Ingersoll-Rand Company
Woodcliff Lake, New Jersey

Groundwater Remedial Investigation Report

Ingersoll-Rand Company
Phillipsburg, New Jersey

ENSR Corporation
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1.0 INTRODUCTION

ENSR was retained by Ingersoll-Rand Company (Ingersoll-Rand) to conduct a Remedial Investigation (RI) of groundwater at the Ingersoll-Rand property located in Phillipsburg, New Jersey (Site). The site is shown on the USGS 7.5-minute Topographic Quadrangle Map for Easton, PA-NJ included as Figure 1. This Remedial Investigation Report (RIR) describes the activities completed in order to assess liquid phase hydrocarbons and dissolved-phase constituents at the Site. This report has been prepared in accordance with the March 14, 1994 Administrative Consent Order (ACO) between the State of New Jersey and Ingersoll-Rand, which is being administered by the New Jersey Department of Environmental Protection (NJDEP) Bureau of Federal Case Management.

1.1 Background

Ingersoll-Rand began facility construction in 1903, and underwent various expansions and additions throughout the following 70 years. Since 1973, facility operations have been declining. According to previous reports, the facility produced products such as pumps, turbo equipment, air and gas compressors, rock drills, and mining equipment. The facility also maintained an active iron and steel foundry onsite, which was operated to process the raw materials for manufacturing operations. Subsequent restructuring activities resulted in closing or moving of almost all of these operations. Currently pump manufacturing and associated activities are the only activities conducted on site. Various unused or obsolete buildings utilized in manufacturing of product lines no longer at the site have been demolished. A detailed history along with historic site plans is provided in the June 30, 1994 Remedial Investigation Work Plan (RIWP). A current site plan is included as Figure 2.

1.2 Objective

The objective of the remedial investigation was to gather sufficient information and data to define the extent of groundwater contamination in excess of applicable standards and assess remedial alternatives. To achieve this, ENSR conducted the following activities.

- Developed a groundwater database to track gauging and analytical results;
- Developed a geologic database to catalog vertical stratigraphy including the presence of fractures and solution cavities that may serve as preferential pathways for separate and dissolved phase contaminant migration;
- Conducted down-hole geophysical logging including caliper, fluid temperature and resistivity, heat-pulse flow meter, and optical televiewing to further assess the characteristics of the bedrock aquifer.

- Conducted groundwater sampling to determine the horizontal and vertical extent of dissolved phase constituents in excess of NJDEP Groundwater Quality Criteria (GWQS); and

- Analyzed spatial and temporal trends in product thickness and contaminant concentrations across the site.

2.0 PROJECT HISTORY

Groundwater investigation at the site began voluntarily by Ingersoll-Rand as early as the mid-1970s when light non-aqueous phase liquid (LNAPL) was discovered on the groundwater table. Subsequent investigation identified a plume of floating product at the site. Consequently, use of two of the potable water wells was discontinued. One potable water well, installed in 1934, remains in use with an air stripper to remove dissolved phase organic constituents. A network of monitoring wells, recovery wells, and test holes have been installed throughout the site to monitor groundwater and recover LNAPL. A summary of site wells is presented in Table 1.

Circa 1987, a product recovery and groundwater treatment system was installed to remove LNAPL from across the area of known LNAPL presence. The remediation system consists of dual pump recovery systems at eight recovery wells (RW-1, RW-2, RW-3, RW-4, RW-5, RW-6, RW-8A, RW-17). Each system consists of a recovery well with an oil skim pump, groundwater depression pump, multiple level sensors, an aboveground waste oil tank, control panel, flow totalizer, and miscellaneous associated plumbing and electrical equipment. The discharge piping from the oil skim pumps are connected to individual waste oil tanks at each well head and the groundwater depression pumps are connected to the oil-water separator system – located within the oil-water separator building (Bldg #104) – which discharges directly to the spray pond at NJPDES permitted discharge point DSN-002A. Historic groundwater and product recovery data is summarized in Appendix A. To date, over 34,000 gallons of LNAPL have been recovered.

Groundwater analytical data has been historically collected for many of the onsite wells and has been submitted to NJDEP in various venues. Appendix B summarizes the historic groundwater analytical results for all compounds that have been detected in excess of current GWQS. In 1994, Ingersoll-Rand and the NJDEP entered into an ACO to address groundwater and potential sources of groundwater impact at the site. Since January 1995, monthly groundwater level and product thickness data have been collected for this site and submitted to NJDEP. This data is summarized in Appendix C.

3.0 PHYSICAL SETTING

3.1 Physical Conditions and Surroundings

The Ingersoll-Rand site is located at 942 Memorial Parkway in Phillipsburg, New Jersey and occupies approximately 385 acres within the Town of Phillipsburg and Lopatcong Township. As shown on the USGS 7.5-minute Quadrangle Map for Easton PA-NJ (Figure 1), the site is situated at the top of a hill at approximately 340 feet above mean sea level (AMSL). Topographic elevation decreases in all directions but is most evident toward the southeast.

The facility consists of multiple buildings, foundations of former buildings, roads and parking areas, two landfills, several man-made ponds, landscaped areas, and agricultural fields. Historical facility maps were submitted in the 1994 RIWP and are not repeated here. A current site map is included as Figure 2.

The area surrounding the Site is comprised of mixed commercial, residential, and agricultural use. No sensitive receptors were identified in the surrounding community with potential migration pathways connecting them to the site. A detailed receptor evaluation was completed in the 1994 RIWP and a Baseline Ecological Evaluation (BEE) for the southside Areas of Concern was submitted in August 2002.

3.2 Soils

The naturally occurring soils at the site consist entirely of the Washington Loam (Soil Survey of Warren County, 1977). This brown, yellow-brown, red-brown silty clay glacial deposit overlies most of the bedrock in the area. The deposit is Quaternary in age (approximately 125,000 years old) and is commonly called “older drift’ or “Jerseyan Drift”, which is older than the more common Wisconsin glacial deposits found elsewhere in New Jersey. This overburden formation is generally homogenous in the Phillipsburg area with trace sand and gravel and in some areas may be a clayey silt rather than a silty clay.

Fill is also present over much of the site and consists mainly of foundry sand. Thickness of the fill varies across the site and ranges from zero to 40 feet. Fill is expected to be thickest at the former landfill located toward the southern end of the site which historically accepted sand from the former on-site iron and steel foundries, as well as other plant wastes.

3.3 Geology

Bedrock underlying the site consists of three major geologic units ranging in age from the late Cambrian through the early Ordovician periods (Drake, 1967). The first, the Allentown Formation,

which is present throughout the western portion of the site, consists of a very fine to medium grained, gray to dark gray dolomite. Boring logs from monitor wells, recovery wells, and test holes in this area of the site indicate that bedrock surface elevation increases from west to east until its apparent contact with the Rickenbach Formation, creating a ridge in the bedrock topography which traverses the site from north to south.

The Rickenbach Formation, a part of the Beekman Group of Lower Ordovician age (approximately 415 million years old) is a fine to coarse grained, light to dark gray dolomite with some breccia and chert beds. This formation is present throughout much of the eastern portion of the site.

The Epler Formation, which contacts the Rickenbach Formation at the southeastern portion of the site, consists of interbedded, very fine grained, light to medium gray limestone and fine to medium grained, light to dark gray dolomite.

As measured by Drake (1967), the dolomitic bedrock strikes in a northeasterly direction and generally dips to the southeast at approximately 25° to 30°. Previous investigations onsite confirmed this data showing average strike at 72° NE and average dip to be south-southeast at a 25° angle. Published thickness of the dolomite ranges from 650 feet (Rickenbach) to 1900 feet (Allentown). On site data from WW-3 suggests that the thickness of this formation on site may be as little as 600 feet. At WW-3, the drilling log indicates that sandstone is present underlying the dolomite below 600 feet.

The two different formations of dolomite in this area (Allentown and Rickenbach) are difficult to distinguish due to their lithologic similarities and general lack of fossils. In the Phillipsburg area, the formations described above are folded in a recombent fashion. To add complexity, a thrust fault (the Wipporwhill Thrust Fault) and an antiform (the Lopatcong Antiform) are located within ½-mile of the site.

Based on the lithologic data collected from the soil borings and wells installed at the site, bedrock fractures are present at various depths throughout the site. Additionally, the bedrock displays characteristics of an active karst aquifer, as sink holes periodically appear on the site and wells often collapse and have to be re-drilled or abandoned. Large, open void spaces (solution cavities) have also been encountered during drilling activities at various locations onsite.

3.4 Hydrogeology

Groundwater at the site is present in the fractures and openings in the bedrock. Recent gauging measurements (April 2002) show that groundwater is present at depths ranging from 58.5 feet below ground surface (bgs) to 117.5 feet bgs. Groundwater potentiometric surface ranges from 225.2 feet above mean sea level (AMSL) to 296.92 feet AMSL. Groundwater elevation measurements collected monthly also indicate great fluctuations in groundwater elevation. In 2001 groundwater elevations in

various site wells fluctuated from 8 to 20 feet and have been measured in the past to fluctuate as much as 50 feet.

Based on groundwater elevations calculated over the site, it appears that a groundwater divide occurs along the stratigraphic contact of the Allentown and Rickenbach Formations. Generally, groundwater potential is proportional to the bedrock topographic elevation, with westward gradients along the western side of the groundwater divide and southeast gradients at the eastern side of the groundwater divide. However, localized groundwater flow potential is likely controlled by the complex fracture system and solution cavities present in the bedrock aquifer.

3.5 Well Search

As per N.J.A.C. 7:26E-4.4(h)3.iv a well search was conducted. To capture wells within one-mile of the site, a well search was conducted using a 1.5 mile radius from the approximate center of the site. The well search was conducted at NJDEP Bureau of Water Allocation and supplemented with NJDEP Geographic Information System data, specifically the New Jersey Public Community Water Supply Wells Database (Mennel, 2000). A summary of the well search results is presented in Table 2 and Figure 3 presents a map of the results. A copy of the Well Records identified during the well search is included in Appendix D.

Based on a cursory review of the data, plotted locations of wells were significantly different than expected. Specifically, of 85 well records that were expected to be located on the Site, only 12 were plotted within the site boundaries with many of the locations plotted between ¾- and 1-mile of the site. Additionally, several well records were identified on the site, which belonged elsewhere. These well records included one soil boring permit and two domestic wells.

Regardless of their plotted location, all known well records specific to the site were grouped together in Table 2. These included 13 deep soil boring permits, 12 recovery wells, 1 industrial supply well, 52 monitoring wells, and 2 gas vents. Well records identified within ¼-mile included 8 deep soil boring permits, 10 domestic wells, and 19 monitoring wells. Between ¼- and ½-mile, 7 deep soil boring permits were located as well as 20 domestic wells, 2 industrial supply wells, 26 monitoring wells, 1 non-public supply well, and 1 piezometer. A total of 58 well records were identified between ½- and ¾-miles of the site, including 6 deep soil boring permits, 25 domestic wells, 1 recovery well, 23 monitoring wells, 1 public supply well, 1 non-public well, and 1 agricultural supply well. From ¾- to 1-mile from the site 6 deep soil boring permits were identified as well as 16 domestic wells, 1 irrigation well, 1 industrial well, 9 monitoring wells, 1 public well, 1 non-public well, 2 gas vents, and 1 piezometer. Thirty-four wells were plotted further than one-mile from the site and included 3 deep soil boring permits, 7 domestic wells, 2 industrial wells, and 22 monitoring wells that ranged from 1 to 18 miles away from the site boundary.

The well search was supplemented with NJDEP GIS Public Community Water Supply (PCWS) well data. As shown on Figure 3, no PCWS wells were located within one-mile of the site.

3.6 Surface Water and Wetlands

Man-made impoundments are present in several locations at the site. A large stormwater retention pond is located toward the northwest corner of the site. A Spray Pond, used to recycle non-contact cooling water as well as receive stormwater runoff and discharges from the oil-water separators, is located centrally in the site just east of the main concentration of buildings. Two Inverse Ponds are located approximately 300 feet east of the spray pond and receive excess water from the Spray Pond via an underground pipe. The Inverse Ponds discharge (under NJPDES permit #0004049) into an ephemeral stream, which traverses approximately 2,200 feet toward the southeast before it merges with Lopatcong Creek.

Surface runoff in the plant area, on paved (impervious) surfaces, is generally channeled into a stormwater sewer network, which drains the western portion of the site into the Stormwater Retention Pond and the eastern portion of the site into the Spray Pond and Inverse Ponds. Much of the stormwater that falls on the remaining permeable surfaces (agricultural fields, lawns, etc.) likely infiltrates to the subsurface. A subsurface utility map showing the storm sewer system was included in the 1994 RIWP and is not repeated here.

Based on the NJ Freshwater Wetlands Maps as presented in the NJDEP GIS Resource Data CD (1996), wetlands are present on the Ingersoll-Rand site. Specifically, a strip of deciduous wooded wetlands are identified at the northwest corner of the site. The Stormwater Retention Pond is identified as having two types of deciduous wetlands. The areas including and surrounding the Inverse Ponds and Ephemeral Stream are classified as modified (disturbed) wetlands. And the Spray Pond is classified as an artificial lake. A wetlands map was included in the February 2002 Groundwater RIWP and is not repeated here.

Based on a March 21, 2002 presence/absence study of the site wetlands and State Open Waters, it was determined that several wetlands mapped as NJ Freshwater Wetlands do not exist at the site. A more detailed description of the presence/absence study was presented in the July 2002 Baseline Ecological Evaluation of the South-Side Area of the Ingersoll-Rand property.

4.0 TECHNICAL OVERVIEW

This groundwater remedial investigation was conducted in accordance with ENSR's February 2002 Groundwater Remedial Investigation Workplan, the February 2002 Quality Assurance Project Plan, the Technical Requirements for Site Remediation (N.J.A.C.7:26E), and the May 1992 Field Sampling Procedures Manual. Investigative activities at the Ingersoll-Rand site were conducted using a multi-phased approach, which included the following.

PHASE I:

- Development of a groundwater database based on groundwater analytical data historically collected from site wells,
- Update and maintenance of the groundwater database to include the results of the continued investigative activities,
- Development and maintenance of a geologic database from lithologic data collected during the installation of the site wells, and
- Update and maintenance of the geologic database with information collected during the geophysical investigation of selected wells.

PHASE II:

- Down-hole geophysical survey of 19 wells using a 3-arm caliper, temperature/resistivity probe, heat-pulse flow meter, and optical sensors.

PHASE III:

- A comprehensive baseline round of groundwater sampling,
- Analysis of current and historic physical and chemical data to aid in remedial alternative analysis, and
- Quarterly product thickness and water level gauging of all site wells.

The following subsections discuss each of these tasks in detail.

4.1 Groundwater Database

To facilitate the analysis of historical groundwater analytical data, a groundwater database was constructed by manual entry of historic laboratory analytical data. Laboratory data was entered into an EQuIS® database import table and merged into the EQuIS®/Microsoft® Access database. Over 25,000 separate records were added to the database and included groundwater analytical results as well as drinking water analytical results. Groundwater analytical results were identified for 289 separate samples collected at various site wells between August 1988 and May 2000. Based on a review of this data, a list of compounds that have been detected in excess of current Groundwater Quality Criteria

(GWQS) was produced and summary data tables for each of these compounds were created using all of the available data (see Appendix B).

In addition to the historic groundwater analytical results, monthly product thickness and water level gauging were also added to the database through the conversion of a spreadsheet containing the data (provided by Ingersoll-Rand) to a format that could be imported into the database. Using the database, a comprehensive historical groundwater elevation and product thickness table was produced and groundwater contour and product thickness maps were created from selected gauging dates. The historical groundwater elevation and product thickness data is presented in Appendix C and selected groundwater elevation contour maps were presented in ENSR's April 26, 2002 letter re: *"NFA Request for Old Landfill (AOC29)"*.

Maintenance of the database included the entry/import of recent groundwater analytical results and gauging measurements to the database to keep the current with the activities being conducted.

4.2 Geologic Database

In an effort to better understand the complexity of the bedrock aquifer at the site, an analysis of the historic geologic logs was required. To facilitate this analysis, historical drilling logs of site monitoring wells, recovery wells, and test holes (soil borings) were manually entered into an EQuIS® Geology database import table and merged into the EQuIS®/MS Access database. Data from 113 separate logs were added to the database. In addition to the historic geophysical data, results of the March – April 2002 geophysical investigation (see Section 4.3) was added to the database. Where conflicts arose, the most recently collected data was used.

Analysis of the geologic data was conducted using Rockwork's Rockware® 2002, Log Plot® 2000, Golden Sofware's Surfer® Version 7, and C-Tech Development's Environmental Visualization System (EVS-Pro Version 5.75b). Using these programs, a bedrock topography map, 3-dimentional model, and geologic cross sections of the site were produced (see Section 4.3).

4.3 Geophysical Investigation

Downhole geophysical logging was conducted on nineteen wells across the site on an approximate north-south cross section and an east-west cross section. Wells were selected based on known well construction, expected groundwater flow direction, and the configuration of the separate and dissolved-phase plumes. Selected wells and the lines of cross-section are shown on the Bedrock Topographic Map (Figure 4). All recovery pumps associated with the groundwater treatment system were stopped and removed to allow unobstructed access for the geophysical probes. Pump removal was conducted by Plainfield Well Drilling, Inc. of Martinsville, New Jersey from March 13 through March 15, 2002. Floating product on wells MW-5, MW-28A, RW-2, RW-8A, RW-9, RW-16 and RW-17 was removed prior to conducting the geophysical investigation using either a two-inch Grundfos® pump or

polyethylene bailers to reduce the product amount to less than 6 inches within each well. Approximately 40-gallons of mixed water and LPH were collected and placed in the aboveground waste oil tank at RW-3.

Mid-Atlantic Geosciences, Inc. conducted the down-hole geophysical logging from Monday March 25, 2002 through Friday April 5, 2002. Geophysical logging was completed by lowering the various geophysical data acquisition probes down the well casing and through the length of the open borehole of the well. Data was acquired from each probe in real-time and saved to an on-site computer. Where possible, draft logs were printed in the field for comparison to final logs which are included in Mid-Atlantic GeoScience's April 2002 *Results of Downhole Geophysical Logging and TV Surveys, Ingersoll-Rand, Phillipsburg* (included as Appendix E).

Geophysical data collected included a high-resolution video scan of the borehole using an optical televiewer (OPTV), continuous temperature logs, fluid-conductivity logs, caliper logs, and vertical flow gradient measurements collected via a heat-pulse flow meter.

4.4 Groundwater Monitoring

4.4.1 Groundwater Elevation and Product Thickness

ENSR conducted monthly gauging of all site wells for the first quarter of 2002 and began quarterly gauging in April. All product thickness and water level data collected was incorporated into the groundwater database as described in Section 4.1. Gauging was conducted using an interface probe and/or a water level indicator using methods described in the 1992 NJDEP Field Sampling Procedures Manual (FSPM). All gauging data was recorded in a dedicated field notebook, checked to assure QA/QC standards, and was manually entered into a temporary import table and electronically imported into the groundwater database. Product thickness and groundwater elevation tables were generated from the database and product thickness isopleths and groundwater contour maps were produced for continued trend analysis. For ease of generation and consistency, product thickness isopleths and groundwater contours were generated using Golden Software's Surfer® version 7.0 and ESRI's Spatial Analyst for ArcView® 3.2. Using Surfer®, a grid file was created and transformed to a format that could be recognized by ArcView®. Using Spatial Analyst, contour lines or a rasterized grid was produced to visualize the data. These maps were generated for internal analysis and are not presented in this report.

4.4.2 LNAPL Fingerprinting

On April 4, 2002 LNAPL samples were collected from two wells (RW-17 and MW-28A). Samples were collected using a dedicated polyethylene bailer which was lowered to the groundwater table using a Teflon®-coated stainless steel cable. Any water collected was removed from the bailer and the LNAPL was transferred to laboratory supplied glassware. The samples were submitted to STL-Edison under

standard chain of custody procedure for fingerprint analysis and product typing. STL-Edison transferred the samples to Texas Oil Tech, Inc. of Houston, TX for analysis. Laboratory analytical reports are included in Appendix F.

4.4.3 Groundwater Sampling

Groundwater sampling was conducted at site wells in an effort to delineate the horizontal and vertical extent of dissolved-phase constituents above the groundwater quality standards. To accomplish this, 17 wells were sampled using passive diffusion bag (PDB) samplers deployed at multiple depths within each well, and all wells with no measurable LPH were sampled using conventional methods. A sample summary is included as Table 3. The following subsections detail the procedures used in each case.

4.4.3.1 Passive Diffusion Bag Sampling

In attempt to characterize the vertical stratification of dissolved-phase constituents, Ingersoll-Rand sampled 17 wells using PDB samplers at multiple depths within each well. Deployment depths were selected based on drilling logs and/or the recent geophysical investigation to correspond to known or suspected fracture locations. The deployment depths for each well that was sampled using PDB samplers are detailed in Table 3. The PDBs were installed on April 12, 2002 using the methods described in the *User's Guide for Polyethylene-Based Passive Diffusion Bag Samplers to Obtain Volatile Organic Compound Concentrations in Wells* (USGS, 2001). PDBs were field-filled with laboratory-grade, analyte free, deionized water supplied by STL-Edison and were hung on polypropylene rope. Each rope was labeled with the corresponding well identification number and rings were placed at the pre-selected deployment depths prior to field mobilization. The PDB sample string was hung from an eye-hook installed on the steel casing and left to equilibrate with the ambient well water for approximately 2-weeks. Samples were collected on April 29, 2002 by pouring the water from each PDB into laboratory supplied glassware. Samples were labeled with the well ID appended with and a letter code corresponding to the depth that the PDB was deployed, the sample date and time, and the analysis requested. Samples were then placed in an ice-filled cooler to reduce sample temperature to approximately 4° Celsius and were submitted under standard chain of custody procedures to STL-Edison for VOC analysis. Laboratory analytical data reports are included in Appendix F.

4.4.3.2 Conventional Groundwater Sampling

A groundwater sampling and analysis program was conducted from April 26, 2002 through May 10, 2002 in an effort to create a comprehensive baseline to which future (as well as previous) groundwater sample analytical results could be compared. On April 26, 2002 synoptic groundwater elevation measurements were collected using a dedicated water level meter or interface probe. Beginning on April 30, 2002, all site wells with no measurable product were sampled as per the methods described

in the NJDEP FSPM (NJDEP, 1992). Using a two-inch or three-inch Grundfos® pump and dedicated polyethylene tubing, a pump was lowered to approximately 10 feet below the water table prior to commencement of purging. Based on the drawdown of water during purging, the pump was lowered accordingly. Water quality parameters including temperature, pH, conductivity, dissolved oxygen, turbidity, and oxidation-reduction potential, were recorded at the beginning and end of the purge. Groundwater quality parameters were recorded on field purging and sampling logs and transposed to electronic versions of the logs which are presented as Appendix G.

In areas known to have previously exhibited LNAPL or significant contaminant concentrations, purgewater was also pumped through a granular activated carbon (GAC) tank prior to being discharged to the ground surface. Upon purging of approximately three-well volumes, a dedicated weighted Teflon® bailer was used to collect groundwater samples. Samples were poured directly from the bailer to laboratory supplied glassware and labeled with sample ID, date and time collected, requested analysis, and samplers initials. Samples were then placed in an ice-filled cooler to reduce the sample temperature to approximately 4° Celsius and submitted to STL-Edison for analysis of one or more of the following compounds:

- Total petroleum hydrocarbons (TPHC) via EPA Method 418.1,
- Volatile organic compounds with a library search of the 10 largest unidentified peaks (VOC+10) via EPA Method 624,
- Base-neutral organic compounds with a library search of the 15 largest unidentified peaks (BN+15) via EPA Method 625, and
- Arsenic, chromium, and lead via EPA Method series 6010 and 200.7.

Laboratory analytical data reports are included in Appendix F.

4.5 Nature of Contamination and Cleanup Criteria

Contaminants historically identified in groundwater samples collected from the site wells include chlorinated volatile organic compounds, select volatile and base neutral compounds, and metals – specifically arsenic, chromium, and lead. Additionally, LNAPL was identified on the groundwater surface at several well locations across the site. The source of groundwater impact at the site appears to be from various historical operations including incidental spills and leaks. For purposes of this report, compound concentrations are being compared to the NJDEP Groundwater Quality Standards[1]

[1] In view of the *Federal Electric Co. v. New Jersey Department of Environmental Protection* decision, Superior Court of New Jersey, Appellate Division Docket No. A-518-98T2, Ingersoll-Rand does not concede that Groundwater Quality Standards ("GWQS") are the correct, applicable, or appropriate for this case. Without waiving the right to object to the application of the GWQS in the future, they are nevertheless applied for the purposes of recommendations contained within this document. Use of the GWQS is not to be deemed acceptance or acknowledgement that the GWQS are the correct, applicable, or appropriate standards.

(N.J.A.C. 7:9-6), the interim specific groundwater cleanup criteria, and interim generic groundwater cleanup criteria to assess the extent of impact and make recommendations for further action.

4.6 Reliability of Data

4.6.1 Historic Groundwater Analytical Data

Laboratory analytical reports from previous rounds of groundwater sampling were manually entered into a groundwater database. QA/QC checks on the data were limited to spot checks of data and a review of contaminant trends in each well. Values that appeared as if they might be outliers were checked with the original reports and updated as necessary. Additionally, nonconformance summaries were input into the database as well as the results of QA/QC samples (Field and Trip Blanks). A review of the nonconformances revealed that several historical samples should be additionally qualified and/or rejected from use.

Other factors that influenced the analysis of the historical data include the following. Prior to 1993 reported method detection limits (MDLs) were often much greater than current GWQS making it difficult to assess groundwater quality during this period. Comprehensive sampling of all site wells during one sample collection effort was never completed, thus making it difficult to assess groundwater quality across the site for any one event. Further, no samples appear to have been collected between May 1994 and June 1999.

4.6.2 Historical Geological Data

As described in Section 4.2, the geologic database was populated with information recorded on boring logs, well construction diagrams, permit forms, and figures. Much of the geologic information contained in these documents has been subject to interpretation during initial data collection as well as during review. This may cause variation in the description and location (i.e., depth) of similar geologic material at different places across the site. To minimize this effect, an ENSR geologist reviewed all geologic logs and assigned broad stratigraphic classifications to the varied geologic descriptions contained in the logs. Additionally, since the portions of the site have been filled since beginning operations, older logs may have a reference elevation different from that of current ground surface, thus causing potentially skewed data. Finally, test hole borings that were not converted into wells were not surveyed. New Jersey State Plane coordinates were assigned to these locations based on a historic map of test hole locations. Surface elevations were estimated at test holes using the digital elevation model for Flemington, New Jersey.

4.6.3 Down-Hole Geophysical Data

There are several potential issues that may have effected the accuracy of the down-hole geophysical data. Specifically, the conductivity probe and the heat-pulse flow meter were sensitive to the amount

of NAPL in the well. These devices were easily clogged with product and may have inhibited accurate data collection in some wells. Additionally, the diameter of the well affected the clarity of the optical televiewer log. Larger well diameters and/or turbid water reduced light intensity and diminished visibility of structural features and could have inhibited the fracture identification conducted electronically by Mid-Atlantic Geophysics.

4.6.4 Groundwater Analytical Data

STL Edison performed the analysis in accordance with EPA-approved analytical protocols for methods 418.1 (TPHC), 624 (VOCs), 625 (BNs), 6010B (arsenic), and 200.7 (chromium and lead) under the laboratory's NJDEP certification. Analytical results were reviewed to assess accuracy and precision. Based on a review of the laboratory non-conformance summaries and quality assurance/quality control (QA/QC) data, several data quality issues were identified. Nonconformance summaries in the laboratory analytical data reports (see Appendix F) indicate that 5 samples collected via conventional methods (MW2A, MW33A, MW34, MW35, MW44) had trichloroethylene concentrations recovered outside of quality control limits in the matrix spike. Two field blanks also had this nonconformance reported. Non-conformances are also summarized on the Sample Summary table (Table 3).

Twenty samples collected from PDBs (MW01A, MW-5A, MW05B, MW26A, MW26B, MW26C, MW26D, MW26E, MW28AA, MW28AB, RW09A, RW09B, RW09C, RW09D, RW15A, RW15B, RW15C, RW15D, RW16A, and RW16B) had a nonconformance indicating that chloroethane was recovered outside of quality control limits in the matrix spike. One trip blank and one field blank also had this nonconformance. Non-conformances are also summarized on the Sample Summary table (Table 3).

A review of the quality assurance/quality control sample analytical results (i.e., field and trip blanks) presented in Table 4 through 6 indicate that no VOCs (Table 4) were detected in any of the field or trip blanks associated with the PDB or conventional groundwater samples. No TPHC was detected in the field blanks (Table 4). As shown on Table 5, one BN compound (bis[2-ethylhexyl]phthalate) was detected in all of the field blanks collected during conventional groundwater sampling with concentrations ranging from 1.2 µg/l to 19 µg/l. Bis(2-ethylhexyl)phthalate was also detected in the laboratory blank and may be attributed to laboratory contamination. As shown in Table 6, none of the targeted metals were reported in the field blanks.

No additional variables (environmental or otherwise) were encountered in the field which could have effected the reliability of the analytical data reported.

Based on the above, the data reported appears to be representative of site conditions and are acceptable for use and comparison.

5.0 REMEDIAL INVESTIGATION REPORT

5.1 Geologic Database

The geologic database provides the basis for fundamental understanding of the site-wide subsurface dynamics. From the compiled information in the database, the complete boring log information from over 100 test holes, monitoring wells, and recovery wells were analyzed and a lithologic model was created. The model was later enhanced by the results of the geophysical investigation conducted in March 2002. In conjunction with historical groundwater analytical results as well as the results of this groundwater investigation, the model facilitated an assessment the flow characteristics of the bedrock aquifer.

Figure 4 presents a detailed bedrock geology/topography map that was produced using the data contained in the geologic database as well as from the NJDEP GIS Resources CD. As shown, a ridge is present across the contact between the Allentown and Rickenback formations which crosses the site from north to south. Lines of cross-section are shown on Figure 4 based on the locations of the wells at which geophysical logging was conducted. The geologic cross-sections are presented as Figure 5. As shown in the cross-sections, dolomitic bedrock is overlain by mainly silty clay and fill of varying depths. Fill in some areas is up to 40 feet in thickness and is comprised primarily of sand and other debris. The overburden generally extends to no more than 50 feet below ground surface, with a layer of saprolite beneath that ranges from 0 to 30 feet in thickness. The lithology beneath the water table (54-110 feet bgs) is almost uniformly dolomite, except for thin seams of shale and clay in the bedrock that are a potential migratory pathway for both groundwater and contaminants. Additionally, solution cavities and voids are present throughout the bedrock.

5.2 Geophysical Investigation

The geophysical investigation conducted in March 2002 by Mid-Atlantic Geosciences yielded a significant amount of detailed information regarding the subsurface of the Ingersoll-Rand site. The objective of the survey was to obtain accurate well construction information, define potential water bearing fractures, and determine fracture orientations. The results show a complex system of fractured dolomite with an average strike of N46.6 degrees and a dip azimuth of N136.6 degrees. Based on the results of the investigation 129 potentially water-bearing fractures were identified with a mean azimuth of N130.6 degrees and an average dip angle of 45 degrees. The bedrock was also observed to be fractured above the water table. A copy of Mid-Atlantic GeoScience's geophysical report is included as Appendix F. Pertinent results from the wells analyzed are listed below.

- **MW-1** – Groundwater in MW-1 was encountered at approximately 116 feet below the top of the well casing. The primary water producing fracture zone is located between 113-117 feet. Other

significant fractures are noted at 120 and 122 feet. Lack of a significant water column rendered temperature, conductivity and heat pulse flow meter readings inconclusive.

- **MW-4** – Based on the temperature and conductivity logs, the primary water producing fracture is identified at 107 feet. Less significant potential water bearing zones occurred at both 118 and 122 feet. No vertical flow was observed.

- **MW-5** – Significant amounts of LNAPL was encountered in MW-5, potentially masking OPTV, temperature, conductivity, and heat pulse flow meter readings. Based on the available information, the most likely water bearing zone occurs at approximately 114 feet. No significant vertical flow was measured.

- **MW-17** – Many hairline fractures potentially contribute to groundwater flow in MW-17. The most significant of these is at approximately 132 feet. No flow vertical flow was recorded.

- **MW-20** – The most likely water producing feature in MW-20 occurs at 103 feet, near the base of the well. An upward flow of 0.12 feet per minute was noted just above this feature.

- **MW-26** – Extremely turbid water obscured OPTV readings from MW-26. Caliper logs show only a few minor fractures, the most significant of which occur at 106, 130, and 137 feet. Heat pulse flow meter, temperature, and conductivity logs did not record and significant findings.

- **MW-28A** – Measurable product was encountered in MW-28A from 77.7 – 79.1 feet bgs. This obscured any attempt to record conductivity logs. Water bearing zones most likely occur at 87 and 109 feet. Vertical flow was not recorded by the heat pulse flow meter.

- **MW-32** – Of the many fractures noted below water in MW-32, conductivity logs suggest that those at 116, 123, and 128 feet have the greatest chance of being water producing. Upward flow at 0.664 feet per minute was recorded at 122 feet.

- **MW-34** – Fractures noted slightly above water level from 97-103 feet may contribute to groundwater flow from time to time. Features noted at 106, 114, and 123 feet are the most likely water producing intervals. No vertical flow was noted.

- **MW-38** – Hairline fractures are present throughout this well. The most significant feature below the water line is a fracture at approximately 138 feet. Heat pulse flow meter results indicate that upward flow is present throughout much the water column.

- **MW-44** – The original well record for this location indicated that it was drilled to a total depth of 200 feet. Upon inspection, it was noted that it had collapsed at 94 feet. Only 5 feet of water was

remaining in the borehole. Significant weathering and fracturing was noted just below the casing at 70 feet with hairline fractures throughout the remaining borehole.

- **RW-2** – Below the water level (measured at approximately 106 feet), only a few hairline fractures were noted. OPTV data at this location was poor due to the larger diameter of the borehole. Vertical flow was not detected by the heat pulse flow meter.

- **RW-3** – No significant features with water bearing potential were discovered and no vertical flow was measured.

- **RW-8A** – LNAPL was encountered from 108-109.8 feet, rendering the conductivity sensor unusable. Water bearing zones at 118, 126, and 139 feet were the primary features noted. The heat pulse flow meter did not record any vertical flow.

- **RW-9** – Two fractures detected by conductivity and temperature readings at 118 and 147 feet are the most significant potential water sources. Hairline fractures from 67-102 feet may also contribute to the water column. Slight upward flow was detected at 116 feet.

- **RW-10** – The bedrock in this borehole is slightly fractured throughout with hairline fractures. Minor conductivity variation suggests that many of these may contribute to the water column. Vertical flow was not detected.

- **RW-15** – Approximately 0.8 feet of LNAPL was present on the top of the water table at the time of logging. This did not seem to interfere with the equipment. One significant fracture was noted below the water table at approximately 113 feet. The heat pulse flow meter did not record any vertical flow.

- **RW-16** – The largest potentially water producing feature in this borehole is an open fracture at approximately 141 feet. Hairline fractures noted throughout also may contribute water to the borehole. No vertical flow was detected by the heat pulse flow meter.

- **RW-17** - Approximately 0.8 feet of LNAPL was present on the top of the water table at the time of logging. Temperature and conductivity logs suggest that there be a significant water bearing zone at approximately 123 feet. Hairline fractures above and below this interval may also contribute additional water the borehole. The heat pulse flow meter did not record any vertical flow.

5.3 LNAPL Fingerprints

As discussed in Section 4.4.2, LNAPL samples were collected at RW-17 and MW-28A to determine the type of product present, product properties, and infer potential sources. Results from MW-28A

indicate that the sample is mainly hydrocarbons in the C11 to C34 range suggesting a mixture of #2 diesel range product with a heavier product such as # 4 fuel oil or a light lubrication oil at a ratio of approximately 15% to 85%, respectively. Results from RW17 report that the sample is composed of hydrocarbons in the C11 to C25 range indicating a mixture of #2 diesel range product with a heavier product such as #4 fuel oil or a light lubrication oil at a ratio of approximately 95% to 5%, respectively.

5.4 Groundwater Database Analysis

Groundwater analytical data as well as product thickness and water level elevation measurements have been historically collected for many of the onsite wells and have been submitted to the NJDEP in various venues including the April 26, 2002 NFA Request for the Old Landfill. As discussed in Section 4.1, this data has been entered into a database to facilitate retrieval and analysis of the data. For ease of review, a summary of historic monthly gauging data from January 1995 through April 2002 is included in Appendix C. Additionally, historic groundwater analytical data from samples collected between 1989 and 2000 for those compounds with previous exceedances of the current NJDEP GWQS are included in Appendix B.

5.4.1 Groundwater Elevation Data

Based on a review of groundwater gauging data it is apparent that although seasonal fluctuations in groundwater elevation can be extreme, differences in groundwater potential remain largely unchanged across the site. Generally, groundwater potential in the main plant area decreases toward the southeast. However, an area of higher groundwater elevation is present in the vicinity of RW9, at the center of the facility buildings. This may cause groundwater to flow south and southwest in the area just north of the New Landfill, west in the area near the Stormwater Retention Pond, and north and northeast in the northern portion of the facility. Additionally, groundwater in the southern portion of the site seems to follow a potentiometric gradient across the landfills from west to east or in an east-southeast direction. Actual groundwater flow in any portion of the site would be dependent on the presence of water bearing fractures and their orientation.

Selected groundwater elevation maps based on historical data were presented in the April 2002 NFA Request for the Old Landfill. The April 2002 groundwater contour map is provided as Figure 6. This map shows the groundwater potential in much the same way the each of the historic gauging rounds. Average hydraulic gradient across the site is approximately 0.02 feet/foot and appears to range from 0.007 feet/foot to 0.10 feet/foot.

5.4.2 Product Thickness Data

Gauging data was reviewed from 1995 through April 2002 to determine trends in thickness and extent of LNAPL. Thickness appears to fluctuate around three plume centers located at RW-16, MW-5, and in recovery wells around the former bulk storage area shifting to RW-17 more recently. The estimated

extent of LNAPL impact fluctuates around these centers often intersecting each other and appearing as one plume. The extent of impact appears to be greatly influenced by product recovery operations as gauging events conducted closely following product recovery operations has been shown to significantly alter the calculated plume configuration. Based on the review, the extent of LNAPL impact is irregularly shaped and extends from between MW-20 and MW-17, west to RW-11, south to RW-13, east to the area between MW-26 and MW-30, and north back to the area between MW-21 and MW-17. A map of the area impacted by LNAPL based on the March 2002 gauging data is presented as Figure 7 and shows the area of impact at what appears to be its maximum extent. A map of the impacted area based on the April 2002 is not included in this report as the data was collected after product recovery activities and is not representative of static site conditions.

5.4.3 Historic Groundwater Analytical Data

Based on a review of the historic groundwater analytical data (prior to 2000), compounds exceeding the NJDEP GWQS include a variety of chlorinated organic compounds, volatile organic compounds (specifically, toluene, ethylbenzene, xylenes, MTBE, and tentatively identified compounds), base-neutral organic compounds (specifically bis[2-ethyhexyl]phthalate and tentatively identified compounds), petroleum hydrocarbons, and metals (specifically, arsenic, chromium, and lead). Using this list of compounds, ENSR produced tables of analytical results specific to each compound of concern. The tables are presented in Appendix B and well locations are shown on the Site Map presented as Figure 2. This data is summarized below.

<u>Chlorinated Organic Compounds</u>

- **1,1,1-Trichloroethane (1,1,1-TCA)** was initially identified in MW-4 in 1989. Subsequent analyses throughout the 1990s did not confirm its presence in that well, but did show the compound in wells MW-1, MW-2/MW-2A, MW-3, MW-6, MW-33A, MW-35, RW-1, RW-11, RW-14, RW-16, and TH-36 at concentrations ranging from 3 to 290 µg/l.
- **1,1,2,2-Tetrachloroethane (1,1,2,2-TCA)** was detected at 30 µg/l at MW-3 during the November 1992 groundwater sampling event. The compound has not been detected in any other groundwater sampling events.
- **1,1-Dichloroethane (1,1-DCA)** was initially reported at the site in samples collected from RW-5 and RW-6 in the eastern portion of the main plant area. Concentrations in other site wells include relatively low (and stable) concentrations at MW-6 and MW-16. Sporadic detections of 1,1-DCA were also reported in MW-4, RW-14, RW-11, RW-13, TH-36, MW-33A, and MW-35 and were all below standard (often below MDL).
- **1,1-Dichloroethylene (1,1-DCE)** has been detected at concentrations greater than the current GWQS at MW-6, RW-1, MW-2A, RW-13, MW-33A, MW-34, and MW-35. MDLs for

this compound were consistently in excess of GWQS through the November 1993 sampling event.

- **1,2-Dichloroethane (1,1-DCA)** has only been detected two times in samples collected from site wells. Groundwater samples MW6 collected in June 1992 and MW-2A collected in November 1992 had reported concentrations of 1,2-DCE of 94 µg/l and 2 µg/l, respectively. Like 1,1-DCE, MDLs were consistently reported at concentrations greater than the MDL through 1993.

- **Cis and trans 1,2-Dichloroethylene (cis-/trans-1,2-DCE)** (or total dichlorothelyenes) have been detected predominantly in MW-4 at concentrations ranging from 3 µg/l to 420 µg/l. Other wells exhibiting detectable concentrations of dichlorothelyenes include MW-1, MW-3, RW-2, RW-5, and TH-36.

- **Methylene Chloride (MeCl)** has been identified at a variety of site wells and was often qualified with the analyte also being detected in laboratory blanks. Detected concentrations ranged from 6 to 35 µg/l in wells including MW-1, MW-2/MW-2A, MW-4, MW-5, MW-6, MW-17, MW-21, MW-34, MW-36, MW-37, MW-38, MW-39, RW-11, and TH-36.

- **Tetrachloroethylene (PCE)** has been identified in several site wells at concentrations ranging from 2 µg/l to 52 µg/l. Concentrations appeared to be concentrated near MW-4 through the early 1990s (with the exception of MW-3 in May 1992 that had a reported PCE concentration of 34 µg/l while MW-4 did not have a detectable concentration).

- **Trichloroethylene (TCE)** has generally been identified in MW-4 and MW-6 at concentrations ranging from 3 µg/l to 92 µg/l. Other wells with reported detections include MW-2, MW-3, MW-6, MW-16, MW-33A, MW-34, MW-35, MW-37, RW-1, RW-14, and TH-36.

- **Vinyl Chloride (VC)** has only been detected at MW-3 and MW-4 prior to 1993. Concentrations reported during this time ranged from 15 µg/l to 57 µg/l. After 1992, however, vinyl chloride was not reported at detectable concentrations at any wells sampled.

<u>Non-Chlorinated Volatile Organic Compounds</u>

- **Ethylbenzene** was detected in RW-4 and RW-5 at 47 mg/l in November of 1991 and was related to the LNAPL present in those wells. Concentrations in other site wells, which include MW-2A, MW-4, MW-16, and TH-36, have ranged from 1 µg/l to 15 µg/l.

- **Total Xylenes** were detected at RW-4 and RW-5 at 270 mg/l in November of 1991 and was related to the LNAPL present in those wells. Concentrations at other site wells have been reported at only trace concentrations and have remained, generally undetected.

- Like Ethylbenzene and Total Xylenes, **Toluene** was reported at RW-4 and RW-5 at 270 mg/l in November of 1991 and was related to the LNAPL in those wells. Concentrations at other site wells have been reported at a range of 3 µg/l to 250 µg/l with no toluene detected in wells sampled after February of 1993.
- **Methyl Tertiary Butyl Ether (MTBE)** was requested as part of the sample analysis during the November 1991 sampling event and in MW-36 during the June 1999 sampling event. Concentrations of MTBE were undetected in the 1991 sampling event (the MDL at RW-4 was 10 mg/l). MW-36 exhibited a reported concentration of 17 µg/l in the 1999-sampling event.
- **Tentatively Identified Volatile Organic Compounds (VOTICs)** were reported at several wells prior to 1993. During this period concentrations ranged from 9 µg/l to 1,446 mg/l in wells including MW-1, MW-2A MW-3, MW-4, MW-6, MW-19, RW-4, RW-5, RW-11, RW-14, RW-16, and TH-36. High concentrations of VOTICS are likely a result of LNAPL. Since 1993, no VOTICs have been reported at concentrations exceeding GWQS in samples.

