creek

POND

LOW LYING WET AREA

MW-1 (1254.18)
MW-2 (1240.32)
MW-3 (1242.26)
MW-4 (1244.92)
MW-5 (1248.94)
MW-6 (1245.74)
MW-7 (1246.17)
MW-8 (1251.88)
MW-9 (1243.99)
MW-10/BH-P (1247.94)
MW-11 (1246.91)
MW-12 (1241.86)
SW-1 (1237.43)

1254 1252 1250 1248 1246 1244 1240 1238

N

0 60 150ft

figure 4.5

POTENTIOMETRIC CONTOURS
WATER TABLE AQUIFER - STATIC CONDITION
VACAIR ALLOYS DIVISION
Frewsburg, New York

02326-00(040)GN-NF007 DEC 15/2006

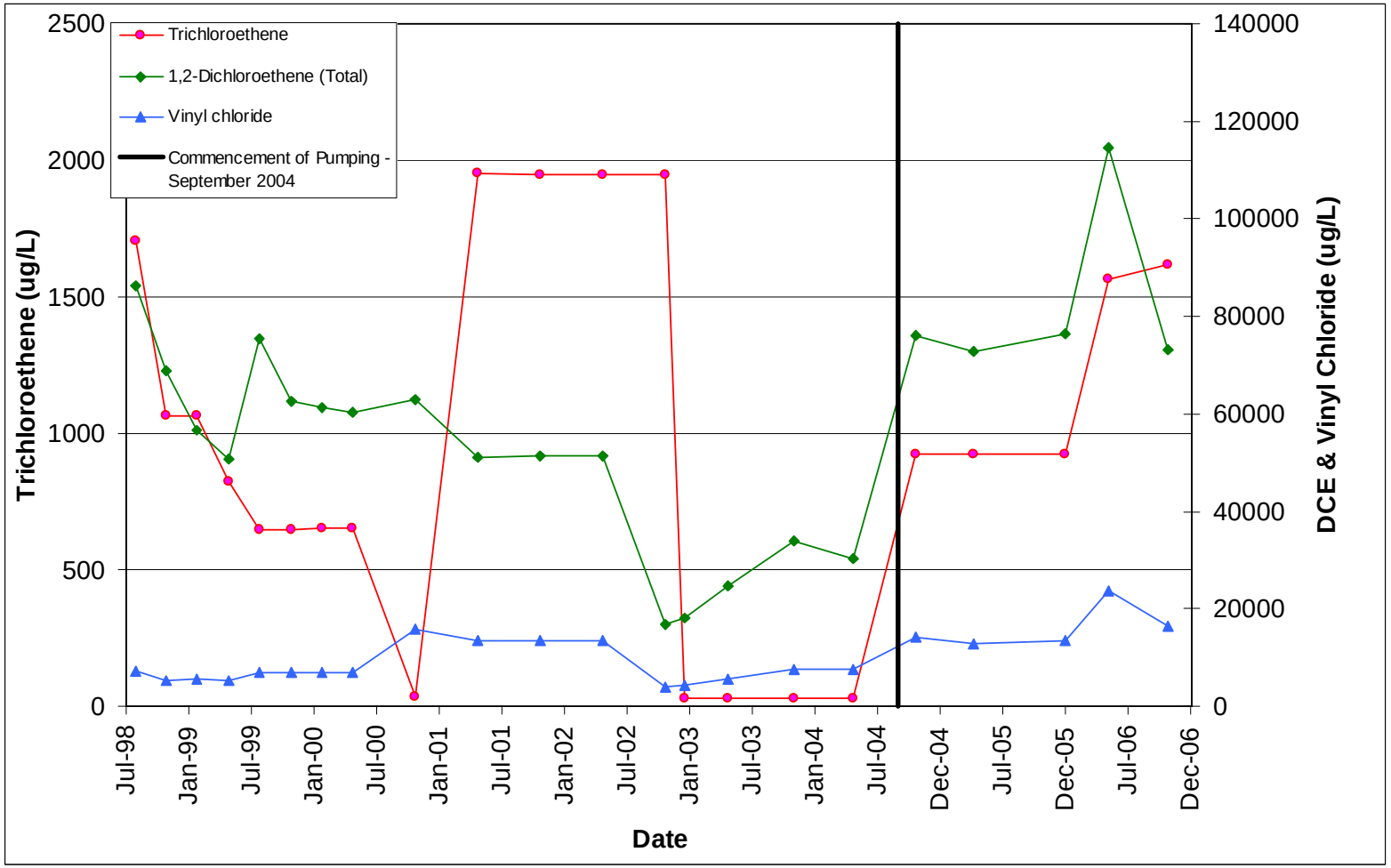

figure 4.6

RUNNING AVERAGE CONCENTRATIONS VERSUS TIME - MW-2
VACAIR ALLOYS DIVISION
Frewsburg, New York

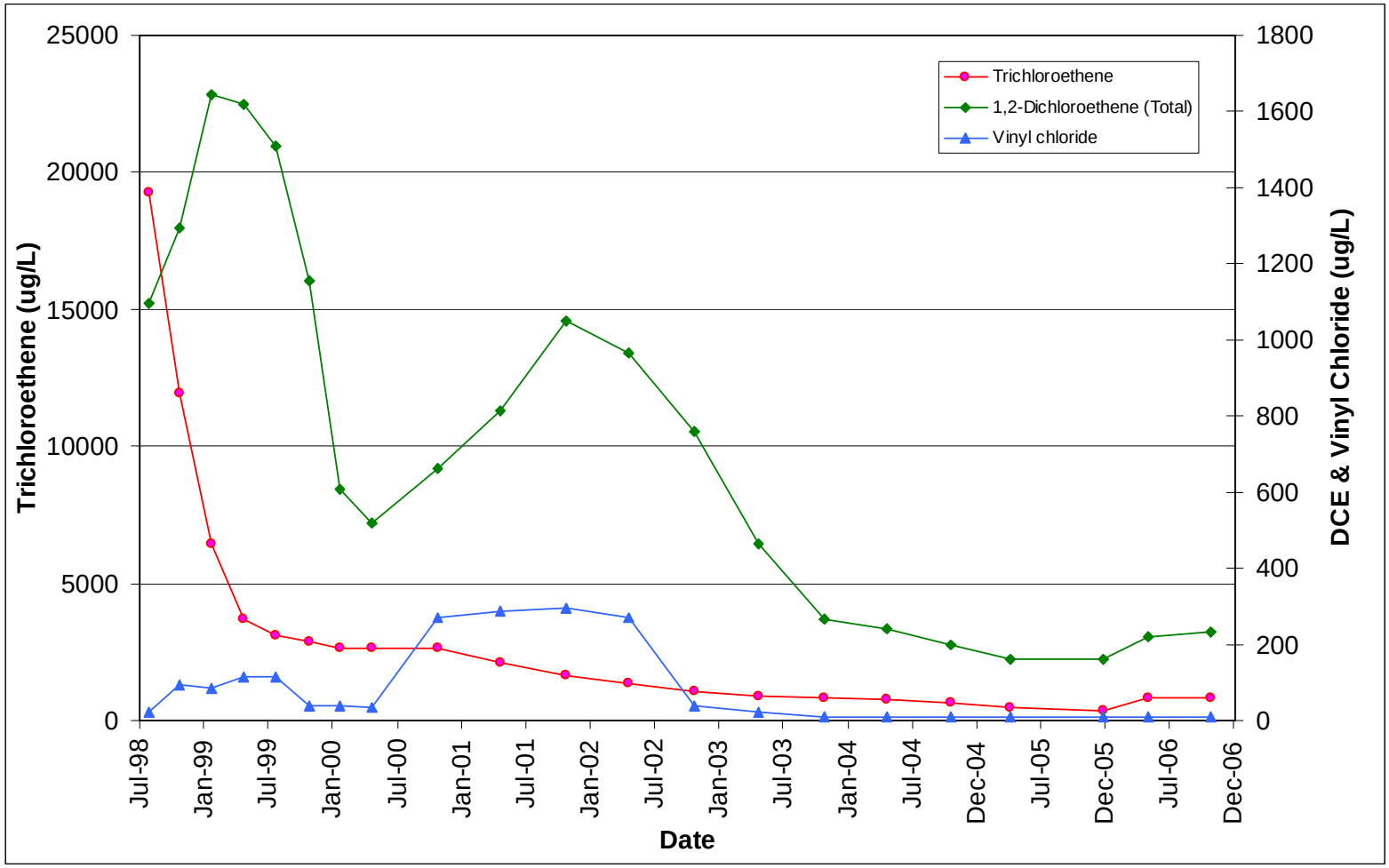

figure 4.7

RUNNING AVERAGE CONCENTRATIONS VERSUS TIME - MW-3
VACAIR ALLOYS DIVISION
Frewsburg, New York

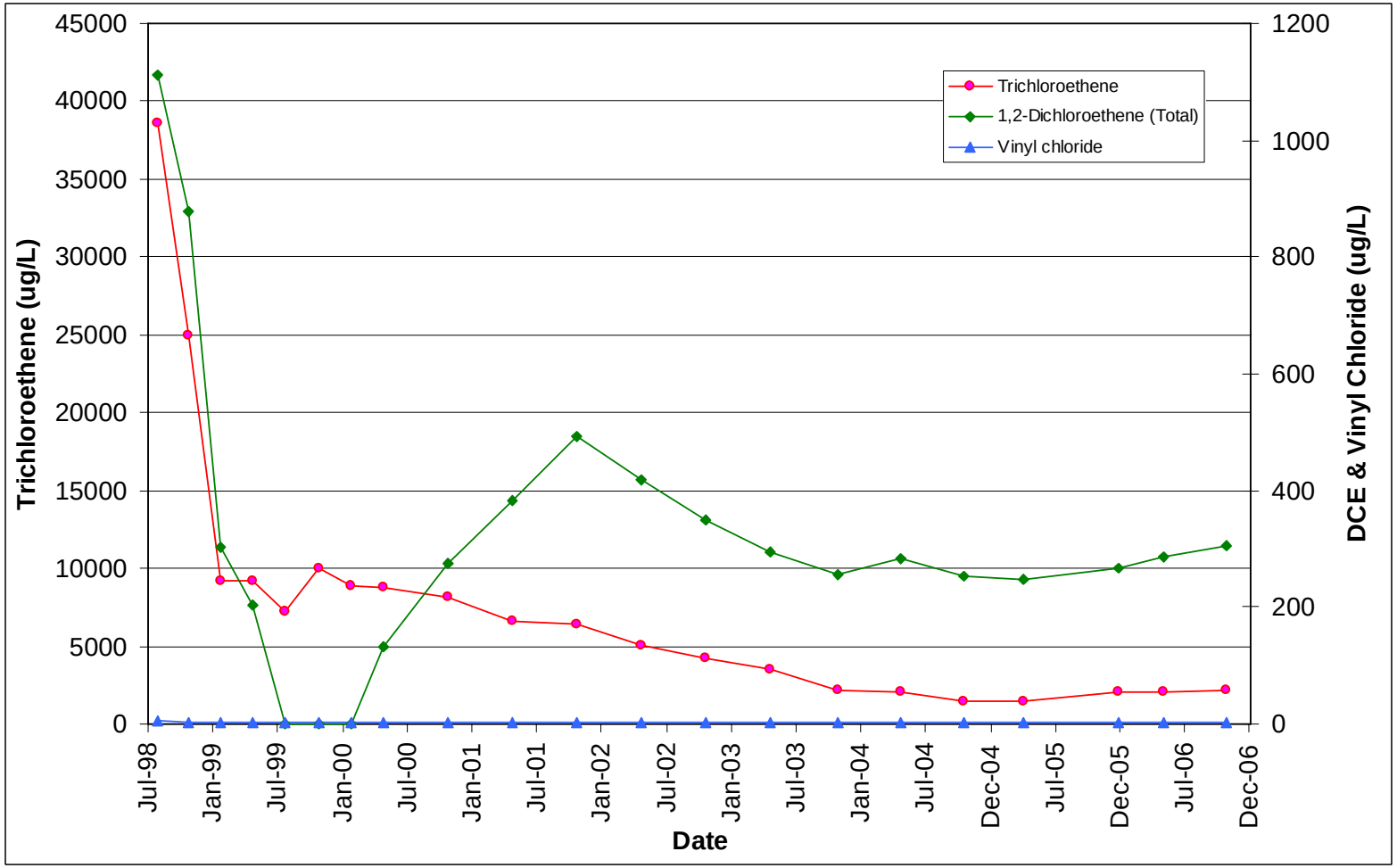

figure 4.8

RUNNING AVERAGE CONCENTRATIONS VERSUS TIME - MW-4
VACAIR ALLOYS DIVISION
Frewsburg, New York

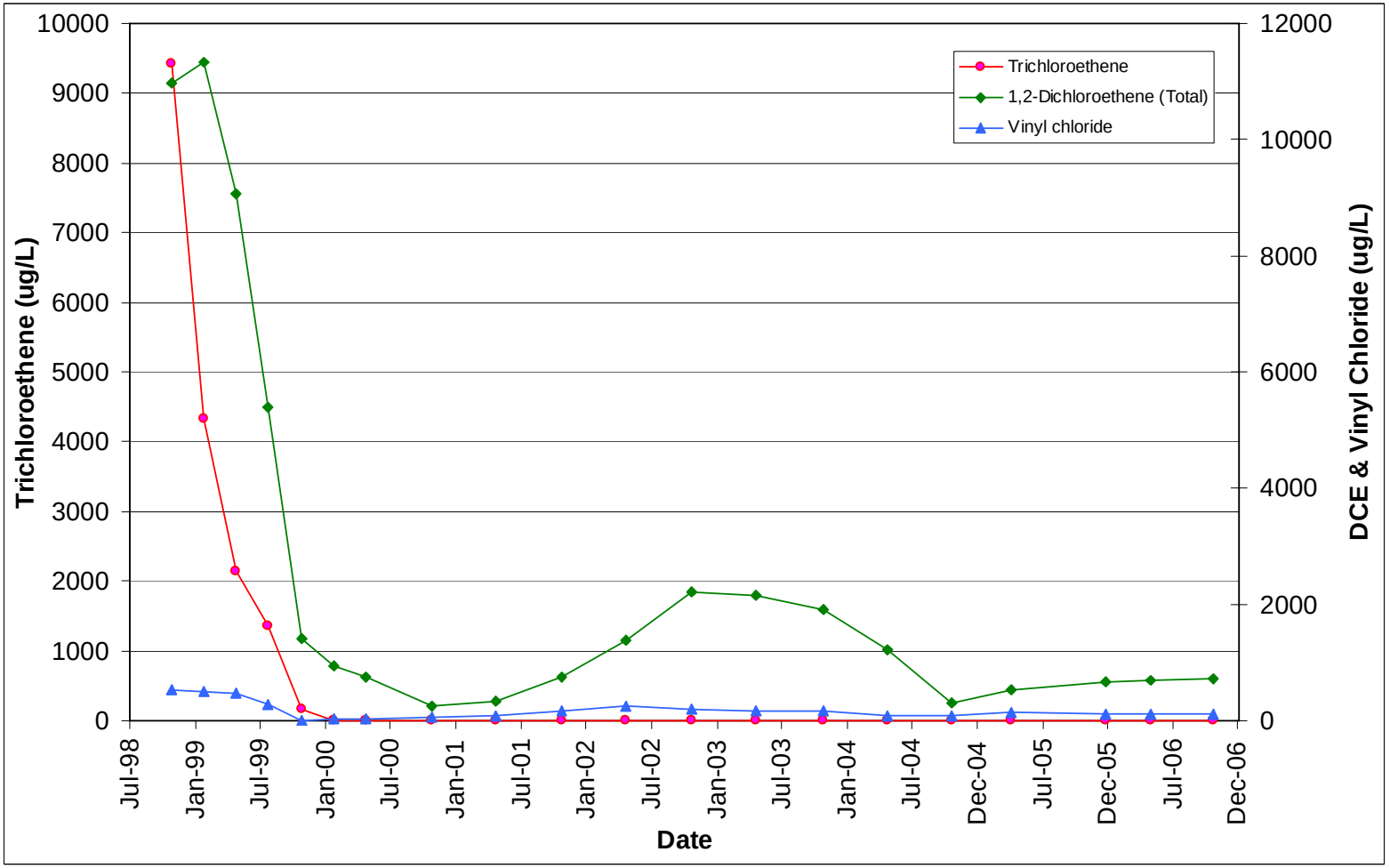

figure 4.9

RUNNING AVERAGE CONCENTRATIONS VERSUS TIME - MW-9
VACAIR ALLOYS DIVISION
Frewsburg, New York

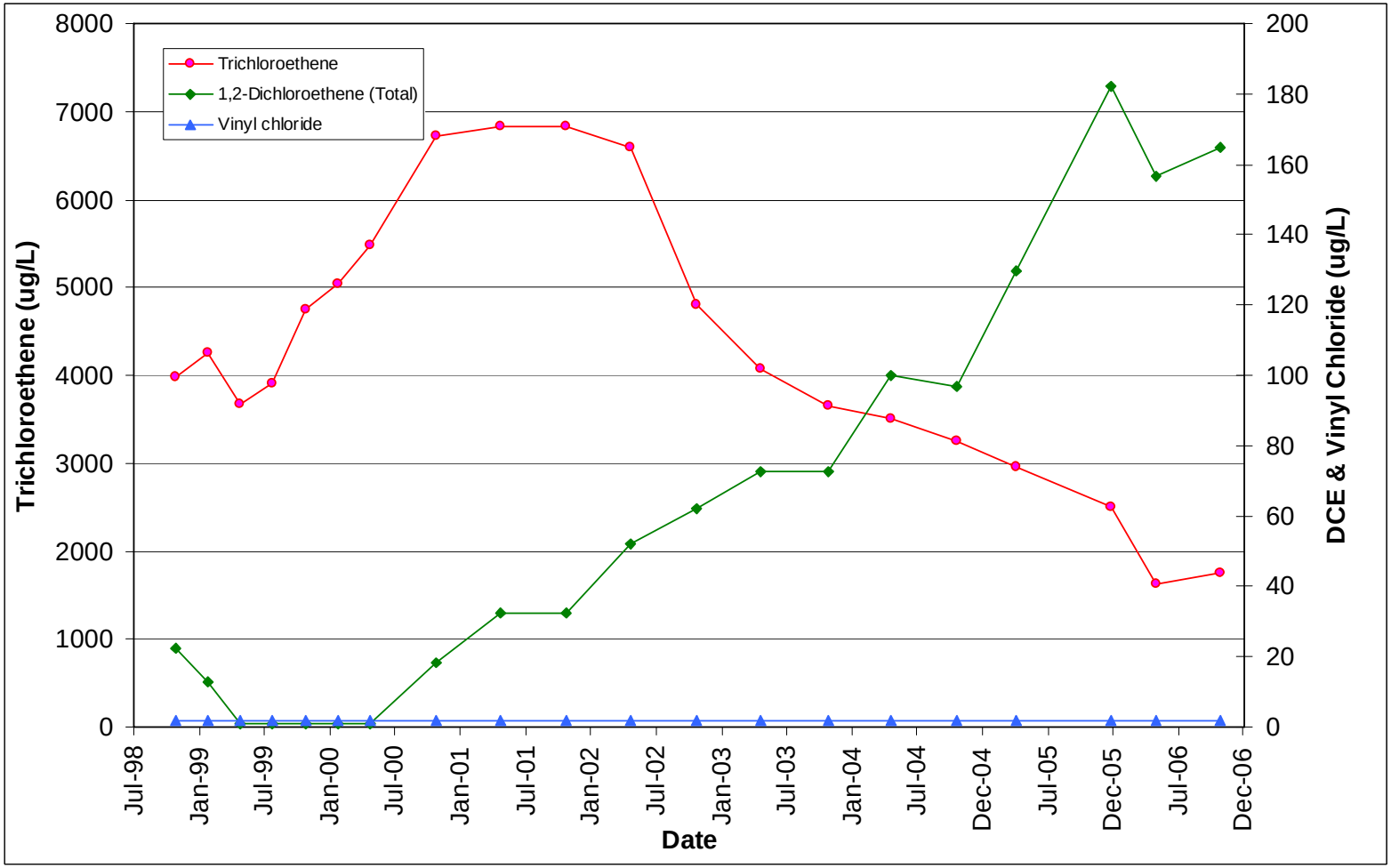

figure 4.10

RUNNING AVERAGE CONCENTRATIONS VERSUS TIME - MW-12
VACAIR ALLOYS DIVISION
Frewsburg, New York

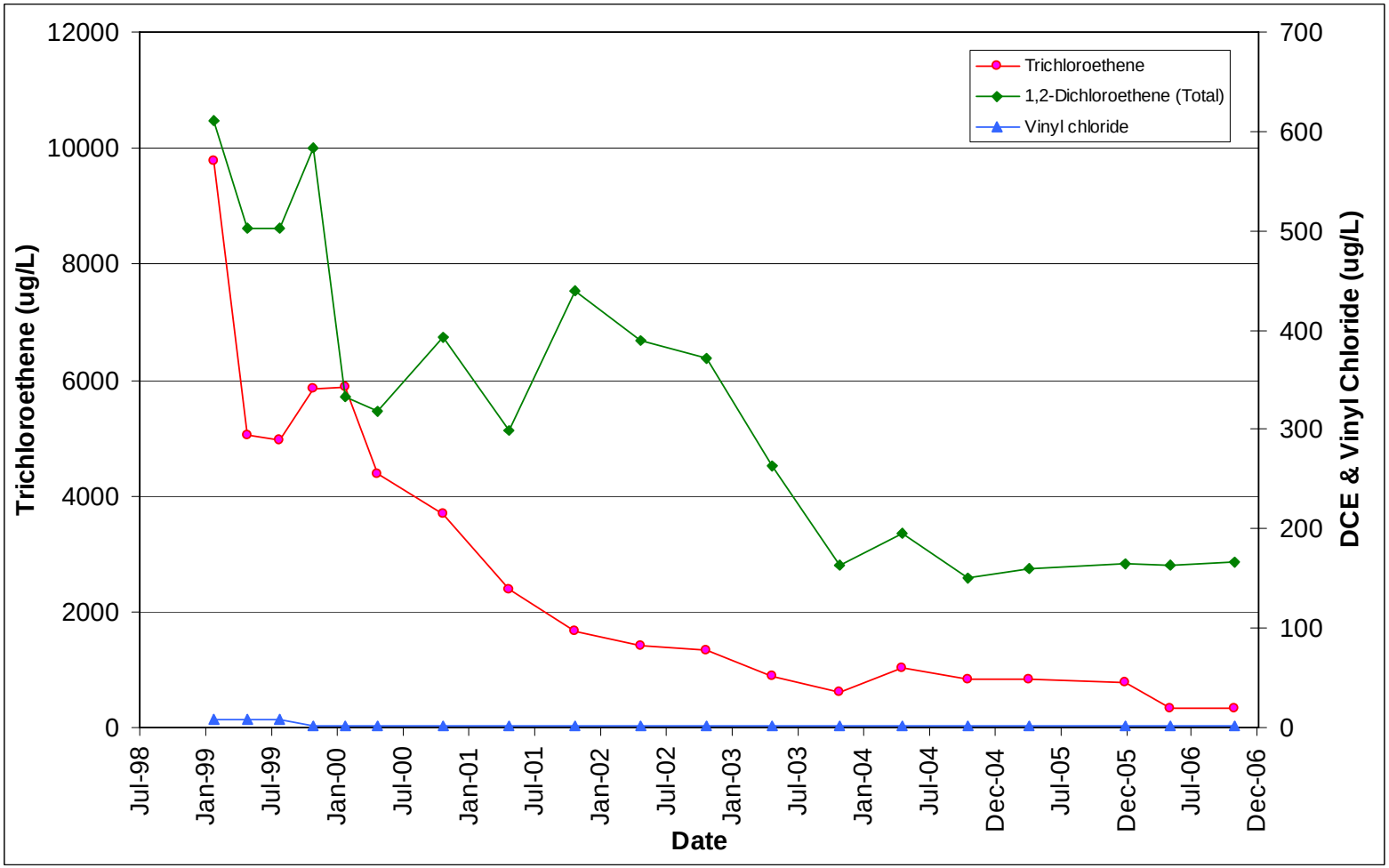

figure 4.11

RUNNING AVERAGE CONCENTRATIONS VERSUS TIME - MW-13
VACAIR ALLOYS DIVISION
Frewsburg, New York

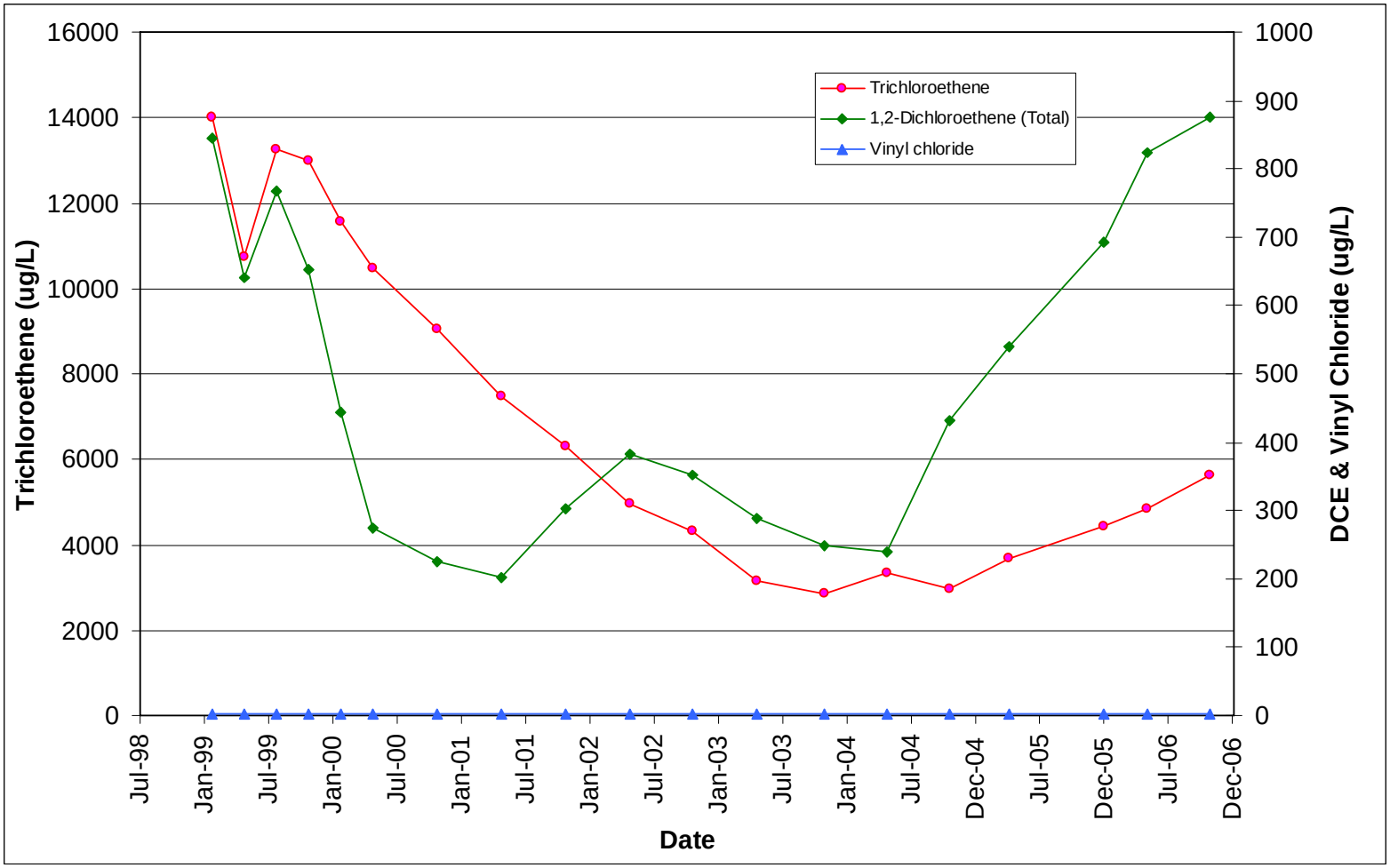

figure 4.12

RUNNING AVERAGE CONCENTRATIONS VERSUS TIME - MW-14
VACAIR ALLOYS DIVISION
Frewsburg, New York

TABLE 1.1

INSPECTION, SAMPLING, AND MONITORING FREQUENCIES
VACAIR ALLOYS
FREWSBURG, NEW YORK

Remedial Component	*Activity*	*Frequency*
Site Paving / Wells		
Inspection	Inspect for damage, defects, cracks, ponded water, etc.	Monthly
Repairs		As Needed
Stormwater Systems		
Stormceptor / Catchbasins	Inspect for sediment/oil accumulation. Sediment removal.	Monthly
Sewer Bedding Sump	Inspect for proper operation, sediment	Monthly
Groundwater Extraction and Treatment System		
Gauge readings, equipment inspections	Read and record gauge and indicator readings, inspect equipment and piping for operation and leaks, alarms	Daily
Bag Filters	Change at 15 psi pressure (Daily Form 5)	As Needed
NAPL Drum	Change based on NAPL level	As Needed
Air Stripper	Review O&M instructions	Monthly
Environmental Sampling and Monitoring		
Seep Inspections	Inspect seeps for flow	Semi-annually
Seep Sampling	Collect and analyze seep water	After 2 consecutive seeps
Hydraulic Monitoring	• EW-5 and EW-12 • Extraction and SVE Wells • Monitoring Wells and Piezometers • Conewango Creek	Monthly Quarterly Quarterly Quarterly
Groundwater Quality Monitoring[1]	• Monitoring Wells	Biennial: MW-1, MW-4, MW-4D, MW-6, MW-8, MW-10 Annual: MW-5, MW-5D, MW-7 Semi-Annual: MW-2, MW-3, MW-4, MW-9, MW-11, MW-12, MW-13, MW-14
	• Conewango Creek	None
Discharge Effluent Monitoring	• pH • Oil and Grease, Aluminum, Iron, Zinc • Volatile Organic Compounds	Monthly Semi-Annually Monthly
Site Security, Fencing, Building, Etc.		
Inspection	Inspect for problems/defects	Monthly
Reporting		
Quarterly Environmental Monitoring and Inspection Reports		Quarterly
Annual Performance Evaluation Reports		Annually

Notes:

(1) Last modified with NYSDEC approval, August 2005.

TABLE 3.1

EFFLUENT DISCHARGE LIMITATIONS
VACAIR ALLOYS
FREWSBURG, NEW YORK

Effluent Parameter	*Daily Average*	*Daily Maximum*	*Units*
Flow	Monitor	50,000	GPD
pH (range)	Monitor	6.0 - 9.0	SU
Oil and Grease	Monitor	15	mg/L
Aluminum, total	Monitor	2700	µg/L
Iron, total	Monitor	2000	µg/L
Zinc, total	Monitor	400	µg/L
VOCs	Monitor	10*	µg/L

Notes:

*	Each individual compound.
µg/L	Micrograms per Liter.
GPD	Gallons Per Day.
mg/L	Milligrams per Liter.
SU	Standard Units.
VOCs	Volatile Organic Compounds.

TABLE 3.2

GROUNDWATER EXTRACTION VOLUMES AND RATES
VACAIR ALLOYS
FREWSBURG, NEW YORK

Month	*End of Month Totalizer Reading (Gallons)*	*Extracted Volume (Gallons)*	*Operating Time (Hours)*	*Maximum Daily Flow (gpm)*	*Monthly Average Flow (gpm)*	*Annual Average Flow (gpm)*
December-99	9,361,316					
January-00	9,527,470	166,154	744	16.2	3.7	
February-00	9,943,730	416,260	665	15.7	10.4	
March-00	10,429,380	485,650	744	20.4	10.9	
April-00	10,870,460	441,080	720	20.1	10.2	
May-00	11,384,330	513,870	744	20.2	11.5	
June-00	11,697,340	313,010	720	15.4	7.2	
July-00	11,873,130	175,790	312	18.6	9.4	
August-00	12,036,790	163,660	648	18.7	4.2	
September-00	12,383,120	346,330	720	17.6	8.0	
October-00	12,876,160	493,040	744	21.1	11.0	
November-00	13,295,460	419,300	720	13.7	9.7	
December-00	13,965,682	670,222	744	19.6	15.0	9.3
January-01	14,534,440	568,758	744	18.6	12.7	
February-01	14,889,400	354,960	672	18.7	8.8	
March-01	15,377,750	488,350	744	12.1	10.9	
April-01	15,933,550	555,800	720	18.6	12.9	
May-01	16,365,580	432,030	744	16.2	9.7	
June-01	16,805,439	439,859	720	12.1	10.2	
July-01	17,199,270	393,831	576	17.6	11.4	
August-01	17,594,689	395,419	744	12.5	8.9	
September-01	17,925,190	330,501	720	16.7	7.7	
October-01	18,447,419	522,229	744	11.6	11.7	
November-01	18,823,644	376,225	720	12.5	8.7	
December-01	19,205,500	381,856	744	9.6	8.6	10.2
January-02	19,590,599	385,099	696	14.1	9.2	
February-02	20,011,440	420,841	468	22.2	15.0	
March-02	20,370,040	358,600	696	26.2	8.6	
April-02	20,958,500	588,460	720	14.1	13.6	
May-02	21,437,177	478,677	744	22.2	10.7	
June-02	21,794,240	357,063	720	26.2	8.3	
July-02	22,195,200	400,960	696	14.4	9.6	
August-02	22,542,470	347,270	480	26.7	12.1	
September-02	22,978,729	436,259	672	21.2	10.8	
October-02	23,311,690	332,961	624	19.2	8.9	
November-02	23,594,170	282,480	720	10.5	6.5	
December-02	23,961,847	367,677	744	13.3	8.2	10.1
January-03	24,273,900	312,053	672	9.1	7.7	
February-03	24,533,450	259,550	672	7.4	6.4	
March-03	24,817,969	284,519	744	14.6	6.4	
April-03	25,279,110	461,141	712	12.2	10.8	
May-03	25,664,420	385,310	744	10.3	8.6	
June-03	26,140,240	475,820	711	14.4	11.2	
July-03	26,555,470	415,230	726	16.8	9.5	
August-03	26,921,479	366,009	737	18.6	8.3	
September-03	27,328,129	406,650	720	10.6	9.4	
October-03	27,690,040	361,911	744	10.8	8.1	
November-03	27,975,189	285,149	716	6.8	6.6	
December-03	28,147,131	171,942	740	3.6	3.9	8.1

TABLE 3.2

GROUNDWATER EXTRACTION VOLUMES AND RATES
VACAIR ALLOYS
FREWSBURG, NEW YORK

Month	End of Month Totalizer Reading (Gallons)	Extracted Volume (Gallons)	Operating Time (Hours)	Maximum Daily Flow (gpm)	Monthly Average Flow (gpm)	Annual Average Flow (gpm)
January-04	28,338,310	191,179	683	3.8	4.7	
February-04	28,450,980	112,670	696	2.6	2.7	
March-04	28,613,860	162,880	744	2.8	3.6	