Base Neutral Organic Compounds

- **Bis(2-Ethyhexyl)Phthalate (BEHP)** has been detected at many wells onsite at seemingly random locations. Reported concentrations range from 1.1 µg/l to 250 µg/l. Trends in concentrations at each well appear to increase from 1993 to 1994 and return to trace or non-detectable levels in 1999. The presence of BEHP is likely attributable to sample collection methods and laboratory contamination.
- **Tentatively Identified Compounds (BNTICs)** were reported at concentrations in excess of NJDEP GWQS in wells RW-16 and MW-05 prior to 1994. No exceedances of the GWQS have been reported in more recent samples.

Total Petroleum Hydrocarbons

- The GWQS for **TPHC** is “none noticeable”. TPHC has been reported above detection levels in various wells throughout the historical sampling events. Additionally, a LNAPL plume is present in the facility area.

Metals

- **Arsenic** has only been detected in excess of the GWQS in MW-4 and MW-5. These exceedances were reported in 1989 and 1991 and have not been confirmed in sampling events through 2000.
- **Chromium** was first reported in RW-9 in 1991 at a concentration well below the GWQS. This well has not been re-sampled for chromium since and no other wells have had reported detection's of chromium.

- **Lead**, like arsenic has only been detected in excess of the GWQS in MW-4 and MW-5. These exceedances were reported in 1989 and more recent results have no reported detection of lead.

5.5 Groundwater Monitoring Discussion

As discussed in Section 4.4, a comprehensive groundwater sampling event was conducted in March and April of 2002 and included the collection of groundwater samples using passive diffusion bags and conventional sampling methods. Analytical results were received electronically from the laboratory and imported into the groundwater database for analysis. The following subsections discuss the results of the PDB sample analysis and conventional groundwater sample analysis, respectively.

5.5.1 Passive Diffusion Bag Results

As shown on Table 3, 41 PDB samples were collected with two duplicate samples (indicated with a "P") at various depths in a total of 18 wells. PDBs were hung at depths corresponding to known or suspected fractures to assess vertical concentration gradients, determine vertical delineation depths, and potentially identify fractures in which contaminants were migrating. Analytical results, summarized in Table 7, indicate that several wells sampled with PDBs (MW-1, MW-5, MW-13, MW-17, MW-20, MW-26, MW-28A, and MW-38) did not have any reported concentrations of VOCs. One well (MW-3) had only trace amounts of VOCs reported; none of which were detected in excess of GWQS. The remaining wells (MW-4, MW-6, MW-32, MW-32A, MW-34, MW-35, RW-9, RW-15, and RW-16) had reported concentrations of one or more of the following compounds in excess of the GWQS: 1,1,1-trichloroethane, 1,1-dichloroethane, 1,1-dichloroethene, 1,2-dichloroethane, cis-1,2-dichloroethene, tetrachloroethylene, trichloroethylene, and vinyl chloride. Figure 8 shows groundwater analytical results for compounds which were reported at concentrations in excess of the GWQS at each well. Based on the laboratory analytical results, an analysis of concentration vs. depth was conducted at wells at which more than one PDB was deployed. Results of this analysis were inconsistent as some concentrations decreased with depth while others increased or stayed the same. Specifically, analysis showed the following:

- **MW-4** – Concentrations of cis-1,2-dichloroethene, tetrachloroethylene, and trichloroethylene showed decreasing trends with depth and were projected to be less than GWQS at 231 feet, 568 feet, and 510 feet, respectively. Concentrations of vinyl chloride did not change over depth and could not be projected over the depth of the aquifer.

- **MW-6** – Concentrations of 1,1-dichloroethene, 1,1,1-trichloroethane, and trichloroethylene all showed decreasing trends with depth. These compounds were projected to decrease to concentrations below GWQS to 241 feet, 290 feet, and 241 feet, respectively.

- **MW-32** – Concentrations of 1,1-dichloroethene and trichloroethylene showed increasing trend between 117 and 127 feet.

- **MW-33A** – One PDB sample and one duplicate sample was collected at this location. Results reported tetrachloroethylene and trichloroethylene slightly over the GWQS.

- **MW-34** – Concentrations of tetrachloroethylene and trichloroethylene at this well show an increasing trend with depth between 106 feet and 113 feet.

- **MW-35** – Two PDBs were deployed in MW 35 at 122 feet and 128 feet. Results from these PDBs were identical for 1,1,1-trichloroethylene and 1,1-dichloroethane, and showed an increasing trend for tetrachloroethylene and trichloroethylene.

- **RW-9** – Concentrations of cis-1,2-dichloroethene, tetrachloroethylene, and trichloroethylene showed decreasing trends at the four depth the PDBs were deployed (118 feet, 147 feet, 160 feet, and 188 feet) and all decreased to below GWQS before reaching 188 feet.

- **RW-15** – Concentrations of trichloroethylene and vinyl chloride over the four intervals at which PDBs were deployed did not a show steady trend between 113 and 156 feet.

- **RW-16** – Concentrations of 1,1-dichoroethane and 1,1-dichoroethene showed slightly decreasing trends in RW16. Based on these trends, concentrations of these compounds are expected to reduce to below GWQS at 521 and 244 feet, respectively. However, concentrations of 1,2-dichloroethane and vinyl chloride showed steady or increasing trends.

5.5.2 Conventional Sample Results

As proposed in the 2002 groundwater RIWP, all 64 site wells, including those that were sampled via PDBs, were scheduled to be sampled using standard purging and sampling techniques. However, as shown in Table 3, only 48 wells were sampled during the comprehensive groundwater sampling program. The remaining 16 wells that were scheduled to be sampled either had measurable product prior to purging or product was drawn into the well during purging preventing sample collection. Groundwater Purging and Sampling Logs were not prepared for wells with measurable product. Wells in which product was encountered during purging (MW-11, RW-7, RW-9, RW-15, RW-16, and THWLS) were not sampled and the appearance of product during purging was noted on the Groundwater Purging and Sampling Logs included in Appendix H. Field parameters collected from wells sampled, also recorded on the Groundwater Purging and Sampling Logs, were reviewed to determine trends in water quality parameters. A review of pH data revealed areas around MW-16, RW-13, and RW-15 that exhibited a pH greater than 9.0. Additionally, areas of groundwater exhibiting pH readings below 5.0 were identified in the vicinity of MW-31, MW-41, RW-10, and TH-36 as well as

in areas around MW-30 and west of RW-7. Dissolved oxygen (DO) readings at each of the wells indicated that groundwater across the site was oxygenated at concentrations above 2.0 mg/l. Oxidation-reduction potential (ORP) confirmed – with the exception of three wells (MW-20, MW-29, and MW-40) – that groundwater was oxidative. Regardless, dehalogenation of the chlorinated compounds in groundwater at the Site, while not robust, appears to be occurring as PCE/TCE degradation products have been reported in several locations.

Groundwater analytical results, summarized in Tables 8 through 10, reported exceedances of GWQS for organic compounds in 14 of the 48 wells sampled. No exceedances of TPHC or BN compounds were reported. Compounds which exceeded GWQS included 1,1,1-trichloroethane, 1,1-dichloroethene, carbon tetrachloride, cis-1,2-dichloroethene, tetrachloroethylene, trichloroethylene, and vinyl chloride. To assess the aerial extent of these compounds, the location of these exceedances were reviewed relative to results at other wells. This review indicated that concentrations of 1,1,1-TCA and 1,1-DCE are in exceedance of GWQS at and around MW-35. Cis-1,2-dichloroethene appears to exceed GWQS only in the immediate vicinity of MW-4. Concentrations of TCE and PCE in excess of GWQS are more pervasive, showing exceedances throughout the southside of the Site with concentrations of PCE above criteria extending northward into the center of the facility buildings. Concentrations of TCE in excess of criteria appear to be centered at MW-4, MW-35, and MW-37 while concentrations of PCE appear centered at MW-4, MW-16, MW-34, and RW-11. Carbon tetrachloride and vinyl chloride were reported above GWQS at MW-37 and MW-4, respectively and were not reported above detection limits in any other well.

As shown in Table 10, five wells of 17 sampled for selected metals had reported exceedances of arsenic, chromium, and/or lead. Three of these wells (MW-30, MW-36, and MW-39) did not have any other exceedances while the remaining two (RW-11 and TH-36) also had reported concentrations of PCE exceeding the GWQS.

5.5.3 Correlation of PDB and Conventional Sample Results

The results of the PDB samples compared well with the groundwater analytical results from samples collected via conventional methods. Generally, results from PDBs were slightly greater than the results from the conventional groundwater sample except for PCE, where conventional sample results averaged greater than PDB results.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Geologic Investigation and Data Analysis

A review of the geologic data contained in historical boring logs combined with the data collected during the 2002 geophysical investigation revealed that the subsurface aquifer is a fractured karst-like dolomite. Groundwater does not appear in significant quantity in the overburden and appears to quickly infiltrate from the overburden into the bedrock aquifer. Vertical flow was measured at barely detectable rates in 4 of 19 wells investigated indicating that the system may not support significant flow and thus limit the potential transport of dissolved contaminants. This is likely a result of the relatively steep angle of the fractures (average of 45°).

Fracture connectivity was unable to be conclusively demonstrated based on the present data. However, based on the extent of the LNAPL and dissolved-phase constituents at the site, it appears that many wells are hydraulically connected. However, this interconnectivity appears to be related to smaller and/or steeply angled fractures since the historic migration of contaminants appears limited. If a substantial network of large fractures existed, a greater area of impact would be expected given the length of time the contaminants have been present.

6.2 Well Search

Based on the well search results, several domestic water supply wells were identified within ½-mile of the Site. However, as discussed in Section 3.5, the plotted locations of many wells on Figure 3 do not appear accurate. Therefore, it is recommended that the locations of potential receptor wells (i.e., domestic supply) identified in the well search be verified though address matching and compared to locations supplied by the NJDEP Bureau of Water Allocation. If the locations do not match, Monitoring Well Certification Form B for each well in question may be reviewed. Based on these results, additional investigation into downgradient supply wells may be appropriate (see Section 6.4).

6.3 LNAPL

Based on the analytical results of the two LNAPL samples collected, the product present in these locations are a mix of #2 fuel oil and a heavier product – possibly #4 fuel oil or a light lubricating oil. Both #2 and #4 fuel oil have historically been stored and used in appreciable quantities on-site as well as quench oil, which has previously been identified in RW-9. Additionally, because LNAPL samples were collected after product recovery operations, several wells in which LNAPL had been recorded previously did not have any recoverable product. As such, ENSR recommends that additional LNAPL samples be collected from wells in which the product appears different from other locations. Based on plume configuration and previous descriptions of LNAPL at the Site, three additional samples are proposed to further identify product types and characterize potential sources.

As discussed in Section 5.4, product thickness data indicate that the extent of the LNAPL plume has not significantly changed over the past 7 years. This indicates that LNAPL is contained within the fracture system and its movement is constrained by a combination of its specific gravity (i.e., lighter than water) and fracture orientation (i.e., dip angles averaging 45°). This is further documented by the drawing of product into some wells during purging activities. Apparently, the lowering of the groundwater potential below certain fractures allowed LNAPL to drain into the well. ENSR recommends that future product recovery operations take this into account by determining fracture locations in wells within the plume area and depressing water levels at these wells to below the fractures in an effort to stimulate LNAPL flow and facilitate the recovery of remaining LNAPL.

6.4 Groundwater Investigation and Data Analysis

As previously mentioned in Section 4.6, because a comprehensive round of groundwater sampling was never previously completed at the Site and large temporal data gaps are present, it was difficult to relate the data temporally and spatially. Additionally, historic groundwater analytical results at specific well locations do not appear to show consistent results or trends in concentrations over time. This may be related to inconsistencies in sampling and analysis methodology and procedure. However, while concentrations over time have not appeared consistent, specific chlorinated organic compounds have consistently been detected at specific wells. Other analytes previously detected in excess of GWQS do not have any consistent spatial or temporal patterns.

Because significant groundwater flow is not expected, it does not appear that the dissolved phase contaminants will migrate significantly from the wells at which they are identified. However, the analytical results of the groundwater samples collected in 2002 suggest that chlorinated organic compounds may extend beyond the site boundaries as horizontal delineation is not completed to the southern site boundaries. Therefore, it is recommended that the up to eight wells be installed on site; two along the northern property line, two in the southeast portion of the site towards the property boundary, two in the southwestern portion of the site toward the site boundary, and two in the vicinity of the Old Landfill. These six wells proposed near the site boundaries will aid in determining groundwater potential across of the site and may horizontally delineate dissolved-phase constituents to the property boundaries. The two additional wells in the vicinity of the Landfill would help to more clearly delineate the extent of LNAPL impact and determine if the Landfill has contributed to LNAPL and dissolved-phase impacts. Figure 10 shows the proposed locations of these monitoring wells.

In addition to the installation of new monitoring wells, ENSR recommends that the location of nearby wells identified in the well search (see Sections 3.5 and 6.2) be verified. Verification of the locations of these wells would help in the assessment of groundwater quality southwest of the site and in the determination of potential offsite impact.

Based on the results of the PDB samples several compounds have been delineated vertically either with a sample result below GWQS or a projection based on samples collected at multiple vertical

intervals within the well. However, concentrations of select compounds at several locations are not defined vertically. ENSR does not propose to install any wells to the depths (approximately 600 feet) at which several chlorinated compounds have been projected to be present at concentrations below the GWQS to verify vertical delineation for all compounds. Alternatively, it is recommended that PDB samplers be employed as the preferred sampling method at each well that has a reported exceedance during the April – May 2002 round of groundwater sampling. PDBs will be deployed annually at a minimum of two depths per well biased to known fracture locations or evenly throughout the well, as appropriate. Analytical results will be used to monitor vertical stratification of the chlorinated organic compounds present at the site.

Based on the results of this investigation, ENSR recommends that BNs no longer be analyzed as a potential contaminant of concern in groundwater. Historic BN exeedances of GWQS consisted of bis(2-ethylhexyl)phthalate, n-nitrosodiphenylamine, and phenanthrene. N-nitrosodiphenylamine, and phenanthrene have not been reported above detection limits since 1994 in any wells sampled and appear to be correlated to locations in which LNAPL has been identified and is likely present in analytical results due to LNAPL contamination of the sample. Reported bis(2-ethylhexyl)phthalate concentrations have been attributed to laboratory and field contamination.

With respect to arsenic, chromium, and lead concentrations, ENSR recommends that wells MW-30, MW-36, MW-39, RW-36, and TH-36 be re-sampled during upcoming semiannual sampling to confirm the presence of these compounds at concentrations in excess of GWQS. Monitoring wells MW-4, MW-5, and RW-9 should also be sampled for these metals to confirm historical results. Additional wells may also be selected for metals analysis based on their proximity to wells which have or had exceedances of any one of these metals. Each well sampled will have a filtered and unfiltered sample collected to determine whether suspended solids are contributing to elevated metals concentrations.

With respect to TPHC and LNAPL, product recovery operations will be continued at the site and groundwater samples using both PDB and conventional methods are proposed for each well that was not sampled during the April – May 2002 sampling round due to the presence of product. Sampling will be contingent upon the absence of product prior to sampling.

6.5 Summary of Recommendations

The following recommendations have been made with regard to LNAPL and dissolved phase constituents in groundwater at the Phillipsburg, NJ facility.

- Verification of plotted locations of potable wells identified in the well search.

- Installation of up to eight wells to confirm delineation of chlorinated organic compounds to the property boundaries and to more clearly delineate the LNAPL extent in the vicinity of the Landfill.

- Collection of up to three additional LNAPL samples to assess potential sources and characteristics of LNAPL in the subsurface.

- Continuation of product recovery operations using geophysical data and data from groundwater purging activities that induced LNAPL flow. Use of this data will help to target and maximize future product recovery operations.

- Collection of groundwater samples from all wells that were not sampled during the April – May round of groundwater sampling using PDB and conventional methods as soon as the absence of LNAPL is confirmed at each well.

- During the next two semiannual monitoring events, deploy a minimum of two PDB samplers in each of the 14 wells with reported exceedances of chlorinated organic compounds to monitor trends in vertical stratification.

- Remove BN compounds (specifically bis[2-ethylhexyl]phthalate, n-nitrosodiphenylamine, and phenanthrene) as groundwater compounds of concern at the Site.

- Resample wells for arsenic, chromium, and lead collecting both filtered and unfiltered samples to verify the presence of these metals in groundwater and determine their extent.

7.0 REFERENCES

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TABLES

TABLE 1
SUMMARY OF ONSITE MONITORING AND RECOVERY WELLS
Groundwater Remedial Investigation Report
Ingersoll-Rand Company
Phillipsburg, New Jersey

Well	Permit No.	Top of Casing	Ground Surface	Well Depth	NJSP-X (1983)	NJSP-Y (1983)	Data Source
MW1	24-15860-7	363.72	361.40	120	307302.73	678719.76	Form B
MW2A	24-25893-8	354.33	353.25	125	306138.04	676386.80	Form B
MW3	24-15863-1	339.68	336.90	110	307103.00	676140.00	Form B
MW4	24-15864-0	317.20	314.30	120	307593.88	676491.34	Form B
MW5	24-15865-8	326.36	323.60	120	307505.51	677351.38	Form B
MW6	24-28445-9	350.39	347.38	195	306433.47	676085.03	Form B
MW8	24-28442-4	363.63	360.33	200	307543.93	678551.65	Form B
MW9	24-28443-2	347.12	344.15	190	307783.44	678102.87	Form B
MW10	24-27446-7	356.22	353.16	150	307374.78	677918.31	Form B
MW11	24-28444-1	364.25	361.33	200	306388.71	677544.54	Form B
MW12	24-28574-9	364.15	361.27	175	307551.15	678712.10	Form B
MW13	24-28713-0	359.58	356.63	200	307387.98	677624.13	Form B
MW15	24-28745-8	362.72	359.73	150	306852.88	677319.27	Form B
MW16	24-28744-0	363.66	360.48	200	306352.66	677316.18	Form B
MW17	24-29053-0	324.39	321.56	157	308800.62	678904.90	Form B
MW18	24-29054-8	347.63	344.83	150	308111.54	678874.94	Form B
MW19	24-29052-1	340.66	338.17	150	308385.57	678342.28	Form B
MW20	24-29146-3	333.58	330.70	160	308513.65	678750.35	Form B
MW21	24-29144-7	355.85	353.05	200	307742.62	678658.13	Form B
MW24	24-30001	362.77	359.62	157	306175.40	677718.62	Form B
MW25	24-30003	319.66	316.82	160	307578.09	677210.05	Form B
MW26	24-30002	318.76	315.48	160	307653.05	677414.65	Form B
MW27	24-36865	352.54	349.35	140	307170.46	677443.47	Form B
MW28A	24-37450	344.27	340.70	125	307574.63	677794.17	Form B
MW29	24-36868	327.58	324.62	145	307792.94	677638.52	Form B
MW30	24-36869	290.67	287.84	100	307948.34	677068.91	Form B
MW31	24-36870	368.09	365.15	175	306343.97	678111.05	Form B
MW32	24-36871	367.37	364.22	150	306913.71	677512.58	Form B
MW33A	24-37362	352.06	349.02	125	305685.77	676712.11	Form B
MW34	24-36984	351.81	348.68	130	305723.63	676153.68	Form B
MW35	24-36990	351.06	347.89	145	306273.89	675714.10	Form B
MW36	24-36986	333.26	330.43	147	307325.27	675547.38	Form B
MW37	24-36987	285.33	282.46	100	307977.93	676246.15	Form B
MW38	24-36988	310.83	307.99	150	307653.32	675709.23	Form B
MW39	24-36989	341.81	338.92	150	306782.99	675364.08	Form B
MW40	24-38016	347.85	344.92	140	305905	678740	Form B
MW41	24-38015	347.91	344.95	150	305832	678202	Form B
MW42	24-38014	345.57	342.57	125	305595	679535	Form B
MW43A	24-38751	341.15	338.47	103	305504	678609	Form B
MW44	24-38012	340.59	337.47	115	305503	677772	Form B
MW45	24-38011	308.05	305.4	75	305118	678766	Form B

NOTES:
NA - Data not available.
Top of Casing and Ground Surface are elevations measured in feet above mean seal level.
Well Depth is measured as feet below ground surface.
NJSP - New Jersey State Plane coordinate system (North American Datum -1983)
Form B - Well location reported in Lat/Long on Form B, transferred into NJSP NAD 83
DGPS - Well location determined using differentially corrected GPS data (GeoExplorer3)
Map = Estimated based on mapped location.

TABLE 1
SUMMARY OF ONSITE MONITORING AND RECOVERY WELLS
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Phillipsburg, New Jersey

Well	Permit No.	Top of Casing	Ground Surface	Well Depth	NJSP-X (1983)	NJSP-Y (1983)	Data Source
RW1	24-22756-1	351.54	349.69	150	307767.17	678261.30	Form B
RW2	24-23078-2	360.46	358.54	150	307554.39	678261.27	Form B
RW3	24-23816	350.20	348.88	151	307918.57	678429.76	Form B
RW4	24-23180-1	362.96	361.32	150	307116.57	678024.92	Form B
RW5	24-25010	359.66	357.78	175	307746.00	678459.41	Form B
RW6	24-24671-9	358.63	357.47	200	307617.01	678360.00	Form B
RW7	24-24672-7	360.11	358.54	175	307453.15	678259.60	Form B
RW8	24-24680-8	361.01	359.45	175	307414.48	678115.56	Form B
RW8A	24-27026-1	360.30	358.72	197	307425.08	678111.92	Form B
RW9	24-27000-8	363.67	362.04	200	306546.09	678132.89	Form B
RW10	24-27061-0	363.14	362.32	175	306127.83	678172.85	Form B
RW11	24-27086-5	362.42	362.74	175	306596.90	678539.62	Form B
RW12	24-27105-5	363.16	361.64	170	306512.31	677620.04	Form B
RW13	24-27106-3	360.21	359.29	170	306454.14	677124.34	Form B
RW14	24-27126-8	362.07	360.78	170	306927.76	677542.64	Form B
RW15	24-27075-0	362.07	360.86	170	307267.73	678343.84	Form B
RW16	24-27074-1	363.35	361.97	175	307091.17	678221.45	Form B
RW17	24-28746-6	341.80	338.75	150	308249.31	678608.21	Form B
TH36	24-23044-8	361.15	361.79	125	306399.11	677721.08	Form B
THby4	24-23044	NA	NA	127	307151	678008	Map
THWLS (TH28)	24-23178	NA	362	127	306953	678038	Map
THBF (TH34)	NA	NA	NA	NA	307860	678444	Map
1P (WW1)	44-1	349.64	352.58	NA	307057.21	677818.299	DGPS
Old WW (WW2)	NA	NA	357.08	503	307779.231	678377.674	DGPS
WW3	NA	NA	371.2	NA	306632.669	677989.27	DGPS

NOTES:
NA - Data not available.
Top of Casing and Ground Surface are elevations measured in feet above mean seal level.
Well Depth is measured as feet below ground surface.
NJSP - New Jersey State Plane coordinate system (North American Datum -1983)
Form B - Well location reported in Lat/Long on Form B, transferred into NJSP NAD 83
DGPS - Well location determined using differentially corrected GPS data (GeoExplorer3)
Map = Estimated based on mapped location.

TABLE 2
SUMMARY OF WELL SEARCH RESULTS
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Permit #	Owner	Address	Well ID	Well Use (1)	NJSP X (NAD83)	NJSP Y (NAD83)	Finish Depth (2)	Distance From Site (3)
SITE WELL RECORDS								
24-23044	Ingersoll-Rand Corp.	---	---	B	305350	675193	---	0.25
24-22755	Ingersoll-Rand Corp.	---	---	B	304272	675201	---	0.5
24-23045	Ingersoll-Rand Corp.	---	---	B	304272	675201	---	0.5
24-23178	Ingersoll-Rand Corp.	---	---	B	304261	673886	---	0.5
24-27071	Ingersoll-Rand Corp.	942 Memorial Parkway	---	B	303281	676625	150	0.5
24-27073	Ingersoll-Rand Corp.	942 Memorial Parkway	---	B	303281	676625	100	0.5
24-27074	Ingersoll-Rand Corp.	942 Memorial Parkway	---	B	303281	676625	155	0.5
24-27075	Ingersoll-Rand Corp.	942 Memorial Parkway	---	B	303281	676625	170	0.5
24-27076	Ingersoll-Rand Corp.	942 Memorial Parkway	---	B	303281	676625	120	0.5
24-27126	Ingersoll-Rand Corp.	942 Memorial Parkway	---	B	303291	677941	170	0.5
24-27105	Ingersoll-Rand Corp.	942 Memorial Parkway	---	B	302269	675217	170	0.75
24-27106	Ingersoll-Rand Corp.	942 Memorial Parkway	---	B	302269	675217	170	0.75
24-40102	Ingersoll Rand	942 Memorial Parkway	B 2-829	B	300925	680692	46	1
24-23179	Ingersoll-Rand Corp.	OFF HWY 22	3	E	305350	675193	117	0.25
24-24673	Ingersoll-Rand Corp.	942 Memorial Parkway	---	E	304293	677933	175	0.25
24-22756	Ingersoll-Rand Corp.	942 Memorial Parkway	---	E	307384	679225	135	Site
24-22756	Ingersoll-Rand Corp.	942 Memorial Parkway	---	E	307384	679225	135	Site
24-23078	Ingersoll-Rand Corp.	S. OF RT. 22	---	E	307384	679225	150	Site
24-23180	Ingersoll-Rand Corp.	S. OF RT. 22	---	E	306382	679233	150	Site
24-23816	Ingersoll-Rand Corp.	---	---	E	307384	679225	---	Site
24-24671	Ingersoll-Rand Corp.	942 Memorial Parkway	---	E	307384	679225	200	Site
24-24672	Ingersoll-Rand Corp.	942 Memorial Parkway	---	E	307384	679225	175	Site
24-24680	Ingersoll-Rand Corp.	942 Memorial Parkway	---	E	307384	679225	175	Site
24-25010	Ingersoll-Rand Corp.	942 Memorial Parkway	---	E	307384	679225	175	Site
24-34007	Ingersoll-Dresser PU	942 Memorial Parkway	RW-17	E	305381	679240	150	Site
24-10334	Ingersoll-Rand Corp.	---	---	I	307384	679225	---	Site

Notes:

(1) Well use codes:

B = Deep Soil Boring	I = Industrial Well	V = Gas Vent
D = Domestic Well	M = Monitoring Well	X = Agricultural Well
E = Recovery Well	N = Public Supply Well	Z = Piezometer
G = Irrigation Well	U = Non Public Well	1 = Domestic Well

(2) Depths are reported in feet below ground surface.

(3) Distance from site (in miles) based on plotted location as provided by NJDEP Bureau of Water Allocation records.

(4) Soil Boring Permits may be blanket permits for conducting multiple deep soil borings.

TABLE 2
SUMMARY OF WELL SEARCH RESULTS
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Permit #	Owner	Address	Well ID	Well Use (1)	NJSP X (NAD83)	NJSP Y (NAD83)	Finish Depth (2)	Distance From Site (3)
24-15860	Ingersoll-Rand Corp.	---	---	M	305350	675193	---	0.25
24-15861	Ingersoll-Rand Corp.	---	---	M	305350	675193	---	0.25
24-15862	Ingersoll-Rand Corp.	---	---	M	305350	675193	---	0.25
24-15863	Ingersoll-Rand Corp.	---	---	M	305350	675193	---	0.25
24-15864	Ingersoll-Rand Corp.	---	---	M	305350	675193	---	0.25
24-15865	Ingersoll-Rand Corp.	---	---	M	305350	675193	---	0.25
24-25893	Ingersoll-Rand Corp.	---	---	M	304282	676618	125	0.25
24-27000	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304293	677933	200	0.25
24-27061	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304293	677933	175	0.25
24-27086	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304282	676618	175	0.25
24-28442	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304303	679249	200	0.25
24-28443	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304303	679249	190	0.25
24-28444	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304303	679249	200	0.25
24-28445	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304303	679249	195	0.25
24-28446	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304303	679249	150	0.25
24-28574	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304303	679249	175	0.25
24-28713	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304303	679249	200	0.25
24-28744	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304303	679249	200	0.25
24-28745	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304303	679249	150	0.25
24-29052	Ingersoll-Rand Corp.	942 Memorial Parkway	19	M	304303	679249	150	0.25
24-29053	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304303	679249	157	0.25
24-29054	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304303	679249	150	0.25
24-29144	Ingersoll-Rand Corp.	942 Memorial Parkway	MW21	M	304303	679249	200	0.25
24-29145	Ingersoll-Rand Corp.	942 Memorial Parkway	MW22	M	304303	679249	175	0.25
24-29146	Ingersoll-Rand Corp.	942 Memorial Parkway	MW20	M	304303	679249	160	0.25
24-30001	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304303	679249	147	0.25
24-30002	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304303	679249	160	0.25
24-30003	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304303	679249	160	0.25

Notes:

(1) Well use codes:

B = Deep Soil Boring	I = Industrial Well	U = Non Public Well
D = Domestic Well	G = Irrigation Well	V = Gas Vent
1 = Domestic Well	M = Monitoring Well	X = Agricultural Well
E = Recovery Well	N = Public Supply Well	Z = Piezometer

(2) Depths are reported in feet below ground surface.

(3) Distance from site (in miles) based on plotted location as provided by NJDEP Bureau of Water Allocation records.

(4) Soil Boring Permits may be blanket permits for conducting multiple deep soil borings.

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Phillipsburg, New Jersey

Permit #	Owner	Address	Well ID	Well Use (1)	NJSP X (NAD83)	NJSP Y (NAD83)	Finish Depth (2)	Distance From Site (3)
24-36865	Ingersoll-Rand Corp.	Roseberry St.	---	M	304282	676618	---	0.25
24-36866	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304282	676618	---	0.25
24-36868	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304282	676618	---	0.25
24-36869	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304282	676618	---	0.25
24-36870	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304282	676618	---	0.25
24-36871	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304282	676618	---	0.25
24-36984	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304282	676618	---	0.25
24-36985	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304282	676618	---	0.25
24-36986	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304282	676618	---	0.25
24-36987	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304282	676618	---	0.25
24-36988	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304282	676618	---	0.25
24-36989	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304282	676618	---	0.25
24-36990	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304282	676618	---	0.25
24-37362	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	304282	676618	---	0.25
24-37450	Ingersoll Rand	942 Memorial Parkway	---	M	300925	680692	125	1
24-38012	Ingersoll Rand	942 Memorial Parkway	---	M	300925	680692	---	1
24-38015	Ingersoll Rand	942 Memorial Parkway	---	M	300925	680692	150	1
24-38013	Ingersoll Rand	942 Memorial Parkway	---	M	300925	680692	---	1
24-38016	Ingersoll Rand	942 Memorial Parkway	---	M	300925	680692	140	1
24-38014	Ingersoll Rand	942 Memorial Parkway	---	M	300925	680692	---	1
24-38751	Ingersoll Rand	942 Memorial Parkway	---	M	300925	680692	105	1
24-38011	Ingersoll Rand	942 Memorial Parkway	---	M	300925	680692	75	1
24-27026	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	307384	679225	197	Site
24-28746	Ingersoll-Rand Corp.	942 Memorial Parkway	---	M	307384	679225	150	Site
24-39626	Phillipsburg Townsh	942 Memorial Parkway	SVE-1	M	300925	680692	25.5	1

Notes:

(1) Well use codes:

B = Deep Soil Boring	I = Industrial Well	V = Gas Vent
D = Domestic Well	M = Monitoring Well	X = Agricultural Well
E = Recovery Well	N = Public Supply Well	Z = Piezometer
G = Irrigation Well	U = Non Public Well	1 = Domestic Well

(2) Depths are reported in feet below ground surface.

(3) Distance from site (in miles) based on plotted location as provided by NJDEP Bureau of Water Allocation records.

(4) Soil Boring Permits may be blanket permits for conducting multiple deep soil borings.

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Phillipsburg, New Jersey

Permit #	Owner	Address	Well ID	Well Use (1)	NJSP X (NAD83)	NJSP Y (NAD83)	Finish Depth (2)	Distance From Site (3)
24-39627	Phillipsburg Townsh	942 Memorial Parkway	SVE-2	V	300925	680692	25	1
24-39628	Phillipsburg Townsh	942 Memorial Parkway	SVE-3	V	300925	680692	---	1
24-39629	Ingersoll Rand	942 Memorial Parkway	SVE-4	V	300925	680692	---	1
24-39630	Ingersoll Rand	942 Memorial Parkway	SVE-5	V	300925	680692	---	1
TOTAL ON SITE WELL RECORDS:								
			Soil Boring Permits[4] = 13					
			Recovery Wells = 12					
			Industrial Wells = 1					
			Monitoring Wells = 53					
			Gas Vents = 4					
OFF-SITE WELL RECORDS PLOTTED WITHIN SITE BOUNDARIES:								
24-36704	Larken Associates	RT 57 & Stryker Road	B-17	B	308452	677902	52	?
24-00201	Frey Raymond J	---	---	D	309443	676579	---	?
24-22641	Merlo William	---	---	D	307364	676594	---	?
TOTAL OFF-SITE WELL RECORDS PLOTTED WITHIN SITE BOUNDARIES:								
			Soil Boring Permits[4] = 1					
			Domestic Wells = 2					
WELL RECORDS IDENTIFIED WITHIN 0.25 MILES OF THE SITE								
24-16215	Daubert Richard	---	---	1	306393	680650	---	0.25
24-30806	Dowel Assoc.	135 Bloomfield Avenue	B2	B	308473	680634	41	0.25
24-30807	Dowel Assoc.	135 Bloomfield Avenue	B5	B	308473	680634	35	0.25
24-30808	Dowel Assoc.	135 Bloomfield Avenue	B6	B	308473	680634	52	0.25
24-30813	Dowel Assoc.	135 Bloomfield Avenue	B4	B	308473	680634	42	0.25
24-30814	Dowel Assoc.	135 Bloomfield Avenue	B1	B	308473	680634	52	0.25
24-340 41	Bell Atlantic	641 Memorial Parkway	B9	B	306393	680650	42	0.25
24-37413	Kamach Stella & Wol	Strykers Road	---	B	309243	680628	---	0.25
24-40443	K&S Enterprises	Strykers Road	B-1A	B	309243	680628	---	0.25

Notes:

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G = Irrigation Well	U = Non Public Well	1 = Domestic Well

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Ingersoll Rand
Phillipsburg, New Jersey

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24-04077	Schmauser Frank J.	---	---	D	306393	680650	---	0.25
24-04931	Masciotti Emilio	---	---	D	307343	673862	---	0.25
24-08001	Daniele Graciela	---	---	D	310532	677886	---	0.25
24-10023	Greenwich Estates	---	---	D	307394	680642	---	0.25
24-15550	GEM Enterprises Inc.	---	---	D	310532	677886	---	0.25
24-16181	Conti Albert	---	---	D	304293	677933	---	0.25
24-25553	Sisco David	South Main Street	---	D	308421	673854	120	0.25
24-35317	Bundy Emily	230 Lock St	---	D	308421	673854	205	0.25
24-19998	Bell & Howell Co.	---	---	M	309997	678497	---	0.25
24-19999	Bell & Howell Co.	---	---	M	309997	678497	---	0.25
24-20000	Bell & Howell Co.	---	---	M	309997	678497	---	0.25
24-20001	Bell & Howell Co.	---	---	M	309997	678497	---	0.25
24-20002	Bell & Howell Co.	---	---	M	309997	678497	---	0.25
24-27739	Amerada Hess	410 Memorial Parkway	MW1	M	306393	680650	70	0.25
24-27740	Amerada Hess	410 Memorial Parkway	---	M	306393	680650	42	0.25
24-27741	Amerada Hess	410 Memorial Parkway	MW3	M	306393	680650	70	0.25
24-27952	New Jersey Bell Tele	641 Memorial Parkway	MW5	M	305392	680657	85	0.25
24-27953	New Jersey Bell Tele	641 Memorial Parkway	MW7	M	305392	680657	108	0.25
24-27954	New Jersey Bell Tele	641 Memorial Parkway	MW6	M	305392	680657	105	0.25
24-28285	Amerada Hess	410 Memorial Parkway	MW1	M	306393	680650	143	0.25
24-28286	Amerada Hess	410 Memorial Parkway	MW2	M	306393	680650	137	0.25
24-28287	Amerada Hess	410 Memorial Parkway	MW3	M	306393	680650	138	0.25
24-28978	Dota Bros. Service	791 Wilbur Avenue	---	M	305350	675193	35	0.25
24-29402	New Jersey Bell Tele	641 Memorial Parkway	MW8	M	306393	680650	83	0.25
24-32949	Amerada Hess	410 Memorial Parkway	MW4	M	306393	680650	148	0.25
24-32950	Amerada Hess	410 Memorial Parkway	MW5	M	306393	680650	134	0.25
24-33783	Amerada Hess	410 Memorial Parkway	MW6	M	306393	680650	150	0.25

TOTAL WELL RECORDS WITHIN 0.25 MILES OF SITE:

Soil Boring Permits[4] = 8
Domestic Wells = 9
Monitoring Wells = 19

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WELL RECORDS IDENTIFIED BETWEEN 0.25 AND 0.5 MILES FROM THE SITE								
24-30797	Mobil Oil Co. Inc.	RT 22 & Roseberry	SB5	B	304314	680665	32	0.5
24-30798	Mobil Oil Co. Inc.	Route 22	SB6	B	304314	680665	32	0.5
24-30799	Mobil Oil Co. Inc.	RT 22 & Roseberry	SB7	B	304314	680665	32	0.5
24-30800	Mobil Oil Co. Inc.	RT 22 & Roseberry	SB8	B	304314	680665	32	0.5
24-32522	First Fidelity Bank	S. Main & Sawmill Road	B5	B	304261	673886	40	0.5
24-32523	First Fidelity Bank	S. Main & Sawmill Road	B10	B	304261	673886	45	0.5
24-33961	National Realty & De	RT 22 & St James	37281	B	311513	675146	48	0.5
24-00094	Sanco Piece Dye Work	---	---	D	303270	675209	---	0.5
24-00281	Sanco Piece Dye Work	---	---	D	303270	675209	---	0.5
24-00710	Sutton Russell	---	---	D	309423	673846	---	0.5
24-00794	Miller William F.	---	---	D	305402	681973	---	0.5
24-01158	Baker Harlew G.	---	---	D	307404	681957	---	0.5
24-01926	Miller William F.	---	---	D	305402	681973	---	0.5
24-03104	Rickline Ronald	---	---	D	305402	681973	---	0.5
24-03836	Marinelli Enzo D.	---	---	D	309484	681942	---	0.5
24-04230	Paolina Carl	---	---	D	304324	681981	---	0.5
24-04336	Sabo Gabor	---	---	D	303312	680673	---	0.5
24-04562	Nicnice Anthony	---	---	D	311523	676563	---	0.5
24-04691	Nesbitt Leroy	---	---	D	305402	681973	---	0.5
24-06014	Wickes Lumber Co.	---	---	D	310552	680618	---	0.5
24-06534	Hann Chester R.	---	---	D	310511	675154	---	0.5
24-15131	Mt. Top Construction	---	---	D	311523	676563	---	0.5
24-15452	Rush Semple Mr.	---	---	D	310502	673838	---	0.5
24-20010	Piazza Frank & Sam	---	---	D	310017	681229	---	0.5
24-22228	Hartzog Kevin C.	---	---	D	309957	673134	---	0.5
24-22800	Snyder Annmarie & K	---	---	D	310511	675154	---	0.5
24-29214	Piazza Frank & Sam	RT 57	---	D	309484	681942	155	0.5

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24-05029	Ready Company	---	---	I	304314	680665	---	0.5
24-05803	McGinley Mills Inc.	---	---	I	303301	679256	---	0.5
24-21221	Shell Oil Co.	---	---	M	303845	679859	---	0.5
24-21222	Shell Oil Co.	---	---	M	303845	679859	---	0.5
24-21223	Shell Oil Co.	---	---	M	303845	679859	---	0.5
24-21767	Bell & Howell Co.	---	---	M	311075	678489	---	0.5
24-25202	New Jersey Bell Tele	660 Park Avenue	MW1A	M	303291	677941	102	0.5
24-25203	New Jersey Bell Tele	660 Park Avenue	MW4	M	303291	677941	116	0.5
24-25204	New Jersey Bell Tele	660 Park Avenue	MW3	M	303291	677941	116	0.5
24-25963	J.T. Baker Inc.	---	GSW2D	M	304272	675201	210	0.5
24-26657	Journal of Commerce	445 Marshall Street	MW1	M	303291	677941	127	0.5
24-26658	Journal of Commerce	445 Marshall Street	MW2	M	303291	677941	127	0.5
24-26659	Journal of Commerce	445 Marshall Street	MW3	M	303291	677941	127	0.5
24-27093	Amerada Hess	743 S. Main Street	MW1	M	304272	675201	15	0.5
24-27657	Amerada Hess	743 S. Main Street	MW1	M	304272	675201	49	0.5
24-27658	Amerada Hess	743 S. Main Street	MW2	M	304272	675201	63	0.5
24-27659	Amerada Hess	743 S. Main Street	MW3	M	304272	675201	51	0.5
24-27660	Amerada Hess	743 S. Main Street	MW4	M	304272	675201	60	0.5
24-28903	Exxon Company USA	RT 22 E. & Lincoln Street	---	M	303301	679256	135	0.5
24-29118	Tersigni Oldsmobile	333 Morris Street	---	M	303312	680673	30	0.5
24-29350	NJ Dept. of Military	15 Heckman & Bates Street	MW2	M	303301	679256	20	0.5
24-29351	NJ Dept. of Military	15 Heckman & Bates Street	MW1	M	303301	679256	20	0.5
24-29352	NJ Dept. of Military	15 Heckman & Bates Street	MW3	M	303301	679256	20	0.5
24-29359	Flock Industries	259 Center Street	MW1	M	303281	676625	100	0.5
24-29476	NJ Dept. of Military	Heckman & Bates Street	MW1	M	303301	679256	98	0.5
24-29478	NJ Dept. of Military	Heckman & Bates Street	MW3	M	303301	679256	147	0.5
24-29493	Amerada Hess	743 S. Main Street	MW4	M	304272	675201	60	0.5
24-29494	Amerada Hess	743 S. Main Street	MW6	M	304272	675201	51	0.5

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24-35816	Stowaway Self Storag	1 RT 22 W	---	U	311533	677879	125	0.5
24-35262	N.J.D.O.T.	RT 22 TWSP. OF POHATCOI	RB-4-5	Z	311513	675146	15	0.5
TOTAL WELL RECORDS IDENTIFIED BETWEEN 0.25 AND 0.5 MILES FROM THE SITE:								
			Soil Boring Permits[4] = 7					
			Domestic Wells = 20					
			Industrial Wells = 2					
			Monitoring Wells = 26					
			Non-Public Wells = 1					
			Piezometers = 1					
WELL RECORDS IDENTIFIED BETWEEN 0.5 AND 0.75 MILES FROM THE SITE								
24-25686	Irco Comm. Fed. Cred	Hillcrest Blvd & Warren	VARIOUS	B	301299	679272	24	0.75
24-34692	Phillipsburg Townsh	324 Firth Street	---	B	301299	679272	---	0.75
24-35423	Tamburro Realty Co.	1315 RT 22 W	B-1	B	308411	672437	48	0.75
24-35566	F.G. Weisbrod c/o FO	500 Marshall St	B-1	B	301278	676641	80	0.75
24-37617	Sandhu Paul	Route 22	B-1-B	B	311962	673322	---	0.75
24-39172	Stowaway Self Storag	---	B-1	B	311962	673322	---	0.75
24-00230	Insertng Mailng Mach	---	---	D	312514	675139	---	0.75
24-00357	Geist Alvin R.	---	---	D	312525	676556	---	0.75
24-00556	Marshall Kenneth L.	---	---	D	312544	679187	---	0.75
24-02097	Williams O Mr.	---	---	D	304250	672469	---	0.75
24-03871	MacChib Agostins	---	---	D	310562	681934	---	0.75
24-03884	Vasquez Frank	---	---	D	307414	683273	---	0.75
24-03991	Av Frank	---	---	D	305412	683288	---	0.75
24-07893	Hennes Gerhard G. M	---	---	D	301278	676641	---	0.75
24-08279	Hilltop Homes Inc.	---	---	D	312514	675139	---	0.75
24-08280	Hilltop Homes Inc.	---	---	D	312514	675139	---	0.75
24-08281	Hilltop Homes Inc.	---	---	D	312514	675139	---	0.75
24-08282	Hilltop Homes Inc.	---	---	D	312514	675139	---	0.75

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24-08283	Hilltop Homes Inc.	---	---	D	312514	675139	---	0.75
24-08284	Hilltop Homes Inc.	---	---	D	312514	675139	---	0.75
24-08285	Hilltop Homes Inc.	---	---	D	312514	675139	---	0.75
24-08768	JM Nicholas Corp.	---	---	D	309493	683257	---	0.75
24-11509	Goldstein William	---	---	D	301278	676641	---	0.75
24-11510	Thrun Arthur	---	---	D	301278	676641	---	0.75
24-11881	Preston Trucking Co.	---	---	D	312514	675139	---	0.75
24-12119	Wason Paul	---	---	D	302290	677949	---	0.75
24-15616	Superior Quartz Prod	---	---	D	312525	676556	---	0.75
24-17854	Stryker Charles M.	---	---	D	310027	682545	---	0.75
24-25137	Housel James	Spring Street	---	D	308411	672437	200	0.75
24-29202	Rosado Leo	Stewartsville Road	---	D	312534	677871	115	0.75
24-31786	Unique Polysteel	Firth St	---	D	302280	676633	200	0.75
24-19839	Carpenter Technology	---	---	E	311036	673126	---	0.75
24-25063	New Jersey Bell Tele	660 Park Avenue	MW1	M	302290	677949	46	0.75
24-25064	New Jersey Bell Tele	660 Park Avenue	MW2	M	302290	677949	82	0.75
24-25729	Mobil Oil Corp.	RT 22 & James Road	MW3	M	309412	672430	20	0.75
24-25730	Mobil Oil Corp.	RT 22 & James Road	MW9	M	309412	672430	20	0.75
24-25964	J.T. Baker Inc.	---	MW1	M	301278	676641	180	0.75
24-26411	Mobil Oil Corp.	South Wood Avenue	MW1	M	309412	672430	25	0.75
24-26412	Mobil Oil Corp.	South Wood Avenue	MW2	M	309412	672430	25	0.75
24-26413	Mobil Oil Corp.	South Wood Avenue	MW3	M	309412	672430	25	0.75
24-26446	Mobil Oil Corp.	South Wood Avenue	MW4	M	309412	672430	25	0.75
24-27976	Michael's Carpets	RT 22 Memorial Parkway	MW1	M	301289	677957	75	0.75
24-28331	Letzler Esther & Al	Stockton Street	MRW1	M	305329	672461	40	0.75
24-30140	Lopatcong Care Cente	Red School Lane	MW15	M	305412	683288	25	0.75

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24-30141	Lopatcong Care Cente	Red School Lane	MW16	M	305412	683288	25.6	0.75
24-30142	Lopatcong Care Cente	Red School Lane	MW17	M	305412	683288	25.6	0.75
24-33103	Exxon Company USA	500 RT 22 E	BW2	M	302300	679264	38	0.75
24-33104	Exxon Company USA	500 RT 22 E	BW3	M	302300	679264	41	0.75
24-33167	Exxon Company USA	500 RT 22 E	BW4	M	301299	679272	43	0.75
24-34030	Phillipsburg Townsh	324 Firth Street	MW1	M	301299	679272	---	0.75
24-34542	Exxon Company USA	500 RT 22 & Lincoln St	BW7	M	302300	679264	120	0.75
24-34543	Exxon Company USA	500 RT 22 & Lincoln St	BW8	M	302300	679264	45	0.75
24-34544	Exxon Company USA	500 RT 22 & Lincoln St	BW6	M	302300	679264	134	0.75
24-36754	Sandhu Paul Valley	400 Memorial Parkway	B-17	M	301289	677957	78	0.75
24-36746	Sandhu Paul Valley	400 Memorial Parkway	MW-1	M	301289	677957	77	0.75
24-31026	Automotive Financial	Route 519	---	N	313526	676548	185	0.75
24-38786	N&P Business Inc.	1185 Route 22 West	none	U	311962	673322	175	0.75
24-06136	Vanderbilt Bros.	---	---	X	309412	672430	---	0.75

TOTAL WELL RECORDS IDENTIFIED BETWEEN 0.5 AND 0.75 MILES FROM THE SITE:

Soil Boring Permits[4] = 6
Domestic Wells = 25
Recovery Wells = 1
Monitoring Wells = 23
Public Wells = 1
Non-Public Wells = 1
Agricultural Wells = 1

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WELL RECORDS IDENTIFIED BETWEEN 0.75 AND 1.0 MILE FROM THE SITE:								
24-26588	J.T. Baker Inc.	600 N. Broad Street	SVSS1	B	302332	683312	---	1
24-26589	J.T. Baker Inc.	600 N. Broad Street	SVSS2	B	302332	683312	---	1
24-33052	Solco N.V.	RT 22 & RT 63	B-1	B	313506	673816	30	1
24-34306	Toll Brothers	RT 638	SB4	B	313506	673816	34	1
24-37247	Stryker Golf	Strykers Road	---	B	310572	683249	---	1
24-40047	Warren Lumber and Mi	15 Sawmill Street	B-1	B	309270	684271	---	1
24-03838	Mayuoli Francis	---	---	D	310572	683249	---	1
24-04962	Piazza Fred J.	---	---	D	312564	681919	---	1
24-06456	Stanganelli Aldo	---	---	D	310572	683249	---	1
24-07481	Jessamine Stanley	---	---	D	304344	684612	---	1
24-07620	Amore Kenneth C.	---	---	D	305319	671145	---	1
24-09471	Palmer Estates Homes	---	---	D	304344	684612	---	1
24-11892	Tettamanti Charles	---	---	D	310572	683249	---	1
24-15149	Miles Luther L.	---	---	D	306423	684596	---	1
24-16661	Stanganelli Armond	---	---	D	312107	682529	---	1
24-20053	Sun Quest Builders	---	---	D	300776	681300	---	1
24-20054	Sun Quest Builders	---	---	D	300776	681300	---	1
24-20393	Traina Gerard	---	---	D	314147	677151	---	1
24-20840	Brown Fred A. Jr.	---	---	D	299753	678576	---	1
24-21038	Cara More Constructi	---	---	D	314156	678466	---	1
24-29306	Wright William	PO BOX 133	---	D	302332	683312	225	1
24-37232	Burt Michael H.	2 Vista Court	---	D	310572	683249	---	1
24-15159	St. Philip & St. Jam	---	---	G	313516	675132	---	1
24-06206	Pohatcong Associates	---	---	I	312494	672407	---	1

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TABLE 2
SUMMARY OF WELL SEARCH RESULTS
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Permit #	Owner	Address	Well ID	Well Use (1)	NJSP X (NAD83)	NJSP Y (NAD83)	Finish Depth (2)	Distance From Site (3)
24-20551	Baker J.T. Chemical	---	---	M	301864	682607	---	1
24-20847	Baker J.T. Chemical	---	---	M	300776	681300	---	1
24-24619	Mobil Oil Corp.	---	---	M	312505	673824	---	1
24-24620	Mobil Oil Corp.	---	---	M	312505	673824	---	1
24-24621	Mobil Oil Corp.	---	---	M	312505	673824	---	1
24-25924	Garden State Water	---	GSW25	M	300200	676650	55	1
24-33183	Exxon Company USA	500 RT 22 E	BW5	M	301310	680689	44	1
24-34497	Shotmeyer Brothers P	1110 Belvidere Rd.	MW-1	M	302332	683312	14	1
24-29981	T&P Associates	Strykers Road	---	N	301310	680689	145	1
24-39226	Stryker Golf	942 Memorial Parkway	---	U	300925	680692	---	1
24-20250	Phillipsburg Town o	---	---	Z	300754	678568	---	1
TOTAL WELL RECORDS IDENTIFIED BETWEEN 0.75 AND 1.0 MILE FROM THE SITE:								
			Soil Boring Permits[4] = 6					
			Domestic Wells = 16					
			Irrigation Wells = 1					
			Industrial Wells = 1					
			Monitoring Wells = 8					
			Public Wells = 1					
			Non-Public Wells = 1					
			Piezometers = 1					
WELL RECORDS IDENTIFIED FURTHER THAN 1.0 MILE FROM THE SITE:								
24-39526	Robertson Dowilas Gr	High Street and Carpenter	B-9	B	306387	669720	---	
24-40344	Atlantic States Cast	183 Sitgreaves St.	---	B	300868	673406	---	
24-39564	Lopatcong Board of E	Buckley Hill Drive and St	B-1	B	306526	687935	50	

Notes:

(1) Well use codes:

B = Deep Soil Boring	I = Industrial Well	V = Gas Vent
D = Domestic Well	M = Monitoring Well	X = Agricultural Well
E = Recovery Well	N = Public Supply Well	Z = Piezometer
G = Irrigation Well	U = Non Public Well	1 = Domestic Well

(2) Depths are reported in feet below ground surface.

(3) Distance from site (in miles) based on plotted location as provided by NJDEP Bureau of Water Allocation records.

(4) Soil Boring Permits may be blanket permits for conducting multiple deep soil borings.

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Ingersoll Rand
Phillipsburg, New Jersey

Permit #	Owner	Address	Well ID	Well Use (1)	NJSP X (NAD83)	NJSP Y (NAD83)	Finish Depth (2)	Distance From Site (3)
24-04490	Bickell Joseph	---	---	D	305309	669830	---	
24-10758	Merlo George	---	---	D	309393	669799	---	
24-16429	Lee James S. Jr.	---	---	D	300712	673205	---	
24-18458	Campbell Bruce	---	---	D	301780	671780	---	
24-23507	Veliz Pedro	---	---	D	300178	673917	---	
24-36170	McVey James & Lauri	530 Carpentersville Road	---	D	304230	669838	205	
24-40999	Buss John	462 Route 519	---	D	356845	764109	137	
24-24116	McGinley Mills Inc.	Heckman & Bates Street	---	I	299219	679288	250	
44-38391	Atlantic States Cast	183 Sitgreaves St.	1	I	300868	673406	---	
24-17675	Exxon Company USA	---	---	M	299711	673213	---	
24-29403	New Jersey Bell Tele	641 Memorial Parkway	MW9	M	351602	680347	125	
24-30256	General Supply Compa	73 Mercer Street	MW1	M	300189	675233	47	
24-33667	Fasco Finishing Co.	191 Howard Street	MW1	M	300189	675233	71	
24-33668	Fasco Finishing Co.	191 Howard Street	MW2	M	300189	675233	70	
24-33669	Fasco Finishing Co.	191 Howard Street	MW3	M	300189	675233	77	
24-33670	Fasco Finishing Co.	191 Howard Street	MW4	M	300189	675233	75	
24-33671	Fasco Finishing Co.	191 Howard Street	MW5	M	300189	675233	70	
24-39610	SMP Trucking	200 Fayette Street	MW-1	M	298123	677071	30	
24-39611	SMP Trucking	200 Fayette Street	MW-2	M	298123	677071	51	
24-39612	SMP Trucking	200 Fayette Street	MW-3	M	298123	677071	41	

Notes:

(1) Well use codes:

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G = Irrigation Well	U = Non Public Well	1 = Domestic Well

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Phillipsburg, New Jersey

Permit #	Owner	Address	Well ID	Well Use (1)	NJSP X (NAD83)	NJSP Y (NAD83)	Finish Depth (2)	Distance From Site (3)
24-38059	Phillipsburg Townsh	191 Howard Street	MW-6	M	300868	673406	78	
24-308060	Phillipsburg Townsh	191 Howard Street	MW-7	M	300868	673406	77	
24-38061	Phillipsburg Townsh	191 Howard Street	MW-8	M	300868	673406	77	
24-38062	Phillipsburg Townsh	191 Howard Street	MW-10	M	300868	673406	110	
24-38063	Phillipsburg Townsh	191 Howard Street	MW-6D	M	300868	673406	110	
24-38064	Phillipsburg Townsh	191 Howard Street	MW-7D	M	300868	673406	110	
24-38065	Phillipsburg Townsh	191 Howard Street	MW-8D	M	300868	673406	110	
24-39176	Belvidere Road Lopat	1110 Belvidere Rd.	MW4	M	314921	698802	45	
24-39177	Belvidere Road Lopat	1110 Belvidere Rd.	MW5	M	314921	698802	30	
24-39178	Belvidere Road Lopat	1110 Belvidere Rd.	MW6	M	314921	698802	25	
24-39179	Belvidere Road Lopat	1110 Belvidere Rd.	MW7	M	314921	698802	45	

TOTAL WELL RECORDS IDENTIFIED FURTHER THAN 1.0 MILE FROM THE SITE:

Soil Boring Permits[4] = 4
Domestic = 9
Industrial Wells = 2
Monitoring Wells = 22

Notes:

(1) Well use codes:

B = Deep Soil Boring	I = Industrial Well	V = Gas Vent
D = Domestic Well	M = Monitoring Well	X = Agricultural Well
E = Recovery Well	N = Public Supply Well	Z = Piezometer
G = Irrigation Well	U = Non Public Well	1 = Domestic Well

(2) Depths are reported in feet below ground surface.
(3) Distance from site (in miles) based on plotted location as provided by NJDEP Bureau of Water Allocation records.
(4) Soil Boring Permits may be blanket permits for conducting multiple deep soil borings.

TABLE 3
SAMPLE SUMMARY
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Sample ID	Date	Time	Duplicate	Sample Depth (1)	Lab Job No	Analysis	Non Conformance
Conventional Groundwater Samples							
MW01	4/30/02	10:00	N	117	V912	VO+10, TPHC, Aresenic, Chromium, and Lead	---
MW2A	5/2/02	10:20	N	109.1	W003	VO+10, TPHC, Aresenic, Chromium, and Lead	TCE recovery outside of QC limits in the MS
MW03	5/6/02	10:00	N	95.2	W088	VO+10, TPHC, Aresenic, Chromium, and Lead	---
MW04	5/6/02	12:10	N	92	W088	VO+10, TPHC, Aresenic, Chromium, and Lead	---
MW06	5/7/02	13:25	N	109.1	W204	VO+10, TPHC, Aresenic, Chromium, and Lead	---
MW13	5/9/02	12:45	N	112.5	W294	VO+10, TPHC, BN+15, Aresenic, Chromium, and Lead	---
MW15	5/10/02	11:15	N	116.4	W294	VO+10, TPHC, BN+15	---
MW16	5/3/02	14:45	N	103.7	W060	VO+10, TPHC	---
MW17	5/6/02	11:20	N	77.3	W088	VO+10, TPHC	---
MW18	5/6/02	15:30	N	100.5	W088	VO+10, TPHC, BN+15	---
MW19	5/7/02	11:30	N	108.6	W203	VO+10, TPHC, BN+15	---
MW20	5/6/02	14:00	N	108.6	W088	VO+10, TPHC, BN+15	---
MW21	5/8/02	10:30	N	107.2	W203	VO+10, TPHC, BN+15	---
MW24	5/7/02	15:55	N	117.5	W204	VO+10, TPHC	---
MW27	5/9/02	14:40	N	103.4	W294	VO+10, TPHC, BN+15	---
MW29	5/8/02	15:20	N	91.8	W203	VO+10, TPHC, BN+15	---
MW30	5/10/02	8:50	N	62.6	W294	VO+10, TPHC, Aresenic, Chromium, and Lead	---
MW31	5/9/02	11:00	N	114.7	W294	VO+10, TPHC, BN+15, Aresenic, Chromium, and Lead	---
MW31P	5/9/02	11:05	Y	114.7	W294	VO+10, TPHC, BN+15, Aresenic, Chromium, and Lead	---
MW32	5/8/02	10:30	N	117.5	W204	VO+10, TPHC	---
MW32P	5/8/02	15:20	Y	117.5	W204	VO+10, TPHC	---
MW33A	5/1/02	10:30	N	106	W003	VO+10, TPHC, Aresenic, Chromium, and Lead	TCE recovery outside of QC limits in the MS
MW34	5/1/02	14:30	N	107.1	W003	VO+10, TPHC, Aresenic, Chromium, and Lead	TCE recovery outside of QC limits in the MS
MW35	5/2/02	12:40	N	107.7	W003	VO+10, TPHC, Aresenic, Chromium, and Lead	TCE recovery outside of QC limits in the MS
MW36	5/6/02	15:15	N	106.5	W088	VO+10, TPHC, Aresenic, Chromium, and Lead	---
MW37	4/30/02	11:20	N	59	V912	VO+10, TPHC, Aresenic, Chromium, and Lead	---
MW38	4/30/02	14:45	N	84	V912	VO+10, TPHC, Aresenic, Chromium, and Lead	---
MW39	5/8/02	15:20	N	102.5	W204	VO+10, TPHC, Aresenic, Chromium, and Lead	---
MW40	5/3/02	15:25	N	100.3	W059	VO+10, TPHC	---
MW41	5/10/02	10:20	N	97.7	W294	VO+10, TPHC	---
MW42	5/3/02	9:55	N	97	W059	VO+10, TPHC	---
MW43A	5/3/02	13:25	N	92.6	W059	VO+10, TPHC	---
MW44	5/2/02	14:30	N	93.7	W003	VO+10, TPHC	TCE recovery outside of QC limits in the MS
MW45	5/3/02	10:55	N	57.8	W059	VO+10, TPHC	---
RW10	5/9/02	13:00	N	112.2	W294	VO+10, TPHC	---
RW11	5/8/02	14:10	N	90.6	W203	VO+10, TPHC, BN+15, Aresenic, Chromium, and Lead	---
RW13	5/3/02	15:18	N	115.8	W060	VO+10, TPHC	---
RW14	5/10/02	9:30	N	115.3	W294	VO+10, TPHC	---
TH36	5/9/02	13:55	N	105	W294	VO+10, TPHC, BN+15, Aresenic, Chromium, and Lead	---

Notes:
(1) - Sample Depths are reported in feet below top of well casing. For conventional samples, depth refers to the static water level guaged prior to purging. For Passive Diffusio Bag samples, the sample depth reported is the PDB deployment depth.
VO+10 = Volitile Organic Compounds with a 10 forward library search via EPA Method 624
BN +15 = Base Neutral Organic compounds with a 15 forward library search via EPA Method 625
TPHC = Total Petroleum Hydrocarbons via EPA Method 418.1
TCE = Trichloroethylene
QL = Quality Control Limits
MS = Matrix Spike
Arsenic, chromium, and lead were analyzed via EPA Methods 6010B and 200.7.

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SAMPLE SUMMARY
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Ingersoll Rand
Phillipsburg, New Jersey

Sample ID	Date	Time	Duplicate	Sample Depth (1)	Lab Job No	Analysis	Non Conformance
Passive Defusion Bag Samples							
MW01A	4/29/02	12:25	N	118	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
MW03A	4/29/02	10:35	N	105	V864	VO+10	---
MW04A	4/29/02	11:00	N	107	V864	VO+10	---
MW04B	4/29/02	11:05	N	120	V864	VO+10	---
MW05A	4/29/02	9:45	N	96	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
MW05B	4/29/02	9:50	N	111	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
MW06A	4/29/02	11:45	N	110	V864	VO+10	---
MW06B	4/29/02	11:50	N	140	V864	VO+10	---
MW06C	4/29/02	11:55	N	185	V864	VO+10	---
MW13A	4/29/02	13:45	N	157	V864	VO+10	---
MW13AP	4/29/02	13:50	Y	157	V864	VO+10	---
MW17A	4/29/02	14:15	N	86	V864	VO+10	---
MW17B	4/29/02	14:20	N	113	V864	VO+10	---
MW17C	4/29/02	14:25	N	135	V864	VO+10	---
MW20A	4/29/02	14:00	N	102	V864	VO+10	---
MW26A	4/29/02	9:20	N	90	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
MW26B	4/29/02	9:25	N	106	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
MW26C	4/29/02	9:30	N	120	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
MW26D	4/29/02	9:35	N	130	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
MW26E	4/29/02	9:40	N	138	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
MW28AA	4/29/02	10:00	N	93	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
MW28AB	4/29/02	10:05	N	109	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
MW32A	4/29/02	14:45	N	188.5	V864	VO+10	---
MW32B	4/29/02	14:50	N	127	V864	VO+10	---
MW33AA	4/29/02	13:40	N	120	V864	VO+10	---
MW33AP	4/29/02	13:45	Y	120	V864	VO+10	---
MW34A	4/29/02	12:05	N	106	V864	VO+10	---
MW34B	4/29/02	12:10	N	113	V864	VO+10	---
MW35A	4/29/02	12:25	N	122	V864	VO+10	---
MW35B	4/29/02	12:30	N	128	V864	VO+10	---
MW38A	4/29/02	11:15	N	87	V864	VO+10	---
MW38B	4/29/02	11:20	N	102	V864	VO+10	---
MW38C	4/29/02	11:30	N	115	V864	VO+10	---
RW09A	4/29/02	12:00	N	18	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
RW09B	4/29/02	12:05	N	147	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
RW09C	4/29/02	12:10	N	160	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
RW09D	4/29/02	12:15	N	188	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
RW15A	4/29/02	10:30	N	113	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
RW15B	4/29/02	10:35	N	128	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
RW15C	4/29/02	10:40	N	142	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
RW15D	4/29/02	10:45	N	156	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
RW16A	4/29/02	11:35	N	121	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
RW16B	4/29/02	11:40	N	141.5	V864	VO+10	Chloroethane recovered outside of QC limits in the MS

Notes:
(1) - Sample Depths are reported in feet below top of well casing. For conventional samples, depth refers to the static water level guaged prior to purging. For Passive Diffusio Bag samples, the sample depth reported is the PDB deployment depth.
VO+10 = Volitile Organic Compounds with a 10 forward library search via EPA Method 624
BN +15 = Base Neutral Organic compounds with a 15 forward library search via EPA Method 625
TPHC = Total Petroleum Hydrocarbons via EPA Method 418.1
TCE = Trichloroethylene
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MS = Matrix Spike
Arsenic, chromium, and lead were analyzed via EPA Methods 6010B and 200.7.

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Phillipsburg, New Jersey

Sample ID	Date	Time	Duplicate	Sample Depth (1)	Lab Job No	Analysis	Non Conformance
Quality Assurance/Quality Control Samples							
A042902	4/29/02	14:55	N	NA	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
A043002	4/30/02	14:00	N	NA	V912	VO+10, TPHC, Aresenic, Chromium, and Lead	---
A050602	5/6/02	15:10	N	NA	W088	VO+10, TPHC, BN+15	---
A050702	5/7/02	15:35	N	NA	W203	VO+10, TPHC, BN+15	---
A050802	5/8/02	13:40	N	NA	W203	VO+10, TPHC, BN+15, Aresenic, Chromium, and Lea	---
A050902	5/9/02	15:20	N	NA	W294	VO+10, TPHC, BN+15, Aresenic, Chromium, and Lea	---
A051002	5/10/02	9:00	N	NA	W294	VO+10, TPHC, Aresenic, Chromium, and Lead	---
AO50302	5/3/02	14:30	N	NA	W060	VO+10, TPHC	---
B043002	4/30/02	15:15	N	NA	V912	VO+10, Aresenic, Chromium, and Lead	---
B050102	5/1/02	15:05	N	NA	W003	VO+10, TPHC, Aresenic, Chromium, and Lead	TCE recovery outside of QC limits in the MS
B050202	5/2/02	15:00	N	NA	W003	VO+10, TPHC, Aresenic, Chromium, and Lead	TCE recovery outside of QC limits in the MS
B050602	5/6/02	15:45	N	NA	W088	VO+10, TPHC, Aresenic, Chromium, and Lead	---
B050702	5/7/02	14:50	N	NA	W204	VO+10, TPHC, Aresenic, Chromium, and Lead	---
B050902	5/9/02	15:00	N	NA	W294	VO+10, TPHC, BN+15, Aresenic, Chromium, and Lea	---
B051002	5/10/02	12:15	N	NA	W294	VO+10, TPHC, Aresenic, Chromium, and Lead	---
T042902	4/26/02	0:00	N	NA	V864	VO+10	Chloroethane recovered outside of QC limits in the MS
T050302	5/2/02	0:00	N	NA	W060	VO+10	---
T050602	5/3/02	0:00	N	NA	W088	VO+10	---
T050802	5/7/02	0:00	N	NA	W203	VO+10	---
T051002	5/8/02	0:00	N	NA	W294	VO+10	---

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VO+10 = Volitile Organic Compounds with a 10 forward library search via EPA Method 624
BN +15 = Base Neutral Organic compounds with a 15 forward library search via EPA Method 625
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TCE = Trichloroethylene
QL = Quality Control Limits
MS = Matrix Spike
Arsenic, chromium, and lead were analyzed via EPA Methods 6010B and 200.7.

TABLE 4
SUMMARY OF QA/AC SAMPLE ANALYTICAL RESULTS: Volatile Organic Compounds
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Field ID			**A042902**	**A043002**	**B043002**	**B050102**	**B050202**
Sample Type			Field Blank	Field Blank	Field Blank	Field Blank	Field Blank
Lab ID			347451	347680	347683	348227	348231
Sample Date			4/29/02	4/30/02	4/30/02	5/1/02	5/2/02
Sample Time			14:55	14:00	15:15	15:05	15:00
Total Petroleum Hydrocarbons (TPHC) via EPA Method 418.1	**CAS_RN**	**NJDEP GWQS**					
TPHC (in mg/L)	---	none	(1) U	(1) U	(1) U	(1) U	(1) U
Volatile Organic Compounds (VOCs) via EPA Method 624	**CAS_RN**	**NJDEP GWQS**					
1,1,1-Trichloroethane	71-55-6	30	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1,2-Trichloroethane	79-00-5	3	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethane	75-34-3	50	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethene	75-35-4	2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,2-Dichloroethane	107-06-2	2	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
1,2-Dichloropropane	78-87-5	1	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
2-Chloroethyl Vinyl Ether	110-75-8	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Benzene	71-43-2	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromodichloromethane	75-27-4	1	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Bromoform	75-25-2	4	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromomethane	74-83-9	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Carbon tetrachloride	56-23-5	2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Chlorobenzene	108-90-7	50	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloroethane	75-00-3	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Chloroform	67-66-3	6	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloromethane	74-87-3	30	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
cis-1,2-Dichloroethene	156-59-2	70	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
cis-1,3-Dichloropropene	10061-01-5	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Dibromochloromethane	124-48-1	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Ethylbenzene	100-41-4	700	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Methylene Chloride	75-09-2	2	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
Tetrachloroethene	127-18-4	1	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Toluene	108-88-3	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Total Xylenes	1330-20-7	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Trans-1,2-Dichloroethene	156-60-5	100	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
trans-1,3-Dichloropropene	10061-02-6	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Trichloroethylene	79-01-6	1	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U
Trichlorofluoromethane	75-69-4	2000	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Vinyl Chloride	75-01-4	5	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
TOTAL VOCs	---	---	ND	ND	ND	ND	ND
VOC TICs	---	100/500	ND	ND	ND	ND	ND

NOTES:
Results are reported in micrograms per liter (µg/L) unless noted.
CAS_RN = Chemical Abstracts Service Registry Number
NJDEP GWQS = New Jersey Department of Environmental Protection Groundwater Quality Standards
TICs = Tentatively Identified Compounds
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parenthesis.
ND = Not Detected
Bold indicates that the concentration exceeds the NJDEP GWQS.

TABLE 4
SUMMARY OF QA/AC SAMPLE ANALYTICAL RESULTS: Volatile Organic Compounds
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Field ID			**AO50302**	**A050602**	**B050602**	**A050702**	**B050702**
Sample Type			Field Blank	Field Blank	Field Blank	Field Blank	Field Blank
Lab ID			348497	348660	348656	349135	349143
Sample Date			5/3/02	5/6/02	5/6/02	5/7/02	5/7/02
Sample Time			14:30	15:10	15:45	0:00	14:50
Total Petroleum Hydrocarbons (TPHC) via EPA Method 418.1	**CAS_RN**	**NJDEP GWQS**					
TPHC (in mg/L)	---	none	(1) U	(1) U	(1) U	(1) U	(1) U
Volatile Organic Compounds (VOCs) via EPA Method 624	**CAS_RN**	**NJDEP GWQS**					
1,1,1-Trichloroethane	71-55-6	30	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1,2-Trichloroethane	79-00-5	3	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethane	75-34-3	50	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethene	75-35-4	2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,2-Dichloroethane	107-06-2	2	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
1,2-Dichloropropane	78-87-5	1	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
2-Chloroethyl Vinyl Ether	110-75-8	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Benzene	71-43-2	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromodichloromethane	75-27-4	1	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Bromoform	75-25-2	4	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromomethane	74-83-9	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Carbon tetrachloride	56-23-5	2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Chlorobenzene	108-90-7	50	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloroethane	75-00-3	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Chloroform	67-66-3	6	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloromethane	74-87-3	30	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
cis-1,2-Dichloroethene	156-59-2	70	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
cis-1,3-Dichloropropene	10061-01-5	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Dibromochloromethane	124-48-1	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Ethylbenzene	100-41-4	700	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Methylene Chloride	75-09-2	2	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
Tetrachloroethene	127-18-4	1	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Toluene	108-88-3	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Total Xylenes	1330-20-7	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Trans-1,2-Dichloroethene	156-60-5	100	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
trans-1,3-Dichloropropene	10061-02-6	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Trichloroethylene	79-01-6	1	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U
Trichlorofluoromethane	75-69-4	2000	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Vinyl Chloride	75-01-4	5	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
TOTAL VOCs	---	---	ND	ND	ND	ND	ND
VOC TICs	---	100/500	ND	ND	ND	ND	ND

NOTES:
Results are reported in micrograms per liter (µg/L) unless noted.
CAS_RN = Chemical Abstracts Service Registry Number
NJDEP GWQS = New Jersey Department of Environmental Protection Groundwater Quality Standards
TICs = Tentatively Identified Compounds
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parenthesis.
ND = Not Detected
Bold indicates that the concentration exceeds the NJDEP GWQS.

TABLE 4
SUMMARY OF QA/AC SAMPLE ANALYTICAL RESULTS: Volatile Organic Compounds
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Field ID			**A050802**	**A050902**	**B050902**	**A051002**	**B051002**
Sample Type			Field Blank	Field Blank	Field Blank	Field Blank	Field Blank
Lab ID			349138	349617	349624	349620	349627
Sample Date			5/8/02	5/9/02	5/9/02	5/10/02	5/10/02
Sample Time			0:00	15:20	15:00	9:00	12:15
Total Petroleum Hydrocarbons (TPHC) via EPA Method 418.1	**CAS_RN**	**NJDEP GWQS**					
TPHC (in mg/L)	---	none	(1) U	(1) U	(1) U	(1) U	(1) U
Volatile Organic Compounds (VOCs) via EPA Method 624	**CAS_RN**	**NJDEP GWQS**					
1,1,1-Trichloroethane	71-55-6	30	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1,2-Trichloroethane	79-00-5	3	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethane	75-34-3	50	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethene	75-35-4	2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,2-Dichloroethane	107-06-2	2	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
1,2-Dichloropropane	78-87-5	1	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
2-Chloroethyl Vinyl Ether	110-75-8	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Benzene	71-43-2	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromodichloromethane	75-27-4	1	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Bromoform	75-25-2	4	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromomethane	74-83-9	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Carbon tetrachloride	56-23-5	2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Chlorobenzene	108-90-7	50	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloroethane	75-00-3	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Chloroform	67-66-3	6	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloromethane	74-87-3	30	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
cis-1,2-Dichloroethene	156-59-2	70	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
cis-1,3-Dichloropropene	10061-01-5	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Dibromochloromethane	124-48-1	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Ethylbenzene	100-41-4	700	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Methylene Chloride	75-09-2	2	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
Tetrachloroethene	127-18-4	1	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Toluene	108-88-3	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Total Xylenes	1330-20-7	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Trans-1,2-Dichloroethene	156-60-5	100	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
trans-1,3-Dichloropropene	10061-02-6	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Trichloroethylene	79-01-6	1	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U
Trichlorofluoromethane	75-69-4	2000	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Vinyl Chloride	75-01-4	5	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
TOTAL VOCs	---	---	ND	ND	ND	ND	ND
VOC TICs	---	100/500	ND	ND	ND	ND	ND

NOTES:
Results are reported in micrograms per liter (µg/L) unless noted.
CAS_RN = Chemical Abstracts Service Registry Number
NJDEP GWQS = New Jersey Department of Environmental Protection Groundwater Quality Standards
TICs = Tentatively Identified Compounds
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parenthesis.
ND = Not Detected
Bold indicates that the concentration exceeds the NJDEP GWQS.

TABLE 4
SUMMARY OF QA/AC SAMPLE ANALYTICAL RESULTS: Volatile Organic Compounds
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Field ID			**T042902**	**T050302**	**T050602**	**T050802**	**T051002**
Sample Type			Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Lab ID			347452	348498	348661	349140	349621
Sample Date			4/26/02	5/2/02	5/3/02	5/7/02	5/8/02
Sample Time			12:00	0:00	0:00	0:00	0:00
Total Petroleum Hydrocarbons (TPHC) via EPA Method 418.1	**CAS_RN**	**NJDEP GWQS**					
TPHC (in mg/L)	---	none	(1) U	(1) U	(1) U	(1) U	(1) U
Volatile Organic Compounds (VOCs) via EPA Method 624	**CAS_RN**	**NJDEP GWQS**					
1,1,1-Trichloroethane	71-55-6	30	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1,2-Trichloroethane	79-00-5	3	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethane	75-34-3	50	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethene	75-35-4	2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,2-Dichloroethane	107-06-2	2	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
1,2-Dichloropropane	78-87-5	1	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
2-Chloroethyl Vinyl Ether	110-75-8	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Benzene	71-43-2	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromodichloromethane	75-27-4	1	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Bromoform	75-25-2	4	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromomethane	74-83-9	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Carbon tetrachloride	56-23-5	2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Chlorobenzene	108-90-7	50	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloroethane	75-00-3	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Chloroform	67-66-3	6	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloromethane	74-87-3	30	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
cis-1,2-Dichloroethene	156-59-2	70	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
cis-1,3-Dichloropropene	10061-01-5	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Dibromochloromethane	124-48-1	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Ethylbenzene	100-41-4	700	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Methylene Chloride	75-09-2	2	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
Tetrachloroethene	127-18-4	1	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Toluene	108-88-3	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Total Xylenes	1330-20-7	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Trans-1,2-Dichloroethene	156-60-5	100	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
trans-1,3-Dichloropropene	10061-02-6	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Trichloroethylene	79-01-6	1	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U
Trichlorofluoromethane	75-69-4	2000	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Vinyl Chloride	75-01-4	5	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
TOTAL VOCs	---	---	ND	ND	ND	ND	ND
VOC TICs	---	100/500	ND	ND	ND	ND	ND

NOTES:
Results are reported in micrograms per liter (µg/L) unless noted.
CAS_RN = Chemical Abstracts Service Registry Number
NJDEP GWQS = New Jersey Department of Environmental Protection Groundwater Quality Standards
TICs = Tentatively Identified Compounds
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ND = Not Detected
Bold indicates that the concentration exceeds the NJDEP GWQS.

TABLE 5
SUMMARY OF QA/QC SAMPLE ANALYTICAL RESULTS: Base Neutral Organic Compounds
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Field ID			**A050602**	**A050702**	**A050802**	**A050902**	**B050902**	**B051002**
Sample Type			Field Blank	Field Blank	Field Blank	Field Blank	Field Blank	Field Blank
Lab ID			348660	349135	349138	349617	349624	349627
Sample Date			5/6/02	5/7/02	5/8/02	5/9/02	5/9/02	5/10/02
Sample Time			15:10	0:00	0:00	15:20	15:00	12:15
Base-Neutral Organic Compounds (BNs) via EPA Method 625	**CAS_RN**	**NJDEP GWQS**						
1,2,4-Trichlorobenzene	120-82-1	9	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U
1,2-Dichlorobenzene	95-50-1	600	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
1,3-Dichlorobenzene	541-73-1	600	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U
1,4-Dichlorobenzene	106-46-7	75	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U
2,4-Dinitrotoluene	121-14-2	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
2,6-Dinitrotoluene	606-20-2	---	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
2-Chloronaphthalene	91-58-7	600	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U
3,3'-Dichlorobenzidine	91-94-1	60	(1.3) U	(1.3) U	(1.3) U	(1.3) U	(1.4) U	(1.3) U
4-Bromophenyl phenyl ether	101-55-3	---	(2) U	(2) U	(2) U	(2) U	(2) U	(2) U
4-Chlorophenyl phenyl ether	7005-72-3	100	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
Acenaphthene	83-32-9	400	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U
Acenaphthylene	208-96-8	---	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U
Anthracene	120-12-7	2000	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Benz(a)anthracene	56-55-3	0.2	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Benzidine	92-87-5	50	(25) U	(25) U	(25) U	(25) U	(26) U	(25) U
Benzo(a)pyrene	50-32-8	0.2	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Benzo(b)fluoranthene	205-99-2	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Benzo(g,h,i)perylene	191-24-2	100	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Benzo(k)fluoranthene	207-08-9	1	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.9) U	(0.8) U
bis(2-Chloroethoxy)methane	111-91-1	100	(0.7) U	(0.7) U	(0.7) U	(0.7) U	(0.7) U	(0.7) U
bis(2-Chloroethyl)ether	111-44-4	10	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U
bis(2-Chloroisopropyl)ether	108-60-1	---	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
bis(2-Ethylhexyl)phthalate	117-81-7	30	19 B	8.4 B	8.8 B	3.1 B	1.2 B	1.7 B
Butylbenzylphthalate	85-68-7	100	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Chrysene	218-01-9	5	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Di-n-butylphthalate	84-74-2	900	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Di-n-octylphthalate	117-84-0	100	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U
Dibenz(a,h)anthracene	53-70-3	0.5	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.7) U	(0.6) U
Diethylphthalate	84-66-2	5000	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Dimethylphthalate	131-11-3	---	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U
Fluoranthene	206-44-0	300	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Fluorene	86-73-7	300	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U
Hexachlorobenzene	118-74-1	10	(1.1) U	(1.1) U	(1.1) U	(1.1) U	(1.2) U	(1.1) U
Hexachlorobutadiene	87-68-3	1	(1.2) U	(1.2) U	(1.2) U	(1.2) U	(1.2) U	(1.2) U
Hexachlorocyclopentadiene	77-47-4	50	(1.7) U	(1.7) U	(1.7) U	(1.7) U	(1.7) U	(1.7) U
Hexachloroethane	67-72-1	10	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
Indeno(1,2,3-cd)pyrene	193-39-5	10	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U
Isophorone	78-59-1	100	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
N-Nitroso-di-n-propylamine	621-64-7	20	(1.2) U	(1.2) U	(1.2) U	(1.2) U	(1.3) U	(1.2) U
N-Nitrosodimethylamine	62-75-9	20	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U
N-Nitrosodiphenylamine	86-30-6	20	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Naphthalene	91-20-3	300	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.7) U	(0.6) U
Nitrobenzene	98-95-3	10	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U
Phenanthrene	85-01-8	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Pyrene	129-00-0	200	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Total BNs	---	---	*19*	*8.4*	*8.8*	*3.1*	*1.2*	*1.7*
BN TICs	---	*100/500*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*

NOTES:
All results are reported in micrograms per liter (µg/L).
CAS_RN = Chemical Abstracts Service Registry Number
NJDEP GWQS = New Jersey Department of Environmental Protection Groundwater Quality Standards
TICs = Tentatively Identified Compounds
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parenthesis.
ND = Not Detected
Bold indicates that the concentration exceeds the NJDEP GWQS.

TABLE 6
SUMMARY OF QA/AC ANALYTICAL RESULTS: Selected Metals
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Field ID			**A050802**	**A050902**	**A051002**	**B050202**	**B050602**	**B050702**	**B050902**
Lab ID			349138	349617	349620	348231	348656	349143	349624
Sample Date			5/8/02	5/9/02	5/10/02	5/2/02	5/6/02	5/7/02	5/9/02
Sample Time			0:00	15:20	9:00	15:00	15:45	14:50	15:00
Selected Metals	**CAS_RN**	**NJDEP GWQS**							
Arsenic (Method 6010B)	7440-38-2	8	(3.4) U	(3.4) U	(3.4) U	(6.4) U	(3.4) U	(3.4) U	(3.4) U
Chromium (Method 200.7)	7440-47-3	100	(2.8) U	(2.8) U	(2.8) U	(3.2) U	(2.8) U	(2.8) U	(2.8) U
Lead (Method 200.7)	7439-92-1	10	(2.2) U	(2.2) U	(2.2) U	(4.6) U	(2.2) U	(2.2) U	(2.2) U

NOTES:
All results are reported in micrograms per liter (µg/L).
CAS_RN = Chemical Abstracts Service Registry Number
NJDEP GWQS = New Jersey Department of Environmental Protection Groundwater Quality Standards
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parenthesis.
ND = Not Detected
Bold indicates that the concentration exceeds the NJDEP GWQS.

TABLE 7
SUMMARY OF PASSIVE DIFFUSION BAG ANALYTICAL RESULTS
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Sample ID			**MW01A**	**MW03A**	**MW04A**	**MW04B**	**MW05A**	**MW05B**	**MW06A**	**MW06B**	**MW06C**	**MW13A**	**MW13AP**
Lab ID			347417	347428	347429	347430	347423	347424	347434	347435	347436	347449	347450
Sample Date			4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Deployment Depth (ft)			118	105	107	120	96	111	110	140	185	157	157
Volatile Organic Compounds (VOC)	**CAS_RN**	**NJDEP**											
(via EPA Method 624)		**GWQS**											
1,1,1-Trichloroethane	71-55-6	30	(0.3) U	1.8	1.2	1.2	(0.3) U	(0.3) U	**57**	**55**	25	(0.3) U	(0.3) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1,2-Trichloroethane	79-00-5	3	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethane	75-34-3	50	(0.3) U	2.6	3.3	3.1	(0.3) U	(0.3) U	19	18	6.3	(0.3) U	(0.3) U
1,1-Dichloroethene	75-35-4	2	(0.3) U	0.4	0.8	0.9	(0.3) U	(0.3) U	**10**	**9.3**	**5.3**	(0.3) U	(0.3) U
1,2-Dichloroethane	107-06-2	2	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
1,2-Dichloropropane	78-87-5	1	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
2-Chloroethyl Vinyl Ether	110-75-8	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Benzene	71-43-2	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromodichloromethane	75-27-4	1	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Bromoform	75-25-2	4	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromomethane	74-83-9	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Carbon tetrachloride	56-23-5	2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Chlorobenzene	108-90-7	50	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloroethane	75-00-3	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Chloroform	67-66-3	6	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloromethane	74-87-3	30	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
cis-1,2-Dichloroethene	156-59-2	70	(0.3) U	1.7	**89**	**87**	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
cis-1,3-Dichloropropene	10061-01-5	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Dibromochloromethane	124-48-1	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Ethylbenzene	100-41-4	700	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Methylene Chloride	75-09-2	2	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
Tetrachloroethene	127-18-4	1	(0.2) U	(0.2) U	**8.1**	**7.9**	(0.2) U	(0.2) U	0.5	0.5	0.3	(0.2) U	(0.2) U
Toluene	108-88-3	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	0.3	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Total Xylenes	1330-20-7	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Trans-1,2-Dichloroethene	156-60-5	100	(0.2) U	(0.2) U	0.7	0.5	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
trans-1,3-Dichloropropene	10061-02-6	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Trichloroethylene	79-01-6	1	(0.1) U	0.8	**32**	**31**	(0.1) U	(0.1) U	**4.9**	**4.6**	**2.6**	(0.1) U	(0.1) U
Trichlorofluoromethane	75-69-4	2000	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	0.8	(0.4) U	(0.4) U
Vinyl Chloride	75-01-4	5	(0.3) U	(0.3) U	**26**	**26**	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
TOTAL VOCs	---	---	ND	7.3	161.1	197.6	ND	ND	91.7	87.4	637	ND	ND
TOTAL VOC TICs	---	100/500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
All results are reported in micrograms per liter (µg/L).
Depths are reported in feet (ft) below top of well casing.
Sample IDs ending in "P" indicate that it is a duplicate sample.
CAS_RN = Chemical Abstracts Service Registry Number
NJDEP GWQS = New Jersey Department of Environmental Protection Groundwater Quality Standards
TICs = Tentatively Identified Compounds
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parenthesis.
ND = Not Detected
Bold indicates that the concentration exceeds the NJDEP GWQS.