April-04	28,707,748	93,888	476	6.6	3.3	
May-04	29,114,869	407,121	624	6.8	10.9	
June-04	29,521,990	407,121	720	10.6	9.4	
July-04	30,062,250	540,260	717	9.4	12.6	
August-04	30,491,533	429,283	744	12.8	9.6	
September-04	30,887,230	395,697	715	9.8	9.2	
October-04	31,274,650	387,420	690	10.7	9.4	
November-04	31,731,955	457,305	720	9.3	10.6	
December-04	32,244,655	512,700	744	7.4	11.5	8.1
January-05	32,617,810	373,155	724	11.8	8.6	
February-05	33,007,670	389,860	663	7.6	9.8	
March-05	33,406,540	398,870	737	8.4	9.0	
April-05	33,769,864	363,324	720	7.4	8.4	
May-05	34,146,044	376,180	744	5.6	8.4	
June-05	34,381,648	235,604	720	6.2	5.5	
July-05	34,610,710	229,062	669	4.6	5.7	
August-05	34,832,469	221,759	604	6.4	6.1	
September-05	35,058,030	225,561	720	8.8	5.2	
October-05	35,403,234	345,204	744	8.2	7.7	
November-05	35,505,238	102,004	552	2.8	3.1	
December-05	35,865,020	359,782	744	6.8	8.1	7.1
January-06	36,182,270	317,250	741	8.2	7.1	
February-06	36,400,980	218,710	607	7.8	6.0	
March-06	36,723,782	322,802	744	5.4	7.2	
April-06	36,919,360	195,578	720	5.6	4.5	
May-06	37,129,530	210,170	696	7.4	5.0	
June-06	37,328,760	199,230	552	4.6	6.0	
July-06	37,455,879	127,119	708	3.6	3.0	
August-06	37,751,820	295,941	744	8.1	6.6	
September-06	37,991,360	239,540	720	4.1	5.5	
October-06	38,197,730	206,370	744	5.0	4.6	
November-06	38,454,260	256,530	715	6.8	6.0	
December-06	38,527,670	73,410	744	5.2	1.6	5.3
	To Date:	*29,166,354*		*26.7*		*8.3*

Note:
gpm Gallons Per Minute.

TABLE 3.3

SUMMARY OF NON-ROUTINE MAINTENANCE
VACAIR ALLOYS
FREWSBURG, NEW YORK

January 24, 2006	System down 3 hours for cleaning of air stripper, phase separator, and piping.
February 2, 2006	System down 2 hours to repair CadOx control board.
February 9, 2006	System down 1 hour for replacement of CadOx control board.
February 16, 2006	System down 56 hours for repair of blower.
May 30, 2006	System down 9 days for extraction well redevelopment.
July 12, 2006	System down 36 hours for cleaning of air stripper and phase separator.
November 6, 2006	System down 5 hours for cleaning of air stripper.

TABLE 3.4

EXTRACTION WELL INSTALLATION DETAILS
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

Well No.	Top of Casing Elevation (ft AMSL)	Depth of Installation/ Bottom of Sump [1] (ft bgs)	Depth of Installation/ Bottom of Sump [1] (ft AMSL)	Screened Interval [1] (ft bgs)	Screened Interval [1] (ft AMSL)
EW-1	1248.63	26.4	1219.6	11.0 to 16.0	1235.0 to 1230.0
EW-2	1248.77	26.8	1219.6	12.8 to 17.8	1233.7 to 1228.7
EW-3	1250.29	28.3	1219.6	12.8 to 17.8	1235.1 to 1230.1
EW-4	1251.11	29.3	1219.6	12.8 to 17.8	1236.2 to 1231.2
EW-5	1250.32	29.8	1219.6	17.0 to 22.0	1232.4 to 1227.4
EW-6	1252.14	30.3	1219.6	18.8 to 23.8	1231.2 to 1226.2
EW-7	1251.09	30.0	1219.6	16.8 to 21.8	1232.9 to 1227.9
EW-8	1251.39	29.4	1219.6	12.3 to 17.3	1236.9 to 1231.9
EW-9	1251.52	30.4	1219.6	12.9 to 17.9	1237.2 to 1232.2
EW-10	1250.45	29.4	1219.6	13.2 to 18.2	1235.9 to 1230.9
EW-11	1250.37	29.8	1219.6	12.0 to 17.0	1237.4 to 1232.4
EW-12	1249.11	28.5	1219.6	16.0 to 21.0	1235.0 to 1230.0
EW-13	1251.64	32.0	1219.6	9.8 to 19.8	1241.9 to 1231.9
EW-14	1251.34	31.8	1219.6	10.8 to 17.8	1240.6 to 1233.6
EW-15	1251.17	31.6	1219.6	10.8 to 17.8	1240.5 to 1233.5
EW-16	1251.29	31.5	1219.6	9.5 to 19.5	1241.5 to 1231.5
EW-17	1251.00	31.9	1219.6	9.8 to 19.8	1241.5 to 1231.5
EW-18	1251.41	31.3	1219.6	11.8 to 23.8	1239.2 to 1227.2

Notes:
[1] Appendix B, "Final Construction Report", CRA, July 1998.
ft AMSL Feet Above Mean Sea Level.
ft bgs Feet Below Ground Surface.

TABLE 3.5

SUMMARY OF EXTRACTION WELL REDEVELOPMENT
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

Well No.	Top of Casing Elevation (ft AMSL)	Initial Solids Presence			Final Solids Presence			Hydraulic Conductivity		Volume Purged (gallons)
		Depth (ft bgs)	Depth (ft AMSL)	Thickness (feet)	Depth (ft bgs)	Depth (ft AMSL)	Thickness (feet)	Initial (cm/sec)	Final (cm/sec)	
EW-1	1248.63	27.0	1221.6	2.0	27.0	1221.6	2.0	3.26E-04	2.11E-04	45
EW-2	1248.77	27.4	1221.3	1.7	27.4	1221.3	1.7	8.32E-05	7.29E-04	70
EW-3	1250.29	28.5	1221.8	2.2	28.6	1221.7	2.1	1.21E-04	1.81E-04	45
EW-4	1251.11	30.0	1221.1	1.5	30.4	1220.7	1.1	5.13E-04	4.75E-04	55
EW-5	1250.32	29.8	1220.5	0.9	30.2	1220.1	0.5	2.63E-04	3.07E-04	35
EW-6	1252.14	29.6	1222.6	3.0	30.4	1221.8	2.2	1.86E-06	4.22E-04	70
EW-7	1251.09	31.3	1219.8	0.2	31.3	1219.8	0.2	1.86E-06	2.80E-04	40
EW-8	1251.39	30.0	1221.4	1.8	31.5	1219.9	0.3	4.27E-04	1.29E-03	110
EW-9	1251.52	29.9	1221.7	2.1	31.9	1219.6	0.0	1.24E-04	1.73E-04	55
EW-10	1250.45	29.1	1221.4	1.8	30.5	1219.9	0.3	1.62E-04	NA	56
EW-11	1250.37	28.9	1221.4	1.8	30.3	1220.1	0.5	3.78E-04	3.86E-04	45
EW-12	1249.11	29.8	1219.3	0.0	29.8	1219.3	0.0	1.69E-04	2.71E-04	55
EW-13	1251.64	30.4	1221.2	1.6	31.2	1220.5	0.9	2.43E-04	8.49E-04	90
EW-14	1251.34	30.0	1221.3	1.7	31.3	1220.0	0.4	NA	1.05E-03	55
EW-15	1251.17	30.8	1220.3	0.7	31.0	1220.2	0.6	1.66E-04	1.93E-04	60
EW-16	1251.29	29.0	1222.3	2.7	29.1	1222.2	2.6	NA	1.83E-04	38
EW-17	1251.00	30.0	1221.0	1.4	30.0	1221.0	1.4	3.01E-06	1.96E-05	45
EW-18	1251.41	30.7	1220.7	1.1	31.5	1220.0	0.4	3.70E-04	1.10E-03	110

Notes:

cm/sec centimeters per second
ft AMSL Feet Above Mean Sea Level.
ft bgs Feet Below Ground Surface.

TABLE 4.1

SUMMARY OF CSA GROUNDWATER EXTRACTION WELL ANALYTICAL DATA
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

		EW-13		*EW-14*		*EW-15*		*EW-16*		*EW-17*		*EW-18*	
		2002	*2006*	*2002*	*2006*	*2002*	*2006*	*2002*	*2006*	*2002*	*2006*	*2002*	*2006*
Parameters	*Units*												
Trichloroethene	µg/L	7,500	1,600	36,000	2,600	35,000	34,000	28,000	4,700	68,000 J	25,000	2,400	160
1,2-Dichloroethene	µg/L	1,500	480	1,900	1,900	13,000	16,000	1,700	2,900	3,100	1,500	540	150
Vinyl chloride	µg/L	ND	ND	ND	73	ND	ND	ND	84	ND	ND	ND	8.7 J

Notes:
CSA Center Soil Area
J Estimated.
ND Non-Detect.

TABLE 4.2

CALCULATED MONTHLY TOTAL CHEMICAL MASS REMOVED - 2006
VACAIR ALLOYS
FREWSBURG, NEW YORK

Date	*VOCs in Treatment Plant Influent (µg/L)*	*Extracted Groundwater Volume (Gallons)*	*Chemical Mass (Lbs.)*
January 2006	12,700	317,250	34
February 2006	16,600	218,710	30
March 2006	18,200	322,802	49
April 2006	17,000	195,578	28
May 2006	18,400	210,170	32
June 2006	14,900	199,230	25
July 2006	19,500	127,119	21
August 2006	16,200	295,941	40
September 2006	12,200	239,540	24
October 2006	14,300	239,540	29
November 2006	14,200	239,540	28
December 2006	5,300	73,410	3
		Total Chemical Mass Removed:	**343**

Notes:
µg/L Micrograms per Liter.
Lbs. Pounds.
VOCs Volatile Organic Compounds.