TABLE 7
SUMMARY OF PASSIVE DIFFUSION BAG ANALYTICAL RESULTS
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Sample ID			**MW17A**	**MW17B**	**MW17C**	**MW20A**	**MW26A**	**MW26B**	**MW26C**	**MW26D**	**MW26E**	**MW28AA**	**MW28AB**
Lab ID			347444	347445	347446	347443	347418	347419	347420	347421	347422	347425	347426
Sample Date			4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Deployment Depth (ft)			86	113	135	102	90	106	120	130	138	93	109
Volatile Organic Compounds (VOC)	**CAS_RN**	**NJDEP**											
(via EPA Method 624)		**GWQS**											
1,1,1-Trichloroethane	71-55-6	30	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1,2-Trichloroethane	79-00-5	3	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethane	75-34-3	50	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethene	75-35-4	2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,2-Dichloroethane	107-06-2	2	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
1,2-Dichloropropane	78-87-5	1	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
2-Chloroethyl Vinyl Ether	110-75-8	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Benzene	71-43-2	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromodichloromethane	75-27-4	1	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Bromoform	75-25-2	4	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromomethane	74-83-9	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Carbon tetrachloride	56-23-5	2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Chlorobenzene	108-90-7	50	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloroethane	75-00-3	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Chloroform	67-66-3	6	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloromethane	74-87-3	30	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
cis-1,2-Dichloroethene	156-59-2	70	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
cis-1,3-Dichloropropene	10061-01-5	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Dibromochloromethane	124-48-1	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Ethylbenzene	100-41-4	700	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Methylene Chloride	75-09-2	2	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
Tetrachloroethene	127-18-4	1	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Toluene	108-88-3	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Total Xylenes	1330-20-7	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Trans-1,2-Dichloroethene	156-60-5	100	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
trans-1,3-Dichloropropene	10061-02-6	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Trichloroethylene	79-01-6	1	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U
Trichlorofluoromethane	75-69-4	2000	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Vinyl Chloride	75-01-4	5	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
TOTAL VOCs	---	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOC TICs	---	100/500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
All results are reported in micrograms per liter (µg/L).
Depths are reported in feet (ft) below top of well casing.
Sample IDs ending in "P" indicate that it is a duplicate sample.
CAS_RN = Chemical Abstracts Service Registry Number
NJDEP GWQS = New Jersey Department of Environmental Pr
Groundwater Quality Standards
TICs = Tentatively Identified Compounds
U - Indicates that the analyte was not detected at the Method I
Limit (MDL) shown in parenthesis.
ND = Not Detected
Bold indicates that the concentration exceeds the NJDEP GW

TABLE 7
SUMMARY OF PASSIVE DIFFUSION BAG ANALYTICAL RESULTS
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Sample ID			**MW32A**	**MW32B**	**MW33AA**	**MW33AP**	**MW34A**	**MW34B**	**MW35A**	**MW35B**	**MW38A**	**MW38B**	**MW38C**
Lab ID			347447	347448	347441	347442	347437	347438	347439	347440	347431	347432	347433
Sample Date			4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwate
Deployment Depth (ft)			117	127	120	120	106	113	122	128	87	102	115
Volatile Organic Compounds (VOC)	**CAS_RN**	**NJDEP**											
(via EPA Method 624)		**GWQS**											
1,1,1-Trichloroethane	71-55-6	30	7.4	8.5	3.5	3.4	1.7	4.6	**82**	**82**	(0.3) U	(0.3) U	(0.3) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1,2-Trichloroethane	79-00-5	3	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethane	75-34-3	50	13	14	1.1	1.1	(0.3) U	0.9	26	25	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethene	75-35-4	2	**3**	**3.1**	1.9	1.5	(0.3) U	1.9	**16**	**16**	(0.3) U	(0.3) U	(0.3) U
1,2-Dichloroethane	107-06-2	2	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
1,2-Dichloropropane	78-87-5	1	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
2-Chloroethyl Vinyl Ether	110-75-8	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Benzene	71-43-2	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromodichloromethane	75-27-4	1	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Bromoform	75-25-2	4	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromomethane	74-83-9	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Carbon tetrachloride	56-23-5	2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Chlorobenzene	108-90-7	50	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloroethane	75-00-3	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Chloroform	67-66-3	6	0.4	0.5	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloromethane	74-87-3	30	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
cis-1,2-Dichloroethene	156-59-2	70	4	4.4	(0.3) U	(0.3) U	1.2	7.6	1.2	1.3	(0.3) U	(0.3) U	(0.3) U
cis-1,3-Dichloropropene	10061-01-5	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Dibromochloromethane	124-48-1	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Ethylbenzene	100-41-4	700	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Methylene Chloride	75-09-2	2	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
Tetrachloroethene	127-18-4	1	0.6	0.6	**1.3**	**1.4**	0.6	**2.5**	**1.4**	**2.6**	(0.2) U	(0.2) U	(0.2) U
Toluene	108-88-3	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Total Xylenes	1330-20-7	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Trans-1,2-Dichloroethene	156-60-5	100	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
trans-1,3-Dichloropropene	10061-02-6	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Trichloroethylene	79-01-6	1	**2.4**	**2.5**	**3.2**	**3.1**	**2.3**	**7.7**	**11**	**12**	(0.1) U	(0.1) U	(0.1) U
Trichlorofluoromethane	75-69-4	2000	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Vinyl Chloride	75-01-4	5	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
TOTAL VOCs	---	---	30.8	33..6	11	10.5	5.8	25.2	137.6	138.9	ND	ND	ND
TOTAL VOC TICs	---	100/500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
All results are reported in micrograms per liter (µg/L).
Depths are reported in feet (ft) below top of well casing.
Sample IDs ending in "P" indicate that it is a duplicate sample.
CAS_RN = Chemical Abstracts Service Registry Number
NJDEP GWQS = New Jersey Department of Environmental Pr
Groundwater Quality Standards
TICs = Tentatively Identified Compounds
U - Indicates that the analyte was not detected at the Method I
Limit (MDL) shown in parenthesis.
ND = Not Detected
Bold indicates that the concentration exceeds the NJDEP GW

TABLE 7
SUMMARY OF PASSIVE DIFFUSION BAG ANALYTICAL RESULTS
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Sample ID			**RW09A**	**RW09B**	**RW09C**	**RW09D**	**RW15A**	**RW15B**	**RW15C**	**RW15D**	**RW16A**	**RW16B**
Lab ID			347413	347414	347415	347416	347427	347408	347409	347410	347411	347412
Sample Date			4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02	4/29/02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Deployment Depth (ft)			118	147	160	188	113	128	142	156	121	141.5
Volatile Organic Compounds (VOC)	**CAS_RN**	**NJDEP**										
(via EPA Method 624)		**GWQS**										
1,1,1-Trichloroethane	71-55-6	30	(0.5) U	(0.5) U	(0.3) U	(1.3) U	1	1	1	0.9	96	88
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.6) U	(0.6) U	(0.3) U	**(1.6) U**	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(3.1) U	(3.1) U
1,1,2-Trichloroethane	79-00-5	3	(0.6) U	(0.6) U	(0.3) U	(1.4) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(2.8) U	(2.8) U
1,1-Dichloroethane	75-34-3	50	(0.5) U	(0.5) U	(0.3) U	(1.4) U	3.6	3.8	3.9	3.6	**460**	**440**
1,1-Dichloroethene	75-35-4	2	0.7	(0.6) U	0.4	(1.4) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	**14**	**12**
1,2-Dichloroethane	107-06-2	2	(0.7) U	(0.7) U	(0.4) U	(1.8) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	**18**	**18**
1,2-Dichloropropane	78-87-5	1	(0.7) U	(0.7) U	(0.4) U	(1.8) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(3.5) U	(3.5) U
2-Chloroethyl Vinyl Ether	110-75-8	100	(0.9) U	(0.9) U	(0.5) U	(2.4) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(4.7) U	(4.7) U
Benzene	71-43-2	1	(0.6) U	(0.6) U	(0.3) U	(1.4) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(2.9) U	(2.9) U
Bromodichloromethane	75-27-4	1	(0.4) U	(0.4) U	(0.2) U	(1) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(2) U	(2) U
Bromoform	75-25-2	4	(0.6) U	(0.6) U	(0.3) U	(1.4) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(2.9) U	(2.9) U
Bromomethane	74-83-9	10	(0.6) U	(0.6) U	(0.3) U	(1.6) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(3.2) U	(3.2) U
Carbon tetrachloride	56-23-5	2	(0.6) U	(0.6) U	(0.3) U	(1.5) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(3) U	(3) U
Chlorobenzene	108-90-7	50	(0.4) U	(0.4) U	(0.2) U	(1) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(2.1) U	(2.1) U
Chloroethane	75-00-3	100	(1) U	(1) U	(0.5) U	(2.4) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	1300	1200
Chloroform	67-66-3	6	(0.5) U	(0.5) U	(0.2) U	(1.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(2.5) U	(2.5) U
Chloromethane	74-87-3	30	(0.9) U	(0.9) U	(0.4) U	(2.2) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(4.3) U	(4.3) U
cis-1,2-Dichloroethene	156-59-2	70	**310**	**260**	**140**	27	7.2	8	8.2	7.7	(3.1) U	(3.1) U
cis-1,3-Dichloropropene	10061-01-5	---	(0.6) U	(0.6) U	(0.3) U	(1.5) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(3) U	(3) U
Dibromochloromethane	124-48-1	10	(0.5) U	(0.5) U	(0.3) U	(1.4) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(2.7) U	(2.7) U
Ethylbenzene	100-41-4	700	(0.3) U	(0.3) U	(0.2) U	(0.8) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(1.5) U	(1.5) U
Methylene Chloride	75-09-2	2	(1.8) U	(1.8) U	(0.9) U	(4.4) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(8.8) U	(8.8) U
Tetrachloroethene	127-18-4	1	**3.4**	**2.6**	0.3	(1.2) U	0.7	0.9	0.7	0.8	(2.4) U	(2.4) U
Toluene	108-88-3	1000	(0.5) U	(0.5) U	0.5	(1.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(2.4) U	(2.4) U
Total Xylenes	1330-20-7	1000	(0.4) U	(0.4) U	(0.2) U	(0.9) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(1.8) U	(1.8) U
Trans-1,2-Dichloroethene	156-60-5	100	0.6	0.8	0.8	(1.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(2.3) U	(2.3) U
trans-1,3-Dichloropropene	10061-02-6	---	(0.6) U	(0.6) U	(0.3) U	(1.4) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(2.8) U	(2.8) U
Trichloroethylene	79-01-6	1	**11**	**7.6**	**2.1**	(0.6) U	**3.1**	**3.4**	**3.3**	**3.2**	(1.2) U	(1.2) U
Trichlorofluoromethane	75-69-4	2000	(0.8) U	(0.8) U	(0.4) U	(2) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(4.1) U	(4.1) U
Vinyl Chloride	75-01-4	5	**77**	**71**	**180**	**330**	**7.3**	**7.5**	**6.8**	**7.6**	**19**	**20**
TOTAL VOCs	---	---	402.7	341	322.5	357	22.9	24.6	23.9	24.1	607	578
TOTAL VOC TICs	---	100/500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
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CAS_RN = Chemical Abstracts Service Registry Number
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TICs = Tentatively Identified Compounds
U - Indicates that the analyte was not detected at the Method D
Limit (MDL) shown in parenthesis.
ND = Not Detected
Bold indicates that the concentration exceeds the NJDEP GW

TABLE 8
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS:
Petroleum Hydrocarbons and Volatile Organic Compounds
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Field ID			**MW01**	**MW2A**	**MW03**	**MW04**	**MW06**	**MW13**	**MW15**
Lab ID			347679	348228	348653	348654	349141	349622	349626
Sample Date			4/30/02	5/2/02	5/6/02	5/6/02	5/7/02	5/9/02	5/10/02
Sample Time			10:00	10:20	10:00	12:10	13:25	12:45	11:15
Total Petroleum Hydrocarbons (TPHC)	**CAS_RN**	**NJDEP**							
via EPA Method 418.1		**GWQS**							
TPHC (in mg/L)	---	none	(1) U	(1) U	(1) U	(1) U	(1) U	(1) U	(1) U
Volatile Organic Compounds (VOCs)	**CAS_RN**	**NJDEP**							
via EPA Method 624		**GWQS**							
1,1,1-Trichloroethane	71-55-6	30	(0.3) U	25	(0.3) U	1.2	17	(0.3) U	3.8
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1,2-Trichloroethane	79-00-5	3	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethane	75-34-3	50	(0.3) U	(0.3) U	(0.3) U	3.4	4.3	(0.3) U	5
1,1-Dichloroethene	75-35-4	2	(0.3) U	**4.6**	(0.3) U	0.7	**3**	(0.3) U	1.3
1,2-Dichloroethane	107-06-2	2	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
1,2-Dichloropropane	78-87-5	1	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
2-Chloroethyl Vinyl Ether	110-75-8	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Benzene	71-43-2	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromodichloromethane	75-27-4	1	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Bromoform	75-25-2	4	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromomethane	74-83-9	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Carbon tetrachloride	56-23-5	2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Chlorobenzene	108-90-7	50	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloroethane	75-00-3	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Chloroform	67-66-3	6	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloromethane	74-87-3	30	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
cis-1,2-Dichloroethene	156-59-2	70	(0.3) U	(0.3) U	(0.3) U	**97**	(0.3) U	(0.3) U	5.7
cis-1,3-Dichloropropene	10061-01-5	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Dibromochloromethane	124-48-1	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Ethylbenzene	100-41-4	700	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Methylene Chloride	75-09-2	2	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
Tetrachloroethene	127-18-4	1	(0.2) U	0.9	(0.2) U	**14**	0.4	(0.2) U	**1.2**
Toluene	108-88-3	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Total Xylenes	1330-20-7	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Trans-1,2-Dichloroethene	156-60-5	100	(0.2) U	(0.2) U	(0.2) U	0.5	(0.2) U	(0.2) U	(0.2) U
trans-1,3-Dichloropropene	10061-02-6	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Trichloroethylene	79-01-6	1	(0.1) U	0.6	(0.1) U	**31**	**1.9**	(0.1) U	**1.5**
Trichlorofluoromethane	75-69-4	2000	(0.4) U	(0.4) U	(0.4) U	(0.4) U	1.1	(0.4) U	(0.4) U
Vinyl Chloride	75-01-4	5	(0.3) U	(0.3) U	(0.3) U	**34**	(0.3) U	(0.3) U	(0.3) U
TOTAL VOCs	---	---	*ND*	*31.1*	*ND*	*181.8*	*27.7*	*ND*	*18.5*
VOC TICs	---	*100/500*	*ND*	*ND*	*ND*	*ND*	*6.6*	*ND*	*ND*

NOTES:
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Sample Ids ending in "P" indicate that it is a duplicate sample.
CAS_RN = Chemical Abstracts Service Registry Number
NJDEP GWQS = New Jersey Department of Environmental Protection Groundwater Quality Standards
TICs = Tentatively Identified Compounds
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parenthesis.
ND = Not Detected
Bold indicates that the concentration exceeds the NJDEP GWQS.

TABLE 8
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS:
Petroleum Hydrocarbons and Volatile Organic Compounds
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Field ID			**MW16**	**MW17**	**MW18**	**MW19**	**MW20**	**MW21**	**MW24**
Lab ID			348496	348657	348659	349134	348658	349136	349142
Sample Date			5/3/02	5/6/02	5/6/02	5/7/02	5/6/02	5/8/02	5/7/02
Sample Time			14:45	11:20	15:30	0:00	14:00	0:00	15:55
Total Petroleum Hydrocarbons (TPHC)	**CAS_RN**	**NJDEP**							
via EPA Method 418.1		**GWQS**							
TPHC (in mg/L)	---	none	(1) U	(1) U	(1) U	(1) U	(1) U	(1) U	(1) U
Volatile Organic Compounds (VOCs)	**CAS_RN**	**NJDEP**							
via EPA Method 624		**GWQS**							
1,1,1-Trichloroethane	71-55-6	30	7.1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1,2-Trichloroethane	79-00-5	3	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethane	75-34-3	50	6.2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethene	75-35-4	2	**2.9**	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,2-Dichloroethane	107-06-2	2	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
1,2-Dichloropropane	78-87-5	1	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
2-Chloroethyl Vinyl Ether	110-75-8	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Benzene	71-43-2	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromodichloromethane	75-27-4	1	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Bromoform	75-25-2	4	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromomethane	74-83-9	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Carbon tetrachloride	56-23-5	2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Chlorobenzene	108-90-7	50	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloroethane	75-00-3	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Chloroform	67-66-3	6	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloromethane	74-87-3	30	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
cis-1,2-Dichloroethene	156-59-2	70	0.5	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
cis-1,3-Dichloropropene	10061-01-5	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Dibromochloromethane	124-48-1	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Ethylbenzene	100-41-4	700	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Methylene Chloride	75-09-2	2	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
Tetrachloroethene	127-18-4	1	**8.2**	0.7	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Toluene	108-88-3	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Total Xylenes	1330-20-7	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Trans-1,2-Dichloroethene	156-60-5	100	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
trans-1,3-Dichloropropene	10061-02-6	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Trichloroethylene	79-01-6	1	1.3	(0.1) U	(0.1) U	0.6	(0.1) U	(0.1) U	(0.1) U
Trichlorofluoromethane	75-69-4	2000	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Vinyl Chloride	75-01-4	5	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
TOTAL VOCs	---	---	*26.2*	*0.7*	*ND*	*0.6*	*ND*	*ND*	*ND*
VOC TICs	---	*100/500*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*

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NJDEP GWQS = New Jersey Department of Environmental Prot
Groundwater Quality Standards
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TABLE 8
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS:
Petroleum Hydrocarbons and Volatile Organic Compounds
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Ingersoll Rand
Phillipsburg, New Jersey

Field ID			**MW27**	**MW29**	**MW30**	**MW31**	**MW31P**	**MW32**	**MW32P**
Lab ID			349623	349139	349618	349613	349614	349145	349146
Sample Date			5/9/02	5/8/02	5/10/02	5/9/02	5/9/02	5/8/02	5/8/02
Sample Time			14:40	0:00	8:50	11:00	11:05	10:30	15:20
Total Petroleum Hydrocarbons (TPHC)	**CAS_RN**	**NJDEP**							
via EPA Method 418.1		**GWQS**							
TPHC (in mg/L)	---	none	(1) U	(1) U	(1) U	(1) U	(1) U	(1) U	(1) U
Volatile Organic Compounds (VOCs)	**CAS_RN**	**NJDEP**							
via EPA Method 624		**GWQS**							
1,1,1-Trichloroethane	71-55-6	30	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	8.1	7.6
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1,2-Trichloroethane	79-00-5	3	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethane	75-34-3	50	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	14	14
1,1-Dichloroethene	75-35-4	2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	**2.1**	1.5
1,2-Dichloroethane	107-06-2	2	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
1,2-Dichloropropane	78-87-5	1	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
2-Chloroethyl Vinyl Ether	110-75-8	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Benzene	71-43-2	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromodichloromethane	75-27-4	1	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Bromoform	75-25-2	4	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromomethane	74-83-9	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Carbon tetrachloride	56-23-5	2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Chlorobenzene	108-90-7	50	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloroethane	75-00-3	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Chloroform	67-66-3	6	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	0.4	0.4
Chloromethane	74-87-3	30	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
cis-1,2-Dichloroethene	156-59-2	70	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	3.9	3.8
cis-1,3-Dichloropropene	10061-01-5	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Dibromochloromethane	124-48-1	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Ethylbenzene	100-41-4	700	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Methylene Chloride	75-09-2	2	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
Tetrachloroethene	127-18-4	1	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	**1.4**	**1.3**
Toluene	108-88-3	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Total Xylenes	1330-20-7	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Trans-1,2-Dichloroethene	156-60-5	100	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
trans-1,3-Dichloropropene	10061-02-6	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Trichloroethylene	79-01-6	1	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U	**2.4**	**2.1**
Trichlorofluoromethane	75-69-4	2000	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Vinyl Chloride	75-01-4	5	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
TOTAL VOCs	---	---	*ND*	*ND*	*ND*	*ND*	*ND*	*32.3*	*30.7*
VOC TICs	---	*100/500*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*

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Field ID			**MW33A**	**MW34**	**MW35**	**MW36**	**MW37**	**MW38**
Lab ID			348225	348226	348229	348655	347681	347682
Sample Date			5/1/02	5/1/02	5/2/02	5/6/02	4/30/02	4/30/02
Sample Time			10:30	14:30	12:40	15:15	11:20	14:45
Total Petroleum Hydrocarbons (TPHC)	**CAS_RN**	**NJDEP**						
via EPA Method 418.1		**GWQS**						
TPHC (in mg/L)	---	none	(1) U	(1) U	(1) U	(1) U	(1) U	(1) U
Volatile Organic Compounds (VOCs)	**CAS_RN**	**NJDEP**						
via EPA Method 624		**GWQS**						
1,1,1-Trichloroethane	71-55-6	30	4.3	4.2	**70**	(0.3) U	(0.3) U	(0.3) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1,2-Trichloroethane	79-00-5	3	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethane	75-34-3	50	(0.3) U	(0.3) U	19	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethene	75-35-4	2	**2.1**	1.2	**12**	(0.3) U	(0.3) U	(0.3) U
1,2-Dichloroethane	107-06-2	2	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
1,2-Dichloropropane	78-87-5	1	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
2-Chloroethyl Vinyl Ether	110-75-8	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Benzene	71-43-2	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromodichloromethane	75-27-4	1	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Bromoform	75-25-2	4	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromomethane	74-83-9	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Carbon tetrachloride	56-23-5	2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	**4.6**	(0.3) U
Chlorobenzene	108-90-7	50	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloroethane	75-00-3	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Chloroform	67-66-3	6	(0.2) U	(0.2) U	(0.2) U	(0.2) U	0.6	(0.2) U
Chloromethane	74-87-3	30	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
cis-1,2-Dichloroethene	156-59-2	70	(0.3) U	6.1	1.4	(0.3) U	(0.3) U	(0.3) U
cis-1,3-Dichloropropene	10061-01-5	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Dibromochloromethane	124-48-1	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Ethylbenzene	100-41-4	700	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Methylene Chloride	75-09-2	2	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
Tetrachloroethene	127-18-4	1	**3.6**	**6.5**	**3.6**	(0.2) U	(0.2) U	(0.2) U
Toluene	108-88-3	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Total Xylenes	1330-20-7	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Trans-1,2-Dichloroethene	156-60-5	100	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
trans-1,3-Dichloropropene	10061-02-6	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Trichloroethylene	79-01-6	1	**3.8**	**7.1**	**9.2**	(0.1) U	**42**	(0.1) U
Trichlorofluoromethane	75-69-4	2000	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Vinyl Chloride	75-01-4	5	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
TOTAL VOCs	---	---	*13.8*	*25.1*	*115.2*	*ND*	*47.2*	*ND*
VOC TICs	---	*100/500*	*ND*	*ND*	*ND*	*6.4*	*ND*	*ND*

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TICs = Tentatively Identified Compounds
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TABLE 8
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS:
Petroleum Hydrocarbons and Volatile Organic Compounds
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Field ID			**MW39**	**MW40**	**MW41**	**MW42**	**MW43A**	**MW44**
Lab ID			349144	348494	349619	348491	348493	348230
Sample Date			5/8/02	5/3/02	5/10/02	5/3/02	5/3/02	5/2/02
Sample Time			15:20	15:25	10:20	9:55	13:25	14:30
Total Petroleum Hydrocarbons (TPHC)	**CAS_RN**	**NJDEP**						
via EPA Method 418.1		**GWQS**						
TPHC (in mg/L)	---	none	(1) U	(1) U	(1) U	(1) U	(1) U	(1) U
Volatile Organic Compounds (VOCs)	**CAS_RN**	**NJDEP**						
via EPA Method 624		**GWQS**						
1,1,1-Trichloroethane	71-55-6	30	(0.3) U	(0.3) U	1	(0.3) U	(0.3) U	(0.3) U
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1,2-Trichloroethane	79-00-5	3	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethane	75-34-3	50	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethene	75-35-4	2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,2-Dichloroethane	107-06-2	2	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
1,2-Dichloropropane	78-87-5	1	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
2-Chloroethyl Vinyl Ether	110-75-8	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Benzene	71-43-2	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromodichloromethane	75-27-4	1	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Bromoform	75-25-2	4	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromomethane	74-83-9	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Carbon tetrachloride	56-23-5	2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Chlorobenzene	108-90-7	50	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloroethane	75-00-3	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Chloroform	67-66-3	6	(0.2) U	(0.2) U	1.4	(0.2) U	(0.2) U	(0.2) U
Chloromethane	74-87-3	30	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
cis-1,2-Dichloroethene	156-59-2	70	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
cis-1,3-Dichloropropene	10061-01-5	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Dibromochloromethane	124-48-1	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Ethylbenzene	100-41-4	700	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Methylene Chloride	75-09-2	2	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
Tetrachloroethene	127-18-4	1	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Toluene	108-88-3	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Total Xylenes	1330-20-7	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Trans-1,2-Dichloroethene	156-60-5	100	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
trans-1,3-Dichloropropene	10061-02-6	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Trichloroethylene	79-01-6	1	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U
Trichlorofluoromethane	75-69-4	2000	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Vinyl Chloride	75-01-4	5	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
TOTAL VOCs	---	---	*ND*	*ND*	*2.4*	*ND*	*ND*	*ND*
VOC TICs	---	*100/500*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*

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TICs = Tentatively Identified Compounds
U - Indicates that the analyte was not detected at the Method
Detection Limit (MDL) shown in parenthesis.
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TABLE 8
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS:
Petroleum Hydrocarbons and Volatile Organic Compounds
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Field ID			**MW45**	**RW10**	**RW11**	**RW13**	**RW14**	**TH36**
Lab ID			348492	349615	349137	348495	349625	349616
Sample Date			5/3/02	5/9/02	5/8/02	5/3/02	5/10/02	5/9/02
Sample Time			10:55	13:00	0:00	15:18	9:30	13:55
Total Petroleum Hydrocarbons (TPHC)	**CAS_RN**	**NJDEP**						
via EPA Method 418.1		**GWQS**						
TPHC (in mg/L)	---	none	(1) U	(1) U	(1) U	(1) U	(1) U	(1) U
Volatile Organic Compounds (VOCs)	**CAS_RN**	**NJDEP**						
via EPA Method 624		**GWQS**						
1,1,1-Trichloroethane	71-55-6	30	(0.3) U	3.9	(0.3) U	2.8	5.1	2.3
1,1,2,2-Tetrachloroethane	79-34-5	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1,2-Trichloroethane	79-00-5	3	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
1,1-Dichloroethane	75-34-3	50	(0.3) U	(0.3) U	(0.3) U	1.5	8.9	2.3
1,1-Dichloroethene	75-35-4	2	(0.3) U	1.1	(0.3) U	0.8	(0.3) U	0.6
1,2-Dichloroethane	107-06-2	2	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
1,2-Dichloropropane	78-87-5	1	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
2-Chloroethyl Vinyl Ether	110-75-8	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Benzene	71-43-2	1	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromodichloromethane	75-27-4	1	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Bromoform	75-25-2	4	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Bromomethane	74-83-9	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Carbon tetrachloride	56-23-5	2	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Chlorobenzene	108-90-7	50	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloroethane	75-00-3	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Chloroform	67-66-3	6	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Chloromethane	74-87-3	30	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
cis-1,2-Dichloroethene	156-59-2	70	(0.3) U	(0.3) U	(0.3) U	(0.3) U	1.8	2.1
cis-1,3-Dichloropropene	10061-01-5	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Dibromochloromethane	124-48-1	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	1.2
Ethylbenzene	100-41-4	700	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Methylene Chloride	75-09-2	2	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
Tetrachloroethene	127-18-4	1	(0.2) U	(0.2) U	**4.9**	**1.2**	0.9	**2.5**
Toluene	108-88-3	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Total Xylenes	1330-20-7	1000	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Trans-1,2-Dichloroethene	156-60-5	100	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
trans-1,3-Dichloropropene	10061-02-6	---	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Trichloroethylene	79-01-6	1	(0.1) U	(0.1) U	(0.1) U	(0.1) U	**1.5**	0.9
Trichlorofluoromethane	75-69-4	2000	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Vinyl Chloride	75-01-4	5	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
TOTAL VOCs	---	---	*ND*	*5*	*4.9*	*6.3*	*18.2*	*11.9*
VOC TICs	---	*100/500*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*

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TABLE 9
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS: Base Neutral Organic Compounds
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Field ID			**MW13**	**MW15**	**MW18**	**MW19**	**MW20**	**MW21**
Lab ID			349622	349626	348659	349134	348658	349136
Sample Date			5/9/02	5/10/02	5/6/02	5/7/02	5/6/02	5/8/02
Sample Time			12:45	11:15	15:30	0:00	14:00	0:00
Base-Neutral Organic Compounds (BNs	**CAS_RN**	**NJDEP**						
via EPA Method 625		**GWQS**						
1,2,4-Trichlorobenzene	120-82-1	9	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U
1,2-Dichlorobenzene	95-50-1	600	(0.9) U	(0.9) U	(0.9) U	(0.8) U	(0.9) U	(0.9) U
1,3-Dichlorobenzene	541-73-1	600	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U
1,4-Dichlorobenzene	106-46-7	75	(0.9) U	(0.8) U	(0.9) U	(0.8) U	(0.9) U	(0.9) U
2,4-Dinitrotoluene	121-14-2	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
2,6-Dinitrotoluene	606-20-2	---	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
2-Chloronaphthalene	91-58-7	600	(0.9) U	(0.8) U	(0.9) U	(0.8) U	(0.9) U	(0.9) U
3,3'-Dichlorobenzidine	91-94-1	60	(1.4) U	(1.4) U	(1.4) U	(1.3) U	(1.4) U	(1.4) U
4-Bromophenyl phenyl ether	101-55-3	---	(2.1) U	(2) U	(2.1) U	(2) U	(2) U	(2) U
4-Chlorophenyl phenyl ether	7005-72-3	100	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
Acenaphthene	83-32-9	400	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U
Acenaphthylene	208-96-8	---	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U
Anthracene	120-12-7	2000	(0.5) U	(0.4) U	(0.5) U	(0.4) U	(0.4) U	(0.4) U
Benz(a)anthracene	56-55-3	0.2	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Benzidine	92-87-5	50	(27) U	(26) U	(26) U	(25) U	(26) U	(26) U
Benzo(a)pyrene	50-32-8	0.2	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Benzo(b)fluoranthene	205-99-2	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Benzo(g,h,i)perylene	191-24-2	100	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Benzo(k)fluoranthene	207-08-9	1	(0.9) U	(0.9) U	(0.9) U	(0.8) U	(0.9) U	(0.9) U
bis(2-Chloroethoxy)methane	111-91-1	100	(0.7) U	(0.7) U	(0.7) U	(0.7) U	(0.7) U	(0.7) U
bis(2-Chloroethyl)ether	111-44-4	10	(0.7) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U
bis(2-Chloroisopropyl)ether	108-60-1	---	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
bis(2-Ethylhexyl)phthalate	117-81-7	30	(0.5) U	(0.5) U	0.6 B	5 B	0.7 B	2.3 B
Butylbenzylphthalate	85-68-7	100	(0.4) U	(0.4) U	(0.4) U	0.5	(0.4) U	(0.4) U
Chrysene	218-01-9	5	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Di-n-butylphthalate	84-74-2	900	(0.5) U	(0.4) U	(0.5) U	(0.4) U	(0.4) U	(0.4) U
Di-n-octylphthalate	117-84-0	100	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U
Dibenz(a,h)anthracene	53-70-3	0.5	(0.7) U	(0.7) U	(0.7) U	(0.6) U	(0.7) U	(0.7) U
Diethylphthalate	84-66-2	5000	(0.5) U	(0.5) U	(0.5) U	(0.4) U	(0.5) U	(0.5) U
Dimethylphthalate	131-11-3	---	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U
Fluoranthene	206-44-0	300	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Fluorene	86-73-7	300	(0.7) U	(0.6) U	0.8	(0.6) U	(0.6) U	(0.6) U
Hexachlorobenzene	118-74-1	10	(1.2) U	(1.2) U	(1.2) U	(1.1) U	(1.2) U	(1.2) U
Hexachlorobutadiene	87-68-3	1	(1.2) U	(1.2) U	(1.2) U	(1.2) U	(1.2) U	(1.2) U
Hexachlorocyclopentadiene	77-47-4	50	(1.8) U	(1.8) U	(1.8) U	(1.7) U	(1.8) U	(1.8) U
Hexachloroethane	67-72-1	10	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
Indeno(1,2,3-cd)pyrene	193-39-5	10	(0.2) U	(0.1) U	(0.2) U	(0.1) U	(0.1) U	(0.1) U
Isophorone	78-59-1	100	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
N-Nitroso-di-n-propylamine	621-64-7	20	(1.3) U	(1.3) U	(1.3) U	(1.2) U	(1.3) U	(1.3) U
N-Nitrosodimethylamine	62-75-9	20	(0.7) U	(0.7) U	(0.7) U	(0.6) U	(0.7) U	(0.7) U
N-Nitrosodiphenylamine	86-30-6	20	(0.6) U	(0.5) U	(0.6) U	(0.5) U	(0.6) U	(0.6) U
Naphthalene	91-20-3	300	(0.7) U	(0.7) U	(0.7) U	(0.6) U	(0.7) U	(0.7) U
Nitrobenzene	98-95-3	10	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U
Phenanthrene	85-01-8	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Pyrene	129-00-0	200	(0.5) U	(0.4) U	(0.5) U	(0.4) U	(0.4) U	(0.4) U
TOTAL BNs	---	---	*ND*	*ND*	*1.4*	*5.5*	*0.7*	*2.3*
TOTAL BN TICs	---	*100/500*	*ND*	*ND*	*ND*	*ND*	*ND*	*14*

NOTES:
All results are reported in micrograms per liter (µg/L).
Depths are reported in feet (ft) below top of well casing.
Sample IDs ending in "P" indicate that it is a duplicate sample.
CAS_RN = Chemical Abstracts Service Registry Number
NJDEP GWQS = New Jersey Department of Environmental Protection Groundwater Quality Standards
TICs = Tentatively Identified Compounds
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parenthesis.
ND = Not Detected
Bold indicates that the concentration exceeds the NJDEP GWQS.

TABLE 9
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS: Base Neutral Organic Compounds
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Field ID			**MW27**	**MW29**	**MW31**	**MW31P**	**RW11**	**TH36**
Lab ID			349623	349139	349613	349614	349137	349616
Sample Date			5/9/02	5/8/02	5/9/02	5/9/02	5/8/02	5/9/02
Sample Time			14:40	0:00	11:00	11:05	0:00	13:55
Base-Neutral Organic Compounds (BNs via EPA Method 625	**CAS_RN**	**NJDEP GWQS**						
1,2,4-Trichlorobenzene	120-82-1	9	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U
1,2-Dichlorobenzene	95-50-1	600	(0.8) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
1,3-Dichlorobenzene	541-73-1	600	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U
1,4-Dichlorobenzene	106-46-7	75	(0.8) U	(0.8) U	(0.8) U	(0.9) U	(0.8) U	(0.8) U
2,4-Dinitrotoluene	121-14-2	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
2,6-Dinitrotoluene	606-20-2	---	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
2-Chloronaphthalene	91-58-7	600	(0.8) U	(0.8) U	(0.8) U	(0.9) U	(0.8) U	(0.8) U
3,3'-Dichlorobenzidine	91-94-1	60	(1.3) U	(1.3) U	(1.4) U	(1.4) U	(1.4) U	(1.4) U
4-Bromophenyl phenyl ether	101-55-3	---	(2) U	(2) U	(2) U	(2) U	(2) U	(2) U
4-Chlorophenyl phenyl ether	7005-72-3	100	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
Acenaphthene	83-32-9	400	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U
Acenaphthylene	208-96-8	---	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U
Anthracene	120-12-7	2000	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Benz(a)anthracene	56-55-3	0.2	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Benzidine	92-87-5	50	(25) U	(25) U	(26) U	(26) U	(26) U	(26) U
Benzo(a)pyrene	50-32-8	0.2	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
Benzo(b)fluoranthene	205-99-2	10	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U	(0.3) U
Benzo(g,h,i)perylene	191-24-2	100	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Benzo(k)fluoranthene	207-08-9	1	(0.8) U	(0.8) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
bis(2-Chloroethoxy)methane	111-91-1	100	(0.7) U	(0.7) U	(0.7) U	(0.7) U	(0.7) U	(0.7) U
bis(2-Chloroethyl)ether	111-44-4	10	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U
bis(2-Chloroisopropyl)ether	108-60-1	---	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
bis(2-Ethylhexyl)phthalate	117-81-7	30	(0.4) U	2.4 B	1.2 B	(0.5) U	1.6 B	(0.5) U
Butylbenzylphthalate	85-68-7	100	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Chrysene	218-01-9	5	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Di-n-butylphthalate	84-74-2	900	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Di-n-octylphthalate	117-84-0	100	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U
Dibenz(a,h)anthracene	53-70-3	0.5	(0.6) U	(0.6) U	(0.7) U	(0.7) U	(0.7) U	(0.7) U
Diethylphthalate	84-66-2	5000	(0.4) U	(0.4) U	(0.4) U	(0.5) U	(0.5) U	(0.5) U
Dimethylphthalate	131-11-3	---	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U
Fluoranthene	206-44-0	300	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
Fluorene	86-73-7	300	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U	(0.6) U
Hexachlorobenzene	118-74-1	10	(1.1) U	(1.1) U	(1.2) U	(1.2) U	(1.2) U	(1.2) U
Hexachlorobutadiene	87-68-3	1	(1.2) U	(1.2) U	(1.2) U	(1.2) U	(1.2) U	(1.2) U
Hexachlorocyclopentadiene	77-47-4	50	(1.7) U	(1.7) U	(1.7) U	(1.8) U	(1.8) U	(1.8) U
Hexachloroethane	67-72-1	10	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U	(0.9) U
Indeno(1,2,3-cd)pyrene	193-39-5	10	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U	(0.1) U
Isophorone	78-59-1	100	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U	(0.2) U
N-Nitroso-di-n-propylamine	621-64-7	20	(1.2) U	(1.2) U	(1.3) U	(1.3) U	(1.3) U	(1.3) U
N-Nitrosodimethylamine	62-75-9	20	(0.6) U	(0.6) U	(0.6) U	(0.7) U	(0.7) U	(0.7) U
N-Nitrosodiphenylamine	86-30-6	20	(0.5) U	(0.5) U	(0.5) U	(0.6) U	(0.5) U	(0.5) U
Naphthalene	91-20-3	300	(0.6) U	(0.6) U	(0.7) U	(0.7) U	(0.7) U	(0.7) U
Nitrobenzene	98-95-3	10	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U	(0.8) U
Phenanthrene	85-01-8	100	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U	(0.5) U
Pyrene	129-00-0	200	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U	(0.4) U
TOTAL BNs	---	---	*ND*	*2.4*	*1.2*	*ND*	*1.6*	*ND*
TOTAL BN TICs	---	*100/500*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*

NOTES:
All results are reported in micrograms per liter (µg/L).
Depths are reported in feet (ft) below top of well casing.
Sample IDs ending in "P" indicate that it is a duplicate sample.
CAS_RN = Chemical Abstracts Service Registry Number
NJDEP GWQS = New Jersey Department of Environmental Prote
Groundwater Quality Standards
TICs = Tentatively Identified Compounds
U - Indicates that the analyte was not detected at the Method Dete
Limit (MDL) shown in parenthesis.
ND = Not Detected
Bold indicates that the concentration exceeds the NJDEP GWQS

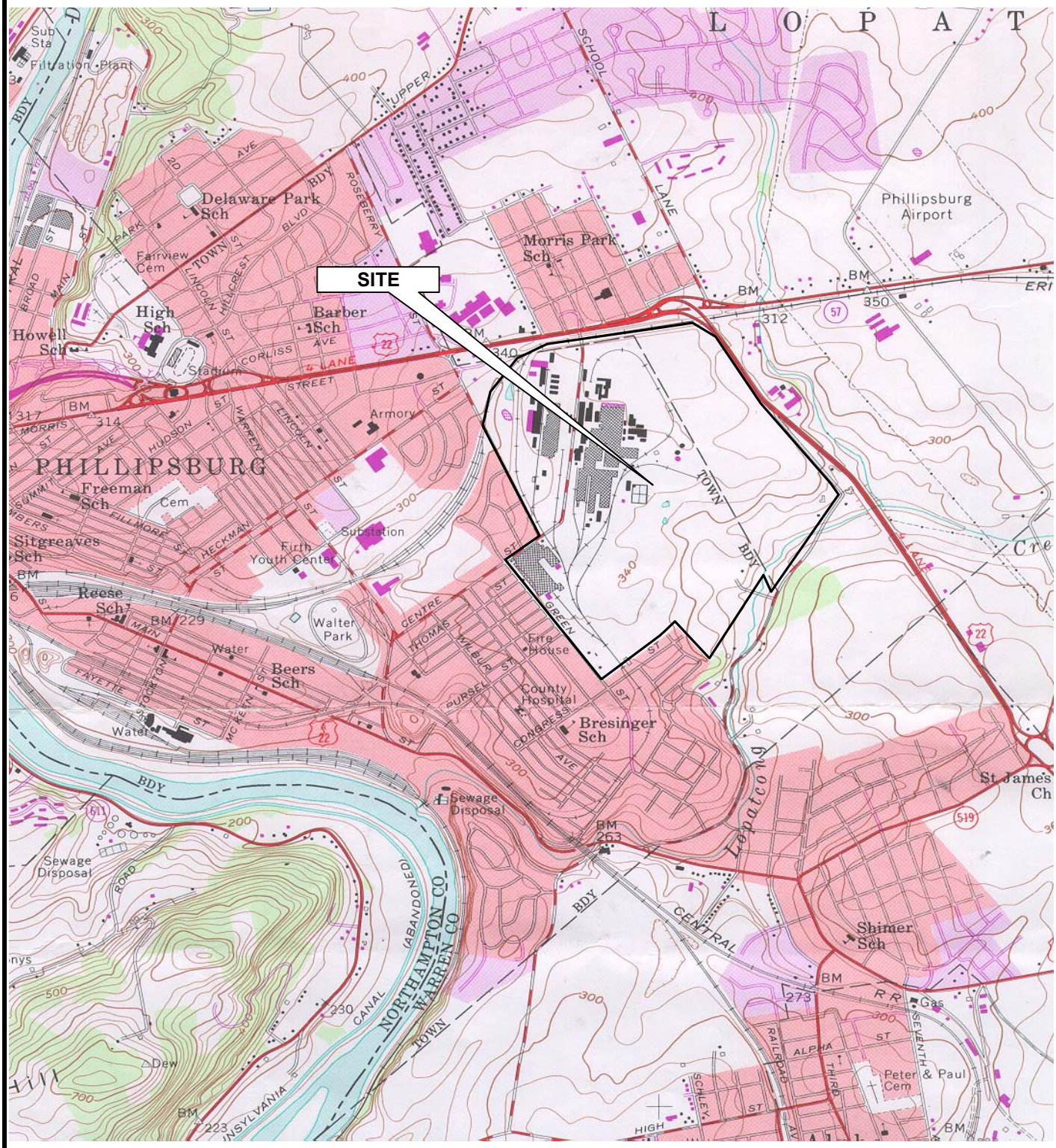
TABLE 10
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS: Selected Metals
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Field ID			**MW01**	**MW2A**	**MW03**	**MW04**	**MW06**	**MW13**	**MW30**	**MW31**	**MW31P**
Lab ID			347679	348228	348653	348654	349141	349622	349618	349613	349614
Sample Date			4/30/02	5/2/02	5/6/02	5/6/02	5/7/02	5/9/02	5/10/02	5/9/02	5/9/02
Sample Time			10:00	10:20	10:00	12:10	13:25	12:45	8:50	11:00	11:05
Selected Metals	**CAS_RN**	**NJDEP GWQS**									
Arsenic (Method 6010B)	7440-38-2	8	(3.4) U	(6.4) U	(3.4) U	(3.4) U	(3.4) U	(3.4) U	6.8	(3.4) U	(3.4) U
Chromium (Method 200.7)	7440-47-3	100	5.4	(3.2) U	(2.8) U	(2.8) U	(2.8) U	4.6	13.7	(2.8) U	(2.8) U
Lead (Method 200.7)	7439-92-1	10	(2.2) U	(4.6) U	(2.2) U	(2.2) U	(2.2) U	(2.2) U	**13.2**	(2.2) U	(2.2) U

Field ID			**MW33A**	**MW34**	**MW35**	**MW36**	**MW37**	**MW38**	**MW39**	**RW11**	**TH36**
Lab ID			348225	348226	348229	348655	347681	347682	349144	349137	349616
Sample Date			5/1/02	5/1/02	5/2/02	5/6/02	4/30/02	4/30/02	5/8/02	5/8/02	5/9/02
Sample Time			10:30	14:30	12:40	15:15	11:20	14:45	15:20	0:00	13:55
Selected Metals	**CAS_RN**	**NJDEP GWQS**									
Arsenic (Method 6010B)	7440-38-2	8	(6.4) U	(6.4) U	(6.4) U	**14.8**	(3.4) U	(3.4) U	**13.5**	(3.4) U	**38.7**
Chromium (Method 200.7)	7440-47-3	100	7.0	6.2	3.8	29.8	(2.8) U	6.4	155	**118**	20.8
Lead (Method 200.7)	7439-92-1	10	4.6	6.1	(4.6) U	**51.2**	(2.2) U	(2.2) U	**114**	(2.2) U	**51.4**

NOTES:
All results are reported in micrograms per liter (µg/L).
Sample IDs ending in "P" indicate that it is a duplicate sample.
CAS_RN = Chemical Abstracts Service Registry Number
NJDEP GWQS = New Jersey Department of Environmental Protection Groundwater Quality Standards
U - Indicates that the analyte was not detected at the Method Detection Limit (MDL) shown in parenthesis.
ND = Not Detected
Bold indicates that the concentration exceeds the NJDEP GWQS.