TABLE 4.3

SUMMARY OF MW-2 PUMPING PROGRAM
VACAIR ALLOYS
FREWSBURG, NEW YORK

Date			Volume (gallons)	Total COC Concentration (ug/L)	Chemical Mass Removed (pounds)	Initial Depth to Water (ft. bgs)
11/17/04	to	11/19/2004	245	222,600	0.45	11.68
12/7/2004	to	12/10/2004	335	230,200	0.64	10.14
1/4/2005	to	1/8/2005	480	121,500	0.49	9.10
2/7/2005	to	2/11/2005	420	270,100	0.95	11.82
3/14/2005	to	3/19/2005	310	92,180	0.24	10.85
4/11/2005	to	4/15/2005	427	121,790	0.43	8.75
5/9/2005	to	5/13/2005	167	81,500	0.11	11.03
6/6/2005	to	6/10/2005	<20	238,300	0.02	13.46
7/18/2005	to	7/22/2005	<20	1,026,000	0.09	12.25
8/15/2005	to	8/19/2005	<10	446,000	0.02	12.57
9/12/2005	to	9/16/2005	32	122,400	0.03	11.06
10/10/2005	to	10/14/2005	110	326,000	0.30	11.96
11/14/2005	to	11/18/2005	171	214,000	0.31	11.38
12/5/2005	to	12/9/2005	456	344,500	1.31	10.17
1/9/2006	to	1/13/2006	448	202,500	0.76	10.26
2/14/2006	to	2/18/2006	390	226,500	0.74	10.17
3/13/2006	to	3/17/2006	455	347,800	1.32	9.32
4/10/2006	to	4/13/2006	200	265,000	0.44	10.22
5/1/2006			0*	245,600	0.00	>12.0
6/1/2006			0*	NA	0.00	>12.0
7/1/2006			0*	NA	0.00	>12.0
8/1/2006			0*	NA	0.00	>12.0
9/14/2006	to	9/14/2006	305	197,400	0.50	10.17
10/16/2006	to	10/20/2006	420	157,300	0.55	10.28
11/27/2006	to	12/1/2006	435	52,200	0.19	10.48
12/18/2006	to	12/21/2006	320	111,900	0.30	10.12
		Total	**6151**		**10.2**	

Notes:
Where extracted volume is reported as "<", 1/2 the value is used in calculation.

0* Insufficient water level for pumping.
bgs Below Ground Surface.
COC Chemical of Concern.
NA No analyses performed.

TABLE 4.4

SUMMARY OF MW-2 PUMPING PROGRAM ANALYTICAL DATA
VACAIR ALLOYS
FREWSBURG, NEW YORK

Date	*Units*	*Trichloroethylene*	*cis 1,2-Dichloroethene*	*Vinyl Choride*	*Total VOCs*
12/23/97	µg/L	1,000	31,000	3,000	35,000
07/30/98	µg/L	3,200	82,000	7,400	92,600
10/27/98	µg/L	2,500	100,000	9,300	111,800
01/25/99	µg/L	250	13,000	2,700	15,950
04/28/99	µg/L	125	8,500	2,100	10,725
07/27/99	µg/L	2,500	200,000	14,000	216,500
10/27/99	µg/L	1,250	49,000	8,300	58,550
01/24/00	µg/L	52	8,100	3,900	12,052
04/25/00	µg/L	125	4,000	1,600	5,725
04/24/01	µg/L	7,700	2,400	100	10,200
10/23/01	µg/L	150	9,800	3,400	13,350
04/22/02	µg/L	50	3,600	1,200	4,850
10/23/02	µg/L	1,000	52,000	11,000	64,000
12/16/02	µg/L	165	7,400	1,900	9,465
04/23/03	µg/L	500	36,000	8,600	45,100
10/29/03	µg/L	600	40,000	8,200	48,800
04/22/04	µg/L	1,000	38,000	11,000	50,000
10/20/04	µg/L	3,600	190,000	29,000	222,600
12/07/04	µg/L	3,200	190,000	37,000	230,200
01/04/05	µg/L	1,500	100,000	20,000	121,500
02/07/05	µg/L	4,100	220,000	46,000	270,100
03/14/05	µg/L	180	78,000	14,000	92,180
04/11/05	µg/L	790	100,000	21,000	121,790
05/09/05	µg/L	1,500	63,000	17,000	81,500
06/06/05	µg/L	9,300	190,000	39,000	238,300
07/18/05	µg/L	16,000	850,000	160,000	1,026,000
08/15/05	µg/L	16,000	320,000	110,000	446,000
09/12/05	µg/L	2,400J	99,000	21,000	122,400
10/10/05	µg/L	7,000J	260,000	59,000	326,000
11/14/05	µg/L	ND10,000	170,000	39,000	214,000
12/05/05	µg/L	1,500J	280,000	63,000	344,500
01/09/06	µg/L	ND5000	160,000	40,000	202,500
02/14/06	µg/L	ND5000	180,000	44,000	226,500
03/13/06	µg/L	ND7500	280,000	64,000	347,800
04/10/06	µg/L	ND10000	220,000	40,000	265,000
09/14/06	µg/L	6,400	160,000	31,000	197,400
10/16/06	µg/L	ND4500	130,000	25,000	157,300
11/27/06	µg/L	ND2000	42,000	9,200	52,200
12/18/06	µg/L	1,900J	89,000	21,000	111,900
				Average	*246,258*

Notes:

µg/L Micrograms per liter.
J Value is estimated.
NDx Compound not detected at associated limit.
VOCs Volatile Organic Compounds.

APPENDIX A

FOURTH QUARTER 2006 MONITORING REPORT

KEYWELL L.L.C.

January 15, 2007

NYS Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue
Buffalo, NY 14203-2999
Attn: Thomas J. Biel
Geologist

Re: Quarterly Monitoring Report
Keywell L.L.C. – Vac Air Division
Site # 907016

Dear Mr. Biel:

Enclosed is the ***Quarterly Report*** from ***October 1, 2006 – December 31, 2006*** for your review and approval. This submittal has been prepared in accordance with the approved final remedial design report for the Frewsburg site.

Please contact the undersigned with any questions on this submission.

Sincerely,

Dennis C. Trostle
Vice President

cc: J. M. Lozier, Keywell L.L.C. (w/o encl.)
B. White, Karaganis & White
R. Gostek, Keywell L.L.C.
L. Wagner, Keywell L.L.C.
C. Barron, CRA
C. O'Connor, NYSDEC, DOH

DCT/pl
Encl.

VAC AIR DIVISION
P.O. Box 650
Frewsburg, NY 14738
(716) 569-0700
FAX (716) 569-4409

1. Introduction

This Quarterly Status Report summarizes the Operation and Maintenance (O&M) activities performed at the Keywell L.L.C., Vac Air site (Site) for the reporting period from October 1, 2006 of the Site's groundwater remedial system through December 31, 2006. O & M activities performed during this reporting period include routine inspections, hydraulic monitoring, groundwater sampling and the implementation of other routine O & M activities.

The O & M activities were performed in accordance with the "Operations and Maintenance Plan and the Sampling, Analysis and Monitoring Plan" (SAMP) in the approved Final Remedial Design Report for the Site.

2. Groundwater Extraction and Treatment System

2.1 Routine Operations

2.1.1 Operator Training

Keywell employees will operate, monitor and maintain the groundwater extraction and treatment system. Employees trained and familiar with the Site and the treatment plant operations are:

- Chuck Becker
- Kevin Niles
- Dennis Trostle

2.2 Groundwater Treatment System Performance and Discharge Monitoring

Treated groundwater samples were analyzed as per the revised schedule. As an added preventive, VOC's were performed in addition to DEC requirements. Hydraulic Monitoring and Groundwater Quality Monitoring were analyzed as per the revised Operations, Maintenance, Monitoring and Inspections Schedule, Table 5.1 found in Appendix D. Section 2.6 presents the data for the samples collected. Analytical results show compliance with effluent discharge requirements.

2.3 Groundwater/Creek Hydraulic Monitoring

Appendix A1 and A2 presents all water level readings and tabulations for this time period. During this time period sixteen (16) monitoring wells, eighteen (18) extraction wells and three (3) piezometers water level readings were taken as per Table 5.1 found in Appendix D.

2.4 Groundwater Quality Monitoring

Appendix B presents the validated groundwater monitoring well data collected in October 2006.

2.5 Monthly Flow Rate Data and Maximum Daily Flow Rates

Quarterly Reporting Period	End of Month Flow (gal.)	Total Month Flow (gal.)	Maximum Daily Flow (gpm)
October	38,197,730	206,370	5.0
November	38,454,260	256,530	6.8
December	38,527,670	73,410	5.2
Monthly Average		178,770	5.7

2.6 Discharge Loadings from the Facility

October/2006	6,657 gallons/day
November/2006	8,551 gallons/day
December/2006	2,368 gallons/day

Discharge Loadings are as follows:

		1/9/06	1/9/06	2/1/06	2/1/06	3/9/06	3/9/06
COMPOUNDS DETECTED	UNITS	RESULTS	# / DAY DISCHARGED	Results	# / DAY DISCHARGED	Results	# / DAY DISCHARGED
VOC's	ug/L	3.3	.00028	8.1	.00053	11	.00096
Oil & Grease	mg/L	ND<5.7	<.5				
Aluminum	ug/L	ND<200	<.017				
Iron	ug/L	1,430	.12				
Zinc	ug/L	10.0	.0008				
pH		8.2		8.1		7.5	

		4-27-06	4-27-06	5-8-06	5-8-06	6-12-06	6-12-06
Compounds Detected	Units	Results	#/Day Discharged	Results	#/Day Discharged	Results	#/Day Discharged
VOC's	ug/L	ND<1	<.00005	ND<1	<.00005	ND<1	<.00005
Oil & Grease	ug/L						
Aluminum	ug/L						
Iron	ug/L						
Zinc	ug/L						
pH		7.9		7.9		8.3	
Flow	gpm	4.5		4.7		4.6	

		7-10-06	7-10-06	8-7-06	8-7-06	9-12-06	9-12-06
Compounds Detected	Units	Results	#/Day Discharged	Results	#/Day Discharged	Results	#/Day Discharged
VOC's	ug/L	ND<1	<.00003	ND<1	<.00007	ND<1	<.00006
Oil & Grease	mg/L	ND<5.4	<.18				
Aluminum	ug/L	ND<200	<.006				
Iron	ug/L	2,110	.07				
Zinc	ug/L	ND<20	.0006				
pH		7.8		6.1		7.0	
Flow	gpm	2.8		6.6		5.5	

		10-12-06	10-12-06	11-7-06	11-7-06	12-14-06	12-14-06
Compounds Detected	Units	Results	#/Day Discharged	Results	#/Day Discharged	Results	#/Day Discharged
VOC's	ug/L	ND<1	<.00006	ND<1	<.00007	ND<1	<.00002
Oil & Grease	mg/L						
Aluminum	ug/L						
Iron	ug/L						
Zinc	ug/L						
pH		6.3		7.5		7.6	
Flow	gpm	4.6		5.9		1.6	

2.7. Preventative Maintenance

11-6-06 – cleaned air stripper. Downtime – 5 hours

3. SVE System

3.1 SVE Maintenance:

The NYSDEC approved the discontinuation of the SVE system. The system was shutdown on 8/16/04. The groundwater extraction wells in the area of the SVE system will continue to be operated.

4. O & M Activities

4.1 Phase Separator

LNAPL collection is minimal (less than one (1) ounce per week).

4.2 Seep Inspections

Prior to system startup, seeps occurred at the break in the slope east of the existing oil/water separator. Routine seep inspections indicated continued absence of groundwater seeps.

4.3 Stormceptors – Inspected 12/7/06

Stormceptor # 1 (Northwest corner) had approximately 5 inches of sludge. Stormceptor #2 (Northeast corner) had approximately 9 inches of sludge. These are cleaned when 1.5 – 2.0 feet is found.

4.4 Bag Filter Change (Groundwater Treatment System)

Bag filter change outs occur on an "as needed" basis. Change outs occurred six (6) times in October, four (4) times in November and five (5) times in December.

4.5 Air Stripper

11-6-06 - Cleaned air stripper.

4.6 Miscellaneous Maintenance

None.

TABLE 1
VOC GROUNDWATER TREATMENT PLANT INFLUENT/EFFLUENT DATA

		INFLUENT		EFFLUENT	
DATE	UNITS	TCE	DCE	TCE	DCE
10/12/2006	ug/L	7600	6700	ND<1	ND<1
10/26/2006	ug/L			ND<1	ND<1
11/7/2006	ug/L	7400	6800	ND<1	ND<1
11/27/2006	ug/L			ND<1	ND<1
12/14/2006	ug/L	2800	2500	ND<1	ND<1
12/19/2006	ug/L			ND<1	ND<1

APPENDIX A1
GROUNDWATER HYDRAULIC MONITORING DATA (2006)
MONITORING WELLS AND PIEZOMETERS
KEYWELL - VAC AIR DIVISION
FREWSBURG, NY

Well	Northing	Easting	T.O.C. Elevation	11/7/2006 Elevation	Easting
MW-1			1260.60	5.68	1254.92
MW-2	5898	5511.1	1251.60	10.73	1240.87
MW-3	5679.3	5188.5	1252.30	12.17	1240.13
MW-4	5501.5	5167.2	1250.10	5.83	1244.27
MW-4D	5510.6	5167.17	1249.37	11.87	1237.50
MW-5	5136.1	5061.9	1256.50	8.63	1247.87
MW-5D	5119.56	5061.06	1255.14	15.23	1239.91
MW-6	5596.50	5805.5	1253.70	5.96	1247.74
MW-7	5340.06	4973.69	1253.76	8.43	1245.33
MW-8			1256.65	4.82	1251.83
MW-9	5640.89	5370.69	1249.2	12.07	1237.13
MW-10	5271.81	5497.41	1253.5	6.23	1247.27
MW-11	5387.37	5578.29	1251.02	7.43	1243.59
MW-12			1243.08	0.75	1242.33
MW-13	5053	5616	1247.8	6.93	1240.87
MW-14	5121	5709	1247.46	10.78	1236.68
PZ -1-96	5411.06	5548.72	1251.09	8.28	1242.81
PZ- 2	5725	5720	1247.43	4.62	1242.81
PZ-3			1250.82	5.21	1245.61
Creek				21.17	

APPENDIX A2
GROUNDWATER HYDRAULIC MONITORING DATA (2006)
EXTRACTON AND SVE WELLS
KEYWELL - VAC AIR DIVISION
FREWSBURG, NY

	T.O.C.	10/25/2006		11/8/2006		12/12/2006	
Well	Elevation (ft. AMSL)	Level	Elevation	Level	Elevation	Level	Elevation
EW-1	1248.63	21.17	1227.46				
EW-2	1248.77	20.82	1227.95				
EW-3	1250.29	21.96	1228.33				
EW-4	1251.11	21.73	1229.38				
EW-5	1250.32	21.12	1229.20	21.73	1228.59	21.41	1228.91
EW-6	1252.14	21.88	1230.26				
EW-7	1251.09	22.48	1228.61				
EW-8	1251.39	22.43	1228.96				
EW-9	1251.52	22.86	1228.66				
EW-10	1250.45	21.83	1228.62				
EW-11	1250.37	21.02	1229.35				
EW-12	1249.11	21.98	1227.13	22.01	1227.10	21.86	1227.25
EW-13	1251.64	22.76	1228.88				
EW-14	1251.34	22.43	1228.91				
EW-15	1251.17	Shut Down					
EW-16	1251.29	22.17	1229.12				
EW-17	1251.00	21.41	1229.59				
EW-18	1251.41	20.86	1230.55				

December 8, 2006

Analytical Data Assessment and Validation
Quarterly Groundwater Sampling
Keywell L.L.C. – Vac Air Division Site
Frewsburg, New York
October - December 2006

The following memo details an assessment and validation of analytical results reported by Severn Trent for groundwater samples collected at the Keywell L.L.C. – Vac Air Site in May 2006 for target compound list (TCL) volatile organic compounds (VOCs) testing. The analytical method used by the laboratory was SW-846 8260B referenced from "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, September 1986 and subsequent revisions.

A sample collection summary is presented in Table 1 of Appendix B. The sample results are presented in Table 2 of Appendix B. Evaluation of these data was based on information obtained from the finished data sheets, chain of custody forms, method blanks, and recovery data for surrogate spikes, blank spikes, matrix spikes, and internal standards.

The Quality Assurance/Quality Control (QA/AC) criteria by which these data have been assessed are outlined in the analytical methods, the site-specific Quality Assurance Project Plan (QAPP) in Appendix G of the "Final Remedial Design Report", June 1997, (Attachment G-3), and the document "National Functional Guidelines for Organic Data Review", February 1994, prepared by the United States Environmental Protection Agency (USEPA) Office of Emergency and Remedial Response. The validation document will be referred to as the "Guidelines".

1.0 SAMPLE HOLDING TIMES

In accordance with the "QAPP", water samples preserved with hydrochloric acid to a pH of less than two must be analyzed for VOCs within 14 days of collection. Upon review of the chain of custody documents and analysis reports, it was determined that all investigative samples were analyzed for VOCs within the holding time.

2.0 SURROGATE SPIKE RECOVERIES

Laboratory performance on individual samples is assessed on the basis of surrogate spike recoveries. All water samples submitted for analysis were spiked with the surrogate compounds 4-Bromofluorobenzene, dibromofluoromethane, 1,2-Dichloroethane-d4, and toluene-d_8. All recoveries were within the laboratory control limits.

3.0 INTERNAL STANDARD ANALYSIS

Area count of the internal standards for each sample was within-50 to +100% of the area counts of the daily calibration standard.

4.0 LABORATORY BLANK ANALYSIS

The purpose of assessing the results of laboratory blank analyses is to determine the existence and magnitude of sample contamination introduced in the laboratory. Method blanks were reported for each analysis date. No compounds were detected.

5.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE ANALYSIS (MS/MSD)

To assess the effects of sample matrices on analytical efficiency, samples are spiked with VOCs in duplicate. The recoveries of MS/MSD analyses are used to evaluate analytical accuracy, while the relative percent difference (RPD) values between the MS and MSD are used to evaluate analytical precision. The RPD between the spikes and the recovery of the laboratory control sample were within the control limits.

6.0 BLANK SPIKE (BS) ANALYSIS

Blank spikes are analyzed as samples to assess the analytical efficiency of the method employed, independent of sample matrix effects. Blank spikes were prepared and analyzed, and all recoveries were within laboratory control limits.

7.0 FIELD QA/QC – TRIP BLANK/RINSE BLANK ANALYSES

The purpose of the trip blank analysis is to determine the existence and magnitude of contamination resulting from field sampling activities, sample transport, and storage. One trip blank was submitted for analysis with the investigative samples. All results were non-detect.

8.0 FIELD QA/QC – FIELD DUPLICATE ANALYSIS

To assess sampling and analytical precision, sample GW2326-1006-006 was collected as a filed duplicate of sample GW2326-1006-004 and submitted "blind" to the laboratory for analysis. Sample results showed acceptable agreement, demonstrating good sampling and analytical precision.

9.0 CONCLUSION

Based on this QA/QC assessment, the data reported by Severn Trent are acceptable for their intended use without further qualification.

_____
Vice President

_____
Date

Table 2
Analytical Summary Quarterly Groundwater Sampling
Vac Air Frewsburg NY
Fourth Quarter 2006

	Sample ID:	GW2326-1006-001	GW2326-1006-002	GW2326-1006-003	GW2326-1006-004	GW2326-1006-005	GW2326-1006-006
	Location ID:	MW-11	Rinse Blank	MW-2	MW-13	MW-4	MW-Blind Duplicate
	Collection Date:	10/25/2006	10/25/2006	10/25/2006	10/26/2006	10/26/2006	10/25/2006
Parameters	Units						
TCL Volatiles							
cis-1,2 Dichloroethene	ug/L	ND<1	ND<1	25000	61	270	61
trans-1,2-Dichloroethene	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5
Acetone	ug/L	20	19	ND<20000	ND<5	ND<1200	ND<50
Benzene	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5
Bromodichloromethane	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5
Bromoform	ug/L	ND<1	4	ND<2000	ND<5	ND<120	ND<5
Bromomethane	ug/L	ND<2	ND<2	ND<4000	ND<10	ND<250	ND<10
2-Butanone	ug/L	7.3	ND<5	ND<10000	ND<25	ND<620	ND<25
Carbon disulfide	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5
Carbon tetrachloride	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5
Chlorobenzene	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5
Dibromochloromethane	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5
Chloroethane	ug/L	ND<2	ND<2	ND<4000	ND<10	ND<250	ND<10
Chloroform	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5
Chloromethane	ug/L	ND<2	ND<2	ND<4000	ND<10	ND<250	ND<10
1,1-Dichloroethane	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5
1,2-Dichloroethane	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5
1,1-Dichloroethene	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5
1,2-Dichloropropane	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5
cis-1,3-Dichloropropene	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5
trans-1,3-Dichloropropene	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5
Ethylbenzene	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5
2-Hexanone	ug/L	ND<5	ND<5	ND<10000	ND<25	ND<620	ND<25
Methylene chloride	ug/L	ND<2	ND<2	ND<4000	ND<10	ND<250	ND<10
4-Methyl-2-pentanone	ug/L	9	ND<5	ND<10000	ND<25	ND<620	ND<25
Styrene	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5
1,1,2,2-Tetrachloroethane	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5
Tetrachloroethene	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5

Table 2
Analytical Summary Quarterly Groundwater Sampling
Vac Air Frewsburg NY
Fourth Quarter 2006

	Sample ID:	GW2326-1006-001	GW2326-1006-002	GW2326-1006-003	GW2326-1006-004	GW2326-1006-005	GW2326-1006-006
	Location ID:	MW-11	Rinse Blank	MW-2	MW-13	MW-4	MW-Blind Duplicate
	Collection Date:	10/25/2006	10/25/2006	10/25/2006	10/26/2006	10/26/2006	10/25/2006
Parameters	Units						
TCL Volatiles							
Toluene	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5
1,1,1-Trichloroethane	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5
1,1,2-Trichloroethane	ug/L	ND<1	ND<1	ND<2000	ND<5	ND<120	ND<5
Trichloroethene	ug/L	ND<1	ND<1	3800 J	46	1600	44
Vinyl chloride	ug/L	ND<2	ND<2	ND<4000	ND<10	ND<250	ND<10
Xylene (total)	ug/L	ND<3	ND<3	ND<6000	ND<15	ND<380	ND<15

Notes:
ND - Non-detect at associated value
E-Estimated result. Result concentration exceeds the calibration range.
J-Estimated resutl. Result is less than RL.
B-Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Table 2
Analytical Summary Quarterly Groundwater Sampling
Vac Air Frewsburg NY
Fourth Quarter 2006

	GW2326-1006-007	*GW2326-1006-008*	*GW2326-1006-009*	*GW2326-1006-010*
	MW-3	*MW-14*	*MW-9*	*MW-12*
	10/25/2006	*10/25/2006*	*10/25/2006*	*10/26/2006*
Parameters				
TCL Volatiles				
cis-1,2 Dichloroethene	160	1200	98	130
trans-1,2-Dichloroethene	ND<25	ND<200	ND<40	ND<100
Acetone	ND<250	ND<2000	910	ND<1000
Benzene	ND<25	ND<200	ND<40	ND<100
Bromodichloromethane	ND<25	ND<200	ND<40	ND<100
Bromoform	ND<25	ND<200	ND<40	ND<100
Bromomethane	ND<50	ND<400	ND<80	ND<200
2-Butanone	ND<120	ND<1000	ND<200	ND<500
Carbon disulfide	ND<25	ND<200	210	ND<100
Carbon tetrachloride	ND<25	ND<200	ND<40	ND<100
Chlorobenzene	ND<25	ND<200	ND<40	ND<100
Dibromochloromethane	ND<25	ND<200	ND<40	ND<100
Chloroethane	ND<50	ND<400	ND<80	ND<200
Chloroform	ND<25	ND<200	ND<40	ND<100
Chloromethane	ND<50	ND<400	ND<80	ND<200
1,1-Dichloroethane	ND<25	ND<200	ND<40	ND<100
1,2-Dichloroethane	ND<25	ND<200	ND<40	ND<100
1,1-Dichloroethene	ND<25	ND<200	ND<40	ND<100
1,2-Dichloropropane	ND<25	ND<200	ND<40	ND<100
cis-1,3-Dichloropropene	ND<25	ND<200	ND<40	ND<100
trans-1,3-Dichloropropene	ND<25	ND<200	ND<40	ND<100
Ethylbenzene	ND<25	ND<200	ND<40	ND<100
2-Hexanone	ND<120	ND<1000	ND<200	ND<500
Methylene chloride	ND<50	ND<400	ND<80	ND<200
4-Methyl-2-pentanone	ND<120	ND<1000	ND<200	ND<500
Styrene	ND<25	ND<200	ND<40	ND<100
1,1,2,2-Tetrachloroethane	ND<25	ND<200	ND<40	ND<100
Tetrachloroethene	ND<25	ND<200	ND<40	ND<100

Table 2
Analytical Summary Quarterly Groundwater Sampling
Vac Air Frewsburg NY
Fourth Quarter 2006

	GW2326-1006-007	*GW2326-1006-008*	*GW2326-1006-009*	*GW2326-1006-010*
	MW-3	*MW-14*	*MW-9*	*MW-12*
	10/25/2006	*10/25/2006*	*10/25/2006*	*10/26/2006*
Parameters				
TCL Volatiles				
Toluene	ND<25	ND<200	ND<40	ND<100
1,1,1-Trichloroethane	ND<25	ND<200	ND<40	ND<100
1,1,2-Trichloroethane	ND<25	ND<200	ND<40	ND<100
Trichloroethene	280	4600	ND<40	1600
Vinyl chloride	ND<50	ND<400	ND<80	ND<200
Xylene (total)	ND<75	ND<600	ND<120	ND<300

Notes:
ND - Non-detect at associated value
E-Estimated result. Result concentration exceeds the calibration range.
J-Estimated resutl. Result is less than RL.
B-Method blank contamination. The associated method blank contains the target analyte at a reportable level.

APPENDIX B

EFFLUENT MONITORING DATA AND CALCULATED DISCHARGE LOADINGS

TABLE 1
VOC GROUNDWATER TREATMENT PLANT INFLUENT/EFFLUENT DATA

		INFLUENT		EFFLUENT	
DATE	UNITS	TCE	DCE	TCE	DCE
1/9/2006	ug/L	7800	4900	3.3	4.4
1/25/2006	ug/L			2.8	4.1
2/1/2006	ug/L	11000	5600	8.1	8.0
2/20/2006	ug/L			7.6	9.2
3/9/2006	ug/L	11000	7200	11	7.8
3/30/2006	ug/L			10	12

TABLE 1
VOC GROUNDWATER TREATMENT PLANT INFLUENT/EFFLUENT DATA

		INFLUENT		EFFLUENT	
DATE	UNITS	TCE	DCE	TCE	DCE
4/27/2006	ug/L	7000	10000	ND<1	ND<1
5/8/2006	ug/L	11000	7400	ND<1	ND<1
5/16/2006	ug/L			ND<1	ND<1
6/12/2006	ug/L	3900	11000	.53J	5.9
6/26/2006	ug/L			ND<1	ND<1

TABLE 1
VOC GROUNDWATER TREATMENT PLANT INFLUENT/EFFLUENT DATA

		INFLUENT		EFFLUENT	
DATE	UNITS	TCE	DCE	TCE	DCE
7/11/2006	ug/L	9500	10000	ND<1	ND<1
7/24/2006	ug/L			ND<1	ND<1
8/8/2006	ug/L	8200	8000	ND<1	1.8
8/24/2006	ug/L			ND<1	ND<1
9/12/2006	ug/L	6000	6200	ND<1	ND<1
9/28/2006	ug/L			ND<1	ND<1

TABLE 1
VOC GROUNDWATER TREATMENT PLANT INFLUENT/EFFLUENT DATA

		INFLUENT		EFFLUENT	
DATE	UNITS	TCE	DCE	TCE	DCE
10/12/2006	ug/L	7600	6700	ND<1	ND<1
10/26/2006	ug/L			ND<1	ND<1
11/7/2006	ug/L	7400	6800	ND<1	ND<1
11/27/2006	ug/L			ND<1	ND<1
12/14/2006	ug/L	2800	2500	ND<1	ND<1
12/19/2006	ug/L			ND<1	ND<1

APPENDIX C

HYDRAULIC MONITORING DATA

APPENDIX A1
GROUNDWATER HYDRAULIC MONITORING DATA (2006)
MONITORING WELLS AND PIEZOMETERS
KEYWELL - VAC AIR DIVISION
FREWSBURG, NY

Well	Northing	Easting	T.O.C. Elevation	1/9/2006 Elevation	1/9/2006 Easting
MW-1			1260.60	4.48	1256.12
MW-2	5898	5511.1	1251.60	10.20	1241.40
MW-3	5679.3	5188.5	1252.30	9.86	1242.44
MW-4	5501.5	5167.2	1250.10	4.12	1245.98
MW-4D	5510.6	5167.17	1249.37	12.12	1237.25
MW-5	5136.1	5061.9	1256.50	6.96	1249.54
MW-5D	5119.56	5061.06	1255.14	15.73	1239.41
MW-6	5596.50	5805.5	1253.70	7.08	1246.62
MW-7	5340.06	4973.69	1253.76	7.23	1246.53
MW-8			1256.65	4.86	1251.79
MW-9	5640.89	5370.69	1249.2	7.37	1241.83
MW-10	5271.81	5497.41	1253.5	5.36	1248.14
MW-11	5387.37	5578.29	1251.02	5.11	1245.91
MW-12			1243.08	0.43	1242.65
MW-13	5053	5616	1247.8	5.68	1242.12
MW-14	5121	5709	1247.46	8.83	1238.63
PZ-1-96	5411.06	5548.72	1251.09	4.47	1246.62
PZ- 2	5725	5720	1247.43	6.11	1241.32
PZ-3			1250.82	5.96	1244.86
Creek				17.93	

APPENDIX A2
GROUNDWATER HYDRAULIC MONITORING DATA (2006)
EXTRACTON AND SVE WELLS
KEYWELL - VAC AIR DIVISION
FREWSBURG, NY

	T.O.C.	1/9/2006		2/16/2006		3/15/2006	
Well	Elevation (ft. AMSL)	Level	Elevation	Level	Elevation	Level	Elevation
EW-1	1248.63	21.12	1227.51				
EW-2	1248.77	20.73	1228.04				
EW-3	1250.29	21.93	1228.36				
EW-4	1251.11	21.78	1229.33				
EW-5	1250.32	21.63	1228.69	21.17	1229.15	21.67	1228.65
EW-6	1252.14	22.38	1229.76				
EW-7	1251.09	22.96	1228.13				
EW-8	1251.39	21.43	1229.96				
EW-9	1251.52	22.11	1229.41				
EW-10	1250.45	21.87	1228.58				
EW-11	1250.37	21.53	1228.84				
EW-12	1249.11	20.96	1228.15	20.56	1228.55	20.96	1228.15
EW-13	1251.64	22.42	1229.22				
EW-14	1251.34	21.88	1229.46				
EW-15	1251.17	21.86	1229.31				
EW-16	1251.29	22.02	1229.27				
EW-17	1251	22.57	1228.43				
EW-18	1251.41	20.98	1230.43				

APPENDIX A1
GROUNDWATER HYDRAULIC MONITORING DATA (2006)
MONITORING WELLS AND PIEZOMETERS
KEYWELL - VAC AIR DIVISION
FREWSBURG, NY

Well	Northing	Easting	T.O.C. Elevation	5/3/2006 Elevation	Easting
MW-1			1260.60	6.74	1253.86
MW-2	5898	5511.1	1251.60	12.46	1239.14
MW-3	5679.3	5188.5	1252.30	12.43	1239.87
MW-4	5501.5	5167.2	1250.10	6.12	1243.98
MW-4D	5510.6	5167.17	1249.37	14.12	1235.25
MW-5	5136.1	5061.9	1256.50	8.36	1248.14
MW-5D	5119.56	5061.06	1255.14	18.63	1236.51
MW-6	5596.50	5805.5	1253.70	8.07	1245.63
MW-7	5340.06	4973.69	1253.76	8.17	1245.59
MW-8			1256.65	5.63	1251.02
MW-9	5640.89	5370.69	1249.2	11.42	1237.78
MW-10	5271.81	5497.41	1253.5	6.88	1246.62
MW-11	5387.37	5578.29	1251.02	7.38	1243.64
MW-12			1243.08	1.86	1241.22
MW-13	5053	5616	1247.8	7.12	1240.68
MW-14	5121	5709	1247.46	10.22	1237.24
PZ -1-96	5411.06	5548.72	1251.09	5.16	1245.93
PZ- 2	5725	5720	1247.43	6.86	1240.57
PZ-3			1250.82	6.48	1244.34
Creek				25.86	

APPENDIX A2
GROUNDWATER HYDRAULIC MONITORING DATA (2006)
EXTRACTON AND SVE WELLS
KEYWELL - VAC AIR DIVISION
FREWSBURG, NY

	T.O.C.	4/12/2006		5/3/2006		5/9/2006		6/19/2006	
Well	Elevation (ft. AMSL)	Level	Elevation	Level	Elevation	Level	Elevation	Level	Elevation
EW-1	1248.63			20.73	1227.90				
EW-2	1248.77			21.42	1227.35				
EW-3	1250.29			21.17	1229.12				
EW-4	1251.11			21.38	1229.73				
EW-5	1250.32	21.17	1229.15	21.67	1228.65	21.86	1228.46	22.12	1228.20
EW-6	1252.14			22.43	1229.71				
EW-7	1251.09			23.08	1228.01				
EW-8	1251.39			22.27	1229.12				
EW-9	1251.52			22.78	1228.74				
EW-10	1250.45			21.96	1228.49				
EW-11	1250.37			21.71	1228.66				
EW-12	1249.11	22.43	1226.68	21.03	1228.08	21.43	1227.68	21.86	1227.25
EW-13	1251.64			22.83	1228.81				
EW-14	1251.34			22.61	1228.73				
EW-15	1251.17			22.06	1229.11				
EW-16	1251.29			21.96	1229.33				
EW-17	1251.00			22.48	1228.52				
EW-18	1251.41			21.03	1230.38				

APPENDIX A1
GROUNDWATER HYDRAULIC MONITORING DATA (2006)
MONITORING WELLS AND PIEZOMETERS
KEYWELL - VAC AIR DIVISION
FREWSBURG, NY

Well	Northing	Easting	T.O.C. Elevation	7/10/2006 Elevation	Easting
MW-1			1260.60	5.34	1255.26
MW-2	5898	5511.1	1251.60	12.83	1238.77
MW-3	5679.3	5188.5	1252.30	11.16	1241.14
MW-4	5501.5	5167.2	1250.10	4.82	1245.28
MW-4D	5510.6	5167.17	1249.37	11.63	1237.74
MW-5	5136.1	5061.9	1256.50	8.72	1247.78
MW-5D	5119.56	5061.06	1255.14	15.06	1240.08
MW-6	5596.50	5805.5	1253.70	6.72	1246.98
MW-7	5340.06	4973.69	1253.76	8.54	1245.22
MW-8			1256.65	4.96	1251.69
MW-9	5640.89	5370.69	1249.2	6.01	1243.19
MW-10	5271.81	5497.41	1253.5	6.14	1247.36
MW-11	5387.37	5578.29	1251.02	7.88	1243.14
MW-12			1243.08	2.43	1240.65
MW-13	5053	5616	1247.8	5.23	1242.57
MW-14	5121	5709	1247.46	7.97	1239.49
PZ -1-96	5411.06	5548.72	1251.09	9.17	1241.92
PZ- 2	5725	5720	1247.43	4.54	1242.89
PZ-3			1250.82	5.31	1245.51
Creek				26.48	

APPENDIX A2
GROUNDWATER HYDRAULIC MONITORING DATA (2006)
EXTRACTON AND SVE WELLS
KEYWELL - VAC AIR DIVISION
FREWSBURG, NY

	T.O.C.	7/10/2006		8/9/2006		9/7/2006	
Well	Elevation (ft. AMSL)	Level	Elevation	Level	Elevation	Level	Elevation
EW-1	1248.63	21.43	1227.20				
EW-2	1248.77	20.96	1227.81				
EW-3	1250.29	22.01	1228.28				
EW-4	1251.11	22.43	1228.68				
EW-5	1250.32	21.63	1228.69	22.43	1227.89	22.23	1228.09
EW-6	1252.14	21.98	1230.16				
EW-7	1251.09	23.14	1227.95				
EW-8	1251.39	22.98	1228.41				
EW-9	1251.52	22.88	1228.64				
EW-10	1250.45	22.63	1227.82				
EW-11	1250.37	21.81	1228.56				
EW-12	1249.11	22.02	1227.09	22.03	1227.08	22.17	1226.94
EW-13	1251.64	22.41	1229.23				
EW-14	1251.34	22.61	1228.73				
EW-15	1251.17	12.31	1238.86				
EW-16	1251.29	22.22	1229.07				
EW-17	1251.00	21.86	1229.14				
EW-18	1251.41	21.34	1230.07				

APPENDIX A1
GROUNDWATER HYDRAULIC MONITORING DATA (2006)
MONITORING WELLS AND PIEZOMETERS
KEYWELL - VAC AIR DIVISION
FREWSBURG, NY

Well	Northing	Easting	T.O.C. Elevation	11/7/2006 Elevation	Easting
MW-1			1260.60	5.68	1254.92
MW-2	5898	5511.1	1251.60	10.73	1240.87
MW-3	5679.3	5188.5	1252.30	12.17	1240.13
MW-4	5501.5	5167.2	1250.10	5.83	1244.27
MW-4D	5510.6	5167.17	1249.37	11.87	1237.50
MW-5	5136.1	5061.9	1256.50	8.63	1247.87
MW-5D	5119.56	5061.06	1255.14	15.23	1239.91
MW-6	5596.50	5805.5	1253.70	5.96	1247.74
MW-7	5340.06	4973.69	1253.76	8.43	1245.33
MW-8			1256.65	4.82	1251.83
MW-9	5640.89	5370.69	1249.2	12.07	1237.13
MW-10	5271.81	5497.41	1253.5	6.23	1247.27
MW-11	5387.37	5578.29	1251.02	7.43	1243.59
MW-12			1243.08	0.75	1242.33
MW-13	5053	5616	1247.8	6.93	1240.87
MW-14	5121	5709	1247.46	10.78	1236.68
PZ -1-96	5411.06	5548.72	1251.09	8.28	1242.81
PZ- 2	5725	5720	1247.43	4.62	1242.81
PZ-3			1250.82	5.21	1245.61
Creek				21.17	

APPENDIX A2
GROUNDWATER HYDRAULIC MONITORING DATA (2006)
EXTRACTON AND SVE WELLS
KEYWELL - VAC AIR DIVISION
FREWSBURG, NY

	T.O.C.	10/25/2006		11/8/2006		12/12/2006	
Well	Elevation (ft. AMSL)	Level	Elevation	Level	Elevation	Level	Elevation
EW-1	1248.63	21.17	1227.46				
EW-2	1248.77	20.82	1227.95				
EW-3	1250.29	21.96	1228.33				
EW-4	1251.11	21.73	1229.38				
EW-5	1250.32	21.12	1229.20	21.73	1228.59	21.41	1228.91
EW-6	1252.14	21.88	1230.26				
EW-7	1251.09	22.48	1228.61				
EW-8	1251.39	22.43	1228.96				
EW-9	1251.52	22.86	1228.66				
EW-10	1250.45	21.83	1228.62				
EW-11	1250.37	21.02	1229.35				
EW-12	1249.11	21.98	1227.13	22.01	1227.10	21.86	1227.25
EW-13	1251.64	22.76	1228.88				
EW-14	1251.34	22.43	1228.91				
EW-15	1251.17	Shut Down					
EW-16	1251.29	22.17	1229.12				
EW-17	1251.00	21.41	1229.59				
EW-18	1251.41	20.86	1230.55				

APPENDIX D

GROUNDWATER ANALYTICAL DATABASE

TCL VOC ANALYTICAL DATABASE - CONEWANGO CREEK
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

SW-1

Collection Date: / *TCL Volatiles*	*Units*	*01/02/98*	*07/30/98*	*10/27/98*	*01/25/99*	*04/28/99*	*07/27/99*	*10/27/99*	*01/26/00*	*10/24/02*	*10/29/03*	*04/22/04*	*04/05/05*	*05/03/06*
Chloromethane	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	0.32J	ND 2	ND 2	ND 2	ND 2
Vinyl chloride	µg/L	ND 2	ND 2	ND 2	ND 1	ND 2	ND 1	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2
Chloroethane	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2
Bromomethane	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2
1,1-Dichloroethene	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
Acetone	µg/L	ND 5	ND 15	ND 5	ND 10	ND 5	ND 10	ND 5	ND 5	2.6J	ND 10	ND 10	ND 10	ND 10
Carbon disulfide	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
Methylene chloride	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 1	ND 2	ND 2
trans-1,2-Dichloroethene	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
1,1-Dichloroethane	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
cis-1,2-Dichloroethene	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
1,2-Dichloroethene (Total)	µg/L	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Methyl ethyl ketone	µg/L	ND 5	ND 5	ND 5	ND 10	ND 5	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5
Chloroform	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
1,1,1-Trichloroethane	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
Carbon tetrachloride	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
Benzene	µg/L	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 1	ND 1	ND 1	ND 1	ND 1
1,2-Dichloroethane	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
Trichloroethene	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	0.20J	ND 1	ND 1	ND 1	ND 1
1,2-Dichloropropane	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
Bromodichloromethane	µg/L	ND 10	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
cis-1,3-Dichloropropene	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
Methyl isobutyl ketone	µg/L	ND 5	ND 5	ND 5	ND 10	ND 5	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5
Toluene	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
trans-1,3-Dichloropropene	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
1,1,2-Trichloroethane	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
Tetrachloroethene	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
2-Hexanone	µg/L	ND 10	ND 5	ND 5	ND 10	ND 10	ND 10	ND 10	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5
Dibromochloromethane	µg/L	ND 10	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
Chlorobenzene	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
Ethylbenzene	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
p-Xylene/m-Xylene	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	NR	NR	NR	NR
o-Xylene	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	NR	NR	NR	NR
Xylene (Total)	µg/L	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND 1	ND 1	ND 3	ND 3
Styrene	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
Bromoform	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1
1,1,2,2-Tetrachloroethane	µg/L	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1

Notes:

ND Non-detect at associated value.

NR Not Reported.

TCL Target Compound List.

VOC Volatile Organic Compounds.

TCL VOC ANALYTICAL DATABASE - GROUNDWATER
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

MW-1

Collection Date:		04/30/91	12/16/92	12/22/97	07/30/98	10/27/98	01/25/99	04/28/99	07/26/99	10/27/99	01/25/00	10/25/00	10/23/01	10/23/02	10/29/03	10/29/04	05/03/06
TCL Volatiles	*Units*																
Chloromethane	µg/L	ND 10	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2
Vinyl chloride	µg/L	ND 10	ND 10	ND 2	ND 2	ND 2	ND 1	ND 2	ND 1	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2
Chloroethane	µg/L	ND 10	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2
Bromomethane	µg/L	ND 10	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2
1,1-Dichloroethene	µg/L	ND 5	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Acetone	µg/L	ND 12	ND 10J	ND 5	ND 5	ND 5	ND 10	ND 5	ND 10	ND 5	ND 5	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10
Carbon disulfide	µg/L	ND 5	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Methylene chloride	µg/L	ND 17	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2
trans-1,2-Dichloroethene	µg/L	NA	NA	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	NR	NR	ND 1	ND 1	ND 1	ND 1	ND 1
1,1-Dichloroethane	µg/L	ND 5	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
cis-1,2-Dichloroethene	µg/L	NA	NA	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	NR	NR	ND 1	ND 1	ND 1	ND 1	ND 1
1,2-Dichloroethene (Total)	µg/L	ND 5	ND 10	NR	NR	NR	NR	NR	NR	NR	ND 5	1.1	NR	NR	NR	NR	NR
Methyl ethyl ketone	µg/L	ND 10R	ND 10J	ND 5	ND 5	ND 5	ND 10	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5
Chloroform	µg/L	ND 5	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
1,1,1-Trichloroethane	µg/L	ND 5	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Carbon tetrachloride	µg/L	ND 5	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Benzene	µg/L	ND 5	ND 10	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
1,2-Dichloroethane	µg/L	ND 5	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Trichloroethene	µg/L	ND 5	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	0.37J	ND 1	0.20J	ND 1	ND 1	ND 1
1,2-Dichloropropane	µg/L	ND 5	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Bromodichloromethane	µg/L	ND 5	ND 10	ND 10	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
cis-1,3-Dichloropropene	µg/L	ND 5	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Methyl isobutyl ketone	µg/L	ND 10	ND 10J	ND 5	ND 5	ND 5	ND 10	ND 5	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	NR	ND 5
Toluene	µg/L	ND 5	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
trans-1,3-Dichloropropene	µg/L	ND 5	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
1,1,2-Trichloroethane	µg/L	ND 5	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Tetrachloroethene	µg/L	ND 5	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
2-Hexanone	µg/L	ND 10	ND 10J	ND 10	ND 5	ND 5	ND 10	ND 10	ND 10	ND 10	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5
Dibromochloromethane	µg/L	ND 5	ND 10	ND 10	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Chlorobenzene	µg/L	ND 5	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Ethylbenzene	µg/L	ND 5	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
p-Xylene/m-Xylene	µg/L	NA	NA	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	NR	NR	NR	NR	NR	NR
o-Xylene	µg/L	NA	NA	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	NR	NR	NR	NR	NR	NR
Xylene (Total)	µg/L	ND 5	ND 10	NR	NR	NR	NR	NR	NR	NR	NR	ND 1	ND 1	ND 1	ND 1	ND 1	ND 3
Styrene	µg/L	ND 5	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Bromoform	µg/L	ND 5	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
1,1,2,2-Tetrachloroethane	µg/L	ND 5	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1

Notes:
NA Not Applicable.
NDx Not detected at or above x.
NR Not Reported.