FIGURES



Source: USGS 7.5' Topographic Quadrangle - Easton, NJ-PA 1954 - Photorevised 1981	Client: **Ingersoll Rand Company** Design/Review: GM/CV Scale: 1:24,000 Date: 07/22/02	Figure Title: **FIGURE 1** **USGS SITE LOCATION MAP** Ingersoll-Rand - Phillipsburg, New Jersey Project No.: 03710-153	ENSR INTERNATIONAL

J:\Projects\Ingersoll Rand\03710-153\CADD\site-loc.xls

LEGEND

- Landfill
- Pond
- Monitoring Well
- Recovery Well
- Production Well

NOTES:

LOCATIONS OF BASEMAP AND STRUCTURES SHOWN ARE BASED ON NJDEP'S 1995 DIGITAL ORTHOPHOTO QUADRANGELS IN NAD83, FEET.

WELL LOCATIONS ARE APPROXIMATE.

300 150 0 300
Scale in Feet

REVISIONS			
NO:	DESCRIPTION:	DATE:	BY:

DESIGNED BY: GM
DRAWN BY: VC
CHECKED BY:
APPROVED BY:

281 CENTENNIAL AVE
PISCATAWAY, NEW JERSEY 08854
PHONE: (732) 457-0500
FAX: (732) 457-0550
WEB: HTTP://WWW.ENSR.COM

SITE PLAN WITH MONITOR & RECOVERY WELL LOCATIONS

INGERSOLL RAND COMPANY
PHILLIPSBURG, NEW JERSEY

SCALE: AS SHOWN
DATE: 08/16/02
PROJECT NUMBER: 3710-153-2.1

FIGURE NUMBER: 2

SHEET NUMBER: 1 of 1

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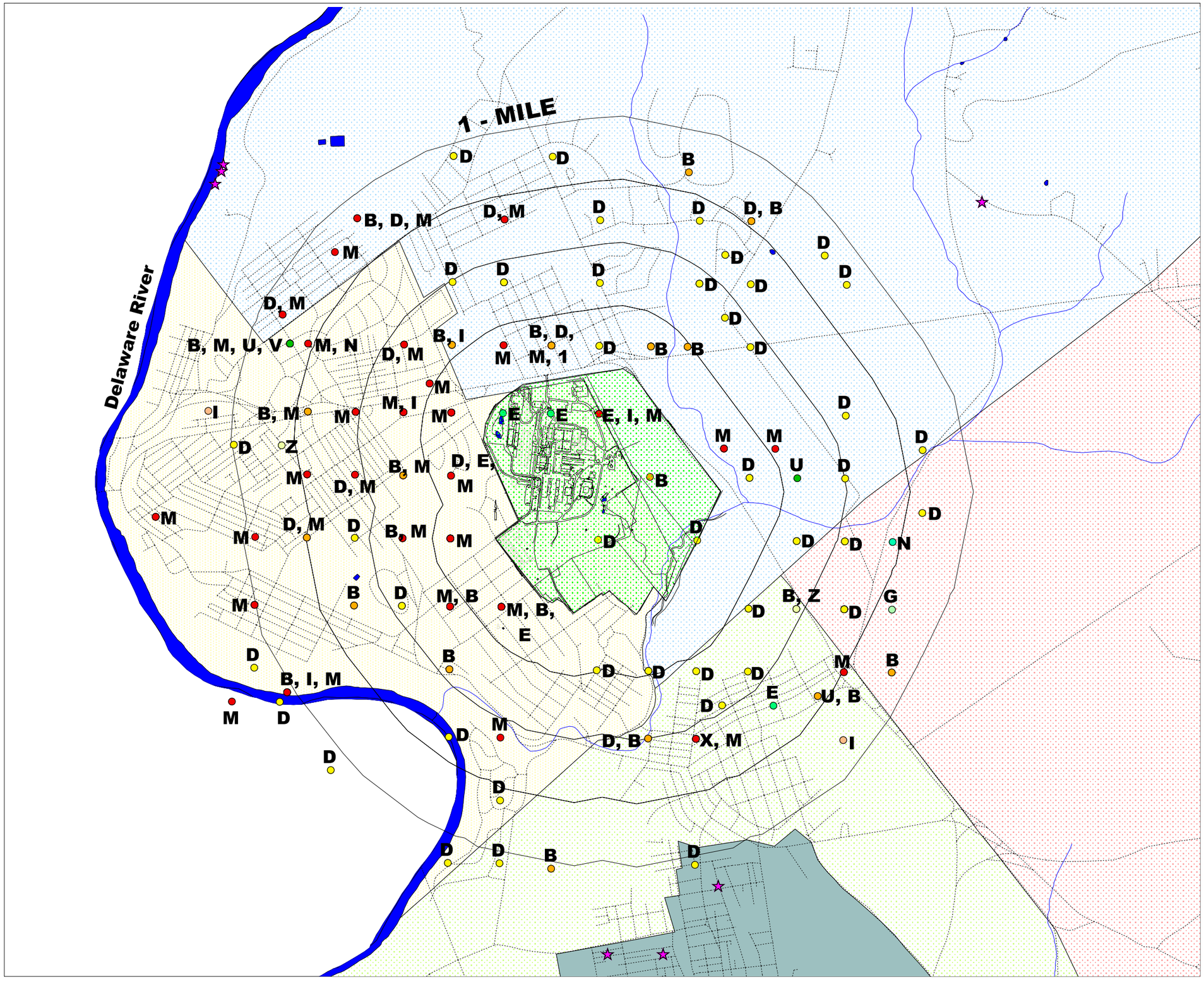
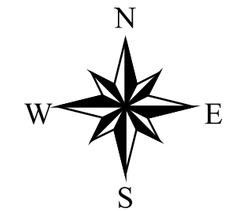




NOTES:
1 - This map was developed using New Jersey Department of Environmental Protection Geographic Information System Digital Data, but this secondary product has not been verified by NJDEP and is not state-authorized.
2 - Well locations are based on the Latitude/Longitude coordinates provided by NJDEP Bureau of Water Allocation. A cursory review of location data revealed large variation in accuracy. Several wells were plotted outside the extents of this map.

LEGEND

- Approximate Extent of Site (Radial spacing interval = 1/4-mile)
- Rivers and Streams
- Streets and Highways
- Public Community Water Supply Wells

Well Use Codes

- B - Boring
- D - Domestic
- E - Recovery/Decon
- G - Irrigation
- I - Industrial
- M - Monitoring/Observation
- N - Public Non Community
- U - Non Public
- V - Gas Vent
- X - Agricultural
- Z - Piezometer
- 1 - Domestic

0.25 0 0.25 0.5 0.75 Miles

ENSR International
281 Centennial Avenue
Piscataway, New Jersey 08854
Phone: (732) 457-0500
Fax: (732) 457-0550
Web: http:\\www.ensr.com

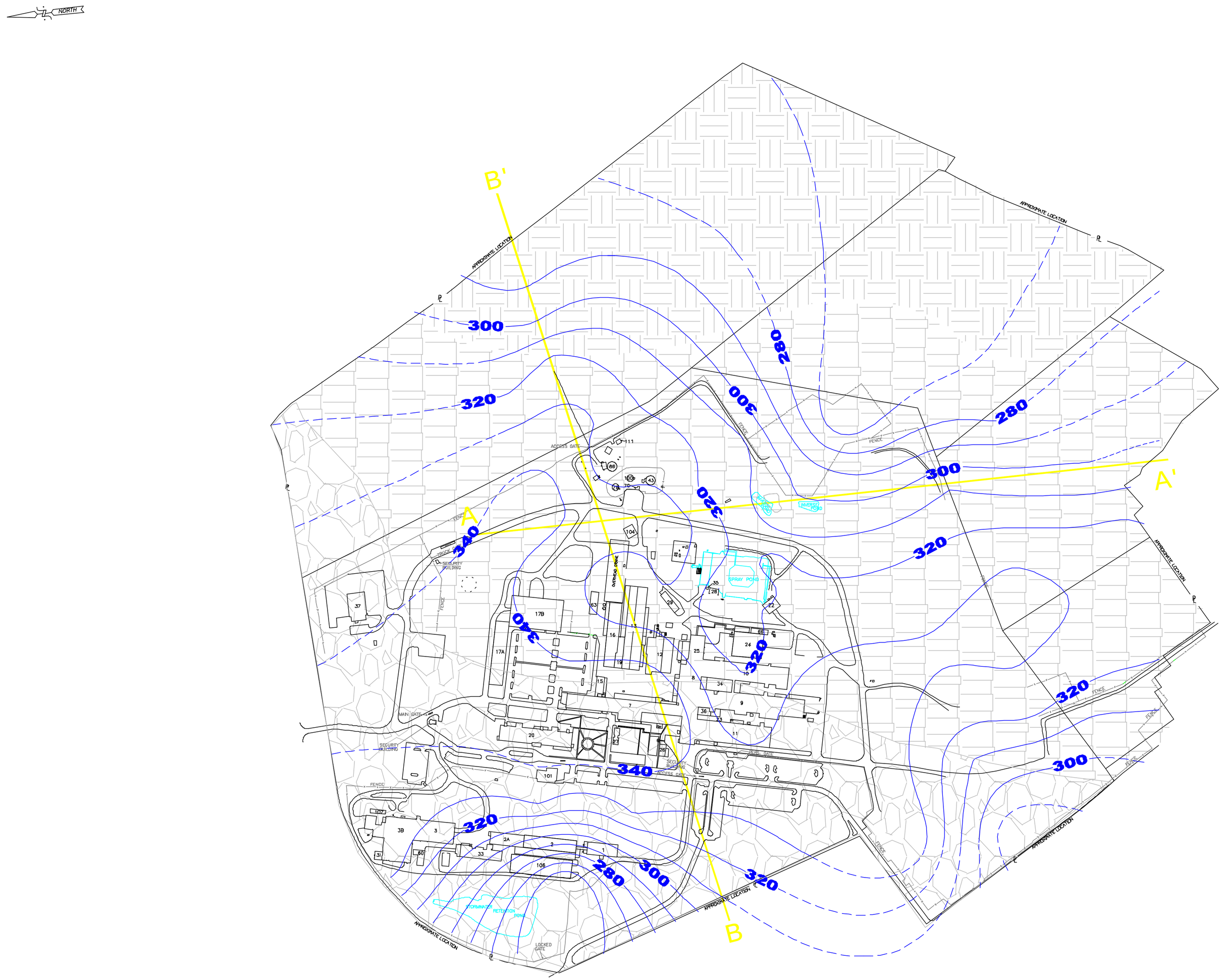
Figure 3

Well Search Summary Map

Ingersoll Rand Corp.
Phillipsburg, New Jersey

Design: GM	Date: 7/30/02	Checked: CV
Scale: 1:24,000	Project: 03710-153	Sheet: 1 of 1

J:\Project\Ingersoll Rand\03710-153\Well Search.apr



LEGEND

- Epler Formation - limestone/dolomite
- Rickenback Formation - dolomite
- Allentown Formation - dolomite
- Cross Sections (see Figure 5)
- Bedrock Topographic Contour Dashed where inferred (In Feet AMSL)
- Pond

NOTES:

LOCATIONS OF BASEMAP AND STRUCTURES SHOWN ARE BASED ON NJDEP'S 1995 DIGITAL ORTHOPHOTO QUADRANGELS IN NAD83, FEET.

BEDROCK CONTOUR GENERATED USING GOLDEN SOFTWARE'S SURVER V.7 BASED ON SITE WELL LOGS.

BEDROCK GEOLOGY SOURCE: NJDEP GIS RESOURCE CD-ROM Series 1 volume 3 (1996).

300 150 0 300
Scale in Feet

REVISIONS

NO.:	DESCRIPTION:	DATE:	BY:

DESIGNED BY: GM
DRAWN BY: \lc
CHECKED BY:
APPROVED BY:

ENSR
281 CENTENNIAL AVE
PISCATAWAY, NEW JERSEY 08854
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BEDROCK TOPOGRAPHIC CONTOUR MAP

INGERSOLL RAND COMPANY
PHILLIPSBURG, NEW JERSEY

SCALE: AS SHOWN
DATE: 08/12/02
PROJECT NUMBER: 3710-153-2.1

FIGURE NUMBER: 4

SHEET NUMBER: 1 of 1

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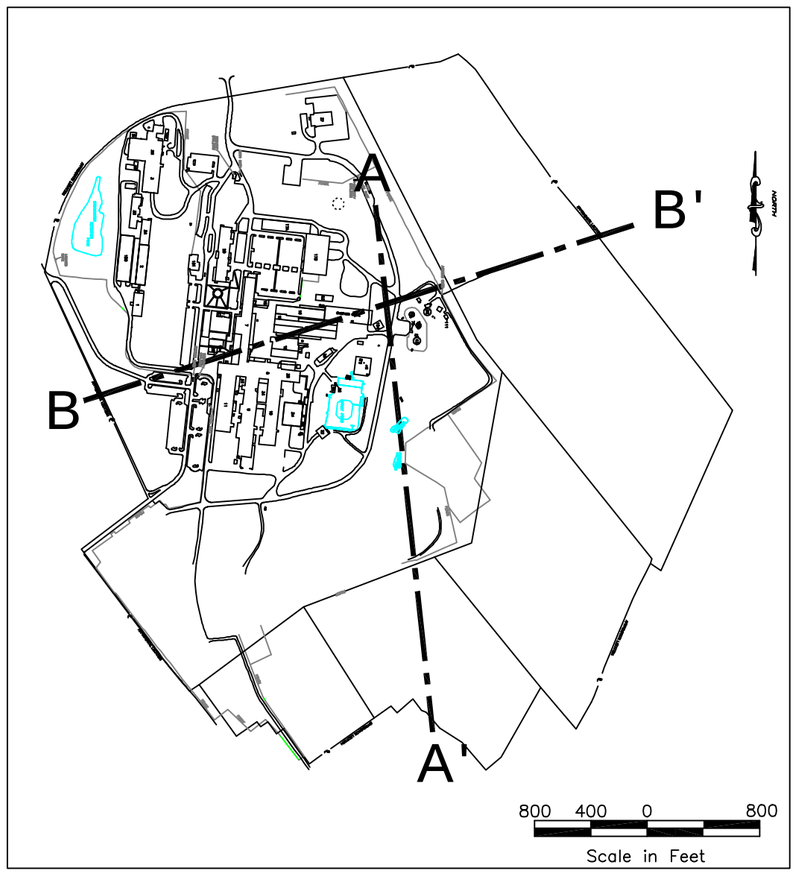

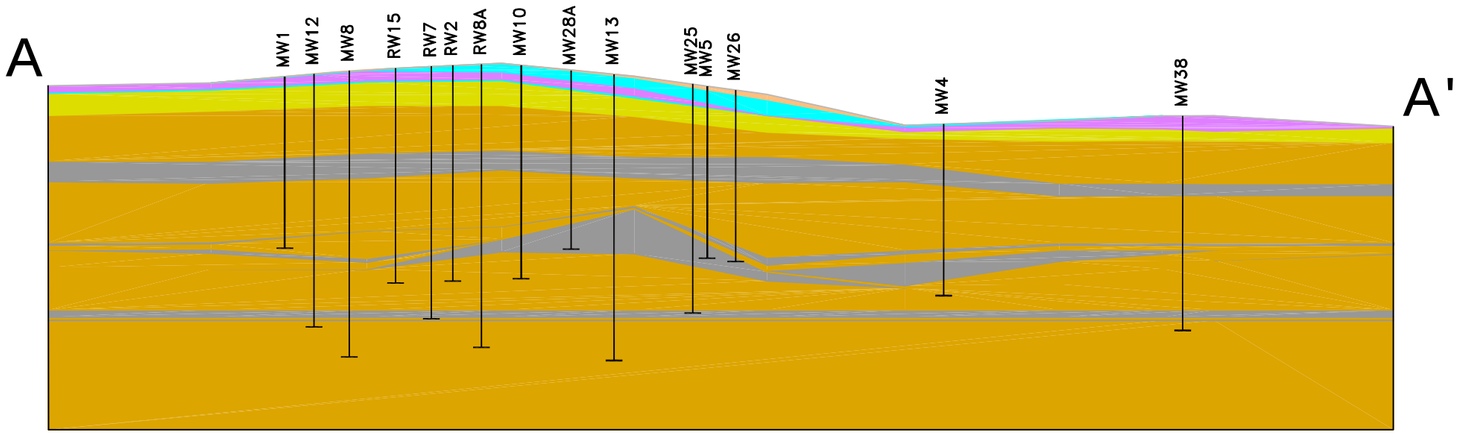

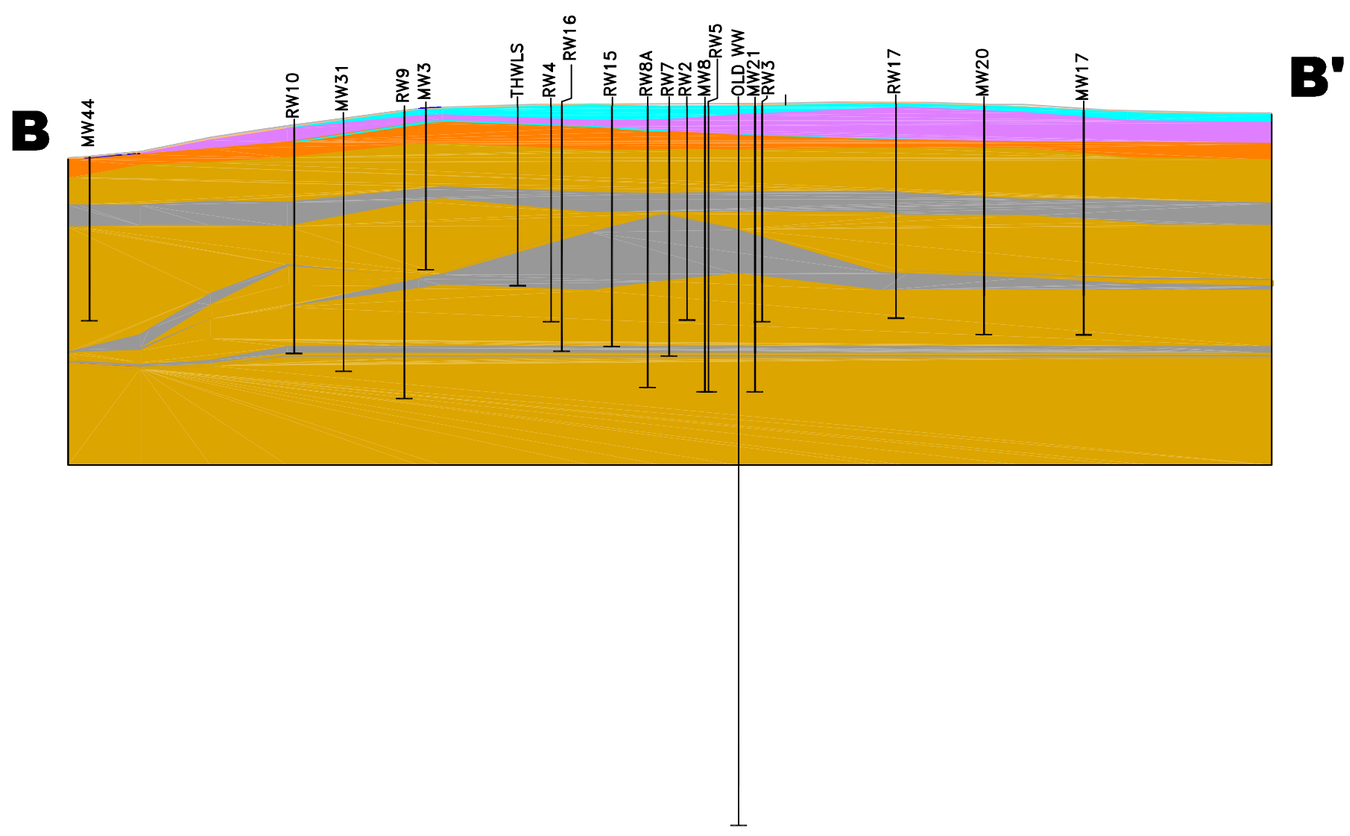

Legend

- Surface (Asphalt, Concrete, Topsoil)
- Overburden
- Fill
- Other Native Material
- Weathered Bedrock
- Possible Fracture Zone
- Bedrock (Dolomite)

NOTES:

CROSS-SECTIONS WERE GENERATED USING ENSR'S INTERPRETED GEOLOGIC DATABASE AND EVS® VERSION 5.75.

WELLS LOCATIONS ARE APPROXIMATE.

HORIZONTAL SCALE
Scale in Feet
0 250 500 1000

VERTICAL SCALE
Scale In Feet
0 50 100

FIGURE NUMBER: 5

SHEET NUMBER: 1 of 1

GEOLOGIC CROSS SECTIONS
INGERSOLL RAND
PHILLIPSBURG, NEW JERSEY

SCALE:	DATE:	PROJECT NUMBER:
AS SHOWN	11/18/02	03710-153

ENSR INTERNATIONAL
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PHONE: (732) 457-0500
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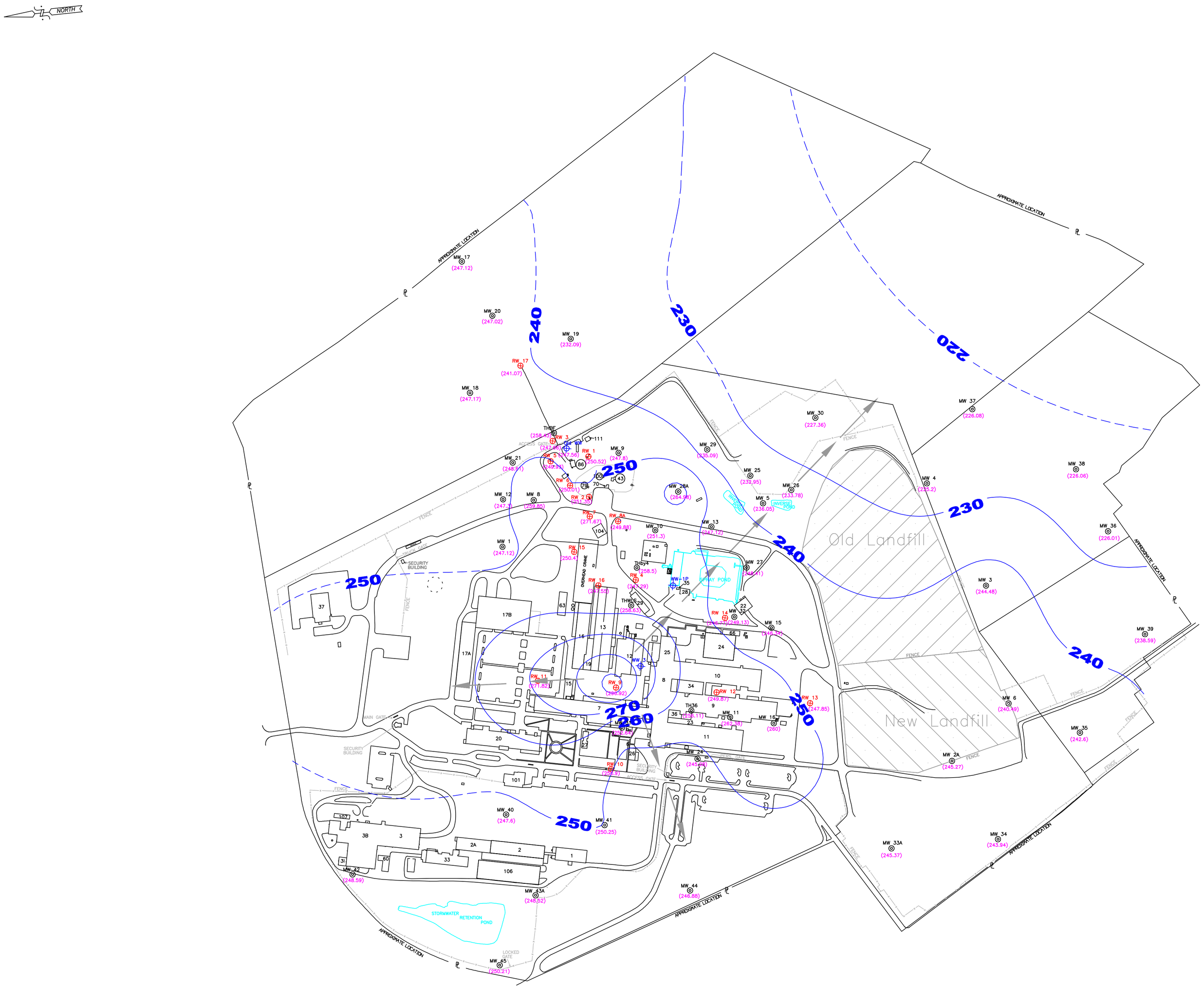
DESIGNED BY: WS
DRAWN BY: GM/jk
CHECKED BY:
APPROVED BY:

REVISIONS

NO.:	DESCRIPTION:	DATE:	BY:



LEGEND

- Landfill
- Monitoring Well
- Recovery Well
- Production Well (see notes)
- (247.12) Groundwater Elevation (ft)
- General Direction of Decreasing Groundwater Potential
- Groundwater Contour Dashed where infererd (In feet AMSL)
- Pond

NOTES:

LOCATIONS OF BASEMAP AND STRUCTURES SHOWN ARE BASED ON NJDEP'S 1995 DIGITAL ORTHOPHOTO QUADRANGELS IN NAD83, FEET.

OF THE THREE FORMER POTABLE WELLS (WW-1P, OLD WW, and WW-3) ONLY WW-1P IS ACTIVE.

ALL MAPPED WELL LOCATIONS ARE APPROXIMATE.

300 150 0 300
Scale in Feet

REVISIONS			
NO.:	DESCRIPTION:	DATE:	BY:

DESIGNED BY: GM
DRAWN BY: \lc
CHECKED BY:
APPROVED BY:

ENSR INTERNATIONAL
281 CENTENNIAL AVE
PISCATAWAY, NEW JERSEY 08854
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GROUNDWATER ELEVATION CONTOUR MAP
APRIL 2002

INGERSOLL RAND COMPANY
PHILLIPSBURG, NEW JERSEY

SCALE: AS SHOWN
DATE: 08/16/02
PROJECT NUMBER: 3710-153-2.1

FIGURE NUMBER: 6

SHEET NUMBER: 1 of 1

Piscataway on 'bdc-Piscataway(J):Project/Ingersoll Rand/03710-153/Cadd/GW Contour(1)

LEGEND

- Landfill
- Monitoring Well
- Recovery Well
- Production Well
- (5.77) March 2002 Product Thickness (ft)
- Area of Product Impact
- Pond

NOTES:

LOCATIONS OF BASEMAP AND STRUCTURES SHOWN ARE BASED ON NJDEP'S 1995 DIGITAL ORTHOPHOTO QUADRANGLES IN NAD83, FEET.

LOCATIONS WITH NO DATA PRESENTED HAD NO MEASURABLE PRODUCT.

ALL WELL LOCATIONS ARE APPROXIMATE.

REVISIONS			
NO.:	DESCRIPTION:	DATE:	BY:

DESIGNED BY: GM
DRAWN BY: VC
CHECKED BY:
APPROVED BY:

ENSR INTERNATIONAL
281 CENTENNIAL AVE
PISCATAWAY, NEW JERSEY 08854
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WEB: HTTP://WWW.ENSR.COM

AREA OF PRODUCT IMPACT - MARCH 2002

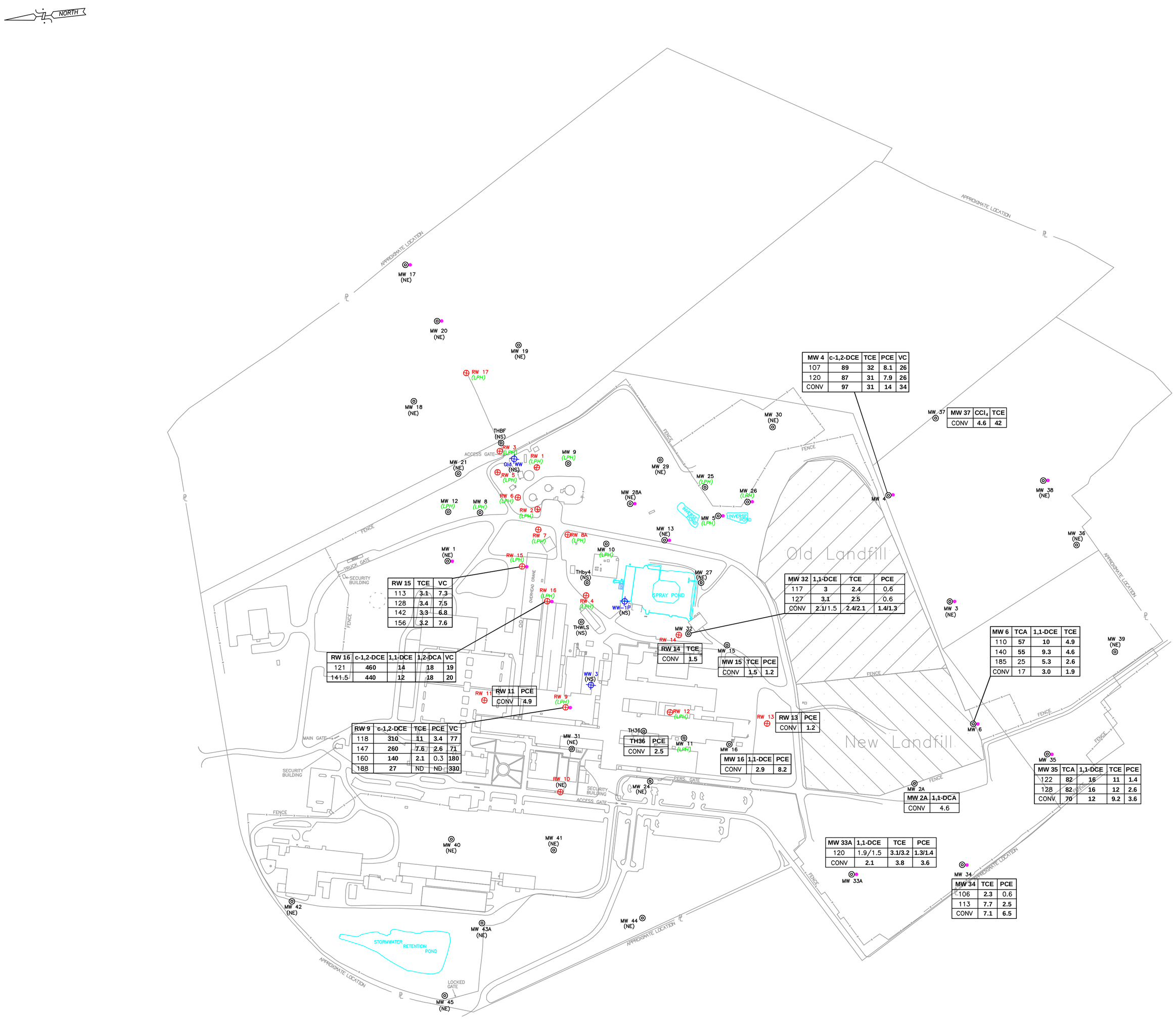
INGERSOLL RAND COMPANY
PHILLIPSBURG, NEW JERSEY

SCALE: AS SHOWN
DATE: 11/15/02
PROJECT NUMBER: 3710-153-2.1

FIGURE NUMBER: 7

SHEET NUMBER: 1 of 1

Piscataway on 'bds-Piscataway(J):Project/Ingersoll Rand/03710-153/Cadd/Product Thickness(2)



MW 4	c-1,2-DCE	TCE	PCE	VC
107	89	32	8.1	26
120	87	31	7.9	26
CONV	97	31	14	34

MW 37	CCl_4	TCE
CONV	4.6	42

RW 15	TCE	VC
113	3.1	7.3
128	3.4	7.5
142	3.3	6.8
156	3.2	7.6

RW 16	c-1,2-DCE	1,1-DCE	1,2-DCA	VC
121	460	14	18	19
141.5	440	12	18	20

RW 9	c-1,2-DCE	TCE	PCE	VC
118	310	11	3.4	77
147	260	7.6	2.6	71
160	140	2.1	0.3	180
188	27	ND	ND	330

RW 11	PCE
CONV	4.9

MW 32	1,1-DCE	TCE	PCE
117	3	2.4	0.6
127	3.1	2.5	0.6
CONV	2.1/1.5	2.4/2.1	1.4/1.3

RW 14	TCE
CONV	1.5

MW 15	TCE	PCE
CONV	1.5	1.2

MW 6	TCA	1,1-DCE	TCE
110	57	10	4.9
140	55	9.3	4.6
185	25	5.3	2.6
CONV	17	3.0	1.9

RW 13	PCE
CONV	1.2

TH36	PCE
CONV	2.5

MW 16	1,1-DCE	PCE
CONV	2.9	8.2

MW 35	TCA	1,1-DCE	TCE	PCE
122	82	16	11	1.4
128	82	16	12	2.6
CONV	70	12	9.2	3.6

MW 2A	1,1-DCA
CONV	4.6

MW 33A	1,1-DCE	TCE	PCE
120	1.9/1.5	3.1/3.2	1.3/1.4
CONV	2.1	3.8	3.6

MW 34	TCE	PCE
106	2.3	0.6
113	7.7	2.5
CONV	7.1	6.5

LEGEND

- Landfill
- Monitoring Well
- Recovery Well
- Production Well
- PDB Samples Collected
- Pond

NOTES:

ORIGINAL BASE MAP WAS DRAWN IN THE NJSP NAD27 DATUM. THE BASE MAP WAS MOVED TO NAD83 COORDINATES BASED ON NJDEP'S 1995 DIGITAL ORTHOPHOTO QUADRANGLE.

MAPPED WELL LOCATIONS ARE APPROXIMATE.

RESULTS REVIEWED FOR THE PRODUCTION OF THIS MAP INCLUDE TPHC, VOC AND BNs. RESULTS ARE ONLY SHOWN FOR COMPOUNDS EXCEEDING GWQS.

KEY

(NE) No Exceedances

(NS) Not Sampled

(LPH) Liquid Phase Hydrocarbon Detected - No Conventional Sample Collected

Analyte

Well ID	MW 4	TCE	PCE
PDB Sample Depth	107	**11**	**1.4**
	120	**12**	**2.6**
Conventional Ground Water Sample	CONV	**9.2**	**3.6**

Results in ug/L. **Bold** indicates exceedance of NJDEP Ground Water Quality Standards (GWQS).

ANALYTES:

		GWQS
CCl_4	Carbon Tetrachloride	2
1,1–DCA	1,1–Dichloroethane	50
1,2–DCA	1,2–Dichloroethane	2
1,1–DCE	1,1–Dichloroethene	2
c–1,2–DCE	cis–1,2–Dichloroethene	70
TCA	1,1,1–Trichloroethane	30
TCE	Trichloroethylene	1
PCE	Tetrachloroethene	1
VC	Vinyl Chloride	5

300 150 0 300
Scale in Feet

REVISIONS			
NO.	DESCRIPTION:	DATE:	BY:

DESIGNED BY: GM
DRAWN BY: VC
CHECKED BY:
APPROVED BY:

ENSR INTERNATIONAL
281 CENTENNIAL AVE
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SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (APRIL - MAY 2002): ORGANIC COMPOUNDS

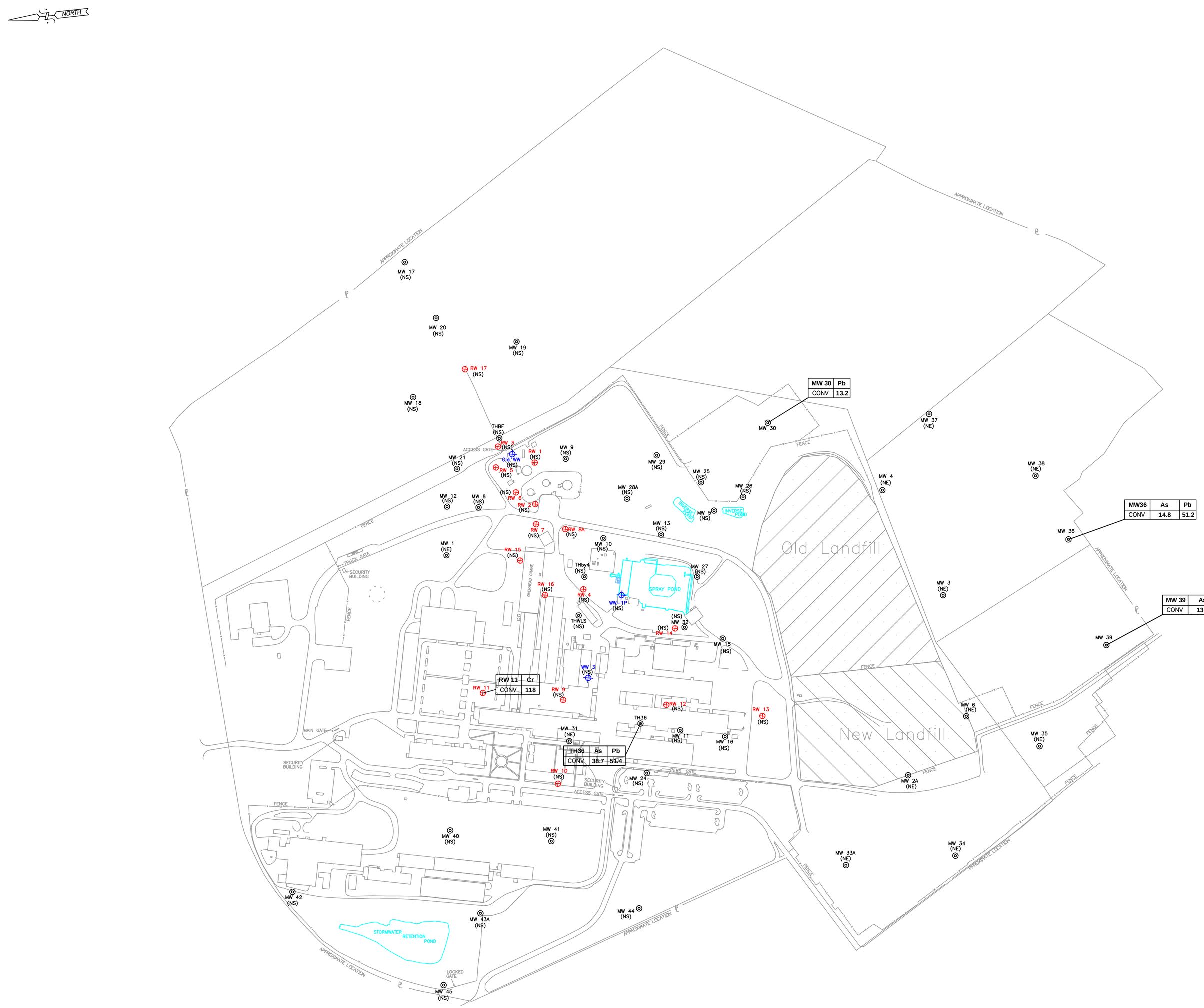
INGERSOLL RAND COMPANY
PHILLIPSBURG, NEW JERSEY

PROJECT NUMBER: 3710-153-2.1
DATE: 11/15/02
SCALE: AS SHOWN

FIGURE NUMBER: 8

SHEET NUMBER: 1 of 1

Plotdrawing on Sa/Plotdrawing/J:/Project/Ingersoll Rand/03710-153/Cadd/GW Results & Comps (1)



LEGEND

- Landfill
- Monitoring Well
- Recovery Well
- Production Well
- Pond

NOTES:

ORIGINAL BASE MAP WAS DRAWN IN THE NJSP NAD27 DATUM. THE BASE MAP WAS MOVED TO NAD83 COORDINATES BASED ON NJDEP'S 1995 DIGITAL ORTHOPHOTO QUADRANGLE.

MAPPED WELL LOCATIONS ARE APPROXIMATE.

RESULTS ARE ONLY SHOWN FOR ANALYTES EXCEEDING THE GWQS.

KEY

(NE) No Exceedances

(NS) Not Sampled

Analyte

Well ID	MW 39	As	Cr	Lb
Conventional Ground Water Sample	CONV	13.5	15.5	114

Results in ug/L. **Bold** indicates exceedance of NJDEP Ground Water Quality Standards (GWQS).

ANALYTES:		GWQS
As	ARSENIC	8
Cr	CHROMIUM	100
Lb	LEAD	10

NOTE: SAMPLES WERE ANALYZED FOR As, Cr & Pb ONLY.