TCL VOC ANALYTICAL DATABASE - GROUNDWATER
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

MW-2

Collection Date:		04/30/91	12/18/92	12/23/97	07/30/98	10/27/98	01/25/99	04/28/99	07/27/99	10/27/99	01/24/00	04/25/00	10/25/00	04/24/01	10/23/01	04/22/02	10/23/02
TCL Volatiles	*Units*																
Chloromethane	µg/L	ND 100	ND 10	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 10000	ND 100	ND 600	ND 200	ND 4000
Vinyl chloride	µg/L	17000	1200	3000	7400	9300	2700	2100	14000	8300	3900	1600	49000	ND 100	3400	1200	11000
Chloroethane	µg/L	ND 100	ND 10	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 10000	ND 100	ND 300	ND 200	ND 4000
Bromomethane	µg/L	ND 100	ND 10	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 10000	ND 100	ND 600	ND 200	ND 4000
1,1-Dichloroethene	µg/L	450	170	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	18	ND 250	ND 5000	ND 50	ND 300	ND 100	ND 2000
Acetone	µg/L	ND 320	ND 10J	ND 1000	ND 2500	ND 5000	ND 2500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 50000	ND 500	ND 3000	ND 1000	ND 20000
Carbon disulfide	µg/L	ND 50	ND 10	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 5000	ND 50	ND 300	ND 100	ND 2000
Methylene chloride	µg/L	ND 140	ND 10	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 10000	ND 100	ND 600	45JB	ND 4000
trans-1,2-Dichloroethene	µg/L	NA	NA	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	NR	NR	NR	ND 50	ND 300	ND 100	ND 2000
1,1-Dichloroethane	µg/L	ND 50	ND 10	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 5000	ND 50	ND 300	ND 100	ND 2000
cis-1,2-Dichloroethene	µg/L	NA	NA	31000	82000	1E+05	13000	8500	2E+05	49000	NR	NR	NR	2400	9800	3600	52000
1,2-Dichloroethene (Total)	µg/L	170000	62000	NR	NR	NR	NR	NR	NR	NR	8100	4000	190000	NR	NR	NR	NR
Methyl ethyl ketone	µg/L	ND 100R	ND 10J	ND 1000	ND 2500	ND 5000	ND 2500	ND 250	ND 5000	ND 2500	ND 5	ND 250	ND 25000	ND 250	ND 1500	ND 500	ND 10000
Chloroform	µg/L	ND 50	ND 10	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 5000	ND 50	ND 300	ND 100	ND 2000
1,1,1-Trichloroethane	µg/L	ND 50	ND 10	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 5000	ND 50	ND 300	ND 100	ND 2000
Carbon tetrachloride	µg/L	ND 50	ND 10	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 5000	ND 50	ND 300	ND 100	ND 2000
Benzene	µg/L	ND 50	11	ND 140	ND 350	ND 700	ND 500	ND 35	ND 140	ND 350	3	ND 35	ND 5000	ND 50	ND 300	ND 100	ND 2000
1,2-Dichloroethane	µg/L	19J	ND 10	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 5000	ND 50	ND 300	ND 100	ND 2000
Trichloroethene	µg/L	2600J	ND 2000	1000	3200	ND 5000	ND 500	ND 250	2500	ND 2500	52	ND 250	ND 5000	7700	ND 300	ND 100	ND 2000
1,2-Dichloropropane	µg/L	ND 50	ND 10	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 5000	ND 50	ND 300	ND 100	ND 2000
Bromodichloromethane	µg/L	ND 50	ND 10	ND 2000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 25000	ND 50	ND 300	ND 100	ND 2000
cis-1,3-Dichloropropene	µg/L	ND 50	ND 10	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 5000	ND 50	ND 300	ND 100	ND 2000
Methyl isobutyl ketone	µg/L	ND 100	ND 10J	ND 1000	ND 2500	ND 5000	ND 1000	ND 250	ND 2000	ND 2500	ND 5	ND 250	ND 25000	ND 250	ND 1500	ND 500	ND 10000
Toluene	µg/L	12J	ND 10	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 5000	ND 50	ND 300	ND 100	ND 2000
trans-1,3-Dichloropropene	µg/L	ND 50	ND	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 5000	ND 50	ND 300	ND 100	ND 2000
1,1,2-Trichloroethane	µg/L	13J	ND 10	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 5000	ND 50	ND 300	ND 100	ND 2000
Tetrachloroethene	µg/L	ND 50	ND 10	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 5000	ND 50	ND 300	ND 100	ND 2000
2-Hexanone	µg/L	ND 100	ND 10J	ND 2000	2900	2900	ND 1000	ND 500	ND 2000	ND 5000	ND 10	ND 500	ND 25000	ND 250	ND 1500	ND 500	ND 10000
Dibromochloromethane	µg/L	ND 50	ND 10	ND 2000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 5000	ND 50	ND 300	ND 100	ND 2000
Chlorobenzene	µg/L	ND 50	ND 10	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 5000	ND 50	ND 300	ND 100	ND 2000
Ethylbenzene	µg/L	14J	6J	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 5000	ND 50	ND 300	ND 100	ND 2000
p-Xylene/m-Xylene	µg/L	NA	NA	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	NR	NR	NR	NR	NR
o-Xylene	µg/L	NA	NA	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	NR	NR	NR	NR	NR
Xylene (Total)	µg/L	ND 50	17	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND 5000	ND 50	ND 300	ND 100	ND 2000
Styrene	µg/L	ND 50	ND 10	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 5000	ND 50	ND 300	ND 100	ND 2000
Bromoform	µg/L	ND 50	ND 10	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 5000	ND 50	ND 300	ND 100	ND 2000
1,1,2,2-Tetrachloroethane	µg/L	ND 50	ND 10	ND 1000	ND 2500	ND 5000	ND 500	ND 250	ND 1000	ND 2500	ND 5	ND 250	ND 5000	ND 50	ND 300	ND 100	ND 2000

Notes:
NA Not Applicable.
NDx Not detected at or above x.
NR Not Reported.

TCL VOC ANALYTICAL DATABASE - GROUNDWATER
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

		MW-2 (Cont'd.)									MW-3					
Collection Date:		12/16/02	4/23/2003	10/29/2003	4/21/2004	10/20/2004	4/5/2005	12/28/2005	5/3/2006	10/25/2006	04/30/91	12/21/92	12/23/97	07/30/98	10/27/98	01/25/99
TCL Volatiles	Units															
Chloromethane	µg/L		ND 2000	ND 2500	ND 4000	ND 10000	ND 2000	ND 5000	ND 2000	ND 4000	ND 2000	ND 10	ND 250	ND 500	ND 120	ND 500
Vinyl chloride	µg/L	1900	8600	8200	11000	29000	3500	10000	53000	ND 4000	ND 2000	50	ND 100	ND 200	300	ND 500
Chloroethane	µg/L		ND 2000	ND 2500	ND 4000	ND 10000	ND 2000	ND 5000	ND 2000	ND 4000	ND 2000	ND 10	ND 250	ND 500	ND 120	ND 500
Bromomethane	µg/L		ND 2000	ND 2500	ND 4000	ND 10000	ND 2000	ND 5000	ND 2000	ND 4000	ND 2000	ND 10	ND 250	ND 500	ND 120	ND 500
1,1-Dichloroethene	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	6J	ND 250	ND 500	ND 120	ND 500
Acetone	µg/L		ND 10,000	8700 J	ND 20000	ND 50000	ND 10000	ND 25000	ND 10000	ND 20000	ND 5100	ND 10J	ND 250	ND 500	ND 120	ND 2500
Carbon disulfide	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	ND 10	ND 250	ND 500	ND 120	ND 500
Methylene chloride	µg/L		ND 2000	ND 2500	ND 4000	ND 10000	ND 2000	ND 5000	ND 2000	ND 4000	ND 3100	ND 10J	ND 250	ND 500	ND 120	ND 500
trans-1,2-Dichloroethene	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	NA	NA	ND 250	ND 500	ND 120	ND 500
1,1-Dichloroethane	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	ND 10	ND 250	ND 500	ND 120	ND 500
cis-1,2-Dichloroethene	µg/L	7400	36000	40000	38000	190000	23000	55000	190000	25000	NA	NA	1200	980	2200	2200
1,2-Dichloroethene (Total)	µg/L	NR	NR	NR	NR	NR	NR	NR	NR	NR	1400	800J	NR	NR	NR	NR
Methyl ethyl ketone	µg/L		ND 5000	ND 6200	ND 1000	ND 25000	ND 5000	ND 12000	ND 5000	ND 10000	ND 2000R	ND 10J	ND 250	ND 500	ND 120	ND 2500
Chloroform	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	ND 10	ND 250	ND 500	ND 120	ND 500
1,1,1-Trichloroethane	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	ND 10	ND 250	ND 500	ND 120	ND 500
Carbon tetrachloride	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	ND 10	ND 250	ND 500	ND 120	ND 500
Benzene	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	ND 10	ND 35	ND 70	ND 18	ND 500
1,2-Dichloroethane	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	ND 10	ND 250	ND 500	ND 120	ND 500
Trichloroethene	µg/L	ND 330	ND 1000	ND 1200	ND 2000	3600J	ND 1000	ND 2500	2600	ND 3800J	34000	26000	13000	4100J	4600	4000
1,2-Dichloropropane	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	ND 10	ND 250	ND 500	ND 120	ND 500
Bromodichloromethane	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	ND 10	ND 500	ND 500	ND 120	ND 500
cis-1,3-Dichloropropene	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	ND 10	ND 250	ND 500	ND 120	ND 500
Methyl isobutyl ketone	µg/L		ND 5000	ND 6200	ND 10000	ND 25000	ND 5000	ND 12000	ND 5000	ND 10000	ND 2000	ND 10J	ND 250	ND 500	ND 120	ND 1000
Toluene	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	ND 10	ND 250	ND 500	ND 120	ND 500
trans-1,3-Dichloropropene	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	ND 10	ND 250	ND 500	ND 120	ND 500
1,1,2-Trichloroethane	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	16	ND 250	ND 500	ND 120	ND 500
Tetrachloroethene	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	5J	ND 250	ND 500	ND 120	ND 500
2-Hexanone	µg/L		ND 5000	ND 6200	ND 10000	ND 25000	ND 5000	ND 12000	ND 5000	ND 10000	ND 2000	ND 10J	ND 500	2900	2900	ND 1000
Dibromochloromethane	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	ND 10	ND 500	ND 500	ND 120	ND 500
Chlorobenzene	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	ND 10	ND 250	ND 500	ND 120	ND 500
Ethylbenzene	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	ND 10	ND 250	ND 500	ND 120	ND 500
p-Xylene/m-Xylene	µg/L	NR	NR	NR	NR	NR	NR	NR	NR	NR	NA	NA	NA	ND 500	ND 120	ND 500
o-Xylene	µg/L	NR	NR	NR	NR	NR	NR	NR	NR	NR	NA	NA	NA	ND 500	ND 120	ND 500
Xylene (Total)	µg/L		ND 1000	ND 1200	ND 2000	ND 3000	ND 1000	ND 7500	ND 3000	ND 6000	ND 1000	ND 10	NR	NR	NR	NR
Styrene	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	ND 10	ND 250	ND 500	ND 120	ND 500
Bromoform	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	ND 10	ND 250	ND 500	ND 120	ND 500
1,1,2,2-Tetrachloroethane	µg/L		ND 1000	ND 1200	ND 2000	ND 5000	ND 1000	ND 2500	ND 1000	ND 2000	ND 1000	ND 10	ND 250	ND 500	ND 120	ND 500

Notes:
NA Not Applicable.
NDx Not detected at or above x.
NR Not Reported.

TCL VOC ANALYTICAL DATABASE - GROUNDWATER
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

MW-3 (Cont'd.)

Collection Date:		*04/27/99*	*07/27/99*	*10/27/99*	*01/24/00*	*04/25/00*	*10/25/00*	*04/24/01*	*10/23/01*	*04/22/02*	*10/22/02*	*4/22/2003*	*10/28/2003*	*04/21/04*	*10/19/04*	*4/5/2005*	*12/28/05*	*05/03/06*	*05/03/06*
TCL Volatiles	*Units*																		
Chloromethane	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 100	ND 150	ND 100	ND 50	ND 80	ND 60	ND 80	ND 50	ND 20	ND 20	ND 25	ND 200	ND 50
Vinyl chloride	µg/L	130	ND 200	ND 200	ND 200	110	950J	70J	54J	ND 50	ND 80	ND 60	ND 80	ND 50	ND 10	ND 20	ND 25	ND 200	ND 50
Chloroethane	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 100	ND 150	ND 100	ND 50	ND 80	ND 60	ND 80	ND 50	ND 20	ND 20	ND 25	ND 200	ND 50
Bromomethane	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 100	ND 150	ND 100	ND 50	ND 80	ND 60	ND 80	ND 50	ND 20	ND 20	ND 25	ND 200	ND 50
1,1-Dichloroethene	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 100	ND 12	ND 100	ND 25
Acetone	µg/L	ND 250	ND 2500	ND 500	ND 500	ND 100	ND 500	ND 750	ND 500	ND 250	ND 400	ND 300	ND 400	ND 250	ND 100	ND 100	ND 120	ND 1000	ND 250
Carbon disulfide	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 12	ND 100	ND 25
Methylene chloride	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 100	ND 150	ND 100	ND 50	ND 80	ND 60	ND 80	ND 50	ND 20	ND 20	ND 25	ND 200	ND 25
trans-1,2-Dichloroethene	µg/L	ND 250	ND 500	ND 500	NR	NR	NR	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 12	ND 100	ND 25
1,1-Dichloroethane	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 12	ND 100	ND 25
cis-1,2-Dichloroethene	µg/L	1100	530	790	NR	NR	NR	1400	950	410	270	230	150	310	110	74	140	560	160
1,2-Dichloroethene (Total)	µg/L	NR	NR	NR	ND 70	750	1100	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Methyl ethyl ketone	µg/L	ND 250	ND 2500	ND 500	ND 500	ND 100	ND 250	ND 380	ND 250	ND 120	ND 200	ND 150	ND 200	ND 120	ND 50	ND 50	ND 62	ND 500	ND 120
Chloroform	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 12	ND 100	ND 25
1,1,1-Trichloroethane	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 12	ND 100	ND 25
Carbon tetrachloride	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 12	ND 100	ND 25
Benzene	µg/L	ND 35	ND 70	ND 70	ND 70	ND 14	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 12	ND 100	ND 25
1,2-Dichloroethane	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 12	ND 100	ND 25
Trichloroethene	µg/L	2000	1900	3500	3100	2000	1900	1500	1100	900	830	670	870	660	260	170	250	2500	280
1,2-Dichloropropane	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 12	ND 100	ND 25
Bromodichloromethane	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 12	ND 100	ND 25
cis-1,3-Dichloropropene	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 12	ND 100	ND 25
Methyl isobutyl ketone	µg/L	ND 250	ND 1000	ND 500	ND 500	ND 100	ND 250	ND 380	ND 250	ND 120	ND 200	ND 150	ND 200	ND 120	ND 50	ND 50	ND 62	ND 500	ND 120
Toluene	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	10	ND 12	ND 100	ND 25
trans-1,3-Dichloropropene	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 12	ND 100	ND 25
1,1,2-Trichloroethane	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 12	ND 100	ND 25
Tetrachloroethene	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 12	ND 100	ND 25
2-Hexanone	µg/L	ND 250	ND 1000	ND 1000	ND 1000	ND 200	ND 250	ND 380	ND 250	ND 120	ND 200	ND 150	ND 200	ND 120	ND 50	ND 50	ND 62	ND 500	ND 120
Dibromochloromethane	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 12	ND 100	ND 25
Chlorobenzene	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 12	ND 100	ND 25
Ethylbenzene	µg/L	ND 250	ND 500	ND 500	ND 1000	ND 100	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 12	ND 100	ND 25
p-Xylene/m-Xylene	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
o-Xylene	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Xylene (Total)	µg/L	NR	NR	NR	NR	NR	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 38	ND 300	ND 75
Styrene	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 12	ND 100	ND 25
Bromoform	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 12	ND 100	ND 25
1,1,2,2-Tetrachloroethane	µg/L	ND 250	ND 500	ND 500	ND 500	ND 100	ND 50	ND 75	ND 50	ND 25	ND 40	ND 30	ND 40	ND 25	ND 10	ND 10	ND 12	ND 100	ND 25

Notes:
NA Not Applicable.
NDx Not detected at or above x.
NR Not Reported.

TCL VOC ANALYTICAL DATABASE - GROUNDWATER
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

MW-4

Collection Date: / TCL Volatiles	Units	04/30/91	12/21/92	12/19/97	07/30/98	10/27/98	01/25/99	04/27/99	07/27/99	10/26/99	01/25/00	01/25/00 (Duplicate	04/25/00	04/25/00 (Duplicate	10/25/00	04/24/01	10/23/01
Chloromethane	µg/L	2J	ND 10	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 250	ND 2	ND 600
Vinyl chloride	µg/L	8J	6J	ND 2	ND 200	ND 1000	ND 500	ND 200	ND 200	ND 200	ND 200	ND 200	ND 200	ND 400	ND 500	ND 2	ND 600
Chloroethane	µg/L	ND 10	ND 10	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 250	ND 2	ND 600
Bromomethane	µg/L	ND 10	ND 10	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 2	ND 600
1,1-Dichloroethene	µg/L	2J	4J	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 250	ND 1	ND 300
Acetone	µg/L	ND 25	ND 10J	ND 5	ND 500	ND 1000	ND 2500	ND 500	ND 2500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 2500	ND 1	ND 300
Carbon disulfide	µg/L	ND 5	ND 10	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 250	ND 1	ND 300
Methylene chloride	µg/L	ND 5	ND 10J	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 2	ND 600
trans-1,2-Dichloroethene	µg/L	NA	NA	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	NR	NR	NR	NR	NR	ND 1	ND 300
1,1-Dichloroethane	µg/L	ND 5	ND 10	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 250	ND 1	ND 300
cis-1,2-Dichloroethene	µg/L	NA	NA	400J	810	ND 1000	ND 500	ND 500	ND 500	ND 500	NR	NR	NR	NR	NR	430	440
1,2-Dichloroethene (Total)	µg/L	940J	2300J	NR	NR	NR	NR	NR	NR	NR	ND 500	ND 500	520	ND 1000	580	NR	NR
Methyl ethyl ketone	µg/L	ND 10R	ND 10J	ND 5	ND 500	ND 1000	ND 2500	ND 500	ND 2500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 1200	ND 5	ND 1500
Chloroform	µg/L	2J	ND 10	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 1	ND 300
1,1,1-Trichloroethane	µg/L	3J	3J	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 250	ND 1	ND 300
Carbon tetrachloride	µg/L	ND 5	ND 10	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 250	ND 1	ND 300
Benzene	µg/L	ND 5	ND 10	ND 0.7	ND 70	ND 140	ND 500	ND 70	ND 70	ND 70	ND 70	ND 70	ND 70	ND 140	ND 250	ND 1	ND 3000
1,2-Dichloroethane	µg/L	ND 5	ND 10	ND 5	ND 500	16000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 250	ND 1	ND 300
Trichloroethene	µg/L	55000	74000	8600	17000	ND 1000	11000	8500	9400	11000	7000	6600	6900	8700	7100	4900	5700
1,2-Dichloropropane	µg/L	ND 5	ND 10	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 250	ND 1	ND 300
Bromodichloromethane	µg/L	4J	ND 10	ND 10	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 250	ND 1	ND 300
cis-1,3-Dichloropropene	µg/L	ND 5	ND 10	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 250	ND 1	ND 300
Methyl isobutyl ketone	µg/L	ND 10	ND 10J	ND 5	ND 500	ND 1000	ND 1000	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 1200	ND 5	ND 1500
Toluene	µg/L	ND 5	ND 10	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 250	ND 1	ND 300
trans-1,3-Dichloropropene	µg/L	ND 5	ND 10	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 250	ND 1	ND 300
1,1,2-Trichloroethane	µg/L	ND 5	29	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 250	ND 1	ND 300
Tetrachloroethene	µg/L	10	4J	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 250	ND 1	ND 300
2-Hexanone	µg/L	ND 10	ND 10J	ND 10	ND 500	ND 1000	ND 1000	ND 1000	ND 1000	ND 1000	ND 1000	ND 1000	ND 1000	ND 2000	ND 1200	ND 5	1500
Dibromochloromethane	µg/L	ND 5	ND 10	ND 10	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 1	ND 300
Chlorobenzene	µg/L	ND 5	ND 10	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 250	ND 1	ND 300
Ethylbenzene	µg/L	ND 5	ND 10	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 250	ND 1	ND 300
p-Xylene/m-Xylene	µg/L	NA	NA	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	NR	NR	NR
o-Xylene	µg/L	NA	NA	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	NR	NR	NR
Xylene (Total)	µg/L	ND 5	ND 10	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND 250	ND 1	ND 300
Styrene	µg/L	ND 5	ND 10	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 250	ND 1	ND 300
Bromoform	µg/L	ND 5	ND 10	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 250	ND 1	ND 300
1,1,2,2-Tetrachloroethane	µg/L	ND 5	ND 10	ND 5	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 250	ND 1	ND 300

Notes:
NA Not Applicable.
NDx Not detected at or above x.
NR Not Reported.

TCL VOC ANALYTICAL DATABASE - GROUNDWATER
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

		MW-4 (Cont'd.)											MW-4D				
Collection Date:		04/22/02	04/22/02 (Duplicate)	10/22/02	4/22/2003	10/28/2003	04/21/04	10/19/04	4/5/2005	12/28/05	5/3/06	10/26/06	04/15/92	12/18/92	12/18/92 (Duplicate)	01/14/93	01/14/93 (Duplicate)
TCL Volatiles	Units																
Chloromethane	µg/L	ND 200	ND 200	ND 200	ND 200	ND 400	ND 200	ND 100	ND 200	ND 200	ND 200	ND 250	ND 0.5	ND 10	ND 10	ND 10	ND 10
Vinyl chloride	µg/L	ND 200	ND 200	ND 200	ND 200	ND 400	ND 100	ND 100	ND 200	ND 200	ND 200	ND 250	ND 0.5	ND 10	ND 10	ND 10	ND 10
Chloroethane	µg/L	ND 200	ND 200	ND 200	ND 200	ND 400	ND 200	ND 100	ND 200	ND 200	ND 200	ND 250	ND 0.5	ND 10	ND 10	ND 10	ND 10
Bromomethane	µg/L	ND 200	ND 200	ND 200	ND 200	ND 400	ND 200	ND 100	ND 200	ND 200	ND 200	ND 250	ND 0.5	ND 10	ND 10	ND 10	ND 10
1,1-Dichloroethene	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	ND 0.5	ND 10	ND 10	ND 10	ND 10
Acetone	µg/L	250	310J	ND 1000	ND 1000	ND 2000	ND 1000	ND 500	ND 1000	ND 1000	ND 1000	ND 1200	NA	ND 10J	ND 10J	7J	6J
Carbon disulfide	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	NA	ND 10	ND 10	ND 10	ND 10
Methylene chloride	µg/L	ND 200	ND 200	ND 200	ND 200	ND 400	ND 200	ND 100	ND 200	ND 200	ND 200	ND 250	ND 0.5	ND 10	ND 10	ND 10	ND 10
trans-1,2-Dichloroethene	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	ND 0.5	NA	NA	NA	NA
1,1-Dichloroethane	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	ND 0.5	ND 10	ND 10	ND 10	ND 10
cis-1,2-Dichloroethene	µg/L	230	210	310	210	280	330	190	190	360	400	270	ND 0.5	NA	NA	NA	NA
1,2-Dichloroethene (Total)	µg/L	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	10	ND 10	ND 10
Methyl ethyl ketone	µg/L	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 500	ND 500	ND 620	NA	ND 10J	ND 10J	ND 10	ND 10
Chloroform	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	ND 0.5	ND 10	ND 10	ND 10	ND 10
1,1,1-Trichloroethane	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	ND 0.5	ND 10	ND 10	1J	1J
Carbon tetrachloride	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	ND 0.5	ND 10	ND 10	ND 10	ND 10
Benzene	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	3.6	ND 10	ND 10	ND 10	ND 10
1,2-Dichloroethane	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	ND 0.5	ND 10	ND 10	ND 10	ND 10
Trichloroethene	µg/L	2700	2500	3900	2000	ND 200	2100	1300	2100	2600	2200	1600	ND 0.5	ND 10	4J	ND 10	ND 10
1,2-Dichloropropane	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	ND 0.5	ND 10	ND 10	ND 10	ND 10
Bromodichloromethane	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	ND 0.5	ND 10	ND 10	ND 10	ND 10
cis-1,3-Dichloropropene	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	ND 0.5	ND 10	ND 10	ND 10	ND 10
Methyl isobutyl ketone	µg/L	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 500	ND 500	ND 620	NA	ND 10J	ND 10J	ND 10	ND 10
Toluene	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	ND 0.5	ND 10	ND 10	ND 10	ND 10
trans-1,3-Dichloropropene	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	ND 0.5	ND 10	ND 10	ND 10	ND 10
1,1,2-Trichloroethane	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	ND 0.5	ND 10	ND 10	ND 10	ND 10
Tetrachloroethene	µg/L	ND 100	ND 100	ND 100	ND 100	3400	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	ND 0.5	ND 10	ND 10	ND 10	ND 10
2-Hexanone	µg/L	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 50	ND 500	ND 500	ND 620	NA	ND 10J	ND 10J	ND 10	ND 10
Dibromochloromethane	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	ND 0.5	ND 10	ND 10	ND 10	ND 10
Chlorobenzene	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	ND 0.5	ND 10	ND 10	ND 10	ND 10
Ethylbenzene	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	ND 0.5	ND 10	ND 10	ND 10	ND 10
p-Xylene/m-Xylene	µg/L	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND 0.5	NA	NA	NA	NA
o-Xylene	µg/L	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND 0.5	NA	NA	NA	NA
Xylene (Total)	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 300	ND 300	ND 380	NR	NR	NR	ND 10	2J
Styrene	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	ND 0.5	ND 10	ND 10	ND 10	ND 10
Bromoform	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	ND 0.5	ND 10	ND 10	ND 10	ND 10
1,1,2,2-Tetrachloroethane	µg/L	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 50	ND 100	ND 100	ND 100	ND 120	ND 0.5	ND 10	ND 10	ND 10	ND 10

Notes:
NA Not Applicable.
NDx Not detected at or above x.
NR Not Reported.

TCL VOC ANALYTICAL DATABASE - GROUNDWATER
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

MW-4D (Cont'd.)

Collection Date:		*12/19/97*	*07/30/98*	*10/27/98*	*01/25/99*	*04/27/99*	*07/27/99*	*10/26/99*	*01/25/00*	*10/25/00*	*10/25/00 Duplicate*	*10/23/01*	*10/22/02*	*10/22/02 Duplicate*	*10/28/2003*	*10/28/2003 Duplicate*	*10/19/04*
TCL Volatiles	*Units*																
Chloromethane	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 2	0.32J	0.32J	ND 2	ND 2	ND 2
Vinyl chloride	µg/L	ND 2	ND 2	ND 2	ND 5	ND 2	ND 1	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2
Chloroethane	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2
Bromomethane	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2
1,1-Dichloroethene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	1.3	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Acetone	µg/L	28	ND 11	ND 5	ND 25	ND 5	ND 10	ND 5	ND 5	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10
Carbon disulfide	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Methylene chloride	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2
trans-1,2-Dichloroethene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	NR	NR	NR	NR	ND 1	ND 1	ND 1	ND 1	ND 1
1,1-Dichloroethane	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
cis-1,2-Dichloroethene	µg/L	ND 5	18	6	ND 5	ND 5	1	ND 5	NR	NR	NR	NR	NR	NR	ND 1	ND 1	ND 1
1,2-Dichloroethene (Total)	µg/L	NR	NR	NR	NR	NR	NR	NR	ND 5	1.3	1.3	1.3	ND 1	ND 1	NR	NR	NR
Methyl ethyl ketone	µg/L	ND 5	ND 5	NR	ND 25	ND 5	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5
Chloroform	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
1,1,1-Trichloroethane	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Carbon tetrachloride	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Benzene	µg/L	ND 0.7	ND 0.7	ND 0.7	ND 5	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
1,2-Dichloroethane	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Trichloroethene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	21	22	22	ND 1	0.37J	ND 1	ND 1	ND 1
1,2-Dichloropropane	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Bromodichloromethane	µg/L	ND 10	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
cis-1,3-Dichloropropene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Methyl isobutyl ketone	µg/L	ND 5	ND 5	ND 5	ND 10	ND 5	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	NR
Toluene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
trans-1,3-Dichloropropene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
1,1,2-Trichloroethane	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Tetrachloroethene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
2-Hexanone	µg/L	ND 10	ND 5	ND 5	ND 10	ND 10	ND 10	ND 10	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5
Dibromochloromethane	µg/L	ND 10	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Chlorobenzene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Ethylbenzene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
p-Xylene/m-Xylene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	NR	NR	NR	NR	NR	NR	NR	NR
o-Xylene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	NR	NR	NR	NR	NR	NR	NR	NR
Xylene (Total)	µg/L	NR	NR	NR	NR	NR	NR	NR	NR	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Styrene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Bromoform	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
1,1,2,2-Tetrachloroethane	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1

Notes:
NA Not Applicable.
NDx Not detected at or above x.
NR Not Reported.

TCL VOC ANALYTICAL DATABASE - GROUNDWATER
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

		MW-4D (Cont'd.)		MW-5			
Collection Date:		10/19/04 Duplicate	05/03/06	04/30/91	12/17/92	12/19/97	07/30/98
TCL Volatiles	Units						
Chloromethane	µg/L	ND 2	ND 2	ND 10	ND 10	ND 5	ND 5
Vinyl chloride	µg/L	ND 2	ND 2	ND 10	ND 10	ND 2	ND 2
Chloroethane	µg/L	ND 2	ND 2	ND 10	ND 10	ND 5	ND 5
Bromomethane	µg/L	ND 2	ND 2	ND 10	ND 10	ND 5	ND 5
1,1-Dichloroethene	µg/L	ND 1	ND 1	ND 5	ND 10	ND 5	ND 5
Acetone	µg/L	ND 10	ND 10	ND 10	ND 10J	24	ND 11
Carbon disulfide	µg/L	ND 1	ND 1	ND 5	ND 10	ND 5	ND 5
Methylene chloride	µg/L	ND 2	ND 2	ND 7	ND 10	ND 5	ND 5
trans-1,2-Dichloroethene	µg/L	ND 1	ND 1	NA	NA	ND 5	ND 5
1,1-Dichloroethane	µg/L	ND 1	ND 1	ND 5	ND 10	ND 5	ND 5
cis-1,2-Dichloroethene	µg/L	ND 1	ND 1	NA	NA	ND 5	ND 5
1,2-Dichloroethene (Total)	µg/L	NR	NR	1J	ND 10	NR	NR
Methyl ethyl ketone	µg/L	ND 5	ND 5	ND 10R	ND 10J	6	ND 5
Chloroform	µg/L	ND 1	ND 1	ND 5	ND 10	ND 5	ND 5
1,1,1-Trichloroethane	µg/L	ND 1	ND 1	ND 5	ND 10	ND 5	ND 5
Carbon tetrachloride	µg/L	ND 1	ND 1	ND 5	ND 10	ND 5	ND 5
Benzene	µg/L	ND 1	ND 1	ND 5	ND 10	ND 0.7	ND 0.7
1,2-Dichloroethane	µg/L	ND 1	ND 1	ND 5	ND 10	ND 5	ND 5
Trichloroethene	µg/L	ND 1	ND 1	41	ND 10	ND 5	ND 5
1,2-Dichloropropane	µg/L	ND 1	ND 1	ND 5	ND 10	ND 5	ND 5
Bromodichloromethane	µg/L	ND 1	ND 1	ND 5	ND 10	ND 10	ND 5
cis-1,3-Dichloropropene	µg/L	ND 1	ND 1	ND 5	ND 10	ND 5	ND 5
Methyl isobutyl ketone	µg/L	NR	ND 5	ND 10	ND 10J	ND 5	ND 5
Toluene	µg/L	ND 1	ND 1	ND 5	ND 10	ND 5	ND 5
trans-1,3-Dichloropropene	µg/L	ND 1	ND 1	ND 5	ND 10	ND 5	ND 5
1,1,2-Trichloroethane	µg/L	ND 1	ND 1	ND 5	ND 10	ND 5	ND 5
Tetrachloroethene	µg/L	ND 1	ND 1	ND 5	ND 10	ND 5	ND 5
2-Hexanone	µg/L	ND 5	ND 5	ND 10	ND 10J	ND 10	ND 5
Dibromochloromethane	µg/L	ND 1	ND 1	ND 5	ND 10	ND 10	ND 5
Chlorobenzene	µg/L	ND 1	ND 1	ND 5	ND 10	ND 5	ND 5
Ethylbenzene	µg/L	ND 1	ND 1	ND 5	ND 10	ND 5	ND 5
p-Xylene/m-Xylene	µg/L	NR	NR	NA	NA	ND 5	ND 5
o-Xylene	µg/L	NR	NR	NA	NA	ND 5	ND 5
Xylene (Total)	µg/L	ND 1	ND 3	ND 5	ND 10	NR	NR
Styrene	µg/L	ND 1	ND 1	ND 5	ND 10	ND 5	ND 5
Bromoform	µg/L	ND 1	ND 1	ND 5	ND 10	ND 5	ND 5
1,1,2,2-Tetrachloroethane	µg/L	ND 1	ND 1	ND 5	ND 10	ND 5	ND 5

Notes:
NA Not Applicable.
NDx Not detected at or above x.
NR Not Reported.

TCL VOC ANALYTICAL DATABASE - GROUNDWATER
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

		MW-5 (Con't.)													MW-5D			
Collection Date:		10/27/98	01/25/99	04/27/99	07/27/99	10/26/99	01/24/00	10/25/00	10/23/01	10/22/02	10/28/03	10/19/04	12/28/05	05/03/06	04/15/92	12/17/92	12/19/97	07/30/98
TCL Volatiles	Units																	
Chloromethane	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	0.32J	ND 2	ND 2	ND 2	ND 2	ND 0.5	ND 10	ND 5	ND 5
Vinyl chloride	µg/L	ND 2	ND 1	ND 2	ND 1	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 0.5	ND 10	ND 2	ND 2
Chloroethane	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 0.5	ND 10	ND 5	ND 5
Bromomethane	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 0.5	ND 10	ND 5	ND 5
1,1-Dichloroethene	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	ND 10	ND 5	ND 5
Acetone	µg/L	ND 5	ND 10	ND 5	ND 10	ND 5	ND 5	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10	NA	ND 10J	28	ND 11
Carbon disulfide	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	NA	ND 10	ND 5	ND 5
Methylene chloride	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 0.5	ND 10	ND 5	ND 5
trans-1,2-Dichloroethene	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	NR	NR	NR	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	NA	ND 5	ND 5
1,1-Dichloroethane	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	ND 10	ND 5	ND 5
cis-1,2-Dichloroethene	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	NR	NR	NR	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	NA	ND 5	ND 5
1,2-Dichloroethene (Total)	µg/L	NR	NR	NR	NR	NR	ND 5	ND 1	ND 1	NR	NR	NR	NR	NR	NR	ND 10	NR	NR
Methyl ethyl ketone	µg/L	ND 5	ND 10	ND 5	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	NA	ND 10J	6	ND 5
Chloroform	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	ND 10	ND 5	ND 5
1,1,1-Trichloroethane	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	ND 10	ND 5	ND 5
Carbon tetrachloride	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	ND 10	ND 5	ND 5
Benzene	µg/L	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	3.7	ND 10	ND 0.7	ND 0.7
1,2-Dichloroethane	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	ND 10	ND 5	ND 5
Trichloroethene	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	0.30J	0.30J	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	ND 10	ND 5	ND 5
1,2-Dichloropropane	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	ND 10	ND 5	ND 5
Bromodichloromethane	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	ND 10	ND 10	ND 5
cis-1,3-Dichloropropene	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	ND 10	ND 5	ND 5
Methyl isobutyl ketone	µg/L	ND 5	ND 10	ND 5	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	NR	ND 5	ND 5	NA	ND 10J	ND 5	ND 5
Toluene	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	ND 10	ND 5	ND 5
trans-1,3-Dichloropropene	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	ND 10	ND 5	ND 5
1,1,2-Trichloroethane	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	ND 10	ND 5	ND 5
Tetrachloroethene	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	ND 10	ND 5	ND 5
2-Hexanone	µg/L	ND 5	ND 10	ND 10	ND 10	ND 10	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	NA	ND 10J	ND 10	ND 5
Dibromochloromethane	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	ND 10	ND 10	ND 5
Chlorobenzene	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	ND 10	ND 5	ND 5
Ethylbenzene	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	ND 10	ND 5	ND 5
p-Xylene/m-Xylene	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	NR	NR	ND 1	NR	NR	NR	NR	ND 0.5	NA	ND 5	ND 5
o-Xylene	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	NR	NR	ND 1	NR	NR	NR	NR	ND 0.5	NA	ND 5	ND 5
Xylene (Total)	µg/L	NR	NR	NR	NR	NR	NR	ND 1	ND 1	ND 1	ND 1	ND 1	ND 3	ND 3	NR	ND 10	NR	NR
Styrene	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	ND 10	ND 5	ND 5
Bromoform	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	ND 10	ND 5	ND 5
1,1,2,2-Tetrachloroethane	µg/L	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 0.5	ND 10	ND 5	ND 5

Notes:
NA Not Applicable.
NDx Not detected at or above x.
NR Not Reported.

TCL VOC ANALYTICAL DATABASE - GROUNDWATER
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

		MW-5D (Cont'd)													MW-6			
Collection Date:		10/27/98	01/25/99	04/27/99	07/27/99	10/26/99	01/24/00	10/25/00	10/23/01	10/22/02	10/28/03	10/19/04	12/28/05	05/03/06	04/30/91	04/30/91 (Duplicate)	12/16/92	12/22/97
TCL Volatiles	Units																	
Chloromethane	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 2	ND 2	0.28J	ND 2	ND 2	ND 2	ND 2	ND 10	ND 10	ND 10	ND 5
Vinyl chloride	µg/L	ND 2	ND 1	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 10	ND 10	ND 10	ND 2
Chloroethane	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 10	ND 10	ND 10	ND 5
Bromomethane	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 10	ND 10	ND 10	ND 5
1,1-Dichloroethene	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 5
Acetone	µg/L	ND 5	ND 10	ND 5	ND 25	ND 5	ND 5	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10J	ND 5
Carbon disulfide	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 5
Methylene chloride	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 5	ND 5	ND 10	ND 5
trans-1,2-Dichloroethene	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	NR	NR	ND 1	ND 1	ND 1	ND 1	ND 1	NA	NA	NA	ND 5
1,1-Dichloroethane	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 5
cis-1,2-Dichloroethene	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	NR	NR	ND 1	ND 1	ND 1	ND 1	ND 1	NA	NA	NA	ND 5
1,2-Dichloroethene (Total)	µg/L	NR	NR	NR	NR	NR	NR	ND 1	ND 1	NR	NR	NR	NR	NR	ND 5	ND 5	ND 10	NR
Methyl ethyl ketone	µg/L	ND 5	ND 10	ND 5	ND 25	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 10R	ND 10R	ND 10J	ND 5
Chloroform	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 5
1,1,1-Trichloroethane	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 5
Carbon tetrachloride	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 5
Benzene	µg/L	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 0.7
1,2-Dichloroethane	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 5
Trichloroethene	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	0.34J	0.34J	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 5
1,2-Dichloropropane	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 5
Bromodichloromethane	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 10
cis-1,3-Dichloropropene	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 5
Methyl isobutyl ketone	µg/L	ND 5	NA	ND 5	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	NR	ND 5	ND 5	ND 10	ND 10	ND 10J	ND 5
Toluene	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 5
trans-1,3-Dichloropropene	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 5
1,1,2-Trichloroethane	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 5
Tetrachloroethene	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 5
2-Hexanone	µg/L	ND 5	ND 10	ND 10	ND 10	ND 10	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 10	ND 10	ND 10J	ND 10
Dibromochloromethane	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 10
Chlorobenzene	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 5
Ethylbenzene	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 5
p-Xylene/m-Xylene	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	NR	NR	ND 1	NR	NR	NR	NR	NA	NA	NA	ND 5
o-Xylene	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	NR	NR	ND 1	NR	NR	NR	NR	NA	NA	NA	ND 5
Xylene (Total)	µg/L	NR	NR	NR	NR	NR	NR	ND 1	ND 1	ND 1	ND 1	ND 1	ND 3	ND 3	ND 5	ND 5	ND 10	NR
Styrene	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 5
Bromoform	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 5
1,1,2,2-Tetrachloroethane	µg/L	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 5	ND 10	ND 5

Notes:

NA Not Applicable.

NDx Not detected at or above x.

NR Not Reported.

TCL VOC ANALYTICAL DATABASE - GROUNDWATER
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

		MW-6 (Cont'd)													MW-7		
Collection Date:		07/30/98	10/27/98	01/25/99	04/28/99	07/27/99	10/27/99	01/24/00	10/25/00	10/24/01	10/23/02	10/29/03	10/20/04	05/03/06	08/24/91	12/16/92	12/22/97
TCL Volatiles	Units																
Chloromethane	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 10	ND 10	ND 5
Vinyl chloride	µg/L	ND 2	ND 2	ND 5	ND 2	ND 1	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 10	ND 10	ND 2
Chloroethane	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 10	ND 10	ND 5
Bromomethane	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 10	ND 10	ND 5
1,1-Dichloroethene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 5
Acetone	µg/L	ND 5	ND 5	ND 25	ND 5	ND 10	ND 5	ND 5	2.2J	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10J	10
Carbon disulfide	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 5
Methylene chloride	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 2	ND 1	ND 2	ND 2	ND 2	ND 2	ND 5	ND 10	ND 5
trans-1,2-Dichloroethene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	NR	NR	ND 1	ND 1	ND 1	ND 1	ND 1	NA	NA	ND 5
1,1-Dichloroethane	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 5
cis-1,2-Dichloroethene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	NR	NR	ND 1	ND 1	ND 1	ND 1	ND 1	NA	NA	ND 5
1,2-Dichloroethene (Total)	µg/L	NR	NR	NR	NR	NR	NR	ND 5	ND 1	NR	NR	NR	NR	NR	ND 5	ND 10	NR
Methyl ethyl ketone	µg/L	ND 5	ND 5	ND 25	ND 5	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 10	ND 10J	ND 5
Chloroform	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 5
1,1,1-Trichloroethane	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 5
Carbon tetrachloride	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 5
Benzene	µg/L	ND 0.7	ND 0.7	ND 5	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 0.7
1,2-Dichloroethane	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 5
Trichloroethene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	0.26J	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 5
1,2-Dichloropropane	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 5
Bromodichloromethane	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 10
cis-1,3-Dichloropropene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 5
Methyl isobutyl ketone	µg/L	ND 5	ND 5	ND 10	ND 5	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	NR	ND 5	ND 10	ND 10J	ND 5
Toluene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 5
trans-1,3-Dichloropropene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 5
1,1,2-Trichloroethane	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 5
Tetrachloroethene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 5
2-Hexanone	µg/L	ND 5	ND 5	ND 10	ND 10	ND 10	ND 10	ND 10	ND 5	ND 1	ND 5	ND 5	ND 5	ND 5	ND 10	ND 10J	ND 10
Dibromochloromethane	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 10
Chlorobenzene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 5
Ethylbenzene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 5
p-Xylene/m-Xylene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	NR	ND 1	ND 1	NR	NR	NR	NA	NA	ND 5
o-Xylene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	NR	ND 1	ND 1	NR	NR	NR	NA	NA	ND 5
Xylene (Total)	µg/L	NR	NR	NR	NR	NR	NR	NR	ND 1	ND 1	ND 1	ND 1	ND 1	ND 3	ND 5	ND 10	NR
Styrene	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 5
Bromoform	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 5
1,1,2,2-Tetrachloroethane	µg/L	ND 5	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 5	ND 10	ND 5

Notes:
NA Not Applicable.
NDx Not detected at or above x.
NR Not Reported.

MW-7 (Cont'd.)