300 150 0 300
Scale in Feet

REVISIONS			
NO.:	DESCRIPTION:	DATE:	BY:

DESIGNED BY: GM
DRAWN BY: Vc
CHECKED BY:
APPROVED BY:

ENSR INTERNATIONAL
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PHONE: (732) 457-0500
FAX: (732) 457-0550
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SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (APRIL-MAY 2002): METALS

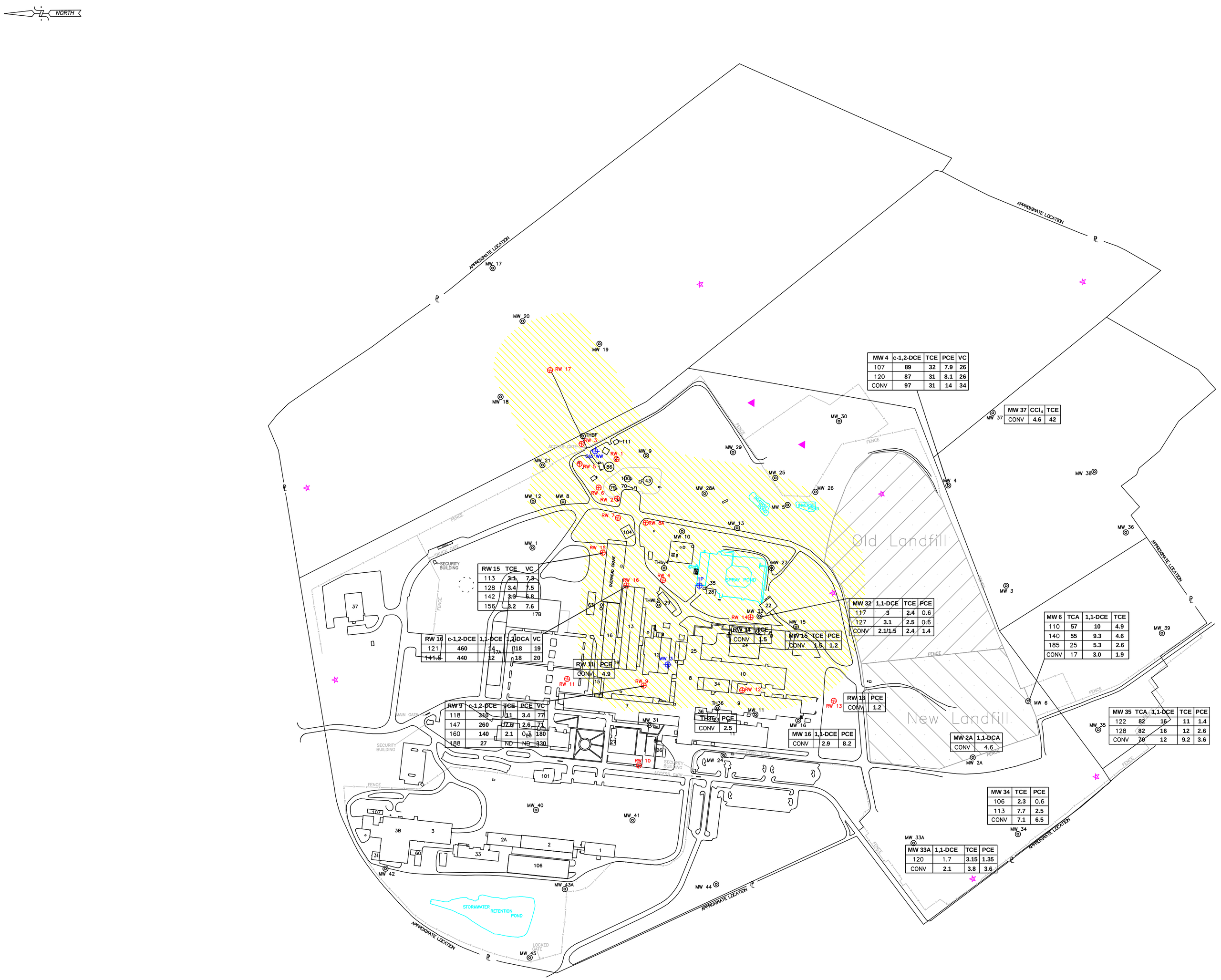
INGERSOLL RAND COMPANY
PHILLIPSBURG, NEW JERSEY

SCALE: AS SHOWN
DATE: 11/18/02
PROJECT NUMBER: 3710-153-2.1

FIGURE NUMBER: 9

SHEET NUMBER: 1 of 1

Plotdate=by on 'G:\Plotdaway\J:\Project\Ingersoll Rand\03710-153\Cadd\GW Results Metals (1)



LEGEND

- Landfill
- Pond
- Monitoring Well
- Recovery Well
- Production Well
- Proposed Well Location
- Newly Installed Wells
- Area of NAPL Impact

NOTES:

LOCATIONS OF BASEMAP AND STRUCTURES SHOWN ARE BASED ON NJDEP'S 1995 DIGITAL ORTHOPHOTO QUADRANGELS IN NAD83, FEET.

WELL LOCATIONS ARE APPROXIMATE.

NEW WELLS WERE INSTALLED FOR THE TOWN OF PHILLIPSBURG.

KEY

Analyte

Well ID	MW 4	TCE	PCE
PDB Sample Depth	107	**11**	**1.4**
	120	**12**	**2.6**
Conventional Ground Water Sample	CONV	**9.2**	**3.6**

Results in ug/L. **Bold** indicates exceedance of NJDEP Ground Water Quality Standards (GWQS).

ANALYTES:

		GWQS
CCl_4	Carbon Tetrachloride	2
1,1–DCA	1,1–Dichloroethane	50
1,2–DCA	1,2–Dichloroethane	2
1,1–DCE	1,1–Dichloroethene	2
c–1,2–DCE	cis–1,2–Dichloroethene	70
TCA	1,1,1–Trichloroethane	30
TCE	Trichloroethylene	1
PCE	Tetrachloroethene	1
VC	Vinyl Chloride	5

300 150 0 300
Scale in Feet

REVISIONS			
NO.:	DESCRIPTION:	DATE:	BY:

DESIGNED BY: GM
DRAWN BY: VC
CHECKED BY:
APPROVED BY:

ENSR INTERNATIONAL
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PHONE: (732) 457-0500
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WEB: HTTP://WWW.ENSR.COM

PROPOSED MONITORING WELL LOCATIONS

INGERSOLL RAND COMPANY
PHILLIPSBURG, NEW JERSEY

SCALE: AS SHOWN
DATE: 11/18/02
PROJECT NUMBER: 3710–153–2.1

FIGURE NUMBER: 10

SHEET NUMBER: 1 of 1

Piscataway on \\pi\Piscataway(J)\Project\Ingersoll Rand\3710-153\Cad\Proposed_Wells (1)

APPENDIX A

Summary of Historic Product Recovery Data

APPENDIX A
SUMMARY OF HISTORIC REMEDIAL SYSTEM GROUNDWATER WITHDRAWAL AND PRODUCT RECOVERY
Ingersoll-Rand Company
Phillipsburg, New Jersey

GROUNDWATER WITHDRAWAL RECORDS

YEAR	Well ID									ANNUAL TOTALS
	RW-1	RW-2	RW-3	RW-4	RW-5	RW-6	RW-7	RW-8/8A	RW-17	
1990+	361,400	120,600	215,100	5,711,800	1,450,000	25,700	18,800	3,600	NA	**7,907,000**
1991	400,300	117,500	824,900	10,354,200	3,172,300	693,900	54,900	578,300	NA	**16,196,300**
1992	44,800	173,000	449,600	2,857,300	2,002,400	652,400	67,900	2,634,500	NA	**8,881,900**
1993	57,900	457,200	837,400	7,021,800	2,388,800	769,000	83,200	2,222,300	NA	**13,837,600**
1994	537,900	687,700	862,500	10,072,700	2,650,900	1,053,900	29,100	1,848,500	NA	**17,743,200**
1995	221,700	835,800	771,300	2,792,500	1,829,100	648,800	0	833,900	1,051,400	**8,984,500**
1996	734,800	1,241,300	1,165,000	13,156,800	2,795,700	705,200	0	1,693,200	1,046,000	**22,538,000**
1997	429,100	706,100	624,800	7,419,700	2,897,100	415,800	0	619,100	742,400	**13,854,100**
1998	226,400	958,400	502,900	8,134,500	2,084,300	1,093,200	0	1,025,700	665,900	**14,691,300**
1999	102,800	449,400	763,900	2,266,800	1,532,900	435,700	0	992,200	457,900	**7,001,600**
2000	164,700	633,600	553,500	2,077,600	463,500	237,800	0	564,500	375,500	**5,070,700**
2001	155,911	336,478	35,800	1,264,858	1,392,592	46,800	0	148,600	268,725	**3,649,764**
2002^	3,556	41,637	0	3,273	38,389	0	0	0	0	**86,855**
WELL TOTALS	**3,441,267**	**6,758,715**	**7,606,700**	**73,133,831**	**24,697,981**	**6,778,200**	**253,900**	**13,164,400**	**4,607,825**	**TOTAL: 140,442,819**

PRODUCT RECOVERY RECORDS

YEAR	Well ID									ANNUAL TOTALS
	RW-1	RW-2	RW-3	RW-4	RW-5	RW-6	RW-7	RW-8/8A	RW-17	
1987*	333	334	333	NA	NA	NA	NA	NA	NA	**1000**
1988	921	1,441	1,383	557	NA	NA	NA	NA	NA	**4,302**
1989	316	577	470	992	3,009	60	0	1,517	NA	**6,941**
1990	186	1,392	142	3,274	965	147	1,040	1,873	NA	**9,019**
1991	21	336	51	937	931	387	134	1,298	NA	**4,095**
1992	3	316	152	104	383	247	21	652	673	**2,551**
1993	72	196	169	91	351	86	9	199	425	**1,598**
1994	52	58	32	161	177	14	0	57	237	**788**
1995	7	3	78	3	181	30	0	20	72	**394**
1996	33	0	7	0	59	3	0	10	35	**147**
1997	2	0	37	4	239	4	0	3	7	**296**
1998	13	6	32	1	124	25	0	5	15	**221**
1999	2	23	17	1	32	3	0	158	25	**261**
2000	0	74	4	0	44	0	0	45	30	**197**
2001	0	20	4	0	0	10	0	0	0	**34**
2002^	0	17	0	0	0	0	0	21	28	**66**
WELL TOTALS	**1,961**	**4,793**	**2,911**	**6,125**	**6,495**	**1,016**	**1,204**	**5,858**	**1,547**	**TOTAL: 34,060**

NOTES:

All values are reported in gallons.

+ Flow Totalizers installed May 1990. Groundwater was pumped since 1987, but no data on volumes pumped is available at this time

* Product was recovered from RW-1, RW-2, and RW-3 in 1987. The total recovery in 1987 is 1000 gallons. Specific volumes from each well are not known at this time.

^ - 2002 Data listed is for January through June 2002.

Oil-Water separation tanks were installed in Nov-Dec 1990. These were cleaned June 1993 and May 2002. Approximately 2000 gallons product recovered. This added to total recovery value.

Over the course of the program, the following additional product recoveries were noted and added to the total product recovery value:

Oil Separation Tanks - 2000 gallons (approximate)
RW-16 - 106 gallons
RW-9 - 5 gallons
THby4 - 8 gallons
THBF - 2.5 gallons
MW-5 - 28.5 gallons

APPENDIX B

Summary of Historic Groundwater Analytical Data

APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,1,1-Trichloroethar	MW01	MW1	1/4/90	111372	(5.0)	U	ug/l
	MW01	MW1	1/9/91	126327	3.0	J	ug/l
	MW01	MW1	11/27/91	141868	(5.0)	U	ug/l
	MW01	MW1	5/12/92	149519	(5.0)	U	ug/l
	MW01	MW1	11/10/92	157615	(5.0)	U	ug/l
	MW01	MW1	5/12/93	166597	(5.0)	U	ug/l
	MW01	MW1	11/10/93	177617	(5.0)	U	ug/l
	MW01	MW1	5/10/94	187877	(1.0)	U	ug/l
	MW01	MW01A *	4/29/02	347417	(0.30)	U	ug/l
	MW01	MW01	4/30/02	347679	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW02	MW2	1/11/89	96943	(5.0)	U	ug/l
	MW02	MW2	1/9/91	126328	3.0	J	ug/l
1,1,1-Trichloroethar	MW02A	MW2A	1/4/90	111373	(5.0)	U	ug/l
	MW02A	MW2A RE	6/17/92	150826	(5.0)	U	ug/l
	MW02A	MW2A	9/9/92	154494	(5.0)	U	ug/l
	MW02A	MW2A	11/10/92	157616	(5.0)	U	ug/l
	MW02A	MW2A	5/12/93	166598	7.0		ug/l
	MW02A	MW2A	5/10/94	187878	30.0		ug/l
	MW02A	MW2A	6/9/99	92343003	18.0		ug/l
	MW02A	MW2A	5/2/02	348228	25.0		ug/l
1,1,1-Trichloroethar	MW03	MW3	1/11/89	96944	(5.0)	U	ug/l
	MW03	MW3	1/4/90	111374	(5.0)	U	ug/l
	MW03	MW3	1/10/91	126421	(5.0)	U	ug/l
	MW03	MW3	5/12/92	149520	(5.0)	U	ug/l
	MW03	MW3	9/2/92	154207	(5.0)	U	ug/l
	MW03	MW3	11/10/92	157617	(5.0)	U	ug/l
	MW03	MW3	5/12/93	166599	(5.0)	U	ug/l
	MW03	MW3	5/10/94	187879	(1.0)	U	ug/l
	MW03	MW3	6/9/99	92343004	(0.50)	U	ug/l
	MW03	MW03A *	4/29/02	347428	1.8		ug/l
	MW03	MW03	5/6/02	348653	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW04	MW4	1/11/89	96945	5.0		ug/l
	MW04	MW4	1/4/90	111375	(5.0)	U	ug/l
	MW04	MW4	1/10/91	126422	(5.0)	U	ug/l
	MW04	MW4	5/12/92	149521	(5.0)	U	ug/l
	MW04	MW4	9/2/92	154208	(5.0)	U	ug/l
	MW04	MW4	11/11/92	157671	(5.0)	U	ug/l
	MW04	MW4	5/13/93	166648	(5.0)	U	ug/l
	MW04	MW4	5/10/94	187880	(1.0)	U	ug/l
	MW04	MW4	6/9/99	92343005	(0.50)	U	ug/l
	MW04	MW04B *	4/29/02	347430	1.2		ug/l
	MW04	MW04A *	4/29/02	347429	1.2		ug/l

NOTES:

Q = Result Qualifiers

U - Indicates that the analyte was not detected at the concentration indicated in paren

J - Indicates that the analyte was detected at a concentration less than the MDL and is esti

* - Indicates that the sample was collected via a Passive Piffusion Bag sampler hung at specific depth in the

ug/l = micrograms per liter

APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,1,1-Trichloroethar	MW05	MW5	1/11/89	96946	(5.0)	U	ug/l
	MW05	MW5	1/4/90	111376	(5.0)	U	ug/l
	MW05	MW5	1/10/91	126423	(5.0)	U	ug/l
	MW05	MW5	5/18/92	149707	(5.0)	U	ug/l
	MW05	MW5	5/24/93	167356	(5.0)	U	ug/l
	MW05	MW5	5/17/94	188273	(1.0)	U	ug/l
	MW05	MW05A *	4/29/02	347423	(0.30)	U	ug/l
	MW05	MW05B *	4/29/02	347424	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW06	MW6	5/18/92	149708	(5.0)	U	mg/l
	MW06	MW6	9/2/92	154209	150		ug/l
	MW06	MW6	11/11/92	157672	91.0		ug/l
	MW06	MW6	5/13/93	166649	95.0		ug/l
	MW06	MW6	5/11/94	187955	80.0		ug/l
	MW06	MW6	6/9/99	92343002	33.0		ug/l
	MW06	MW06B *	4/29/02	347435	55.0		ug/l
	MW06	MW06C *	4/29/02	347436	25.0		ug/l
	MW06	MW06A *	4/29/02	347434	57.0		ug/l
	MW06	MW06	5/7/02	349141	17.0		ug/l
1,1,1-Trichloroethar	MW13	MW13	5/13/93	166650	(5.0)	U	ug/l
	MW13	MW13	11/10/93	177620	(5.0)	U	ug/l
	MW13	MW13	5/13/94	188143	(1.0)	U	ug/l
	MW13	MW13A *	4/29/02	347449	(0.30)	U	ug/l
	MW13	MW13AP *	4/29/02	347450	(0.30)	U	ug/l
	MW13	MW13	5/9/02	349622	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW15	RW15A *	4/29/02	347427	1.0		ug/l
	MW15	MW15	5/10/02	349626	3.8		ug/l
1,1,1-Trichloroethar	MW16	MW16	5/21/93	167273	17.0		ug/l
	MW16	MW16	11/11/93	177726	34.0		ug/l
	MW16	MW16	5/13/94	188144	19.0		ug/l
	MW16	MW16	5/3/02	348496	7.1		ug/l
1,1,1-Trichloroethar	MW17	MW17	5/14/93	166759	(5.0)	U	ug/l
	MW17	MW17Dup	11/10/93	177621	(5.0)	U	ug/l
	MW17	MW17	11/10/93	177618	(5.0)	U	ug/l
	MW17	MW17	5/11/94	187956	(1.0)	U	ug/l
	MW17	MW17B *	4/29/02	347445	(0.30)	U	ug/l
	MW17	MW17A *	4/29/02	347444	(0.30)	U	ug/l
	MW17	MW17C *	4/29/02	347446	(0.30)	U	ug/l
	MW17	MW17	5/6/02	348657	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW18	MW18	5/6/02	348659	(0.30)	U	ug/l

NOTES:

Q = Result Qualifiers

U - Indicates that the analyte was not detected at the concentration indicated in paren

J - Indicates that the analyte was detected at a concentration less than the MDL and is esti

* - Indicates that the sample was collected via a Passive Piffusion Bag sampler hung at specific depth in the

ug/l = micrograms per liter

APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,1,1-Trichloroethar	MW19	MW19	5/21/93	167272	(5.0)	U	ug/l
	MW19	MW19	11/10/93	177619	(5.0)	U	ug/l
	MW19	MW19	5/13/94	188145	(1.0)	U	ug/l
	MW19	MW19	5/7/02	349134	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW20	MW20A	4/29/02	347443	(0.30)	U	ug/l
	MW20	MW20	5/6/02	348658	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW21	MW21	5/24/93	167354	(5.0)	U	ug/l
	MW21	MW21	11/11/93	177727	(5.0)	U	ug/l
	MW21	MW21	5/17/94	188271	(1.0)	U	ug/l
	MW21	MW21	5/8/02	349136	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW24	MW24	5/7/02	349142	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW26	MW26D *	4/29/02	347421	(0.30)	U	ug/l
	MW26	MW26C *	4/29/02	347420	(0.30)	U	ug/l
	MW26	MW26A *	4/29/02	347418	(0.30)	U	ug/l
	MW26	MW26E *	4/29/02	347422	(0.30)	U	ug/l
	MW26	MW26B *	4/29/02	347419	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW27	MW27	5/9/02	349623	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW28	MW28AA *	4/29/02	347425	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW28A	MW28AB *	4/29/02	347426	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW29	MW29	5/8/02	349139	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW30	MW30	5/10/02	349618	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW31	MW31	5/9/02	349613	(0.30)	U	ug/l
	MW31	MW31P	5/9/02	349614	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW32	MW32B *	4/29/02	347448	8.5		ug/l
	MW32	MW32A *	4/29/02	347447	7.4		ug/l
	MW32	MW32	5/8/02	349145	8.1		ug/l
1,1,1-Trichloroethar	MW33A	MW33A	6/11/99	92394002	11.0		ug/l
	MW33A	MW33AA *	4/29/02	347441	3.5		ug/l
	MW33A	MW33AP *	4/29/02	347442	3.4		ug/l
	MW33A	MW33A	5/1/02	348225	4.3		ug/l
1,1,1-Trichloroethar	MW34	MW34	6/11/99	92394003	3.6		ug/l
	MW34	MW34B *	4/29/02	347438	4.6		ug/l
	MW34	MW34A *	4/29/02	347437	1.7		ug/l
	MW34	MW34	5/1/02	348226	4.2		ug/l
1,1,1-Trichloroethar	MW35	MW35	6/11/99	92394004	210		ug/l
	MW35	MW35A *	4/29/02	347439	82.0		ug/l
	MW35	MW35B *	4/29/02	347440	82.0		ug/l
	MW35	MW35	5/2/02	348229	70.0		ug/l
1,1,1-Trichloroethar	MW36	MW36	6/16/99	92459001	(0.50)	U	ug/l
	MW36	MW36	5/6/02	348655	(0.30)	U	ug/l

NOTES:

Q = Result Qualifiers

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,1,1-Trichloroethar	MW37	MW37	6/16/99	92459002	(0.50)	U	ug/l
	MW37	MW37	4/30/02	347681	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW38	MW38	6/16/99	92459003	(0.50)	U	ug/l
	MW38	MW38C *	4/29/02	347433	(0.30)	U	ug/l
	MW38	MW38A *	4/29/02	347431	(0.30)	U	ug/l
	MW38	MW38B *	4/29/02	347432	(0.30)	U	ug/l
	MW38	MW38	4/30/02	347682	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW39	MW39	6/18/99	92495001	(0.50)	U	ug/l
	MW39	MW39	5/8/02	349144	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW40	MW40	5/2/00	201708	(0.30)	U	ug/l
	MW40	MW40	5/3/02	348494	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW41	MW41	5/2/00	201709	2.1		ug/l
	MW41	MW41	5/10/02	349619	1.0		ug/l
1,1,1-Trichloroethar	MW42	MW42	5/2/00	201710	(0.30)	U	ug/l
	MW42	MW42	5/3/02	348491	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW43A	MW43A	5/2/00	201711	(0.30)	U	ug/l
	MW43A	MW43A	5/3/02	348493	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW44	MW44	5/2/00	201712	(0.30)	U	ug/l
	MW44	MW44	5/2/02	348230	(0.30)	U	ug/l
1,1,1-Trichloroethar	MW45	MW45	5/2/00	201713	(0.30)	U	ug/l
	MW45	MW45	5/3/02	348492	(0.30)	U	ug/l
1,1,1-Trichloroethar	RW01	RW1	8/23/89	105947	(5.0)	U	ug/l
	RW01	RW1 B	5/4/90	116209	(5.0)	U	ug/l
	RW01	RW1	5/4/90	116208	3.0	J	ug/l
1,1,1-Trichloroethar	RW02	RW2	8/23/89	105948	(5.0)	U	ug/l
1,1,1-Trichloroethar	RW04	RW4	11/8/91	140780	(10000)	U	ug/l
	RW04	MW04	5/6/02	348654	1.2		ug/l
1,1,1-Trichloroethar	RW05	RW5	8/23/89	105949	(5.0)	U	ug/l
	RW05	RW5	11/8/91	140781	(25.0)	U	ug/l
1,1,1-Trichloroethar	RW06	RW6	8/23/89	105950	(5.0)	U	ug/l
1,1,1-Trichloroethar	RW09	RW09B *	4/29/02	347414	(0.50)	U	ug/l
	RW09	RW09D *	4/29/02	347416	(1.3)	U	ug/l
	RW09	RW09C *	4/29/02	347415	(0.30)	U	ug/l
	RW09	RW09A *	4/29/02	347413	(0.50)	U	ug/l
1,1,1-Trichloroethar	RW10	RW10	5/9/02	349615	3.9		ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,1,1-Trichloroethar	RW11	RW11	12/2/91	141900	(5.0)	U	ug/l
	RW11	RW11	5/13/92	150810	25.0		ug/l
	RW11	RW11	9/9/92	154495	27.0		ug/l
	RW11	RW11	11/11/92	157673	18.0		ug/l
	RW11	RW11	5/24/93	167355	10.0		ug/l
	RW11	RW11	11/11/93	177725	7.0		ug/l
	RW11	RW11	5/11/94	187957	(1.0)	U	ug/l
	RW11	RW11	5/8/02	349137	(0.30)	U	ug/l
1,1,1-Trichloroethar	RW13	RW13	6/11/99	92394001	5.4		ug/l
	RW13	RW13	5/3/02	348495	2.8		ug/l
1,1,1-Trichloroethar	RW14	RW14	12/2/91	141899	31.0		ug/l
	RW14	RW14	5/13/92	150808	10.0		ug/l
	RW14	RW14	9/9/92	154497	(5.0)	U	ug/l
	RW14	RW14	11/13/92	157929	7.0		ug/l
	RW14	RW14	5/10/02	349625	5.1		ug/l
1,1,1-Trichloroethar	RW15	RW15D *	4/29/02	347410	0.90		ug/l
	RW15	RW15B *	4/29/02	347408	1.0		ug/l
	RW15	RW15C *	4/29/02	347409	1.0		ug/l
1,1,1-Trichloroethar	RW16	X16	4/26/91	130652	290		ug/l
	RW16	RW16B *	4/29/02	347412	88.0		ug/l
	RW16	RW16A *	4/29/02	347411	96.0		ug/l
1,1,1-Trichloroethar	RW32	MW32P	5/8/02	349146	7.6		ug/l
1,1,1-Trichloroethar	TH36	TH36	12/31/91	143553	5.0	J	ug/l
	TH36	TH36	5/13/92	150809	9.0		ug/l
	TH36	TH36	9/9/92	154496	7.0		ug/l
	TH36	TH36	11/13/92	157930	4.0	J	ug/l
	TH36	TH36	5/13/93	167353	7.0		ug/l
	TH36	TH36	11/11/93	177724	7.00		ug/l
	TH36	TH36	5/17/94	188272	4.0		ug/l
	TH36	TH36	5/9/02	349616	2.3		ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,1,2,2-Tetrachloroetha	MW01	MW1	1/4/90	111372	(5.0)	U	ug/l
	MW01	MW1	1/9/91	126327	(5.0)	U	ug/l
	MW01	MW1	11/27/91	141868	(5.0)	U	ug/l
	MW01	MW1	5/12/92	149519	(5.0)	U	ug/l
	MW01	MW1	11/10/92	157615	(5.0)	U	ug/l
	MW01	MW1	5/12/93	166597	(5.0)	U	ug/l
	MW01	MW1	11/10/93	177617	(5.0)	U	ug/l
	MW01	MW1	5/10/94	187877	(1.0)	U	ug/l
	MW01	MW01A *	4/29/02	347417	(0.30)	U	ug/l
	MW01	MW01	4/30/02	347679	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW02	MW2	1/11/89	96943	(5.0)	U	ug/l
	MW02	MW2	1/9/91	126328	(5.0)	U	ug/l
1,1,2,2-Tetrachloroetha	MW02A	MW2A	1/4/90	111373	(5.0)	U	ug/l
	MW02A	MW2A RE	6/17/92	150826	(5.0)	U	ug/l
	MW02A	MW2A	9/9/92	154494	(5.0)	U	ug/l
	MW02A	MW2A	11/10/92	157616	(5.0)	U	ug/l
	MW02A	MW2A	5/12/93	166598	(5.0)	U	ug/l
	MW02A	MW2A	5/10/94	187878	(1.0)	U	ug/l
	MW02A	MW2A	6/9/99	92343003	(0.46)	U	ug/l
	MW02A	MW2A	5/2/02	348228	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW03	MW3	1/11/89	96944	(5.0)	U	ug/l
	MW03	MW3	1/4/90	111374	(5.0)	U	ug/l
	MW03	MW3	1/10/91	126421	(5.0)	U	ug/l
	MW03	MW3	5/12/92	149520	(5.0)	U	ug/l
	MW03	MW3	9/2/92	154207	(5.0)	U	ug/l
	MW03	MW3	11/10/92	157617	30.0		ug/l
	MW03	MW3	5/12/93	166599	(5.0)	U	ug/l
	MW03	MW3	5/10/94	187879	(1.0)	U	ug/l
	MW03	MW3	6/9/99	92343004	(0.46)	U	ug/l
	MW03	MW03A *	4/29/02	347428	(0.30)	U	ug/l
	MW03	MW03	5/6/02	348653	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW04	MW4	1/11/89	96945	(5.0)	U	ug/l
	MW04	MW4	1/4/90	111375	(5.0)	U	ug/l
	MW04	MW4	1/10/91	126422	(5.0)	U	ug/l
	MW04	MW4	5/12/92	149521	(5.0)	U	ug/l
	MW04	MW4	9/2/92	154208	(5.0)	U	ug/l
	MW04	MW4	11/11/92	157671	(5.0)	U	ug/l
	MW04	MW4	5/13/93	166648	(5.0)	U	ug/l
	MW04	MW4	5/10/94	187880	(1.0)	U	ug/l
	MW04	MW4	6/9/99	92343005	(0.46)	U	ug/l
	MW04	MW04B *	4/29/02	347430	(0.30)	U	ug/l
	MW04	MW04A *	4/29/02	347429	(0.30)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,1,2,2-Tetrachloroetha	MW05	MW5	1/11/89	96946	(5.0)	U	ug/l
	MW05	MW5	1/4/90	111376	(5.0)	U	ug/l
	MW05	MW5	1/10/91	126423	(5.0)	U	ug/l
	MW05	MW5	5/18/92	149707	(5.0)	U	ug/l
	MW05	MW5	5/24/93	167356	(5.0)	U	ug/l
	MW05	MW5	5/17/94	188273	(2.0)	U	ug/l
	MW05	MW05B *	4/29/02	347424	(0.30)	U	ug/l
	MW05	MW05A *	4/29/02	347423	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW06	MW6	5/18/92	149708	(5.0)	U	mg/l
	MW06	MW6	9/2/92	154209	(5.0)	U	ug/l
	MW06	MW6	11/11/92	157672	(5.0)	U	ug/l
	MW06	MW6	5/13/93	166649	(5.0)	U	ug/l
	MW06	MW6	5/11/94	187955	(1.0)	U	ug/l
	MW06	MW6	6/9/99	92343002	(0.46)	U	ug/l
	MW06	MW06A *	4/29/02	347434	(0.30)	U	ug/l
	MW06	MW06B *	4/29/02	347435	(0.30)	U	ug/l
	MW06	MW06C *	4/29/02	347436	(0.30)	U	ug/l
	MW06	MW06	5/7/02	349141	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW13	MW13	5/13/93	166650	(5.0)	U	ug/l
	MW13	MW13	11/10/93	177620	(5.0)	U	ug/l
	MW13	MW13	5/13/94	188143	(1.0)	U	ug/l
	MW13	MW13AP *	4/29/02	347450	(0.30)	U	ug/l
	MW13	MW13A *	4/29/02	347449	(0.30)	U	ug/l
	MW13	MW13	5/9/02	349622	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW15	RW15A *	4/29/02	347427	(0.30)	U	ug/l
	MW15	MW15	5/10/02	349626	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW16	MW16	5/21/93	167273	(5.0)	U	ug/l
	MW16	MW16	11/11/93	177726	(5.0)	U	ug/l
	MW16	MW16	5/13/94	188144	(1.0)	U	ug/l
	MW16	MW16	5/3/02	348496	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW17	MW17	5/14/93	166759	(5.0)	U	ug/l
	MW17	MW17	11/10/93	177618	(5.0)	U	ug/l
	MW17	MW17Dup	11/10/93	177621	(5.0)	U	ug/l
	MW17	MW17	5/11/94	187956	(1.0)	U	ug/l
	MW17	MW17A *	4/29/02	347444	(0.30)	U	ug/l
	MW17	MW17C *	4/29/02	347446	(0.30)	U	ug/l
	MW17	MW17B *	4/29/02	347445	(0.30)	U	ug/l
	MW17	MW17	5/6/02	348657	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW18	MW18	5/6/02	348659	(0.30)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,1,2,2-Tetrachloroetha	MW19	MW19	5/21/93	167272	(5.0)	U	ug/l
	MW19	MW19	11/10/93	177619	(5.0)	U	ug/l
	MW19	MW19	5/13/94	188145	(1.0)	U	ug/l
	MW19	MW19	5/7/02	349134	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW20	MW20A	4/29/02	347443	(0.30)	U	ug/l
	MW20	MW20	5/6/02	348658	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW21	MW21	5/24/93	167354	(5.0)	U	ug/l
	MW21	MW21	11/11/93	177727	(5.0)	U	ug/l
	MW21	MW21	5/17/94	188271	(2.0)	U	ug/l
	MW21	MW21	5/8/02	349136	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW24	MW24	5/7/02	349142	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW26	MW26E *	4/29/02	347422	(0.30)	U	ug/l
	MW26	MW26D *	4/29/02	347421	(0.30)	U	ug/l
	MW26	MW26A *	4/29/02	347418	(0.30)	U	ug/l
	MW26	MW26B *	4/29/02	347419	(0.30)	U	ug/l
	MW26	MW26C *	4/29/02	347420	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW27	MW27	5/9/02	349623	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW28	MW28AA *	4/29/02	347425	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW28A	MW28AB *	4/29/02	347426	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW29	MW29	5/8/02	349139	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW30	MW30	5/10/02	349618	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW31	MW31	5/9/02	349613	(0.30)	U	ug/l
	MW31	MW31P	5/9/02	349614	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW32	MW32B *	4/29/02	347448	(0.30)	U	ug/l
	MW32	MW32A *	4/29/02	347447	(0.30)	U	ug/l
	MW32	MW32	5/8/02	349145	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW33A	MW33A	6/11/99	92394002	(0.46)	U	ug/l
	MW33A	MW33AP *	4/29/02	347442	(0.30)	U	ug/l
	MW33A	MW33AA *	4/29/02	347441	(0.30)	U	ug/l
	MW33A	MW33A	5/1/02	348225	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW34	MW34	6/11/99	92394003	(0.46)	U	ug/l
	MW34	MW34B *	4/29/02	347438	(0.30)	U	ug/l
	MW34	MW34A *	4/29/02	347437	(0.30)	U	ug/l
	MW34	MW34	5/1/02	348226	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW35	MW35	6/11/99	92394004	(0.46)	U	ug/l
	MW35	MW35A *	4/29/02	347439	(0.30)	U	ug/l
	MW35	MW35B *	4/29/02	347440	(0.30)	U	ug/l
	MW35	MW35	5/2/02	348229	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW36	MW36	6/16/99	92459001	(0.46)	U	ug/l
	MW36	MW36	5/6/02	348655	(0.30)	U	ug/l

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APPENDIX B

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Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,1,2,2-Tetrachloroetha	MW37	MW37	6/16/99	92459002	(0.46)	U	ug/l
	MW37	MW37	4/30/02	347681	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW38	MW38	6/16/99	92459003	(0.46)	U	ug/l
	MW38	MW38B *	4/29/02	347432	(0.30)	U	ug/l
	MW38	MW38A *	4/29/02	347431	(0.30)	U	ug/l
	MW38	MW38C *	4/29/02	347433	(0.30)	U	ug/l
	MW38	MW38	4/30/02	347682	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW39	MW39	6/18/99	92495001	(0.46)	U	ug/l
	MW39	MW39	5/8/02	349144	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW40	MW40	5/2/00	201708	(0.10)	U	ug/l
	MW40	MW40	5/3/02	348494	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW41	MW41	5/2/00	201709	(0.10)	U	ug/l
	MW41	MW41	5/10/02	349619	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW42	MW42	5/2/00	201710	(0.10)	U	ug/l
	MW42	MW42	5/3/02	348491	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW43A	MW43A	5/2/00	201711	(0.10)	U	ug/l
	MW43A	MW43A	5/3/02	348493	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW44	MW44	5/2/00	201712	(0.10)	U	ug/l
	MW44	MW44	5/2/02	348230	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	MW45	MW45	5/2/00	201713	(0.10)	U	ug/l
	MW45	MW45	5/3/02	348492	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	RW01	RW1	8/23/89	105947	(5.0)	U	ug/l
	RW01	RW1	5/4/90	116208	(5.0)	U	ug/l
	RW01	RW1 B	5/4/90	116209	(5.0)	U	ug/l
1,1,2,2-Tetrachloroetha	RW02	RW2	8/23/89	105948	(5.0)	U	ug/l
1,1,2,2-Tetrachloroetha	RW04	RW4	11/8/91	140780	(10000)	U	ug/l
	RW04	MW04	5/6/02	348654	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	RW05	RW5	8/23/89	105949	(5.0)	U	ug/l
	RW05	RW5	11/8/91	140781	(25.0)	U	ug/l
1,1,2,2-Tetrachloroetha	RW06	RW6	8/23/89	105950	(5.0)	U	ug/l
1,1,2,2-Tetrachloroetha	RW09	RW09B *	4/29/02	347414	(0.60)	U	ug/l
	RW09	RW09C *	4/29/02	347415	(0.30)	U	ug/l
	RW09	RW09A *	4/29/02	347413	(0.60)	U	ug/l
	RW09	RW09D *	4/29/02	347416	(1.6)	U	ug/l
1,1,2,2-Tetrachloroetha	RW10	RW10	5/9/02	349615	(0.30)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,1,2,2-Tetrachloroetha	RW11	RW11	12/2/91	141900	(5.0)	U	ug/l
	RW11	RW11	5/13/92	150810	(5.0)	U	ug/l
	RW11	RW11	9/9/92	154495	(5.0)	U	ug/l
	RW11	RW11	11/11/92	157673	(5.0)	U	ug/l
	RW11	RW11	5/24/93	167355	(5.0)	U	ug/l
	RW11	RW11	11/11/93	177725	(5.0)	U	ug/l
	RW11	RW11	5/11/94	187957	(1.0)	U	ug/l
	RW11	RW11	5/8/02	349137	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	RW13	RW13	6/11/99	92394001	(0.46)	U	ug/l
	RW13	RW13	5/3/02	348495	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	RW14	RW14	12/2/91	141899	(5.0)	U	ug/l
	RW14	RW14	5/13/92	150808	(5.0)	U	ug/l
	RW14	RW14	9/9/92	154497	(5.0)	U	ug/l
	RW14	RW14	11/13/92	157929	(5.0)	U	ug/l
	RW14	RW14	5/10/02	349625	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	RW15	RW15C *	4/29/02	347409	(0.30)	U	ug/l
	RW15	RW15B *	4/29/02	347408	(0.30)	U	ug/l
	RW15	RW15D *	4/29/02	347410	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	RW16	X16	4/26/91	130652	(25.0)	U	ug/l
	RW16	RW16A *	4/29/02	347411	(3.1)	U	ug/l
	RW16	RW16B *	4/29/02	347412	(3.1)	U	ug/l
1,1,2,2-Tetrachloroetha	RW32	MW32P	5/8/02	349146	(0.30)	U	ug/l
1,1,2,2-Tetrachloroetha	TH36	TH36	12/31/91	143553	(5.0)	U	ug/l
	TH36	TH36	5/13/92	150809	(5.0)	U	ug/l
	TH36	TH36	9/9/92	154496	(5.0)	U	ug/l
	TH36	TH36	11/13/92	157930	(5.0)	U	ug/l
	TH36	TH36	5/13/93	167353	(5.0)	U	ug/l
	TH36	TH36	11/11/93	177724	(5.0)	U	ug/l
	TH36	TH36	5/17/94	188272	(2.0)	U	ug/l
	TH36	TH36	5/9/02	349616	(0.30)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,1-Dichloroethan	MW01	MW1	1/4/90	111372	(5.0)	U	ug/l
	MW01	MW1	1/9/91	126327	(5.0)	U	ug/l
	MW01	MW1	11/27/91	141868	(5.0)	U	ug/l
	MW01	MW1	5/12/92	149519	(5.0)	U	ug/l
	MW01	MW1	11/10/92	157615	(5.0)	U	ug/l
	MW01	MW1	5/12/93	166597	(5.0)	U	ug/l
	MW01	MW1	11/10/93	177617	(5.0)	U	ug/l
	MW01	MW1	5/10/94	187877	(1.0)	U	ug/l
	MW01	MW01A *	4/29/02	347417	(0.30)	U	ug/l
	MW01	MW01	4/30/02	347679	(0.30)	U	ug/l
1,1-Dichloroethan	MW02	MW2	1/11/89	96943	(5.0)	U	ug/l
	MW02	MW2	1/9/91	126328	(5.0)	U	ug/l
1,1-Dichloroethan	MW02A	MW2A	1/4/90	111373	(5.0)	U	ug/l
	MW02A	MW2A RE	6/17/92	150826	(5.0)	U	ug/l
	MW02A	MW2A	9/9/92	154494	(5.0)	U	ug/l
	MW02A	MW2A	11/10/92	157616	(5.0)	U	ug/l
	MW02A	MW2A	5/12/93	166598	(5.0)	U	ug/l
	MW02A	MW2A	5/10/94	187878	(1.0)	U	ug/l
	MW02A	MW2A	6/9/99	92343003	(2.3)	U	ug/l
	MW02A	MW2A	5/2/02	348228	(0.30)	U	ug/l
1,1-Dichloroethan	MW03	MW3	1/11/89	96944	(5.0)	U	ug/l
	MW03	MW3	1/4/90	111374	(5.0)	U	ug/l
	MW03	MW3	1/10/91	126421	(5.0)	U	ug/l
	MW03	MW3	5/12/92	149520	(5.0)	U	ug/l
	MW03	MW3	9/2/92	154207	(5.0)	U	ug/l
	MW03	MW3	11/10/92	157617	(5.0)	U	ug/l
	MW03	MW3	5/12/93	166599	(5.0)	U	ug/l
	MW03	MW3	5/10/94	187879	(1.0)	U	ug/l
	MW03	MW3	6/9/99	92343004	(2.3)	U	ug/l
	MW03	MW03A *	4/29/02	347428	2.6		ug/l
	MW03	MW03	5/6/02	348653	(0.30)	U	ug/l
1,1-Dichloroethan	MW04	MW4	1/11/89	96945	(5.0)	U	ug/l
	MW04	MW4	1/4/90	111375	(5.0)	U	ug/l
	MW04	MW4	1/10/91	126422	(5.0)	U	ug/l
	MW04	MW4	5/12/92	149521	(5.0)	U	ug/l
	MW04	MW4	9/2/92	154208	4.0	J	ug/l
	MW04	MW4	11/11/92	157671	4.0	J	ug/l
	MW04	MW4	5/13/93	166648	(5.0)	U	ug/l
	MW04	MW4	5/10/94	187880	(1.0)	U	ug/l
	MW04	MW4	6/9/99	92343005	(2.3)	U	ug/l
	MW04	MW04A *	4/29/02	347429	3.3		ug/l
	MW04	MW04B *	4/29/02	347430	3.1		ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,1-Dichloroethan	MW05	MW5	1/11/89	96946	(5.0)	U	ug/l
	MW05	MW5	1/4/90	111376	(5.0)	U	ug/l
	MW05	MW5	1/10/91	126423	(5.0)	U	ug/l
	MW05	MW5	5/18/92	149707	(5.0)	U	ug/l
	MW05	MW5	5/24/93	167356	(5.0)	U	ug/l
	MW05	MW5	5/17/94	188273	(2.0)	U	ug/l
	MW05	MW05B *	4/29/02	347424	(0.30)	U	ug/l
	MW05	MW05A *	4/29/02	347423	(0.30)	U	ug/l
1,1-Dichloroethan	MW06	MW6	5/18/92	149708	11.0		mg/l
	MW06	MW6	9/2/92	154209	15.0		ug/l
	MW06	MW6	11/11/92	157672	11.0		ug/l
	MW06	MW6	5/13/93	166649	12.0		ug/l
	MW06	MW6	5/11/94	187955	10.0		ug/l
	MW06	MW6	6/9/99	92343002	11.0		ug/l
	MW06	MW06B *	4/29/02	347435	18.0		ug/l
	MW06	MW06A *	4/29/02	347434	19.0		ug/l
	MW06	MW06C *	4/29/02	347436	6.3		ug/l
	MW06	MW06	5/7/02	349141	4.3		ug/l
1,1-Dichloroethan	MW13	MW13	5/13/93	166650	(5.0)	U	ug/l
	MW13	MW13	11/10/93	177620	(5.0)	U	ug/l
	MW13	MW13	5/13/94	188143	(1.0)	U	ug/l
	MW13	MW13A *	4/29/02	347449	(0.30)	U	ug/l
	MW13	MW13AP *	4/29/02	347450	(0.30)	U	ug/l
	MW13	MW13	5/9/02	349622	(0.30)	U	ug/l
1,1-Dichloroethan	MW15	RW15A *	4/29/02	347427	3.6		ug/l
	MW15	MW15	5/10/02	349626	5.0		ug/l
1,1-Dichloroethan	MW16	MW16	5/21/93	167273	11.0		ug/l
	MW16	MW16	11/11/93	177726	11.0	J	ug/l
	MW16	MW16	5/13/94	188144	9.0		ug/l
	MW16	MW16	5/3/02	348496	6.2		ug/l
1,1-Dichloroethan	MW17	MW17	5/14/93	166759	(5.0)	U	ug/l
	MW17	MW17Dup	11/10/93	177621	(5.0)	U	ug/l
	MW17	MW17	11/10/93	177618	(5.0)	U	ug/l
	MW17	MW17	5/11/94	187956	(1.0)	U	ug/l
	MW17	MW17C *	4/29/02	347446	(0.30)	U	ug/l
	MW17	MW17B *	4/29/02	347445	(0.30)	U	ug/l
	MW17	MW17A *	4/29/02	347444	(0.30)	U	ug/l
	MW17	MW17	5/6/02	348657	(0.30)	U	ug/l
1,1-Dichloroethan	MW18	MW18	5/6/02	348659	(0.30)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,1-Dichloroethan	MW19	MW19	5/21/93	167272	(5.0)	U	ug/l
	MW19	MW19	11/10/93	177619	(5.0)	U	ug/l
	MW19	MW19	5/13/94	188145	(1.0)	U	ug/l
	MW19	MW19	5/7/02	349134	(0.30)	U	ug/l
1,1-Dichloroethan	MW20	MW20A	4/29/02	347443	(0.30)	U	ug/l
	MW20	MW20	5/6/02	348658	(0.30)	U	ug/l
1,1-Dichloroethan	MW21	MW21	5/24/93	167354	(5.0)	U	ug/l
	MW21	MW21	11/11/93	177727	(5.0)	U	ug/l
	MW21	MW21	5/17/94	188271	(2.0)	U	ug/l
	MW21	MW21	5/8/02	349136	(0.30)	U	ug/l
1,1-Dichloroethan	MW24	MW24	5/7/02	349142	(0.30)	U	ug/l
1,1-Dichloroethan	MW26	MW26B *	4/29/02	347419	(0.30)	U	ug/l
	MW26	MW26E *	4/29/02	347422	(0.30)	U	ug/l
	MW26	MW26C *	4/29/02	347420	(0.30)	U	ug/l
	MW26	MW26A *	4/29/02	347418	(0.30)	U	ug/l
	MW26	MW26D *	4/29/02	347421	(0.30)	U	ug/l
1,1-Dichloroethan	MW27	MW27	5/9/02	349623	(0.30)	U	ug/l
1,1-Dichloroethan	MW28	MW28AA *	4/29/02	347425	(0.30)	U	ug/l
1,1-Dichloroethan	MW28A	MW28AB *	4/29/02	347426	(0.30)	U	ug/l
1,1-Dichloroethan	MW29	MW29	5/8/02	349139	(0.30)	U	ug/l
1,1-Dichloroethan	MW30	MW30	5/10/02	349618	(0.30)	U	ug/l
1,1-Dichloroethan	MW31	MW31	5/9/02	349613	(0.30)	U	ug/l
	MW31	MW31P	5/9/02	349614	(0.30)	U	ug/l
1,1-Dichloroethan	MW32	MW32A *	4/29/02	347447	13.0		ug/l
	MW32	MW32B *	4/29/02	347448	14.0		ug/l
	MW32	MW32	5/8/02	349145	14.0		ug/l
1,1-Dichloroethan	MW33A	MW33A	6/11/99	92394002	2.4		ug/l
	MW33A	MW33AP *	4/29/02	347442	1.1		ug/l
	MW33A	MW33AA *	4/29/02	347441	1.1		ug/l
	MW33A	MW33A	5/1/02	348225	(0.30)	U	ug/l
1,1-Dichloroethan	MW34	MW34	6/11/99	92394003	(2.3)	U	ug/l
	MW34	MW34B *	4/29/02	347438	0.90		ug/l
	MW34	MW34A *	4/29/02	347437	(0.30)	U	ug/l
	MW34	MW34	5/1/02	348226	(0.30)	U	ug/l
1,1-Dichloroethan	MW35	MW35	6/11/99	92394004	49.0		ug/l
	MW35	MW35A *	4/29/02	347439	26.0		ug/l
	MW35	MW35B *	4/29/02	347440	25.0		ug/l
	MW35	MW35	5/2/02	348229	19.0		ug/l
1,1-Dichloroethan	MW36	MW36	6/16/99	92459001	(2.3)	U	ug/l
	MW36	MW36	5/6/02	348655	(0.30)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,1-Dichloroethan	MW37	MW37	6/16/99	92459002	(2.3)	U	ug/l
	MW37	MW37	4/30/02	347681	(0.30)	U	ug/l
1,1-Dichloroethan	MW38	MW38	6/16/99	92459003	(2.3)	U	ug/l
	MW38	MW38B *	4/29/02	347432	(0.30)	U	ug/l
	MW38	MW38C *	4/29/02	347433	(0.30)	U	ug/l
	MW38	MW38A *	4/29/02	347431	(0.30)	U	ug/l
	MW38	MW38	4/30/02	347682	(0.30)	U	ug/l
1,1-Dichloroethan	MW39	MW39	6/18/99	92495001	(2.3)	U	ug/l
	MW39	MW39	5/8/02	349144	(0.30)	U	ug/l
1,1-Dichloroethan	MW40	MW40	5/2/00	201708	(0.40)	U	ug/l
	MW40	MW40	5/3/02	348494	(0.30)	U	ug/l
1,1-Dichloroethan	MW41	MW41	5/2/00	201709	(0.40)	U	ug/l
	MW41	MW41	5/10/02	349619	(0.30)	U	ug/l
1,1-Dichloroethan	MW42	MW42	5/2/00	201710	(0.40)	U	ug/l
	MW42	MW42	5/3/02	348491	(0.30)	U	ug/l
1,1-Dichloroethan	MW43A	MW43A	5/2/00	201711	(0.40)	U	ug/l
	MW43A	MW43A	5/3/02	348493	(0.30)	U	ug/l
1,1-Dichloroethan	MW44	MW44	5/2/00	201712	(0.40)	U	ug/l
	MW44	MW44	5/2/02	348230	(0.30)	U	ug/l
1,1-Dichloroethan	MW45	MW45	5/2/00	201713	(0.40)	U	ug/l
	MW45	MW45	5/3/02	348492	(0.30)	U	ug/l
1,1-Dichloroethan	RW01	RW1	8/23/89	105947	(5.0)	U	ug/l
	RW01	RW1 B	5/4/90	116209	(5.0)	U	ug/l
	RW01	RW1	5/4/90	116208	(5.0)	U	ug/l
1,1-Dichloroethan	RW02	RW2	8/23/89	105948	(5.0)	U	ug/l
1,1-Dichloroethan	RW04	RW4	11/8/91	140780	(10000)	U	ug/l
	RW04	MW04	5/6/02	348654	3.4		ug/l
1,1-Dichloroethan	RW05	RW5	8/23/89	105949	4.0	J	ug/l
	RW05	RW5	11/8/91	140781	(25.0)	U	ug/l
1,1-Dichloroethan	RW06	RW6	8/23/89	105950	6.0		ug/l
1,1-Dichloroethan	RW09	RW09A *	4/29/02	347413	(0.50)	U	ug/l
	RW09	RW09C *	4/29/02	347415	(0.30)	U	ug/l
	RW09	RW09B *	4/29/02	347414	(0.50)	U	ug/l
	RW09	RW09D *	4/29/02	347416	(1.4)	U	ug/l
1,1-Dichloroethan	RW10	RW10	5/9/02	349615	(0.30)	U	ug/l