Collection Date:		*07/30/98*	*10/27/98*	*01/25/99*	*04/27/99*	*07/26/99*	*10/26/99*	*10/26/99 (Duplicate)*	*01/24/00*	*10/25/00*	*10/24/01*	*10/22/02*	*10/28/03*	*10/20/04*	*12/28/05*	*12/28/05 (Duplicate)*	*05/03/06*
TCL Volatiles	*Units*																
Chloromethane	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 2	ND 2	0.32J	ND 2	ND 2	ND 2	ND 2	ND 2
Vinyl chloride	µg/L	ND 2	ND 2	ND 1	ND 2	ND 1	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2
Chloroethane	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2
Bromomethane	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2
1,1-Dichloroethene	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Acetone	µg/L	ND 5	ND 5	ND 10	ND 5	ND 10	ND 5	ND 5	ND 5	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10
Carbon disulfide	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Methylene chloride	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2
trans-1,2-Dichloroethene	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	NR	NR	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
1,1-Dichloroethane	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
cis-1,2-Dichloroethene	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	NR	NR	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
1,2-Dichloroethene (Total)	µg/L	NR	NR	NR	NR	NR	NR	NR	ND 5	ND 1	NR	NR	NR	NR	NR	NR	NR
Methyl ethyl ketone	µg/L	ND 5	ND 5	ND 10	ND 5	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5
Chloroform	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
1,1,1-Trichloroethane	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Carbon tetrachloride	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Benzene	µg/L	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
1,2-Dichloroethane	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Trichloroethene	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	0.28J	0.28J	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
1,2-Dichloropropane	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Bromodichloromethane	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
cis-1,3-Dichloropropene	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Methyl isobutyl ketone	µg/L	ND 5	ND 5	ND 10	ND 5	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	NR	ND 5	ND 5	ND 5
Toluene	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
trans-1,3-Dichloropropene	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
1,1,2-Trichloroethane	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Tetrachloroethene	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
2-Hexanone	µg/L	ND 5	ND 5	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5
Dibromochloromethane	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Chlorobenzene	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Ethylbenzene	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
p-Xylene/m-Xylene	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	NR	NR	ND 1	NR	NR			NR
o-Xylene	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	NR	NR	ND 1	NR	NR			NR
Xylene (Total)	µg/L	NR	NR	NR	NR	NR	NR	NR	NR	ND 1	ND 1	ND 1	ND 1	ND 1	ND 3	ND 3	ND 3
Styrene	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
Bromoform	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1
1,1,2,2-Tetrachloroethane	µg/L	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1

Notes:

NA Not Applicable.

NDx Not detected at or above x.

NR Not Reported.

TCL VOC ANALYTICAL DATABASE - GROUNDWATER
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

		MW-8															MW-9	
Collection Date:		12/16/92	12/22/97	07/30/98	10/27/98	01/25/99	04/28/99	07/27/99	10/27/99	01/26/00	10/25/00	10/23/01	10/23/02	10/29/03	10/20/04	05/03/06	12/21/92	12/21/92 (Duplicate)
TCL Volatiles	Units																	
Chloromethane	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 10	ND 10
Vinyl chloride	µg/L	ND 10	ND 2	ND 2	ND 2	ND 1	ND 2	ND 1	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	53	61
Chloroethane	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 10	ND 10
Bromomethane	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 10	ND 10
1,1-Dichloroethene	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	11	12
Acetone	µg/L	ND 10J	ND 5	ND 5	ND 5	ND 10	ND 5	ND 10	ND 5	ND 5	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10J	ND 10J
Carbon disulfide	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 10	ND 10
Methylene chloride	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 2	ND 2	ND 2	ND 2	ND 2	ND 2	ND 10	ND 10
trans-1,2-Dichloroethene	µg/L	NA	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	NR	NR	NR	ND 1	ND 1	ND 1	ND 1	NA	NA
1,1-Dichloroethane	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 10	ND 10
cis-1,2-Dichloroethene	µg/L	NA	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	NR	NR	NR	ND 1	ND 1	ND 1	ND 1	NA	NA
1,2-Dichloroethene (Total)	µg/L	ND 10	NR	NR	NR	NR	NR	NR	NR	ND 5	ND 1	ND 1	NR	NR	NR	NR	1100J	670J
Methyl ethyl ketone	µg/L	ND 10J	ND 5	ND 5	ND 5	ND 10	ND 5	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 10J	ND 10J
Chloroform	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 10	ND 10
1,1,1-Trichloroethane	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 10	ND 10
Carbon tetrachloride	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 10	ND 10
Benzene	µg/L	ND 10	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 10	ND 10
1,2-Dichloroethane	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 10	ND 10
Trichloroethene	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	0.44J	ND 1	ND 1	ND 1	1.1	ND 1	18000	24000
1,2-Dichloropropane	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 10	ND 10
Bromodichloromethane	µg/L	ND 10	ND 10	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 10	ND 10
cis-1,3-Dichloropropene	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 10	ND 10
Methyl isobutyl ketone	µg/L	ND 10J	ND 5	ND 5	ND 5	ND 10	ND 5	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	NR	ND 5	ND 10J	ND 10J
Toluene	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 10	ND 10
trans-1,3-Dichloropropene	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 10	ND
1,1,2-Trichloroethane	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	4J	ND 10
Tetrachloroethene	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	4J	4J
2-Hexanone	µg/L	ND 10J	ND 10	ND 5	ND 5	ND 10	ND 10	ND 10	ND 10	ND 10	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 10J	ND 10J
Dibromochloromethane	µg/L	ND 10	ND 10	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 10	ND 10
Chlorobenzene	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 10	ND 10
Ethylbenzene	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 10	ND 10
p-Xylene/m-Xylene	µg/L	NA	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	NR	NR	ND 1	NR	NR	NR	NA	NA
o-Xylene	µg/L	NA	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	NR	NR	ND 1	NR	NR	NR	NA	NA
Xylene (Total)	µg/L	ND 10	NR	NR	NR	NR	NR	NR	NR	NR	ND 1	ND 1	ND 1	ND 1	ND 1	ND 3	ND 10	ND 10
Styrene	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 10	ND 10
Bromoform	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 10	ND 10
1,1,2,2-Tetrachloroethane	µg/L	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 1	ND 1	ND 1	ND 1	ND 10	ND 10

Notes:
NA Not Applicable.
NDx Not detected at or above x.
NR Not Reported.

TCL VOC ANALYTICAL DATABASE - GROUNDWATER
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

MW-9 (Cont'd.)

Collection Date:		12/23/97	12/23/97 (Duplicate)	07/30/98	10/27/98	01/25/99	04/28/99	07/26/99	10/27/99	01/25/00	04/25/00	10/25/00	04/25/01	10/24/01	04/23/02	10/24/02	04/23/03	10/29/03
TCL Volatiles	*Units*																	
Chloromethane	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 100	ND 2	ND 150	ND 200	ND 400	ND 8	ND 100
Vinyl chloride	µg/L	ND 200	280	770	1100	ND 500	ND 100	ND 200	10	50	35	150	130	340	330	ND 400	8 J	340
Chloroethane	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 100	4.7	ND 150	ND 200	ND 400	ND 8	ND 100
Bromomethane	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 100	ND 2	ND 150	ND 200	ND 400	ND 8	ND 100
1,1-Dichloroethene	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
Acetone	µg/L	ND 500	ND 500	ND 1200	ND 5000	ND 2500	ND 250	ND 2500	410	1100	2200 E	2200	550	290J	ND 1000	ND 2000	42 B	360 JB
Carbon disulfide	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
Methylene chloride	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 100	ND 2	ND 150	ND 200	ND 400	ND 8	ND 100
trans-1,2-Dichloroethene	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	NR	NR	NR	1.2	ND 75	ND 100	ND 200	ND 4	ND 50
1,1-Dichloroethane	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
cis-1,2-Dichloroethene	µg/L	10000	10000	17000	16000	2400	890	2300	87	NR	NR	NR	320	2160	2700	3700	82	1100
1,2-Dichloroethene (Total)	µg/L	NR	NR	NR	NR	NR	NR	NR	NR	440	150	370	NR	NR	NR	NR	NR	NR
Methyl ethyl ketone	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 2500	ND 250	ND 2500	ND 25	ND 50	ND 25	ND 250	24	ND 380	ND 500	ND 1000	ND 20	ND 250
Chloroform	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
1,1,1-Trichloroethane	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
Carbon tetrachloride	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
Benzene	µg/L	ND 70	100	ND 70	ND 140	ND 500	ND 35	ND 70	ND 4	ND 7	ND 4	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
1,2-Dichloroethane	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
Trichloroethene	µg/L	8400	9000	3200	4800	600	ND 250	ND 500	ND 25	ND 50	ND 25	29.00J	ND 10	ND 75	ND 100	ND 200	18	ND 50
1,2-Dichloropropane	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
Bromodichloromethane	µg/L	ND 1000	ND 1000	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
cis-1,3-Dichloropropene	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
Methyl isobutyl ketone	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 1000	ND 250	ND 1000	ND 25	ND 50	ND 25	ND 250	370	560	ND 500	ND 1000	ND 20	ND 250
Toluene	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
trans-1,3-Dichloropropene	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
1,1,2-Trichloroethane	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
Tetrachloroethene	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
2-Hexanone	µg/L	ND 1000	ND 1000	2900	ND 2000	ND 1000	ND 250	ND 1000	ND 50	ND 100	ND 50	ND 250	110	ND 380	ND 500	ND 1000	ND 20	ND 250
Dibromochloromethane	µg/L	ND 1000	ND 1000	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
Chlorobenzene	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
Ethylbenzene	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
p-Xylene/m-Xylene	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	NR	NR	NR	NR	NR	NR	NR
o-Xylene	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	NR	NR	NR	NR	NR	NR	NR
Xylene (Total)	µg/L	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
Styrene	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
Bromoform	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50
1,1,2,2-Tetrachloroethane	µg/L	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 250	ND 500	ND 25	ND 50	ND 25	ND 50	ND 1	ND 75	ND 100	ND 200	ND 4	ND 50

Notes:

NA Not Applicable.

NDx Not detected at or above x.

NR Not Reported.

TCL VOC ANALYTICAL DATABASE - GROUNDWATER
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

		MW-9 (Cont'd).						MW-10										
Collection Date:		04/22/04	10/20/04	04/06/05	12/28/05	05/03/06	10/25/06	12/17/92	12/22/97	07/30/98	10/27/98	01/25/99	01/25/99 (Duplicate)	04/28/99	07/27/99	07/27/99 (Duplicate)	10/27/99	01/24/00
TCL Volatiles	Units																	
Chloromethane	µg/L	ND 5	ND 20	ND 100	ND 200	ND 20	ND 80	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
Vinyl chloride	µg/L	ND 5	ND 20	240	200	24	ND 80	ND 10	ND 2	ND 2	ND 2	ND 1	ND 5	ND 2	ND 1	ND 1	ND 2	ND 2
Chloroethane	µg/L	ND 5	ND 20	ND 100	ND 200	ND 20	ND 80	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
Bromomethane	µg/L	ND 5	ND 20	ND 100	ND 200	ND 20	ND 80	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
1,1-Dichloroethene	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
Acetone	µg/L	ND 130	370	2000	ND 1000	720	910	ND 10J	20	ND 6	ND 5	ND 10	ND 25	ND 5	ND 10	ND 10	ND 5	ND 5
Carbon disulfide	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	210	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
Methylene chloride	µg/L	ND 5	ND 20	ND 100	ND 200	ND 20	ND 80	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
trans-1,2-Dichloroethene	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	NA	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	NR
1,1-Dichloroethane	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
cis-1,2-Dichloroethene	µg/L	6.6	17	920	1700	140	98	NA	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	NR
1,2-Dichloroethene (Total)	µg/L	NR	NR	NR	ND 100	ND 10	ND 40	ND 10	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND 5
Methyl ethyl ketone	µg/L	23	ND 50	ND 250	ND 500	22J	ND 200	ND 10J	12	ND 5	ND 5	ND 10	ND 25	ND 5	ND 10	ND 10	ND 5	ND 5
Chloroform	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
1,1,1-Trichloroethane	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
Carbon tetrachloride	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
Benzene	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	ND 10	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 5	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7
1,2-Dichloroethane	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
Trichloroethene	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
1,2-Dichloropropane	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
Bromodichloromethane	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	ND 10	ND 10	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
cis-1,3-Dichloropropene	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
Methyl isobutyl ketone	µg/L	ND 2.5	ND 50	ND 250	860	67	ND 200	ND 10J	ND 5	ND 5	ND 5	ND 10	ND 10	ND 5	ND 10	ND 10	ND 5	ND 5
Toluene	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	2J	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
trans-1,3-Dichloropropene	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
1,1,2-Trichloroethane	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
Tetrachloroethene	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
2-Hexanone	µg/L	78	ND 50	ND 250	ND 500	ND 50	ND 200	ND 10J	ND 10	ND 5	ND 5	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10
Dibromochloromethane	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	ND 10	ND 10	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
Chlorobenzene	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
Ethylbenzene	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
p-Xylene/m-Xylene	µg/L	NR	NR	NR	NR	NR	NR	NA	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
o-Xylene	µg/L	NR	NR	NR	NR	NR	NR	NA	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
Xylene (Total)	µg/L	ND 2.5	ND 10	150	ND 100	ND 30	ND 120	4J	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Styrene	µg/L	ND 12	ND 10	ND 50	ND 100	ND 10	ND 40	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
Bromoform	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5
1,1,2,2-Tetrachloroethane	µg/L	ND 2.5	ND 10	ND 50	ND 100	ND 10	ND 40	ND 10	ND 5	ND 5	ND 5	ND 1	ND 5	ND 5	ND 1	ND 1	ND 5	ND 5

Notes:
NA Not Applicable.
NDx Not detected at or above x.
NR Not Reported.

TCL VOC ANALYTICAL DATABASE - GROUNDWATER
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

MW-10 (Cont'd.)

Collection Date:		*10/25/00*	*10/23/01*	*10/23/02*	*10/29/03*	*10/20/04*
TCL Volatiles	*Units*					
Chloromethane	µg/L	ND 2	ND 2	ND 2	ND 2	ND 2
Vinyl chloride	µg/L	ND 2	ND 2	ND 2	ND 2	ND 2
Chloroethane	µg/L	ND 2	ND 2	0.33J	ND 2	ND 2
Bromomethane	µg/L	ND 2	ND 2	ND 2	ND 2	ND 2
1,1-Dichloroethene	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
Acetone	µg/L	ND 10	ND 10	ND 10	ND 10	ND 10
Carbon disulfide	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
Methylene chloride	µg/L	ND 2	ND 2	ND 2	ND 2	ND 2
trans-1,2-Dichloroethene	µg/L	NR	NR	NR	ND 1	ND 1
1,1-Dichloroethane	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
cis-1,2-Dichloroethene	µg/L	NR	NR	ND 1	ND 1	ND 1
1,2-Dichloroethene (Total)	µg/L	ND 1	ND 1	ND 1	NR	NR
Methyl ethyl ketone	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5
Chloroform	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
1,1,1-Trichloroethane	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
Carbon tetrachloride	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
Benzene	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
1,2-Dichloroethane	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
Trichloroethene	µg/L	0.25J	ND 1	ND 1	ND 1	ND 1
1,2-Dichloropropane	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
Bromodichloromethane	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
cis-1,3-Dichloropropene	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
Methyl isobutyl ketone	µg/L	ND 5	ND 5	ND 5	ND 5	NR
Toluene	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
trans-1,3-Dichloropropene	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
1,1,2-Trichloroethane	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
Tetrachloroethene	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
2-Hexanone	µg/L	ND 5	ND 5	ND 5	ND 5	ND 5
Dibromochloromethane	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
Chlorobenzene	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
Ethylbenzene	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
p-Xylene/m-Xylene	µg/L	NR	NR	NR	NR	NR
o-Xylene	µg/L	NR	NR	NR	NR	NR
Xylene (Total)	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
Styrene	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
Bromoform	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1
1,1,2,2-Tetrachloroethane	µg/L	ND 1	ND 1	ND 1	ND 1	ND 1

Notes:

NA Not Applicable.

NDx Not detected at or above x.

NR Not Reported.

		MW-10 (Cont'd.)	MW-11																
Collection Date:		05/03/06	12/21/92	12/22/97	07/30/98	07/30/98 (Duplicate)	10/27/98	01/25/99	04/28/99	07/26/99	10/27/99	01/25/00	04/25/00	10/25/00	04/25/01	10/23/01	04/22/02	10/23/02	04/23/03	10/29/03
TCL Volatiles	Units																		
Chloromethane	µg/L	ND 2	ND 10	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 1000	ND 500	ND 1000	ND 200	ND 4000	ND 400	ND 400
Vinyl chloride	µg/L	ND 2	9J	ND 2	ND 400	ND 400	ND 100	ND 500	110	ND 1000	ND 1000	ND 200	170	950J	220J	ND 1000	67J	ND 4000	ND 400	ND 400
Chloroethane	µg/L	ND 2	ND 10	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 1000	ND 250	ND 1000	ND 200	ND 4000	ND 400	ND 400
Bromomethane	µg/L	ND 1	ND 10	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 1000	ND 500	ND 1000	ND 200	ND 4000	ND 400	ND 400
1,1-Dichloroethene	µg/L	ND 1	5J	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
Acetone	µg/L	ND 10	ND 10J	32	ND 1000	ND 1000	ND 1200	ND 2500	ND 250	ND 13000	ND 2500	ND 500	ND 250	1100J	ND 2500	ND 5000	250J	ND 20000	ND 2000	ND 2000
Carbon disulfide	µg/L	ND 1	ND 10	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
Methylene chloride	µg/L	ND 2	ND 10J	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 1000	ND 500	720J	ND 200	ND 4000	ND 400	ND 400
trans-1,2-Dichloroethene	µg/L	ND 1	NA	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	NR	NR	NR	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
1,1-Dichloroethane	µg/L	ND 1	4J	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
cis-1,2-Dichloroethene	µg/L	ND 1	NA	200	2800	2700	ND 250	1700	5200	6600	6400	NR	NR	NR	3500	4000	2100	12000	1800	2200
1,2-Dichloroethene (Total)	µg/L	NR	380	NR	NR	NR	NR	NR	NR	NR	NR	14000	4400	6200	NR	NR	NR	NR	NR	NR
Methyl ethyl ketone	µg/L	ND 5	ND 10J	12	ND 1000	ND 1000	ND 1200	ND 2500	ND 250	ND 13000	ND 2500	ND 500	ND 250	ND 2500	ND 1200	ND 2500	ND 500	ND 10000	ND 1000	ND 1000
Chloroform	µg/L	ND 1	ND 10	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
1,1,1-Trichloroethane	µg/L	ND 1	ND 10	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
Carbon tetrachloride	µg/L	ND 1	ND 10	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
Benzene	µg/L	ND 1	ND 10	ND 0.7	ND 350	ND 350	ND 35	ND 500	ND 35	ND 350	ND 350	ND 70	ND 35	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
1,2-Dichloroethane	µg/L	ND 1	7J	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
Trichloroethene	µg/L	ND 1	170000	1000	7900	8300	5000	2200	3100	23000	28000	29000	2400	9800	6000	11000	2000	49000	4300	5900
1,2-Dichloropropane	µg/L	ND 1	ND 10	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
Bromodichloromethane	µg/L	ND 1	ND 10	ND 10	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
cis-1,3-Dichloropropene	µg/L	ND 5	ND 10	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
Methyl isobutyl ketone	µg/L	NR	ND 10J	5	ND 1000	ND 1000	ND 500	ND 1000	ND 250	ND 5000	ND 2500	ND 500	ND 500	ND 2500	ND 1200	ND 2500	ND 500	ND 10000	ND 1000	ND 1000
Toluene	µg/L	ND 1	4J	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
trans-1,3-Dichloropropene	µg/L	ND 1	ND 10	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
1,1,2-Trichloroethane	µg/L	ND 1	ND 10	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
Tetrachloroethene	µg/L	ND 1	57	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
2-Hexanone	µg/L	ND 5	ND 10J	ND 10	2900	2900	ND 500	ND 1000	ND 500	ND 5000	ND 5000	ND 1000	ND 500	ND 2500	ND 1200	ND 2500	ND 500	ND 10000	ND 1000	ND 1000
Dibromochloromethane	µg/L	ND 1	ND 10	ND 10	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
Chlorobenzene	µg/L	ND 1	ND 10	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
Ethylbenzene	µg/L	ND 1	6J	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
p-Xylene/m-Xylene	µg/L	NR	NA	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	NR	NR	NR	NR	NR	NR	NR
o-Xylene	µg/L	NR	NA	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	NR	NR	NR	NR	NR	NR	NR
Xylene (Total)	µg/L	ND 3	24	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
Styrene	µg/L	ND 1	ND 10	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
Bromoform	µg/L	ND 1	ND 10	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200
1,1,2,2-Tetrachloroethane	µg/L	ND 1	ND 10	ND 5	ND 1000	ND 1000	ND 250	ND 500	ND 250	ND 2500	ND 2500	ND 500	ND 250	ND 500	ND 250	ND 500	ND 100	ND 2000	ND 200	ND 200

Notes:

NA Not Applicable.

NDx Not detected at or above x.

NR Not Reported.

TCL ANALYTICAL DATABASE - GROUNDWATER
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

		MW-11 (Cont'd.)						MW-12												
Collection Date:		04/22/04	10/20/04	04/06/05	12/28/05	05/03/06	10/25/06	06/14/93	06/14/93 (Duplicate)	12/19/97	07/27/98	10/27/98	01/25/99	04/28/99	07/27/99	10/26/99	01/26/00	04/25/00	10/25/00	04/24/01	10/24/01
TCL Volatiles	Units																				
Chloromethane	µg/L	ND 5	ND 10	ND 1	ND 100	ND 2	ND 2	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 50	ND 2	ND 400
Vinyl chloride	µg/L	9.4	ND 10	ND 2	ND 100	2.0	ND 2	ND 10	ND 10	ND 2	ND 200	ND 100	ND 500	ND 100	ND 200	ND 200	ND 200	ND 200	ND 50	ND 2	ND 400
Chloroethane	µg/L	ND 5	ND 10	ND 2	ND 100	ND 2	ND 2	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 50	ND 2	ND 400
Bromomethane	µg/L	ND 5	ND 10	ND 2	ND 100	ND 2	ND 2	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 50	ND 2	ND 400
1,1-Dichloroethene	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 25	ND 1	ND 200
Acetone	µg/L	ND 25	ND 50	ND 10	ND 500	38	20	ND 10	ND 10	26	ND 1000	ND 1200	ND 2500	ND 250	ND 2500	ND 500	ND 500	ND 500	ND 250	ND 10	ND 2000
Carbon disulfide	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 25	ND 1	ND 200
Methylene chloride	µg/L	ND 5	ND 10	ND 2	ND 100	ND 2	ND 2	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 50	ND 2	ND 400
trans-1,2-Dichloroethene	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	NA	NA	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	NR	NR	NR	ND 1	ND 200
1,1-Dichloroethane	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 25	ND 1	ND 200
cis-1,2-Dichloroethene	µg/L	52	100	7	1000	4.6		NA	NA	48	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	NR	NR	NR	58J	ND 200
1,2-Dichloroethene (Total)	µg/L	NR	NR	ND 1	ND 50	NR	NR	41	37	NR	NR	NR	NR	NR	NR	NR	ND 500	ND 500	70	NR	NR
Methyl ethyl ketone	µg/L	ND 12	ND 25	ND 5	ND 250	8.8	7.3	ND 10	ND 10	ND 5	ND 2500	ND 1200	ND 2500	ND 250	ND 2500	ND 500	ND 500	ND 500	ND 120	ND 5	ND 4000
Chloroform	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 25	ND 1	ND 200
1,1,1-Trichloroethane	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 25	ND 1	ND 200
Carbon tetrachloride	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 25	ND 1	ND 200
Benzene	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 0.7	ND 70	ND 35	ND 500	ND 35	ND 70	ND 70	ND 70	ND 70	ND 25	ND 1	ND 200
1,2-Dichloroethane	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 25	ND 1	ND 200
Trichloroethene	µg/L	12	7.7	ND 1	230	1.0	ND 1	3400	3500	6600	3400	2500	4500	4300	4300	5900	5700	6000	9300E	6300	5700
1,2-Dichloropropane	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 25	ND 1	ND 200
Bromodichloromethane	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 10	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 25	ND 1	ND 200
cis-1,3-Dichloropropene	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 25	ND 1	ND 200
Methyl isobutyl ketone	µg/L	ND 5	ND 25	ND 5	ND 250	7.3	9.0	ND 10	ND 10	ND 5	ND 1000	ND 500	ND 1000	ND 250	ND 1000	ND 500	ND 500	ND 500	ND 70	ND 5	ND 1000
Toluene	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 25	ND 1	ND 200
trans-1,3-Dichloropropene	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 25	ND 1	ND 200
1,1,2-Trichloroethane	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 25	ND 1	ND 200
Tetrachloroethene	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 25	ND 1	ND 200
2-Hexanone	µg/L	ND 12	ND 25	ND 5	ND 250	ND 5	ND 5	ND 10	ND 10	ND 10	ND 500	ND 500	ND 1000	ND 500	ND 1000	ND 1000	ND 1000	ND 1000	ND 120	ND 5	ND 1000
Dibromochloromethane	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 10	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 25	ND 1	ND 200
Chlorobenzene	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 25	ND 1	ND 200
Ethylbenzene	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 25	ND 1	ND 200
p-Xylene/m-Xylene	µg/L	NR	NR	NR	NR	NR	NR	NA	NA	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	NR	NR	NR
o-Xylene	µg/L	NR	NR	NR	NR	NR	NR	NA	NA	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	NR	NR	NR
Xylene (Total)	µg/L	ND 2.5	ND 5	ND 1	ND 150	ND 3	ND 3	ND 10	ND 10	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND 25	ND 1	ND 200
Styrene	µg/L	ND 12	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 25	ND 1	ND 200
Bromoform	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 25	ND 1	ND 200
1,1,2,2-Tetrachloroethane	µg/L	ND 2.5	ND 5	ND 1	ND 50	ND 1	ND 1	ND 10	ND 10	ND 5	ND 500	ND 250	ND 500	ND 250	ND 500	ND 500	ND 500	ND 500	ND 25	ND 1	ND 200

Notes:

NA Not Applicable.

NDx Not detected at or above x.

NR Not Reported.

		MW-12 (Cont'd)										MW-13								
Collection Date:		04/22/02	10/22/02	04/22/03	10/28/03	04/21/04	10/20/04	04/06/05	12/28/05	05/03/06	10/26/06	12/23/97	07/30/98	10/27/98	01/25/99	04/27/99	04/27/99 (Duplicate)	07/27/99	10/26/99	01/24/00
TCL Volatiles	Units																			
Chloromethane	µg/L	ND 500	ND 200	ND 200	ND 400	ND 250	ND 100	ND 200	ND 200	ND 100	ND 200	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
Vinyl chloride	µg/L	ND 500	ND 200	ND 200	ND 400	ND 250	ND 100	ND 200	ND 200	ND 100	ND 200	ND 200	ND 2	28	ND 500	ND 100	ND 100	ND 200	ND 200	ND 200
Chloroethane	µg/L	ND 500	ND 200	ND 200	ND 400	ND 250	ND 100	ND 200	ND 200	ND 100	ND 200	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
Bromomethane	µg/L	ND 500	ND 200	ND 200	ND 400	ND 250	ND 100	ND 200	ND 200	ND 100	ND 200	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
1,1-Dichloroethene	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
Acetone	µg/L	650J	ND 1000	ND 1000	ND 2000	ND 1200	ND 500	ND 1000	ND 1000	ND 500	ND 1000	ND 500	ND 5	ND 25	ND 2500	ND 250	ND 250	ND 2500	ND 500	ND 500
Carbon disulfide	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
Methylene chloride	µg/L	ND 500	ND 200	ND 200	ND 400	ND 120	ND 100	ND 200	47J	ND 100	ND 200	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
trans-1,2-Dichloroethene	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	12J	ND 100	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	NR
1,1-Dichloroethane	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
cis-1,2-Dichloroethene	µg/L	80J	110	99 J	ND 200	190	98	230	210	77	130	870	ND 5	570	1000	440	440	ND 500	890	NR
1,2-Dichloroethene (Total)	µg/L	NR	NR	NR	NR	NR	NR	NR				NR	NR	NR	NR	NR	NR	NR	NR	ND 500
Methyl ethyl ketone	µg/L	ND 1200	ND 500	ND 500	ND 1000	ND 620	ND 250	ND 500	ND 100	ND 250	ND 500	ND 500	ND 5	ND 25	ND 2500	ND 250	ND 250	ND 2500	ND 500	ND 500
Chloroform	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
1,1,1-Trichloroethane	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
Carbon tetrachloride	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
Benzene	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 70	ND 0.7	ND 4	ND 500	ND 35	ND 35	ND 70	ND 70	ND 70
1,2-Dichloroethane	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
Trichloroethene	µg/L	5100	2100	3400	4000	4500	1100	2200	2200	1000	1600	27000	4100	3700J	4300	8000	8100	3800	7200	4400
1,2-Dichloropropane	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
Bromodichloromethane	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 1000	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
cis-1,3-Dichloropropene	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
Methyl isobutyl ketone	µg/L	ND 1200	ND 500	ND 500	ND 1000	ND 620	ND 250	ND 500	ND 100	ND 250	ND 500	ND 500	ND 5	ND 25	ND 1000	ND 250	ND 250	ND 1000	ND 500	ND 500
Toluene	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 500	ND 5	ND 25	ND 1000	ND 250	ND 250	ND 500	ND 500	ND 500
trans-1,3-Dichloropropene	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
1,1,2-Trichloroethane	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
Tetrachloroethene	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
2-Hexanone	µg/L	ND 1200	ND 500	ND 500	ND 1000	ND 620	ND 250	ND 500	ND 100	ND 250	ND 500	ND 1000	ND 5	ND 25	ND 1000	ND 500	ND 500	ND 1000	ND 1000	ND 1000
Dibromochloromethane	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 1000	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
Chlorobenzene	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
Ethylbenzene	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
p-Xylene/m-Xylene	µg/L	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
o-Xylene	µg/L	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
Xylene (Total)	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 300	ND 300	ND 150	ND 300	NR	NR	NR	NR	NR	NR	NR	NR	NR
Styrene	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
Bromoform	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500
1,1,2,2-Tetrachloroethane	µg/L	ND 250	ND 100	ND 100	ND 200	ND 120	ND 50	ND 100	ND 100	ND 50	ND 100	ND 500	ND 5	ND 25	ND 500	ND 250	ND 250	ND 500	ND 500	ND 500

Notes:

NA Not Applicable.

NDx Not detected at or above x.

NR Not Reported.

TCL ANALYTICAL DATABASE - GROUNDWATER
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

MW-13 (Cont'd.)

Collection Date:		04/25/00	10/25/00	04/24/01	04/24/01	10/23/01	10/24/01 Duplicate	04/22/02	10/22/02	04/22/03	10/28/03	04/21/04	10/19/04	04/05/05	12/28/05	05/03/06	05/03/06 (Duplicate)	10/26/06	10/26/06 (Duplicate)
TCL Volatiles	*Units*																		
Chloromethane	µg/L	ND 100	ND 100	ND 150	ND 200	ND 150	ND 100	ND 100	ND 50	ND 20	ND 40	ND 200	ND 4	ND 20	ND 20	ND 100	ND 50	ND 10	ND 10
Vinyl chloride	µg/L	ND 40	ND 100	ND 150	ND 200	ND 150	ND 100	ND 100	ND 50	ND 20	ND 40	ND 200	ND 4	ND 20	ND 20	ND 100	ND 50	ND 10	ND 10
Chloroethane	µg/L	ND 100	ND 100	ND 150	ND 200	ND 150	ND 100	ND 100	ND 50	ND 20	ND 40	ND 200	ND 4	ND 20	ND 20	ND 100	ND 50	ND 10	ND 10
Bromomethane	µg/L	ND 100	ND 100	ND 150	ND 200	ND 150	ND 100	ND 100	ND 50	ND 20	ND 40	ND 200	ND 4	ND 20	ND 20	ND 100	ND 50	ND 10	ND 10
1,1-Dichloroethene	µg/L	ND 100	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
Acetone	µg/L	ND 100	140 J	ND 750	ND 1000	ND 75	ND 500	130J	ND 250	ND 100	ND 200	ND 1000	ND 20	ND 100	ND 100	ND 500	ND 250	ND 50	ND 50
Carbon disulfide	µg/L	ND 100	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
Methylene chloride	µg/L	ND 100	ND 100	ND 150	ND 200	ND 150	ND 100	ND 100	ND 50	ND 20	ND 40	ND 200	ND 4	ND 20	6.1J	24J	ND 50	ND 10	ND 10
trans-1,2-Dichloroethene	µg/L	NR	NR	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
1,1-Dichloroethane	µg/L	ND 100	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
cis-1,2-Dichloroethene	µg/L	NR	NR	520	510	600	530	180	230	82	160	310	47	120	180	310	300	61	61
1,2-Dichloroethene (Total)	µg/L	380	300	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR					
Methyl ethyl ketone	µg/L	ND 100	ND 250	ND 380	ND 500	ND 380	ND 250	ND 250	ND 120	ND 50	ND 100	ND 500	ND 10	ND 50	ND 50	ND 250	ND 120	ND 25	ND 25
Chloroform	µg/L	ND 100	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
1,1,1-Trichloroethane	µg/L	ND 100	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
Carbon tetrachloride	µg/L	ND 100	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
Benzene	µg/L	ND 14	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
1,2-Dichloroethane	µg/L	ND 100	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 50	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
Trichloroethene	µg/L	2100	1000	2100	2000	1400	1500	1100	760	240	390	2700	46	180	150	880	980	46	44
1,2-Dichloropropane	µg/L	ND 100	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
Bromodichloromethane	µg/L	ND 100	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
cis-1,3-Dichloropropene	µg/L	ND 100	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
Methyl isobutyl ketone	µg/L	ND 100	ND 250	ND 380	ND 500	ND 380	ND 250	ND 250	ND 120	ND 50	ND 100	ND 500	ND 10	ND 50	ND 50	ND 250	ND 120	ND 25	ND 25
Toluene	µg/L	ND 100	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
trans-1,3-Dichloropropene	µg/L	ND 100	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
1,1,2-Trichloroethane	µg/L	ND 100	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
Tetrachloroethene	µg/L	ND 100	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
2-Hexanone	µg/L	ND 200	ND 50	ND 380	ND 500	ND 380	ND 250	ND 250	ND 120	ND 50	ND 100	ND 500	ND 10	ND 50	ND 50	ND 250	ND 120	ND 25	ND 25
Dibromochloromethane	µg/L	ND 100	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
Chlorobenzene	µg/L	ND 100	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
Ethylbenzene	µg/L	ND 100	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
p-Xylene/m-Xylene	µg/L	ND 100	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
o-Xylene	µg/L	ND 100	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Xylene (Total)	µg/L	NR	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 30	ND 30	ND 150	ND 75	ND 15	ND 15
Styrene	µg/L	ND 100	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
Bromoform	µg/L	ND 100	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5
1,1,2,2-Tetrachloroethane	µg/L	ND 100	ND 50	ND 75	ND 100	ND 75	ND 50	ND 50	ND 25	ND 10	ND 20	ND 100	ND 2	ND 10	ND 10	ND 50	ND 25	ND 5	ND 5

Notes:

NA Not Applicable.

NDx Not detected at or above x.

NR Not Reported.

TCL ANALYTICAL DATABASE - GROUNDWATER
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

MW-14

Collection Date:		12/23/97	07/30/98	10/27/98	01/25/99	04/27/99	07/27/99	10/26/99	01/26/00	04/25/00	10/25/00	04/25/01	10/23/01	04/23/02	10/21/02	04/22/03	04/22/03 Duplicate	10/28/03	04/21/04
TCL Volatiles	Units																		
Chloromethane	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 400	ND 400	ND 400	ND 200	ND 300	ND 200	ND 200	ND 400	ND 500
Vinyl chloride	µg/L	ND 200	ND 2	ND 200	ND 200	ND 2	ND 200	ND 200	ND 200	ND 400	ND 400	ND 400	ND 400	ND 200	ND 300	ND 200	ND 200	ND 400	ND 500
Chloroethane	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 400	ND 400	ND 400	ND 200	ND 300	ND 200	ND 200	ND 400	ND 500
Bromomethane	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 400	ND 400	ND 400	ND 200	ND 300	ND 200	ND 200	ND 400	ND 500
1,1-Dichloroethene	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
Acetone	µg/L	ND 500	ND 5	ND 2500	ND 2500	ND 5	ND 2500	ND 500	ND 500	ND 1000	1200J	ND 2000	ND 2000	ND 1000	ND 1500	ND 1000	ND 1000	ND 2000	ND 2500
Carbon disulfide	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
Methylene chloride	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 400	ND 400	ND 400	ND 200	ND 300	ND 200	ND 200	ND 400	ND 500
trans-1,2-Dichloroethene	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	NR	NR	NR	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
1,1-Dichloroethane	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
cis-1,2-Dichloroethene	µg/L	1500	42	1000	840	680	550	540	NR	NR	NR	450	410	320	230	190	200	250	310
1,2-Dichloroethene (Total)	µg/L	NR	NR	NR	NR	NR	NR	NR	ND 500	ND 1000	350	NR	NR	NR	NR	NR	NR	NR	NR
Methyl ethyl ketone	µg/L	ND 500	ND 5	ND 2500	ND 2500	ND 5	ND 2500	ND 500	ND 500	ND 1000	ND 1000	ND 1000	ND 1000	ND 500	ND 750	ND 500	ND 500	ND 1000	ND 1200
Chloroform	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
1,1,1-Trichloroethane	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
Carbon tetrachloride	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
Benzene	µg/L	ND 70	ND 0.7	ND 70	ND 500	ND 0.7	ND 70	ND 70	ND 70	ND 140	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
1,2-Dichloroethane	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
Trichloroethene	µg/L	26000	1000J	14000	15000	13000J	11000	13000	9200	8700	5300	6700	4500	3300	2800	1900	2200	3300	5400
1,2-Dichloropropane	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
Bromodichloromethane	µg/L	ND 1000	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
cis-1,3-Dichloropropene	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
Methyl isobutyl ketone	µg/L	ND 500	ND 5	ND 1000	ND 1000	ND 5	ND 1000	ND 500	ND 500	ND 1000	ND 1000	ND 1000	ND 1000	ND 500	ND 750	ND 500	ND 500	ND 1000	ND 1200
Toluene	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
trans-1,3-Dichloropropene	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
1,1,2-Trichloroethane	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
Tetrachloroethene	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
2-Hexanone	µg/L	ND 1000	ND 5	ND 1000	ND 1000	ND 10	ND 1000	ND 1000	ND 1000	ND 2000	ND 1000	ND 1000	ND 1000	ND 500	ND 750	ND 500	ND 500	ND 1000	ND 1200
Dibromochloromethane	µg/L	ND 1000	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
Chlorobenzene	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
Ethylbenzene	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
p-Xylene/m-Xylene	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	NR	NR	NR	NR	NR	NR	NR	NR	NR
o-Xylene	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	NR	NR	NR	NR	NR	NR	NR	NR	NR
Xylene (Total)	µg/L	NR	NR	NR	NR	NR	NR	NR	NR	NR	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
Styrene	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
Bromoform	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 200	ND 200	ND 200	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250
1,1,2,2-Tetrachloroethane	µg/L	ND 500	ND 5	ND 500	ND 500	ND 5	ND 500	ND 500	ND 500	ND 1000	ND 200	ND 1000	ND 1000	ND 100	ND 150	ND 100	ND 100	ND 200	ND 250

Notes:

NA Not Applicable.

NDx Not detected at or above x.

NR Not Reported.

TCL ANALYTICAL DATABASE - GROUNDWATER
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

MW-14 (Cont'd.)

Collection Date:		*10/19/04*	*04/05/05*	*12/28/05*	*05/03/06*	*10/25/06*
TCL Volatiles	*Units*					
Chloromethane	µg/L	ND 100	ND 200	ND 500	ND 600	ND 400
Vinyl chloride	µg/L	ND 100	ND 400	ND 500	ND 600	ND 400
Chloroethane	µg/L	ND 100	ND 400	ND 250	ND 600	ND 400
Bromomethane	µg/L	ND 100	ND 400	ND 500	ND 600	ND 400
1,1-Dichloroethene	µg/L	ND 50	ND 200	ND 250	ND 300	ND 200
Acetone	µg/L	ND 500	ND 2000	ND 2500	ND 3000	ND 2000
Carbon disulfide	µg/L	ND 50	ND 200	ND 250	ND 300	ND 200
Methylene chloride	µg/L	ND 100	ND 400	ND 500	12J	ND 400
trans-1,2-Dichloroethene	µg/L	ND 50	ND 200	ND 250	ND 300	ND 200
1,1-Dichloroethane	µg/L	ND 50	ND 200	ND 250	ND 300	ND 200
cis-1,2-Dichloroethene	µg/L	1000	630	860	810	1200
1,2-Dichloroethene (Total)	µg/L	NR	NR			
Methyl ethyl ketone	µg/L	ND 250	ND 1000	ND 1200	ND 1500	ND 1000
Chloroform	µg/L	ND 50	ND 200	ND 250	ND 300	ND 200
1,1,1-Trichloroethane	µg/L	ND 50	ND 200	ND 250	ND 300	ND 200
Carbon tetrachloride	µg/L	ND 50	ND 200	ND 250	ND 300	ND 200
Benzene	µg/L	ND 50	ND 200	ND 250	ND 30	ND 200
1,2-Dichloroethane	µg/L	ND 50	ND 200	ND 250	ND 300	ND 200
Trichloroethene	µg/L	1400	4900	6300	6800	4600
1,2-Dichloropropane	µg/L	ND 50	ND 200	ND 250	ND 300	ND 200
Bromodichloromethane	µg/L	ND 50	ND 200	ND 250	ND 60	ND 200
cis-1,3-Dichloropropene	µg/L	ND 50	ND 200	ND 250	ND 300	ND 200
Methyl isobutyl ketone	µg/L	ND 250	ND 1000	ND 1200	ND 1500	ND 1000
Toluene	µg/L	ND 50	ND 200	ND 250	ND 300	ND 200
trans-1,3-Dichloropropene	µg/L	ND 50	ND 200	ND 250	ND 300	ND 200
1,1,2-Trichloroethane	µg/L	ND 50	ND 200	ND 250	ND 300	ND 200
Tetrachloroethene	µg/L	ND 50	ND 200	ND 250	ND 300	ND 200
2-Hexanone	µg/L	ND 250	ND 1000	ND 1200	ND 1500	ND 1000
Dibromochloromethane	µg/L	ND 50	ND 200	ND 250	ND 300	ND 200
Chlorobenzene	µg/L	ND 50	ND 400	ND 250	ND 300	ND 200
Ethylbenzene	µg/L	ND 50	ND 200	ND 250	ND 300	ND 200
p-Xylene/m-Xylene	µg/L	NR	NR	NR	NR	NR
o-Xylene	µg/L	NR	NR	NR	NR	NR
Xylene (Total)	µg/L	ND 50	ND 600	ND 750	NR 900	ND 600
Styrene	µg/L	ND 50	ND 200	ND 250	ND 300	ND 200
Bromoform	µg/L	ND 50	ND 200	ND 250	ND 150	ND 200
1,1,2,2-Tetrachloroethane	µg/L	ND 50	ND 200	ND 250	ND 300	ND 200

Notes:

NA Not Applicable.

NDx Not detected at or above x.

NR Not Reported.

ADDITIONAL VOC PARAMETERS
KEYWELL LLC - VACAIR DIVISION
FREWSBURG, NEW YORK

		MW-4D					MW-5D	
Collection Date:		*04/15/92*	*12/18/92*	*12/18/92 (Duplicate)*	*01/14/93*	*01/14/93 (Duplicate)*	*04/15/92*	*12/17/92*
TCL Volatiles	*Units*							
Vinyl acetate	µg/L	NA	ND 10	ND 10	ND 10	ND 10	NA	ND 10
Dichlorodifluoromethane	µg/L	ND 0.5	ND 10	10	ND 10	ND 10	ND 0.5	NA
Trichlorofluoromethane	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
Bromochloromethane	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
1,1-Dichloropropene	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
2,2-Dichloropropane	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
Dibromomethane	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
1,3-Dichloropropane	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
1,1,1,2-Tetrachloroethene	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
1,2,3-Trichloropropane	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
Bromobenzene	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
o-Chlorotoluene	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
p-Chlorotoluene	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
m-Dichlorobenzene	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
p-Dichlorobenzene	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
o-Dichlorobenzene	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
1,2,4-Trichlorobenzene	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
Hexachlorobutadiene	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
1,2,3-Trichlroobenzene	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
Isopropylbenzene	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
n-Propylbenzene	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
1,3,5-Trimethylbenzene	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
tert. Butylbenzene	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
1,2,4-Trimethylbenzene	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
sec-Butylbenzene	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
p-Isopropyltoluene	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA
n-Butylbenzene	µg/L	ND 0.5	NA	NA	NA	NA	ND 0.5	NA

Notes:
NA Not Analyzed.
ND Non-detect at associated value.
VOC Volatile Organic Compound.