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Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,1-Dichloroethan	RW11	RW11	12/2/91	141900	(5.0)	U	ug/l
	RW11	RW11	5/13/92	150810	(5.0)	U	ug/l
	RW11	RW11	9/9/92	154495	(5.0)	U	ug/l
	RW11	RW11	11/11/92	157673	(5.0)	U	ug/l
	RW11	RW11	5/24/93	167355	(5.0)	U	ug/l
	RW11	RW11	11/11/93	177725	3.0	J	ug/l
	RW11	RW11	5/11/94	187957	(1.0)	U	ug/l
	RW11	RW11	5/8/02	349137	(0.30)	U	ug/l
1,1-Dichloroethan	RW13	RW13	6/11/99	92394001	1.5	J	ug/l
	RW13	RW13	5/3/02	348495	1.5		ug/l
1,1-Dichloroethan	RW14	RW14	12/2/91	141899	(5.0)	U	ug/l
	RW14	RW14	5/13/92	150808	(5.0)	U	ug/l
	RW14	RW14	9/9/92	154497	4.0	J	ug/l
	RW14	RW14	11/13/92	157929	7.0		ug/l
	RW14	RW14	5/10/02	349625	8.9		ug/l
1,1-Dichloroethan	RW15	RW15B *	4/29/02	347408	3.8		ug/l
	RW15	RW15D *	4/29/02	347410	3.6		ug/l
	RW15	RW15C *	4/29/02	347409	3.9		ug/l
1,1-Dichloroethan	RW16	X16	4/26/91	130652	210		ug/l
	RW16	RW16B *	4/29/02	347412	440		ug/l
	RW16	RW16A *	4/29/02	347411	460		ug/l
1,1-Dichloroethan	RW32	MW32P	5/8/02	349146	14.0		ug/l
1,1-Dichloroethan	TH36	TH36	12/31/91	143553	(5.0)	U	ug/l
	TH36	TH36	5/13/92	150809	(5.0)	U	ug/l
	TH36	TH36	9/9/92	154496	(5.0)	U	ug/l
	TH36	TH36	11/13/92	157930	2.0	J	ug/l
	TH36	TH36	5/13/93	167353	(5.0)	U	ug/l
	TH36	TH36	11/11/93	177724	3.0	J	ug/l
	TH36	TH36	5/17/94	188272	(2.0)	U	ug/l
	TH36	TH36	5/9/02	349616	2.3		ug/l

NOTES:

Q = Result Qualifiers

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ug/l = micrograms per liter

APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,1-Dichloroethen	MW01	MW1	1/4/90	111372	(5.0)	U	ug/l
	MW01	MW1	1/9/91	126327	(5.0)	U	ug/l
	MW01	MW1	11/27/91	141868	(5.0)	U	ug/l
	MW01	MW1	5/12/92	149519	(5.0)	U	ug/l
	MW01	MW1	11/10/92	157615	(5.0)	U	ug/l
	MW01	MW1	5/12/93	166597	(5.0)	U	ug/l
	MW01	MW1	11/10/93	177617	(5.0)	U	ug/l
	MW01	MW1	5/10/94	187877	(1.0)	U	ug/l
	MW01	MW01A *	4/29/02	347417	(0.30)	U	ug/l
	MW01	MW01	4/30/02	347679	(0.30)	U	ug/l
1,1-Dichloroethen	MW02	MW2	1/11/89	96943	(5.0)	U	ug/l
	MW02	MW2	1/9/91	126328	(5.0)	U	ug/l
1,1-Dichloroethen	MW02A	MW2A	1/4/90	111373	(5.0)	U	ug/l
	MW02A	MW2A RE	6/17/92	150826	(5.0)	U	ug/l
	MW02A	MW2A	9/9/92	154494	(5.0)	U	ug/l
	MW02A	MW2A	11/10/92	157616	(5.0)	U	ug/l
	MW02A	MW2A	5/12/93	166598	(5.0)	U	ug/l
	MW02A	MW2A	5/10/94	187878	(1.0)	U	ug/l
	MW02A	MW2A	6/9/99	92343003	1.2		ug/l
	MW02A	MW2A	5/2/02	348228	4.6		ug/l
1,1-Dichloroethen	MW03	MW3	1/11/89	96944	(5.0)	U	ug/l
	MW03	MW3	1/4/90	111374	(5.0)	U	ug/l
	MW03	MW3	1/10/91	126421	(5.0)	U	ug/l
	MW03	MW3	5/12/92	149520	(5.0)	U	ug/l
	MW03	MW3	9/2/92	154207	(5.0)	U	ug/l
	MW03	MW3	11/10/92	157617	(5.0)	U	ug/l
	MW03	MW3	5/12/93	166599	(5.0)	U	ug/l
	MW03	MW3	5/10/94	187879	(1.0)	U	ug/l
	MW03	MW3	6/9/99	92343004	(0.71)	U	ug/l
	MW03	MW03A *	4/29/02	347428	0.40		ug/l
	MW03	MW03	5/6/02	348653	(0.30)	U	ug/l
1,1-Dichloroethen	MW04	MW4	1/11/89	96945	(5.0)	U	ug/l
	MW04	MW4	1/4/90	111375	(5.0)	U	ug/l
	MW04	MW4	1/10/91	126422	(5.0)	U	ug/l
	MW04	MW4	5/12/92	149521	(5.0)	U	ug/l
	MW04	MW4	9/2/92	154208	(5.0)	U	ug/l
	MW04	MW4	11/11/92	157671	(5.0)	U	ug/l
	MW04	MW4	5/13/93	166648	(5.0)	U	ug/l
	MW04	MW4	5/10/94	187880	(1.0)	U	ug/l
	MW04	MW4	6/9/99	92343005	(0.71)	U	ug/l
	MW04	MW04B *	4/29/02	347430	0.90		ug/l
	MW04	MW04A *	4/29/02	347429	0.80		ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,1-Dichloroethen	MW05	MW5	1/11/89	96946	(5.0)	U	ug/l
	MW05	MW5	1/4/90	111376	(5.0)	U	ug/l
	MW05	MW5	1/10/91	126423	(5.0)	U	ug/l
	MW05	MW5	5/18/92	149707	(5.0)	U	ug/l
	MW05	MW5	5/24/93	167356	(5.0)	U	ug/l
	MW05	MW5	5/17/94	188273	(3.0)	U	ug/l
	MW05	MW05B *	4/29/02	347424	(0.30)	U	ug/l
	MW05	MW05A *	4/29/02	347423	(0.30)	U	ug/l
1,1-Dichloroethen	MW06	MW6	5/18/92	149708	10.0		mg/l
	MW06	MW6	9/2/92	154209	15.0		ug/l
	MW06	MW6	11/11/92	157672	12.0		ug/l
	MW06	MW6	5/13/93	166649	10.0		ug/l
	MW06	MW6	5/11/94	187955	10.0		ug/l
	MW06	MW6	6/9/99	92343002	1.8		ug/l
	MW06	MW06A *	4/29/02	347434	10.0		ug/l
	MW06	MW06C *	4/29/02	347436	5.3		ug/l
	MW06	MW06B *	4/29/02	347435	9.3		ug/l
	MW06	MW06	5/7/02	349141	3.0		ug/l
1,1-Dichloroethen	MW13	MW13	5/13/93	166650	(5.0)	U	ug/l
	MW13	MW13	11/10/93	177620	(5.0)	U	ug/l
	MW13	MW13	5/13/94	188143	(1.0)	U	ug/l
	MW13	MW13AP *	4/29/02	347450	(0.30)	U	ug/l
	MW13	MW13A *	4/29/02	347449	(0.30)	U	ug/l
	MW13	MW13	5/9/02	349622	(0.30)	U	ug/l
1,1-Dichloroethen	MW15	RW15A *	4/29/02	347427	(0.30)	U	ug/l
	MW15	MW15	5/10/02	349626	1.3		ug/l
1,1-Dichloroethen	MW16	MW16	5/21/93	167273	(5.0)	U	ug/l
	MW16	MW16	11/11/93	177726	3.0	J	ug/l
	MW16	MW16	5/13/94	188144	(1.0)	U	ug/l
	MW16	MW16	5/3/02	348496	2.9		ug/l
1,1-Dichloroethen	MW17	MW17	5/14/93	166759	(5.0)	U	ug/l
	MW17	MW17Dup	11/10/93	177621	(5.0)	U	ug/l
	MW17	MW17	11/10/93	177618	(5.0)	U	ug/l
	MW17	MW17	5/11/94	187956	(1.0)	U	ug/l
	MW17	MW17A *	4/29/02	347444	(0.30)	U	ug/l
	MW17	MW17B *	4/29/02	347445	(0.30)	U	ug/l
	MW17	MW17C *	4/29/02	347446	(0.30)	U	ug/l
	MW17	MW17	5/6/02	348657	(0.30)	U	ug/l
1,1-Dichloroethen	MW18	MW18	5/6/02	348659	(0.30)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,1-Dichloroethen	MW19	MW19	5/21/93	167272	(5.0)	U	ug/l
	MW19	MW19	11/10/93	177619	(5.0)	U	ug/l
	MW19	MW19	5/13/94	188145	(1.0)	U	ug/l
	MW19	MW19	5/7/02	349134	(0.30)	U	ug/l
1,1-Dichloroethen	MW20	MW20A	4/29/02	347443	(0.30)	U	ug/l
	MW20	MW20	5/6/02	348658	(0.30)	U	ug/l
1,1-Dichloroethen	MW21	MW21	5/24/93	167354	(5.0)	U	ug/l
	MW21	MW21	11/11/93	177727	(5.0)	U	ug/l
	MW21	MW21	5/17/94	188271	(3.0)	U	ug/l
	MW21	MW21	5/8/02	349136	(0.30)	U	ug/l
1,1-Dichloroethen	MW24	MW24	5/7/02	349142	(0.30)	U	ug/l
1,1-Dichloroethen	MW26	MW26B *	4/29/02	347419	(0.30)	U	ug/l
	MW26	MW26A *	4/29/02	347418	(0.30)	U	ug/l
	MW26	MW26C *	4/29/02	347420	(0.30)	U	ug/l
	MW26	MW26E *	4/29/02	347422	(0.30)	U	ug/l
	MW26	MW26D *	4/29/02	347421	(0.30)	U	ug/l
1,1-Dichloroethen	MW27	MW27	5/9/02	349623	(0.30)	U	ug/l
1,1-Dichloroethen	MW28	MW28AA *	4/29/02	347425	(0.30)	U	ug/l
1,1-Dichloroethen	MW28A	MW28AB *	4/29/02	347426	(0.30)	U	ug/l
1,1-Dichloroethen	MW29	MW29	5/8/02	349139	(0.30)	U	ug/l
1,1-Dichloroethen	MW30	MW30	5/10/02	349618	(0.30)	U	ug/l
1,1-Dichloroethen	MW31	MW31P	5/9/02	349614	(0.30)	U	ug/l
	MW31	MW31	5/9/02	349613	(0.30)	U	ug/l
1,1-Dichloroethen	MW32	MW32A *	4/29/02	347447	3.0		ug/l
	MW32	MW32B *	4/29/02	347448	3.1		ug/l
	MW32	MW32	5/8/02	349145	2.1		ug/l
1,1-Dichloroethen	MW33A	MW33A	6/11/99	92394002	5.4		ug/l
	MW33A	MW33AA *	4/29/02	347441	1.9		ug/l
	MW33A	MW33AP *	4/29/02	347442	1.5		ug/l
	MW33A	MW33A	5/1/02	348225	2.1		ug/l
1,1-Dichloroethen	MW34	MW34	6/11/99	92394003	2.6		ug/l
	MW34	MW34A *	4/29/02	347437	(0.30)	U	ug/l
	MW34	MW34B *	4/29/02	347438	1.9		ug/l
	MW34	MW34	5/1/02	348226	1.2		ug/l
1,1-Dichloroethen	MW35	MW35	6/11/99	92394004	10.0		ug/l
	MW35	MW35B *	4/29/02	347440	16.0		ug/l
	MW35	MW35A *	4/29/02	347439	16.0		ug/l
	MW35	MW35	5/2/02	348229	12.0		ug/l
1,1-Dichloroethen	MW36	MW36	6/16/99	92459001	(0.71)	U	ug/l
	MW36	MW36	5/6/02	348655	(0.30)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,1-Dichloroethen	MW37	MW37	6/16/99	92459002	(0.71)	U	ug/l
	MW37	MW37	4/30/02	347681	(0.30)	U	ug/l
1,1-Dichloroethen	MW38	MW38	6/16/99	92459003	(0.71)	U	ug/l
	MW38	MW38C *	4/29/02	347433	(0.30)	U	ug/l
	MW38	MW38A *	4/29/02	347431	(0.30)	U	ug/l
	MW38	MW38B *	4/29/02	347432	(0.30)	U	ug/l
	MW38	MW38	4/30/02	347682	(0.30)	U	ug/l
1,1-Dichloroethen	MW39	MW39	6/18/99	92495001	(0.71)	U	ug/l
	MW39	MW39	5/8/02	349144	(0.30)	U	ug/l
1,1-Dichloroethen	MW40	MW40	5/2/00	201708	(0.40)	U	ug/l
	MW40	MW40	5/3/02	348494	(0.30)	U	ug/l
1,1-Dichloroethen	MW41	MW41	5/2/00	201709	0.80		ug/l
	MW41	MW41	5/10/02	349619	(0.30)	U	ug/l
1,1-Dichloroethen	MW42	MW42	5/2/00	201710	(0.40)	U	ug/l
	MW42	MW42	5/3/02	348491	(0.30)	U	ug/l
1,1-Dichloroethen	MW43A	MW43A	5/2/00	201711	(0.40)	U	ug/l
	MW43A	MW43A	5/3/02	348493	(0.30)	U	ug/l
1,1-Dichloroethen	MW44	MW44	5/2/00	201712	(0.40)	U	ug/l
	MW44	MW44	5/2/02	348230	(0.30)	U	ug/l
1,1-Dichloroethen	MW45	MW45	5/2/00	201713	(0.40)	U	ug/l
	MW45	MW45	5/3/02	348492	(0.30)	U	ug/l
1,1-Dichloroethen	RW01	RW1	8/23/89	105947	2.0	J	ug/l
	RW01	RW1	5/4/90	116208	(5.0)	U	ug/l
	RW01	RW1 B	5/4/90	116209	(5.0)	U	ug/l
1,1-Dichloroethen	RW02	RW2	8/23/89	105948	(5.0)	U	ug/l
1,1-Dichloroethen	RW04	RW4	11/8/91	140780	(10000)	U	ug/l
	RW04	MW04	5/6/02	348654	0.70		ug/l
1,1-Dichloroethen	RW05	RW5	8/23/89	105949	(5.0)	U	ug/l
	RW05	RW5	11/8/91	140781	(25.0)	U	ug/l
1,1-Dichloroethen	RW06	RW6	8/23/89	105950	(5.0)	U	ug/l
1,1-Dichloroethen	RW09	RW09A *	4/29/02	347413	0.70		ug/l
	RW09	RW09D *	4/29/02	347416	(1.4)	U	ug/l
	RW09	RW09C *	4/29/02	347415	0.40		ug/l
	RW09	RW09B *	4/29/02	347414	(0.60)	U	ug/l
1,1-Dichloroethen	RW10	RW10	5/9/02	349615	1.1		ug/l

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Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,1-Dichloroethen	RW11	RW11	12/2/91	141900	(5.0)	U	ug/l
	RW11	RW11	5/13/92	150810	(5.0)	U	ug/l
	RW11	RW11	9/9/92	154495	(5.0)	U	ug/l
	RW11	RW11	11/11/92	157673	(5.0)	U	ug/l
	RW11	RW11	5/24/93	167355	(5.0)	U	ug/l
	RW11	RW11	11/11/93	177725	(5.0)	U	ug/l
	RW11	RW11	5/11/94	187957	(1.0)	U	ug/l
	RW11	RW11	5/8/02	349137	(0.30)	U	ug/l
1,1-Dichloroethen	RW13	RW13	6/11/99	92394001	1.4		ug/l
	RW13	RW13	5/3/02	348495	0.80		ug/l
1,1-Dichloroethen	RW14	RW14	12/2/91	141899	(5.0)	U	ug/l
	RW14	RW14	5/13/92	150808	(5.0)	U	ug/l
	RW14	RW14	9/9/92	154497	(5.0)	U	ug/l
	RW14	RW14	11/13/92	157929	(5.0)	U	ug/l
	RW14	RW14	5/10/02	349625	(0.30)	U	ug/l
1,1-Dichloroethen	RW15	RW15B *	4/29/02	347408	(0.30)	U	ug/l
	RW15	RW15D *	4/29/02	347410	(0.30)	U	ug/l
	RW15	RW15C *	4/29/02	347409	(0.30)	U	ug/l
1,1-Dichloroethen	RW16	X16	4/26/91	130652	27.0		ug/l
	RW16	RW16B *	4/29/02	347412	12.0		ug/l
	RW16	RW16A *	4/29/02	347411	14.0		ug/l
1,1-Dichloroethen	RW32	MW32P	5/8/02	349146	1.5		ug/l
1,1-Dichloroethen	TH36	TH36	12/31/91	143553	(5.0)	U	ug/l
	TH36	TH36	5/13/92	150809	(5.0)	U	ug/l
	TH36	TH36	9/9/92	154496	(5.0)	U	ug/l
	TH36	TH36	11/13/92	157930	(5.0)	U	ug/l
	TH36	TH36	5/13/93	167353	(5.0)	U	ug/l
	TH36	TH36	11/11/93	177724	(5.0)	U	ug/l
	TH36	TH36	5/17/94	188272	(3.0)	U	ug/l
	TH36	TH36	5/9/02	349616	0.60		ug/l

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APPENDIX B

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Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,2-Dichloroethan	MW01	MW1	1/4/90	111372	(5.0)	U	ug/l
	MW01	MW1	1/9/91	126327	(5.0)	U	ug/l
	MW01	MW1	11/27/91	141868	(5.0)	U	ug/l
	MW01	MW1	5/12/92	149519	(5.0)	U	ug/l
	MW01	MW1	11/10/92	157615	(5.0)	U	ug/l
	MW01	MW1	5/12/93	166597	(5.0)	U	ug/l
	MW01	MW1	11/10/93	177617	(5.0)	U	ug/l
	MW01	MW1	5/10/94	187877	(1.0)	U	ug/l
	MW01	MW01A *	4/29/02	347417	(0.40)	U	ug/l
	MW01	MW01	4/30/02	347679	(0.40)	U	ug/l
1,2-Dichloroethan	MW02	MW2	1/11/89	96943	(5.0)	U	ug/l
	MW02	MW2	1/9/91	126328	(5.0)	U	ug/l
1,2-Dichloroethan	MW02A	MW2A	1/4/90	111373	(5.0)	U	ug/l
	MW02A	MW2A RE	6/17/92	150826	(5.0)	U	ug/l
	MW02A	MW2A	9/9/92	154494	(5.0)	U	ug/l
	MW02A	MW2A	11/10/92	157616	2.0	J	ug/l
	MW02A	MW2A	5/12/93	166598	(5.0)	U	ug/l
	MW02A	MW2A	5/10/94	187878	(1.0)	U	ug/l
	MW02A	MW2A	6/9/99	92343003	(0.21)	U	ug/l
	MW02A	MW2A	5/2/02	348228	(0.40)	U	ug/l
1,2-Dichloroethan	MW03	MW3	1/11/89	96944	(5.0)	U	ug/l
	MW03	MW3	1/4/90	111374	(5.0)	U	ug/l
	MW03	MW3	1/10/91	126421	(5.0)	U	ug/l
	MW03	MW3	5/12/92	149520	(5.0)	U	ug/l
	MW03	MW3	9/2/92	154207	(5.0)	U	ug/l
	MW03	MW3	11/10/92	157617	(5.0)	U	ug/l
	MW03	MW3	5/12/93	166599	(5.0)	U	ug/l
	MW03	MW3	5/10/94	187879	(1.0)	U	ug/l
	MW03	MW3	6/9/99	92343004	(0.21)	U	ug/l
	MW03	MW03A *	4/29/02	347428	(0.40)	U	ug/l
	MW03	MW03	5/6/02	348653	(0.40)	U	ug/l
1,2-Dichloroethan	MW04	MW4	1/11/89	96945	(5.0)	U	ug/l
	MW04	MW4	1/4/90	111375	(5.0)	U	ug/l
	MW04	MW4	1/10/91	126422	(5.0)	U	ug/l
	MW04	MW4	5/12/92	149521	(5.0)	U	ug/l
	MW04	MW4	9/2/92	154208	(5.0)	U	ug/l
	MW04	MW4	11/11/92	157671	(5.0)	U	ug/l
	MW04	MW4	5/13/93	166648	(5.0)	U	ug/l
	MW04	MW4	5/10/94	187880	(1.0)	U	ug/l
	MW04	MW4	6/9/99	92343005	(0.21)	U	ug/l
	MW04	MW04B *	4/29/02	347430	(0.40)	U	ug/l
	MW04	MW04A *	4/29/02	347429	(0.40)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,2-Dichloroethan	MW05	MW5	1/11/89	96946	(5.0)	U	ug/l
	MW05	MW5	1/4/90	111376	(5.0)	U	ug/l
	MW05	MW5	1/10/91	126423	(5.0)	U	ug/l
	MW05	MW5	5/18/92	149707	(5.0)	U	ug/l
	MW05	MW5	5/24/93	167356	(5.0)	U	ug/l
	MW05	MW5	5/17/94	188273	(1.0)	U	ug/l
	MW05	MW05B *	4/29/02	347424	(0.40)	U	ug/l
	MW05	MW05A *	4/29/02	347423	(0.40)	U	ug/l
1,2-Dichloroethan	MW06	MW6	5/18/92	149708	94.0		mg/l
	MW06	MW6	9/2/92	154209	(5.0)	U	ug/l
	MW06	MW6	11/11/92	157672	(5.0)	U	ug/l
	MW06	MW6	5/13/93	166649	(5.0)	U	ug/l
	MW06	MW6	5/11/94	187955	(1.0)	U	ug/l
	MW06	MW6	6/9/99	92343002	(0.21)	U	ug/l
	MW06	MW06C *	4/29/02	347436	(0.40)	U	ug/l
	MW06	MW06B *	4/29/02	347435	(0.40)	U	ug/l
	MW06	MW06A *	4/29/02	347434	(0.40)	U	ug/l
	MW06	MW06	5/7/02	349141	(0.40)	U	ug/l
1,2-Dichloroethan	MW13	MW13	5/13/93	166650	(5.0)	U	ug/l
	MW13	MW13	11/10/93	177620	(5.0)	U	ug/l
	MW13	MW13	5/13/94	188143	(1.0)	U	ug/l
	MW13	MW13AP *	4/29/02	347450	(0.40)	U	ug/l
	MW13	MW13A *	4/29/02	347449	(0.40)	U	ug/l
	MW13	MW13	5/9/02	349622	(0.40)	U	ug/l
1,2-Dichloroethan	MW15	RW15A *	4/29/02	347427	(0.40)	U	ug/l
	MW15	MW15	5/10/02	349626	(0.40)	U	ug/l
1,2-Dichloroethan	MW16	MW16	5/21/93	167273	(5.0)	U	ug/l
	MW16	MW16	11/11/93	177726	(5.0)	U	ug/l
	MW16	MW16	5/13/94	188144	(1.0)	U	ug/l
	MW16	MW16	5/3/02	348496	(0.40)	U	ug/l
1,2-Dichloroethan	MW17	MW17	5/14/93	166759	(5.0)	U	ug/l
	MW17	MW17	11/10/93	177618	(5.0)	U	ug/l
	MW17	MW17Dup	11/10/93	177621	(5.0)	U	ug/l
	MW17	MW17	5/11/94	187956	(1.0)	U	ug/l
	MW17	MW17C *	4/29/02	347446	(0.40)	U	ug/l
	MW17	MW17A *	4/29/02	347444	(0.40)	U	ug/l
	MW17	MW17B *	4/29/02	347445	(0.40)	U	ug/l
	MW17	MW17	5/6/02	348657	(0.40)	U	ug/l
1,2-Dichloroethan	MW18	MW18	5/6/02	348659	(0.40)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,2-Dichloroethan	MW19	MW19	5/21/93	167272	(5.0)	U	ug/l
	MW19	MW19	11/10/93	177619	(5.0)	U	ug/l
	MW19	MW19	5/13/94	188145	(1.0)	U	ug/l
	MW19	MW19	5/7/02	349134	(0.40)	U	ug/l
1,2-Dichloroethan	MW20	MW20A	4/29/02	347443	(0.40)	U	ug/l
	MW20	MW20	5/6/02	348658	(0.40)	U	ug/l
1,2-Dichloroethan	MW21	MW21	5/24/93	167354	(5.0)	U	ug/l
	MW21	MW21	11/11/93	177727	(5.0)	U	ug/l
	MW21	MW21	5/17/94	188271	(1.0)	U	ug/l
	MW21	MW21	5/8/02	349136	(0.40)	U	ug/l
1,2-Dichloroethan	MW24	MW24	5/7/02	349142	(0.40)	U	ug/l
1,2-Dichloroethan	MW26	MW26C *	4/29/02	347420	(0.40)	U	ug/l
	MW26	MW26B *	4/29/02	347419	(0.40)	U	ug/l
	MW26	MW26A *	4/29/02	347418	(0.40)	U	ug/l
	MW26	MW26D *	4/29/02	347421	(0.40)	U	ug/l
	MW26	MW26E *	4/29/02	347422	(0.40)	U	ug/l
1,2-Dichloroethan	MW27	MW27	5/9/02	349623	(0.40)	U	ug/l
1,2-Dichloroethan	MW28	MW28AA *	4/29/02	347425	(0.40)	U	ug/l
1,2-Dichloroethan	MW28A	MW28AB *	4/29/02	347426	(0.40)	U	ug/l
1,2-Dichloroethan	MW29	MW29	5/8/02	349139	(0.40)	U	ug/l
1,2-Dichloroethan	MW30	MW30	5/10/02	349618	(0.40)	U	ug/l
1,2-Dichloroethan	MW31	MW31P	5/9/02	349614	(0.40)	U	ug/l
	MW31	MW31	5/9/02	349613	(0.40)	U	ug/l
1,2-Dichloroethan	MW32	MW32A *	4/29/02	347447	(0.40)	U	ug/l
	MW32	MW32B *	4/29/02	347448	(0.40)	U	ug/l
	MW32	MW32	5/8/02	349145	(0.40)	U	ug/l
1,2-Dichloroethan	MW33A	MW33A	6/11/99	92394002	(0.21)	U	ug/l
	MW33A	MW33AP *	4/29/02	347442	(0.40)	U	ug/l
	MW33A	MW33AA *	4/29/02	347441	(0.40)	U	ug/l
	MW33A	MW33A	5/1/02	348225	(0.40)	U	ug/l
1,2-Dichloroethan	MW34	MW34	6/11/99	92394003	(0.21)	U	ug/l
	MW34	MW34B *	4/29/02	347438	(0.40)	U	ug/l
	MW34	MW34A *	4/29/02	347437	(0.40)	U	ug/l
	MW34	MW34	5/1/02	348226	(0.40)	U	ug/l
1,2-Dichloroethan	MW35	MW35	6/11/99	92394004	(0.21)	U	ug/l
	MW35	MW35B *	4/29/02	347440	(0.40)	U	ug/l
	MW35	MW35A *	4/29/02	347439	(0.40)	U	ug/l
	MW35	MW35	5/2/02	348229	(0.40)	U	ug/l
1,2-Dichloroethan	MW36	MW36	6/16/99	92459001	(0.21)	U	ug/l
	MW36	MW36	5/6/02	348655	(0.40)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,2-Dichloroethan	MW37	MW37	6/16/99	92459002	(0.21)	U	ug/l
	MW37	MW37	4/30/02	347681	(0.40)	U	ug/l
1,2-Dichloroethan	MW38	MW38	6/16/99	92459003	(0.21)	U	ug/l
	MW38	MW38A *	4/29/02	347431	(0.40)	U	ug/l
	MW38	MW38B *	4/29/02	347432	(0.40)	U	ug/l
	MW38	MW38C *	4/29/02	347433	(0.40)	U	ug/l
	MW38	MW38	4/30/02	347682	(0.40)	U	ug/l
1,2-Dichloroethan	MW39	MW39	6/18/99	92495001	(0.21)	U	ug/l
	MW39	MW39	5/8/02	349144	(0.40)	U	ug/l
1,2-Dichloroethan	MW40	MW40	5/2/00	201708	(0.20)	U	ug/l
	MW40	MW40	5/3/02	348494	(0.40)	U	ug/l
1,2-Dichloroethan	MW41	MW41	5/2/00	201709	(0.20)	U	ug/l
	MW41	MW41	5/10/02	349619	(0.40)	U	ug/l
1,2-Dichloroethan	MW42	MW42	5/2/00	201710	(0.20)	U	ug/l
	MW42	MW42	5/3/02	348491	(0.40)	U	ug/l
1,2-Dichloroethan	MW43A	MW43A	5/2/00	201711	(0.20)	U	ug/l
	MW43A	MW43A	5/3/02	348493	(0.40)	U	ug/l
1,2-Dichloroethan	MW44	MW44	5/2/00	201712	(0.20)	U	ug/l
	MW44	MW44	5/2/02	348230	(0.40)	U	ug/l
1,2-Dichloroethan	MW45	MW45	5/2/00	201713	(0.20)	U	ug/l
	MW45	MW45	5/3/02	348492	(0.40)	U	ug/l
1,2-Dichloroethan	RW01	RW1	8/23/89	105947	(5.0)	U	ug/l
	RW01	RW1 B	5/4/90	116209	(5.0)	U	ug/l
	RW01	RW1	5/4/90	116208	(5.0)	U	ug/l
1,2-Dichloroethan	RW02	RW2	8/23/89	105948	(5.0)	U	ug/l
1,2-Dichloroethan	RW04	RW4	11/8/91	140780	(10000)	U	ug/l
	RW04	MW04	5/6/02	348654	(0.40)	U	ug/l
1,2-Dichloroethan	RW05	RW5	8/23/89	105949	(5.0)	U	ug/l
	RW05	RW5	11/8/91	140781	(25.0)	U	ug/l
1,2-Dichloroethan	RW06	RW6	8/23/89	105950	(5.0)	U	ug/l
1,2-Dichloroethan	RW09	RW09D *	4/29/02	347416	(1.8)	U	ug/l
	RW09	RW09C *	4/29/02	347415	(0.40)	U	ug/l
	RW09	RW09A *	4/29/02	347413	(0.70)	U	ug/l
	RW09	RW09B *	4/29/02	347414	(0.70)	U	ug/l
1,2-Dichloroethan	RW10	RW10	5/9/02	349615	(0.40)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
1,2-Dichloroethan	RW11	RW11	12/2/91	141900	(5.0)	U	ug/l
	RW11	RW11	5/13/92	150810	(5.0)	U	ug/l
	RW11	RW11	9/9/92	154495	(5.0)	U	ug/l
	RW11	RW11	11/11/92	157673	(5.0)	U	ug/l
	RW11	RW11	5/24/93	167355	(5.0)	U	ug/l
	RW11	RW11	11/11/93	177725	(5.0)	U	ug/l
	RW11	RW11	5/11/94	187957	(1.0)	U	ug/l
	RW11	RW11	5/8/02	349137	(0.40)	U	ug/l
1,2-Dichloroethan	RW13	RW13	6/11/99	92394001	(0.21)	U	ug/l
	RW13	RW13	5/3/02	348495	(0.40)	U	ug/l
1,2-Dichloroethan	RW14	RW14	12/2/91	141899	(5.0)	U	ug/l
	RW14	RW14	5/13/92	150808	(5.0)	U	ug/l
	RW14	RW14	9/9/92	154497	(5.0)	U	ug/l
	RW14	RW14	11/13/92	157929	(5.0)	U	ug/l
	RW14	RW14	5/10/02	349625	(0.40)	U	ug/l
1,2-Dichloroethan	RW15	RW15C *	4/29/02	347409	(0.40)	U	ug/l
	RW15	RW15B *	4/29/02	347408	(0.40)	U	ug/l
	RW15	RW15D *	4/29/02	347410	(0.40)	U	ug/l
1,2-Dichloroethan	RW16	X16	4/26/91	130652	(25.0)	U	ug/l
	RW16	RW16B *	4/29/02	347412	18.0		ug/l
	RW16	RW16A *	4/29/02	347411	18.0		ug/l
1,2-Dichloroethan	RW32	MW32P	5/8/02	349146	(0.40)	U	ug/l
1,2-Dichloroethan	TH36	TH36	12/31/91	143553	(5.0)	U	ug/l
	TH36	TH36	5/13/92	150809	(5.0)	U	ug/l
	TH36	TH36	9/9/92	154496	(5.0)	U	ug/l
	TH36	TH36	11/13/92	157930	(5.0)	U	ug/l
	TH36	TH36	5/13/93	167353	(5.0)	U	ug/l
	TH36	TH36	11/11/93	177724	(5.0)	U	ug/l
	TH36	TH36	5/17/94	188272	(1.0)	U	ug/l
	TH36	TH36	5/9/02	349616	(0.40)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
cis-1,2-Dichloroethen	MW01	MW01A *	4/29/02	347417	(0.30)	U	ug/l
	MW01	MW01	4/30/02	347679	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW02A	MW2A	6/9/99	92343003	(0.52)	U	ug/l
	MW02A	MW2A	5/2/02	348228	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW03	MW3	6/9/99	92343004	(0.52)	U	ug/l
	MW03	MW03A *	4/29/02	347428	1.7		ug/l
	MW03	MW03	5/6/02	348653	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW04	MW4	6/9/99	92343005	7.2		ug/l
	MW04	MW04B *	4/29/02	347430	87.0		ug/l
	MW04	MW04A *	4/29/02	347429	89.0		ug/l
cis-1,2-Dichloroethen	MW05	MW05B *	4/29/02	347424	(0.30)	U	ug/l
	MW05	MW05A *	4/29/02	347423	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW06	MW6	6/9/99	92343002	(0.52)	U	ug/l
	MW06	MW06C *	4/29/02	347436	(0.30)	U	ug/l
	MW06	MW06A *	4/29/02	347434	(0.30)	U	ug/l
	MW06	MW06B *	4/29/02	347435	(0.30)	U	ug/l
	MW06	MW06	5/7/02	349141	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW13	MW13A *	4/29/02	347449	(0.30)	U	ug/l
	MW13	MW13AP *	4/29/02	347450	(0.30)	U	ug/l
	MW13	MW13	5/9/02	349622	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW15	RW15A *	4/29/02	347427	7.2		ug/l
	MW15	MW15	5/10/02	349626	5.7		ug/l
cis-1,2-Dichloroethen	MW16	MW16	5/3/02	348496	0.50		ug/l
cis-1,2-Dichloroethen	MW17	MW17A *	4/29/02	347444	(0.30)	U	ug/l
	MW17	MW17C *	4/29/02	347446	(0.30)	U	ug/l
	MW17	MW17B *	4/29/02	347445	(0.30)	U	ug/l
	MW17	MW17	5/6/02	348657	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW18	MW18	5/6/02	348659	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW19	MW19	5/7/02	349134	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW20	MW20A	4/29/02	347443	(0.30)	U	ug/l
	MW20	MW20	5/6/02	348658	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW21	MW21	5/8/02	349136	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW24	MW24	5/7/02	349142	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW26	MW26C *	4/29/02	347420	(0.30)	U	ug/l
	MW26	MW26B *	4/29/02	347419	(0.30)	U	ug/l
	MW26	MW26D *	4/29/02	347421	(0.30)	U	ug/l
	MW26	MW26E *	4/29/02	347422	(0.30)	U	ug/l
	MW26	MW26A *	4/29/02	347418	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW27	MW27	5/9/02	349623	(0.30)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
cis-1,2-Dichloroethen	MW28	MW28AA *	4/29/02	347425	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW28A	MW28AB *	4/29/02	347426	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW29	MW29	5/8/02	349139	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW30	MW30	5/10/02	349618	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW31	MW31P	5/9/02	349614	(0.30)	U	ug/l
	MW31	MW31	5/9/02	349613	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW32	MW32B *	4/29/02	347448	4.4		ug/l
	MW32	MW32A *	4/29/02	347447	4.0		ug/l
	MW32	MW32	5/8/02	349145	3.9		ug/l
cis-1,2-Dichloroethen	MW33A	MW33A	6/11/99	92394002	(0.52)	U	ug/l
	MW33A	MW33AA *	4/29/02	347441	(0.30)	U	ug/l
	MW33A	MW33AP *	4/29/02	347442	(0.30)	U	ug/l
	MW33A	MW33A	5/1/02	348225	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW34	MW34	6/11/99	92394003	(0.52)	U	ug/l
	MW34	MW34B *	4/29/02	347438	7.6		ug/l
	MW34	MW34A *	4/29/02	347437	1.2		ug/l
	MW34	MW34	5/1/02	348226	6.1		ug/l
cis-1,2-Dichloroethen	MW35	MW35	6/11/99	92394004	(0.52)	U	ug/l
	MW35	MW35B *	4/29/02	347440	1.3		ug/l
	MW35	MW35A *	4/29/02	347439	1.2		ug/l
	MW35	MW35	5/2/02	348229	1.4		ug/l
cis-1,2-Dichloroethen	MW36	MW36	6/16/99	92459001	(0.52)	U	ug/l
	MW36	MW36	5/6/02	348655	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW37	MW37	6/16/99	92459002	(0.52)	U	ug/l
	MW37	MW37	4/30/02	347681	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW38	MW38	6/16/99	92459003	(0.52)	U	ug/l
	MW38	MW38A *	4/29/02	347431	(0.30)	U	ug/l
	MW38	MW38C *	4/29/02	347433	(0.30)	U	ug/l
	MW38	MW38B *	4/29/02	347432	(0.30)	U	ug/l
	MW38	MW38	4/30/02	347682	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW39	MW39	6/18/99	92495001	(0.52)	U	ug/l
	MW39	MW39	5/8/02	349144	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW40	MW40	5/2/00	201708	(0.40)	U	ug/l
	MW40	MW40	5/3/02	348494	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW41	MW41	5/2/00	201709	(0.40)	U	ug/l
	MW41	MW41	5/10/02	349619	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW42	MW42	5/2/00	201710	(0.40)	U	ug/l
	MW42	MW42	5/3/02	348491	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW43A	MW43A	5/2/00	201711	(0.40)	U	ug/l
	MW43A	MW43A	5/3/02	348493	(0.30)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
cis-1,2-Dichloroethen	MW44	MW44	5/2/00	201712	(0.40)	U	ug/l
	MW44	MW44	5/2/02	348230	(0.30)	U	ug/l
cis-1,2-Dichloroethen	MW45	MW45	5/2/00	201713	(0.40)	U	ug/l
	MW45	MW45	5/3/02	348492	(0.30)	U	ug/l
cis-1,2-Dichloroethen	RW04	MW04	5/6/02	348654	97.0		ug/l
cis-1,2-Dichloroethen	RW09	RW09A *	4/29/02	347413	310		ug/l
	RW09	RW09D *	4/29/02	347416	27.0		ug/l
	RW09	RW09C *	4/29/02	347415	140		ug/l
	RW09	RW09B *	4/29/02	347414	260		ug/l
cis-1,2-Dichloroethen	RW10	RW10	5/9/02	349615	(0.30)	U	ug/l
cis-1,2-Dichloroethen	RW11	RW11	5/8/02	349137	(0.30)	U	ug/l
cis-1,2-Dichloroethen	RW13	RW13	6/11/99	92394001	(0.52)	U	ug/l
	RW13	RW13	5/3/02	348495	(0.30)	U	ug/l
cis-1,2-Dichloroethen	RW14	RW14	5/10/02	349625	1.8		ug/l
cis-1,2-Dichloroethen	RW15	RW15D *	4/29/02	347410	7.7		ug/l
	RW15	RW15B *	4/29/02	347408	8.0		ug/l
	RW15	RW15C *	4/29/02	347409	8.2		ug/l
cis-1,2-Dichloroethen	RW16	RW16B *	4/29/02	347412	(3.1)	U	ug/l
	RW16	RW16A *	4/29/02	347411	(3.1)	U	ug/l
cis-1,2-Dichloroethen	RW32	MW32P	5/8/02	349146	3.8		ug/l
cis-1,2-Dichloroethen	TH36	TH36	5/9/02	349616	2.1		ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Methylene Chloride	MW01	MW1	1/4/90	111372	(5.0)	U	ug/l
	MW01	MW1	1/9/91	126327	(5.0)	U	ug/l
	MW01	MW1	11/27/91	141868	(5.0)	U	ug/l
	MW01	MW1	5/12/92	149519	8.0		ug/l
	MW01	MW1	11/10/92	157615	(5.0)	U	ug/l
	MW01	MW1	5/12/93	166597	(5.0)	U	ug/l
	MW01	MW1	11/10/93	177617	(5.0)	U	ug/l
	MW01	MW1	5/10/94	187877	6.0	B	ug/l
	MW01	MW01A *	4/29/02	347417	(0.90)	U	ug/l
	MW01	MW01	4/30/02	347679	(0.90)	U	ug/l
Methylene Chloride	MW02	MW2	1/11/89	96943	6.0		ug/l
	MW02	MW2	1/9/91	126328	(5.0)	U	ug/l
Methylene Chloride	MW02A	MW2A	1/4/90	111373	(5.0)	U	ug/l
	MW02A	MW2A RE	6/17/92	150826	10.0	B	ug/l
	MW02A	MW2A	9/9/92	154494	(5.0)	U	ug/l
	MW02A	MW2A	11/10/92	157616	(5.0)	U	ug/l
	MW02A	MW2A	5/12/93	166598	5.0	J	ug/l
	MW02A	MW2A	5/10/94	187878	7.0	B	ug/l
	MW02A	MW2A	6/9/99	92343003	(1.1)	U	ug/l
	MW02A	MW2A	5/2/02	348228	(0.90)	U	ug/l
Methylene Chloride	MW03	MW3	1/11/89	96944	(5.0)	U	ug/l
	MW03	MW3	1/4/90	111374	(5.0)	U	ug/l
	MW03	MW3	1/10/91	126421	(5.0)	U	ug/l
	MW03	MW3	5/12/92	149520	5.0	*	ug/l
	MW03	MW3	9/2/92	154207	(5.0)	U	ug/l
	MW03	MW3	11/10/92	157617	(5.0)	U	ug/l
	MW03	MW3	5/12/93	166599	5.0	J	ug/l
	MW03	MW3	5/10/94	187879	7.0	B	ug/l
	MW03	MW3	6/9/99	92343004	(1.1)	U	ug/l
	MW03	MW03A *	4/29/02	347428	(0.90)	U	ug/l
	MW03	MW03	5/6/02	348653	(0.90)	U	ug/l
Methylene Chloride	MW04	MW4	1/11/89	96945	7.0		ug/l
	MW04	MW4	1/4/90	111375	(5.0)	U	ug/l
	MW04	MW4	1/10/91	126422	(5.0)	U	ug/l
	MW04	MW4	5/12/92	149521	(5.0)	U	ug/l
	MW04	MW4	9/2/92	154208	(5.0)	U	ug/l
	MW04	MW4	11/11/92	157671	(5.0)	U	ug/l
	MW04	MW4	5/13/93	166648	(5.0)	U	ug/l
	MW04	MW4	5/10/94	187880	7.0	B	ug/l
	MW04	MW4	6/9/99	92343005	(1.1)	U	ug/l
	MW04	MW04B *	4/29/02	347430	(0.90)	U	ug/l
	MW04	MW04A *	4/29/02	347429	(0.90)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Methylene Chloride	MW05	MW5	1/11/89	96946	6.0		ug/l
	MW05	MW5	1/4/90	111376	(5.0)	U	ug/l
	MW05	MW5	1/10/91	126423	(5.0)	U	ug/l
	MW05	MW5	5/18/92	149707	(5.0)	U	ug/l
	MW05	MW5	5/24/93	167356	(5.0)	U	ug/l
	MW05	MW5	5/17/94	188273	(3.0)	U	ug/l
	MW05	MW05A *	4/29/02	347423	(0.90)	U	ug/l
	MW05	MW05B *	4/29/02	347424	(0.90)	U	ug/l
Methylene Chloride	MW06	MW6	5/18/92	149708	(5.0)	U	mg/l
	MW06	MW6	9/2/92	154209	(5.0)	U	ug/l
	MW06	MW6	11/11/92	157672	(5.0)	U	ug/l
	MW06	MW6	5/13/93	166649	(5.0)	U	ug/l
	MW06	MW6	5/11/94	187955	6.0	B	ug/l
	MW06	MW6	6/9/99	92343002	(1.1)	U	ug/l
	MW06	MW06B *	4/29/02	347435	(0.90)	U	ug/l
	MW06	MW06C *	4/29/02	347436	(0.90)	U	ug/l
	MW06	MW06A *	4/29/02	347434	(0.90)	U	ug/l
	MW06	MW06	5/7/02	349141	(0.90)	U	ug/l
Methylene Chloride	MW13	MW13	5/13/93	166650	(5.0)	U	ug/l
	MW13	MW13	11/10/93	177620	(5.0)	U	ug/l
	MW13	MW13	5/13/94	188143	(1.0)	U	ug/l
	MW13	MW13AP *	4/29/02	347450	(0.90)	U	ug/l
	MW13	MW13A *	4/29/02	347449	(0.90)	U	ug/l
	MW13	MW13	5/9/02	349622	(0.90)	U	ug/l
Methylene Chloride	MW15	RW15A *	4/29/02	347427	(0.90)	U	ug/l
	MW15	MW15	5/10/02	349626	(0.90)	U	ug/l
Methylene Chloride	MW16	MW16	5/21/93	167273	(5.0)	U	ug/l
	MW16	MW16	11/11/93	177726	(5.0)	U	ug/l
	MW16	MW16	5/13/94	188144	(1.0)	U	ug/l
	MW16	MW16	5/3/02	348496	(0.90)	U	ug/l
Methylene Chloride	MW17	MW17	5/14/93	166759	(5.0)	U	ug/l
	MW17	MW17Dup	11/10/93	177621	(5.0)	U	ug/l
	MW17	MW17	11/10/93	177618	(5.0)	U	ug/l
	MW17	MW17	5/11/94	187956	7.0	B	ug/l
	MW17	MW17B *	4/29/02	347445	(0.90)	U	ug/l
	MW17	MW17C *	4/29/02	347446	(0.90)	U	ug/l
	MW17	MW17A *	4/29/02	347444	(0.90)	U	ug/l
	MW17	MW17	5/6/02	348657	(0.90)	U	ug/l
Methylene Chloride	MW18	MW18	5/6/02	348659	(0.90)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Methylene Chloride	MW19	MW19	5/21/93	167272	(5.0)	U	ug/l
	MW19	MW19	11/10/93	177619	(5.0)	U	ug/l
	MW19	MW19	5/13/94	188145	(1.0)	U	ug/l
	MW19	MW19	5/7/02	349134	(0.90)	U	ug/l
Methylene Chloride	MW20	MW20A	4/29/02	347443	(0.90)	U	ug/l
	MW20	MW20	5/6/02	348658	(0.90)	U	ug/l
Methylene Chloride	MW21	MW21	5/24/93	167354	(5.0)	U	ug/l
	MW21	MW21	11/11/93	177727	(5.0)	U	ug/l
	MW21	MW21	5/17/94	188271	3.0	J*	ug/l
	MW21	MW21	5/8/02	349136	(0.90)	U	ug/l
Methylene Chloride	MW24	MW24	5/7/02	349142	(0.90)	U	ug/l
Methylene Chloride	MW26	MW26D *	4/29/02	347421	(0.90)	U	ug/l
	MW26	MW26A *	4/29/02	347418	(0.90)	U	ug/l
	MW26	MW26C *	4/29/02	347420	(0.90)	U	ug/l
	MW26	MW26B *	4/29/02	347419	(0.90)	U	ug/l
	MW26	MW26E *	4/29/02	347422	(0.90)	U	ug/l
Methylene Chloride	MW27	MW27	5/9/02	349623	(0.90)	U	ug/l
Methylene Chloride	MW28	MW28AA *	4/29/02	347425	(0.90)	U	ug/l
Methylene Chloride	MW28A	MW28AB *	4/29/02	347426	(0.90)	U	ug/l
Methylene Chloride	MW29	MW29	5/8/02	349139	(0.90)	U	ug/l
Methylene Chloride	MW30	MW30	5/10/02	349618	(0.90)	U	ug/l
Methylene Chloride	MW31	MW31	5/9/02	349613	(0.90)	U	ug/l
	MW31	MW31P	5/9/02	349614	(0.90)	U	ug/l
Methylene Chloride	MW32	MW32B *	4/29/02	347448	(0.90)	U	ug/l
	MW32	MW32A *	4/29/02	347447	(0.90)	U	ug/l
	MW32	MW32	5/8/02	349145	(0.90)	U	ug/l
Methylene Chloride	MW33A	MW33A	6/11/99	92394002	(1.1)	U	ug/l
	MW33A	MW33AP *	4/29/02	347442	(0.90)	U	ug/l
	MW33A	MW33AA *	4/29/02	347441	(0.90)	U	ug/l
	MW33A	MW33A	5/1/02	348225	(0.90)	U	ug/l
Methylene Chloride	MW34	MW34	6/11/99	92394003	1.3		ug/l
	MW34	MW34B *	4/29/02	347438	(0.90)	U	ug/l
	MW34	MW34A *	4/29/02	347437	(0.90)	U	ug/l
	MW34	MW34	5/1/02	348226	(0.90)	U	ug/l
Methylene Chloride	MW35	MW35	6/11/99	92394004	(1.1)	U	ug/l
	MW35	MW35A *	4/29/02	347439	(0.90)	U	ug/l
	MW35	MW35B *	4/29/02	347440	(0.90)	U	ug/l
	MW35	MW35	5/2/02	348229	(0.90)	U	ug/l
Methylene Chloride	MW36	MW36	6/16/99	92459001	1.2	B	ug/l
	MW36	MW36	5/6/02	348655	(0.90)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Methylene Chloride	MW37	MW37	6/16/99	92459002	0.93	JB	ug/l
	MW37	MW37	4/30/02	347681	(0.90)	U	ug/l
Methylene Chloride	MW38	MW38	6/16/99	92459003	0.94	JB	ug/l
	MW38	MW38C *	4/29/02	347433	(0.90)	U	ug/l
	MW38	MW38B *	4/29/02	347432	(0.90)	U	ug/l
	MW38	MW38A *	4/29/02	347431	(0.90)	U	ug/l
	MW38	MW38	4/30/02	347682	(0.90)	U	ug/l
Methylene Chloride	MW39	MW39	6/18/99	92495001	1.1	B	ug/l
	MW39	MW39	5/8/02	349144	(0.90)	U	ug/l
Methylene Chloride	MW40	MW40	5/2/00	201708	(0.80)	U	ug/l
	MW40	MW40	5/3/02	348494	(0.90)	U	ug/l
Methylene Chloride	MW41	MW41	5/2/00	201709	(0.80)	U	ug/l
	MW41	MW41	5/10/02	349619	(0.90)	U	ug/l
Methylene Chloride	MW42	MW42	5/2/00	201710	(0.80)	U	ug/l
	MW42	MW42	5/3/02	348491	(0.90)	U	ug/l
Methylene Chloride	MW43A	MW43A	5/2/00	201711	(0.80)	U	ug/l
	MW43A	MW43A	5/3/02	348493	(0.90)	U	ug/l
Methylene Chloride	MW44	MW44	5/2/00	201712	(0.80)	U	ug/l
	MW44	MW44	5/2/02	348230	(0.90)	U	ug/l
Methylene Chloride	MW45	MW45	5/2/00	201713	(0.80)	U	ug/l
	MW45	MW45	5/3/02	348492	(0.90)	U	ug/l
Methylene Chloride	RW01	RW1	8/23/89	105947	(5.0)	U	ug/l
	RW01	RW1 B	5/4/90	116209	7.0	B	ug/l
	RW01	RW1	5/4/90	116208	(5.0)	U	ug/l
Methylene Chloride	RW02	RW2	8/23/89	105948	(5.0)	U	ug/l
Methylene Chloride	RW04	RW4	11/8/91	140780	(10000)	U	ug/l
	RW04	MW04	5/6/02	348654	(0.90)	U	ug/l
Methylene Chloride	RW05	RW5	8/23/89	105949	(5.0)	U	ug/l
	RW05	RW5	11/8/91	140781	(25.0)	U	ug/l
Methylene Chloride	RW06	RW6	8/23/89	105950	(5.0)	U	ug/l
Methylene Chloride	RW09	RW09B *	4/29/02	347414	(1.8)	U	ug/l
	RW09	RW09C *	4/29/02	347415	(0.90)	U	ug/l
	RW09	RW09D *	4/29/02	347416	(4.4)	U	ug/l
	RW09	RW09A *	4/29/02	347413	(1.8)	U	ug/l
Methylene Chloride	RW10	RW10	5/9/02	349615	(0.90)	U	ug/l

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Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Methylene Chloride	RW11	RW11	12/2/91	141900	(5.0)	U	ug/l
	RW11	RW11	5/13/92	150810	(5.0)	U	ug/l
	RW11	RW11	9/9/92	154495	(5.0)	U	ug/l
	RW11	RW11	11/11/92	157673	(5.0)	U	ug/l
	RW11	RW11	5/24/93	167355	21.0	B	ug/l
	RW11	RW11	11/11/93	177725	(5.0)	U	ug/l
	RW11	RW11	5/11/94	187957	7.0	B	ug/l
	RW11	RW11	5/8/02	349137	(0.90)	U	ug/l
Methylene Chloride	RW13	RW13	6/11/99	92394001	(1.1)	U	ug/l
	RW13	RW13	5/3/02	348495	(0.90)	U	ug/l
Methylene Chloride	RW14	RW14	12/2/91	141899	(5.0)	U	ug/l
	RW14	RW14	5/13/92	150808	(5.0)	U	ug/l
	RW14	RW14	9/9/92	154497	(5.0)	U	ug/l
	RW14	RW14	11/13/92	157929	(5.0)	U	ug/l
	RW14	RW14	5/10/02	349625	(0.90)	U	ug/l
Methylene Chloride	RW15	RW15C *	4/29/02	347409	(0.90)	U	ug/l
	RW15	RW15B *	4/29/02	347408	(0.90)	U	ug/l
	RW15	RW15D *	4/29/02	347410	(0.90)	U	ug/l
Methylene Chloride	RW16	X16	4/26/91	130652	(25.0)	U	ug/l
	RW16	RW16A *	4/29/02	347411	(8.8)	U	ug/l
	RW16	RW16B *	4/29/02	347412	(8.8)	U	ug/l
Methylene Chloride	RW32	MW32P	5/8/02	349146	(0.90)	U	ug/l
Methylene Chloride	TH36	TH36	12/31/91	143553	(5.0)	U	ug/l
	TH36	TH36	5/13/92	150809	(5.0)	U	ug/l
	TH36	TH36	9/9/92	154496	(5.0)	U	ug/l
	TH36	TH36	11/13/92	157930	(5.0)	U	ug/l
	TH36	TH36	5/13/93	167353	35.0	B	ug/l
	TH36	TH36	11/11/93	177724	(5.0)	U	ug/l
	TH36	TH36	5/17/94	188272	(3.0)	U	ug/l
	TH36	TH36	5/9/02	349616	(0.90)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Tetrachloroethen	MW01	MW1	1/4/90	111372	(5.0)	U	ug/l
	MW01	MW1	1/9/91	126327	(5.0)	U	ug/l
	MW01	MW1	11/27/91	141868	(5.0)	U	ug/l
	MW01	MW1	5/12/92	149519	(5.0)	U	ug/l
	MW01	MW1	11/10/92	157615	(5.0)	U	ug/l
	MW01	MW1	5/12/93	166597	(5.0)	U	ug/l
	MW01	MW1	11/10/93	177617	(5.0)	U	ug/l
	MW01	MW1	5/10/94	187877	(1.0)	U	ug/l
	MW01	MW01A *	4/29/02	347417	(0.20)	U	ug/l
	MW01	MW01	4/30/02	347679	(0.20)	U	ug/l
Tetrachloroethen	MW02	MW2	1/11/89	96943	(5.0)	U	ug/l
	MW02	MW2	1/9/91	126328	(5.0)	U	ug/l
Tetrachloroethen	MW02A	MW2A	1/4/90	111373	(5.0)	U	ug/l
	MW02A	MW2A RE	6/17/92	150826	(5.0)	U	ug/l
	MW02A	MW2A	9/9/92	154494	(5.0)	U	ug/l
	MW02A	MW2A	11/10/92	157616	(5.0)	U	ug/l
	MW02A	MW2A	5/12/93	166598	(5.0)	U	ug/l
	MW02A	MW2A	5/10/94	187878	(1.0)	U	ug/l
	MW02A	MW2A	6/9/99	92343003	(0.62)	U	ug/l
	MW02A	MW2A	5/2/02	348228	0.90		ug/l
Tetrachloroethen	MW03	MW3	1/11/89	96944	(5.0)	U	ug/l
	MW03	MW3	1/4/90	111374	(5.0)	U	ug/l
	MW03	MW3	1/10/91	126421	(5.0)	U	ug/l
	MW03	MW3	5/12/92	149520	34.0		ug/l
	MW03	MW3	9/2/92	154207	(5.0)	U	ug/l
	MW03	MW3	11/10/92	157617	(5.0)	U	ug/l
	MW03	MW3	5/12/93	166599	(5.0)	U	ug/l
	MW03	MW3	5/10/94	187879	(1.0)	U	ug/l
	MW03	MW3	6/9/99	92343004	(0.62)	U	ug/l
	MW03	MW03A *	4/29/02	347428	(0.20)	U	ug/l
	MW03	MW03	5/6/02	348653	(0.20)	U	ug/l
Tetrachloroethen	MW04	MW4	1/11/89	96945	47.0		ug/l
	MW04	MW4	1/4/90	111375	(5.0)	U	ug/l
	MW04	MW4	1/10/91	126422	4.0	J	ug/l
	MW04	MW4	5/12/92	149521	(5.0)	U	ug/l
	MW04	MW4	5/12/92	149521	5.0	*	ug/l
	MW04	MW4	9/2/92	154208	49.0		ug/l
	MW04	MW4	11/11/92	157671	52.0		ug/l
	MW04	MW4	5/13/93	166648	(5.0)	U	ug/l
	MW04	MW4	5/10/94	187880	(1.0)	U	ug/l
	MW04	MW4	6/9/99	92343005	(0.62)	U	ug/l
	MW04	MW04A *	4/29/02	347429	8.1		ug/l
	MW04	MW04B *	4/29/02	347430	7.9		ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Tetrachloroethen	MW05	MW5	1/11/89	96946	(5.0)	U	ug/l
	MW05	MW5	1/4/90	111376	(5.0)	U	ug/l
	MW05	MW5	1/10/91	126423	(5.0)	U	ug/l
	MW05	MW5	5/18/92	149707	(5.0)	U	ug/l
	MW05	MW5	5/24/93	167356	(5.0)	U	ug/l
	MW05	MW5	5/17/94	188273	(2.0)	U	ug/l
	MW05	MW05A *	4/29/02	347423	(0.20)	U	ug/l
	MW05	MW05B *	4/29/02	347424	(0.20)	U	ug/l
Tetrachloroethen	MW06	MW6	5/18/92	149708	(5.0)	U	mg/l
	MW06	MW6	9/2/92	154209	(5.0)	U	ug/l
	MW06	MW6	11/11/92	157672	(5.0)	U	ug/l
	MW06	MW6	5/13/93	166649	6.0		ug/l
	MW06	MW6	5/11/94	187955	(1.0)	U	ug/l
	MW06	MW6	6/9/99	92343002	(0.62)	U	ug/l
	MW06	MW06A *	4/29/02	347434	0.50		ug/l
	MW06	MW06C *	4/29/02	347436	0.30		ug/l
	MW06	MW06B *	4/29/02	347435	0.50		ug/l
	MW06	MW06	5/7/02	349141	0.40		ug/l
Tetrachloroethen	MW13	MW13	5/13/93	166650	(5.0)	U	ug/l
	MW13	MW13	11/10/93	177620	(5.0)	U	ug/l
	MW13	MW13	5/13/94	188143	(1.0)	U	ug/l
	MW13	MW13A *	4/29/02	347449	(0.20)	U	ug/l
	MW13	MW13AP *	4/29/02	347450	(0.20)	U	ug/l
	MW13	MW13	5/9/02	349622	(0.20)	U	ug/l
Tetrachloroethen	MW15	RW15A *	4/29/02	347427	0.70		ug/l
	MW15	MW15	5/10/02	349626	1.2		ug/l
Tetrachloroethen	MW16	MW16	5/21/93	167273	(5.0)	U	ug/l
	MW16	MW16	11/11/93	177726	(5.0)	U	ug/l
	MW16	MW16	5/13/94	188144	(1.0)	U	ug/l
	MW16	MW16	5/3/02	348496	8.2		ug/l
Tetrachloroethen	MW17	MW17	5/14/93	166759	(5.0)	U	ug/l
	MW17	MW17Dup	11/10/93	177621	(5.0)	U	ug/l
	MW17	MW17	11/10/93	177618	(5.0)	U	ug/l
	MW17	MW17	5/11/94	187956	(1.0)	U	ug/l
	MW17	MW17C *	4/29/02	347446	(0.20)	U	ug/l
	MW17	MW17A *	4/29/02	347444	(0.20)	U	ug/l
	MW17	MW17B *	4/29/02	347445	(0.20)	U	ug/l
	MW17	MW17	5/6/02	348657	0.70		ug/l
Tetrachloroethen	MW18	MW18	5/6/02	348659	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Tetrachloroethen	MW19	MW19	5/21/93	167272	(5.0)	U	ug/l
	MW19	MW19	11/10/93	177619	(5.0)	U	ug/l
	MW19	MW19	5/13/94	188145	(1.0)	U	ug/l
	MW19	MW19	5/7/02	349134	(0.20)	U	ug/l
Tetrachloroethen	MW20	MW20A	4/29/02	347443	(0.20)	U	ug/l
	MW20	MW20	5/6/02	348658	(0.20)	U	ug/l
Tetrachloroethen	MW21	MW21	5/24/93	167354	(5.0)	U	ug/l
	MW21	MW21	11/11/93	177727	(5.0)	U	ug/l
	MW21	MW21	5/17/94	188271	(2.0)	U	ug/l
	MW21	MW21	5/8/02	349136	(0.20)	U	ug/l
Tetrachloroethen	MW24	MW24	5/7/02	349142	(0.20)	U	ug/l
Tetrachloroethen	MW26	MW26B *	4/29/02	347419	(0.20)	U	ug/l
	MW26	MW26A *	4/29/02	347418	(0.20)	U	ug/l
	MW26	MW26C *	4/29/02	347420	(0.20)	U	ug/l
	MW26	MW26E *	4/29/02	347422	(0.20)	U	ug/l
	MW26	MW26D *	4/29/02	347421	(0.20)	U	ug/l
Tetrachloroethen	MW27	MW27	5/9/02	349623	(0.20)	U	ug/l
Tetrachloroethen	MW28	MW28AA *	4/29/02	347425	(0.20)	U	ug/l
Tetrachloroethen	MW28A	MW28AB *	4/29/02	347426	(0.20)	U	ug/l
Tetrachloroethen	MW29	MW29	5/8/02	349139	(0.20)	U	ug/l
Tetrachloroethen	MW30	MW30	5/10/02	349618	(0.20)	U	ug/l
Tetrachloroethen	MW31	MW31P	5/9/02	349614	(0.20)	U	ug/l
	MW31	MW31	5/9/02	349613	(0.20)	U	ug/l
Tetrachloroethen	MW32	MW32B *	4/29/02	347448	0.60		ug/l
	MW32	MW32A *	4/29/02	347447	0.60		ug/l
	MW32	MW32	5/8/02	349145	1.4		ug/l
Tetrachloroethen	MW33A	MW33A	6/11/99	92394002	(6.0)	U	ug/l
	MW33A	MW33AP *	4/29/02	347442	1.4		ug/l
	MW33A	MW33AA *	4/29/02	347441	1.3		ug/l
	MW33A	MW33A	5/1/02	348225	3.6		ug/l
Tetrachloroethen	MW34	MW34	6/11/99	92394003	(1.1)	U	ug/l
	MW34	MW34A *	4/29/02	347437	0.60		ug/l
	MW34	MW34B *	4/29/02	347438	2.5		ug/l
	MW34	MW34	5/1/02	348226	6.5		ug/l
Tetrachloroethen	MW35	MW35	6/11/99	92394004	7.9		ug/l
	MW35	MW35A *	4/29/02	347439	1.4		ug/l
	MW35	MW35B *	4/29/02	347440	2.6		ug/l
	MW35	MW35	5/2/02	348229	3.6		ug/l
Tetrachloroethen	MW36	MW36	6/16/99	92459001	(0.62)	U	ug/l
	MW36	MW36	5/6/02	348655	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Tetrachloroethen	MW37	MW37	6/16/99	92459002	(0.62)	U	ug/l
	MW37	MW37	4/30/02	347681	(0.20)	U	ug/l
Tetrachloroethen	MW38	MW38	6/16/99	92459003	(0.62)	U	ug/l
	MW38	MW38A *	4/29/02	347431	(0.20)	U	ug/l
	MW38	MW38B *	4/29/02	347432	(0.20)	U	ug/l
	MW38	MW38C *	4/29/02	347433	(0.20)	U	ug/l
	MW38	MW38	4/30/02	347682	(0.20)	U	ug/l
Tetrachloroethen	MW39	MW39	6/18/99	92495001	(0.62)	U	ug/l
	MW39	MW39	5/8/02	349144	(0.20)	U	ug/l
Tetrachloroethen	MW40	MW40	5/2/00	201708	(0.30)	U	ug/l
	MW40	MW40	5/3/02	348494	(0.20)	U	ug/l
Tetrachloroethen	MW41	MW41	5/2/00	201709	(0.30)	U	ug/l
	MW41	MW41	5/10/02	349619	(0.20)	U	ug/l
Tetrachloroethen	MW42	MW42	5/2/00	201710	(0.30)	U	ug/l
	MW42	MW42	5/3/02	348491	(0.20)	U	ug/l
Tetrachloroethen	MW43A	MW43A	5/2/00	201711	(0.30)	U	ug/l
	MW43A	MW43A	5/3/02	348493	(0.20)	U	ug/l
Tetrachloroethen	MW44	MW44	5/2/00	201712	(0.30)	U	ug/l
	MW44	MW44	5/2/02	348230	(0.20)	U	ug/l
Tetrachloroethen	MW45	MW45	5/2/00	201713	(0.30)	U	ug/l
	MW45	MW45	5/3/02	348492	(0.20)	U	ug/l
Tetrachloroethen	RW01	RW1	8/23/89	105947	(5.0)	U	ug/l
	RW01	RW1 B	5/4/90	116209	(5.0)	U	ug/l
	RW01	RW1	5/4/90	116208	(5.0)	U	ug/l
Tetrachloroethen	RW02	RW2	8/23/89	105948	(5.0)	U	ug/l
Tetrachloroethen	RW04	RW4	11/8/91	140780	(10000)	U	ug/l
	RW04	MW04	5/6/02	348654	14.0		ug/l
Tetrachloroethen	RW05	RW5	8/23/89	105949	(5.0)	U	ug/l
	RW05	RW5	11/8/91	140781	(25.0)	U	ug/l
Tetrachloroethen	RW06	RW6	8/23/89	105950	(5.0)	U	ug/l
Tetrachloroethen	RW09	RW09B *	4/29/02	347414	2.6		ug/l
	RW09	RW09A *	4/29/02	347413	3.4		ug/l
	RW09	RW09C *	4/29/02	347415	0.30		ug/l
	RW09	RW09D *	4/29/02	347416	(1.2)	U	ug/l
Tetrachloroethen	RW10	RW10	5/9/02	349615	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Tetrachloroethen	RW11	RW11	12/2/91	141900	(5.0)	U	ug/l
	RW11	RW11	5/13/92	150810	(5.0)	U	ug/l
	RW11	RW11	9/9/92	154495	2.0	J	ug/l
	RW11	RW11	11/11/92	157673	(5.0)	U	ug/l
	RW11	RW11	5/24/93	167355	3.0	J	ug/l
	RW11	RW11	11/11/93	177725	(5.0)	U	ug/l
	RW11	RW11	5/11/94	187957	(1.0)	U	ug/l
	RW11	RW11	5/8/02	349137	4.9		ug/l
Tetrachloroethen	RW13	RW13	6/11/99	92394001	(0.62)	U	ug/l
	RW13	RW13	5/3/02	348495	1.2		ug/l
Tetrachloroethen	RW14	RW14	12/2/91	141899	17.0		ug/l
	RW14	RW14	5/13/92	150808	(5.0)	U	ug/l
	RW14	RW14	9/9/92	154497	(5.0)	U	ug/l
	RW14	RW14	11/13/92	157929	(5.0)	U	ug/l
	RW14	RW14	5/10/02	349625	0.90		ug/l
Tetrachloroethen	RW15	RW15B *	4/29/02	347408	0.90		ug/l
	RW15	RW15C *	4/29/02	347409	0.70		ug/l
	RW15	RW15D *	4/29/02	347410	0.80		ug/l
Tetrachloroethen	RW16	X16	4/26/91	130652	(25.0)	U	ug/l
	RW16	RW16A *	4/29/02	347411	(2.4)	U	ug/l
	RW16	RW16B *	4/29/02	347412	(2.4)	U	ug/l
Tetrachloroethen	RW32	MW32P	5/8/02	349146	1.3		ug/l
Tetrachloroethen	TH36	TH36	12/31/91	143553	(5.0)	U	ug/l
	TH36	TH36	5/13/92	150809	(5.0)	U	ug/l
	TH36	TH36	9/9/92	154496	(5.0)	U	ug/l
	TH36	TH36	11/13/92	157930	(5.0)	U	ug/l
	TH36	TH36	5/13/93	167353	(5.0)	U	ug/l
	TH36	TH36	11/11/93	177724	(5.0)	U	ug/l
	TH36	TH36	5/17/94	188272	30.0		ug/l
	TH36	TH36	5/9/02	349616	2.5		ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Total-1,2-Dichloroether	MW01	MW1	1/4/90	111372	(5.0)	U	ug/l
	MW01	MW1	1/9/91	126327	3.0	J	ug/l
	MW01	MW1	11/27/91	141868	(5.0)	U	ug/l
	MW01	MW1	5/12/92	149519	(5.0)	U	ug/l
	MW01	MW1	11/10/92	157615	(5.0)	U	ug/l
	MW01	MW1	5/10/94	187877	(1.0)	U	ug/l
Total-1,2-Dichloroether	MW02	MW2	1/11/89	96943	(5.0)	U	ug/l
	MW02	MW2	1/9/91	126328	(5.0)	U	ug/l
Total-1,2-Dichloroether	MW02A	MW2A	1/4/90	111373	(5.0)	U	ug/l
	MW02A	MW2A RE	6/17/92	150826	(5.0)	U	ug/l
	MW02A	MW2A	9/9/92	154494	(5.0)	U	ug/l
	MW02A	MW2A	11/10/92	157616	(5.0)	U	ug/l
	MW02A	MW2A	5/10/94	187878	(1.0)	U	ug/l
Total-1,2-Dichloroether	MW03	MW3	1/11/89	96944	(5.0)	U	ug/l
	MW03	MW3	1/4/90	111374	(5.0)	U	ug/l
	MW03	MW3	1/10/91	126421	(5.0)	U	ug/l
	MW03	MW3	5/12/92	149520	170		ug/l
	MW03	MW3	9/2/92	154207	(5.0)	U	ug/l
	MW03	MW3	11/10/92	157617	(5.0)	U	ug/l
	MW03	MW3	5/10/94	187879	(1.0)	U	ug/l
Total-1,2-Dichloroether	MW04	MW4	1/11/89	96945	5.0		ug/l
	MW04	MW4	1/4/90	111375	(5.0)	U	ug/l
	MW04	MW4	1/10/91	126422	25.0		ug/l
	MW04	MW4	5/12/92	149521	(5.0)	U	ug/l
	MW04	MW4	9/2/92	154208	420		ug/l
	MW04	MW4	11/11/92	157671	300		ug/l
	MW04	MW4	5/10/94	187880	4.0		ug/l
Total-1,2-Dichloroether	MW05	MW5	1/11/89	96946	(5.0)	U	ug/l
	MW05	MW5	1/4/90	111376	(5.0)	U	ug/l
	MW05	MW5	1/10/91	126423	(5.0)	U	ug/l
	MW05	MW5	5/18/92	149707	(5.0)	U	ug/l
	MW05	MW5	5/17/94	188273	(2.0)	U	ug/l
Total-1,2-Dichloroether	MW06	MW6	5/18/92	149708	(5.0)	U	mg/l
	MW06	MW6	9/2/92	154209	(5.0)	U	ug/l
	MW06	MW6	11/11/92	157672	(5.0)	U	ug/l
	MW06	MW6	5/11/94	187955	(1.0)	U	ug/l
Total-1,2-Dichloroether	MW13	MW13	5/13/94	188143	(1.0)	U	ug/l
Total-1,2-Dichloroether	MW16	MW16	5/13/94	188144	(1.0)	U	ug/l
Total-1,2-Dichloroether	MW17	MW17	5/11/94	187956	(1.0)	U	ug/l
Total-1,2-Dichloroether	MW19	MW19	5/13/94	188145	(1.0)	U	ug/l
Total-1,2-Dichloroether	MW21	MW21	5/17/94	188271	(2.0)	U	ug/l

NOTES:

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Total-1,2-Dichloroether	RW01	RW1	8/23/89	105947	(5.0)	U	ug/l
	RW01	RW1 B	5/4/90	116209	(5.0)	U	ug/l
	RW01	RW1	5/4/90	116208	(5.0)	U	ug/l
Total-1,2-Dichloroether	RW02	RW2	8/23/89	105948	7.0		ug/l
Total-1,2-Dichloroether	RW04	RW4	11/8/91	140780	3.0	J	ug/l
Total-1,2-Dichloroether	RW05	RW5	8/23/89	105949	(5.0)	U	ug/l
	RW05	RW5	11/8/91	140781	3.0	J	ug/l
Total-1,2-Dichloroether	RW06	RW6	8/23/89	105950	(5.0)	U	ug/l
Total-1,2-Dichloroether	RW11	RW11	12/2/91	141900	(5.0)	U	ug/l
	RW11	RW11	5/13/92	150810	(5.0)	U	ug/l
	RW11	RW11	9/9/92	154495	(5.0)	U	ug/l
	RW11	RW11	11/11/92	157673	(5.0)	U	ug/l
	RW11	RW11	5/11/94	187957	(1.0)	U	ug/l
Total-1,2-Dichloroether	RW14	RW14	12/2/91	141899	(5.0)	U	ug/l
	RW14	RW14	5/13/92	150808	(5.0)	U	ug/l
	RW14	RW14	9/9/92	154497	(5.0)	U	ug/l
	RW14	RW14	11/13/92	157929	(5.0)	U	ug/l
Total-1,2-Dichloroether	RW16	X16	4/26/91	130652	(25.0)	U	ug/l
Total-1,2-Dichloroether	TH36	TH36	12/31/91	143553	3.0	J	ug/l
	TH36	TH36	5/13/92	150809	(5.0)	U	ug/l
	TH36	TH36	9/9/92	154496	(5.0)	U	ug/l
	TH36	TH36	11/13/92	157930	(5.0)	U	ug/l
	TH36	TH36	5/17/94	188272	62.0		ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Trans-1,2-Dichloroether	MW01	MW1	5/12/93	166597	(5.0)	U	ug/l
	MW01	MW1	11/10/93	177617	(5.0)	U	ug/l
	MW01	MW01A *	4/29/02	347417	(0.20)	U	ug/l
	MW01	MW01	4/30/02	347679	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW02A	MW2A	5/12/93	166598	(5.0)	U	ug/l
	MW02A	MW2A	6/9/99	92343003	(0.37)	U	ug/l
	MW02A	MW2A	5/2/02	348228	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW03	MW3	5/12/93	166599	(5.0)	U	ug/l
	MW03	MW3	6/9/99	92343004	(0.37)	U	ug/l
	MW03	MW03A *	4/29/02	347428	(0.20)	U	ug/l
	MW03	MW03	5/6/02	348653	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW04	MW4	5/13/93	166648	(5.0)	U	ug/l
	MW04	MW4	6/9/99	92343005	(0.37)	U	ug/l
	MW04	MW04A *	4/29/02	347429	0.70		ug/l
	MW04	MW04B *	4/29/02	347430	0.50		ug/l
Trans-1,2-Dichloroether	MW05	MW5	5/24/93	167356	(5.0)	U	ug/l
	MW05	MW05A *	4/29/02	347423	(0.20)	U	ug/l
	MW05	MW05B *	4/29/02	347424	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW06	MW6	5/13/93	166649	(5.0)	U	ug/l
	MW06	MW6	6/9/99	92343002	(0.37)	U	ug/l
	MW06	MW06B *	4/29/02	347435	(0.20)	U	ug/l
	MW06	MW06A *	4/29/02	347434	(0.20)	U	ug/l
	MW06	MW06C *	4/29/02	347436	(0.20)	U	ug/l
	MW06	MW06	5/7/02	349141	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW13	MW13	5/13/93	166650	(5.0)	U	ug/l
	MW13	MW13	11/10/93	177620	(5.0)	U	ug/l
	MW13	MW13AP *	4/29/02	347450	(0.20)	U	ug/l
	MW13	MW13A *	4/29/02	347449	(0.20)	U	ug/l
	MW13	MW13	5/9/02	349622	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW15	RW15A *	4/29/02	347427	(0.20)	U	ug/l
	MW15	MW15	5/10/02	349626	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW16	MW16	5/21/93	167273	(5.0)	U	ug/l
	MW16	MW16	11/11/93	177726	(5.0)	U	ug/l
	MW16	MW16	5/3/02	348496	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW17	MW17	5/14/93	166759	(5.0)	U	ug/l
	MW17	MW17	11/10/93	177618	(5.0)	U	ug/l
	MW17	MW17Dup	11/10/93	177621	(5.0)	U	ug/l
	MW17	MW17C *	4/29/02	347446	(0.20)	U	ug/l
	MW17	MW17A *	4/29/02	347444	(0.20)	U	ug/l
	MW17	MW17B *	4/29/02	347445	(0.20)	U	ug/l
	MW17	MW17	5/6/02	348657	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Trans-1,2-Dichloroether	MW18	MW18	5/6/02	348659	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW19	MW19	5/21/93	167272	(5.0)	U	ug/l
	MW19	MW19	11/10/93	177619	(5.0)	U	ug/l
	MW19	MW19	5/7/02	349134	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW20	MW20A	4/29/02	347443	(0.20)	U	ug/l
	MW20	MW20	5/6/02	348658	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW21	MW21	5/24/93	167354	(5.0)	U	ug/l
	MW21	MW21	11/11/93	177727	(5.0)	U	ug/l
	MW21	MW21	5/8/02	349136	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW24	MW24	5/7/02	349142	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW26	MW26E *	4/29/02	347422	(0.20)	U	ug/l
	MW26	MW26A *	4/29/02	347418	(0.20)	U	ug/l
	MW26	MW26C *	4/29/02	347420	(0.20)	U	ug/l
	MW26	MW26D *	4/29/02	347421	(0.20)	U	ug/l
	MW26	MW26B *	4/29/02	347419	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW27	MW27	5/9/02	349623	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW28	MW28AA *	4/29/02	347425	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW28A	MW28AB *	4/29/02	347426	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW29	MW29	5/8/02	349139	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW30	MW30	5/10/02	349618	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW31	MW31P	5/9/02	349614	(0.20)	U	ug/l
	MW31	MW31	5/9/02	349613	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW32	MW32B *	4/29/02	347448	(0.20)	U	ug/l
	MW32	MW32A *	4/29/02	347447	(0.20)	U	ug/l
	MW32	MW32	5/8/02	349145	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW33A	MW33A	6/11/99	92394002	(0.37)	U	ug/l
	MW33A	MW33AP *	4/29/02	347442	(0.20)	U	ug/l
	MW33A	MW33AA *	4/29/02	347441	(0.20)	U	ug/l
	MW33A	MW33A	5/1/02	348225	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW34	MW34	6/11/99	92394003	(0.37)	U	ug/l
	MW34	MW34B *	4/29/02	347438	(0.20)	U	ug/l
	MW34	MW34A *	4/29/02	347437	(0.20)	U	ug/l
	MW34	MW34	5/1/02	348226	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW35	MW35	6/11/99	92394004	(0.37)	U	ug/l
	MW35	MW35A *	4/29/02	347439	(0.20)	U	ug/l
	MW35	MW35B *	4/29/02	347440	(0.20)	U	ug/l
	MW35	MW35	5/2/02	348229	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW36	MW36	6/16/99	92459001	(0.37)	U	ug/l
	MW36	MW36	5/6/02	348655	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Trans-1,2-Dichloroether	MW37	MW37	6/16/99	92459002	(0.37)	U	ug/l
	MW37	MW37	4/30/02	347681	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW38	MW38	6/16/99	92459003	(0.37)	U	ug/l
	MW38	MW38A *	4/29/02	347431	(0.20)	U	ug/l
	MW38	MW38B *	4/29/02	347432	(0.20)	U	ug/l
	MW38	MW38C *	4/29/02	347433	(0.20)	U	ug/l
	MW38	MW38	4/30/02	347682	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW39	MW39	6/18/99	92495001	(0.37)	U	ug/l
	MW39	MW39	5/8/02	349144	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW40	MW40	5/2/00	201708	(0.40)	U	ug/l
	MW40	MW40	5/3/02	348494	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW41	MW41	5/2/00	201709	(0.40)	U	ug/l
	MW41	MW41	5/10/02	349619	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW42	MW42	5/2/00	201710	(0.40)	U	ug/l
	MW42	MW42	5/3/02	348491	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW43A	MW43A	5/2/00	201711	(0.40)	U	ug/l
	MW43A	MW43A	5/3/02	348493	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW44	MW44	5/2/00	201712	(0.40)	U	ug/l
	MW44	MW44	5/2/02	348230	(0.20)	U	ug/l
Trans-1,2-Dichloroether	MW45	MW45	5/2/00	201713	(0.40)	U	ug/l
	MW45	MW45	5/3/02	348492	(0.20)	U	ug/l
Trans-1,2-Dichloroether	RW04	MW04	5/6/02	348654	0.50		ug/l
Trans-1,2-Dichloroether	RW09	RW09C *	4/29/02	347415	0.80		ug/l
	RW09	RW09B *	4/29/02	347414	0.80		ug/l
	RW09	RW09A *	4/29/02	347413	0.60		ug/l
	RW09	RW09D *	4/29/02	347416	(1.2)	U	ug/l
Trans-1,2-Dichloroether	RW10	RW10	5/9/02	349615	(0.20)	U	ug/l
Trans-1,2-Dichloroether	RW11	RW11	5/24/93	167355	(5.0)	U	ug/l
	RW11	RW11	11/11/93	177725	(5.0)	U	ug/l
	RW11	RW11	5/8/02	349137	(0.20)	U	ug/l
Trans-1,2-Dichloroether	RW13	RW13	6/11/99	92394001	(0.37)	U	ug/l
	RW13	RW13	5/3/02	348495	(0.20)	U	ug/l
Trans-1,2-Dichloroether	RW14	RW14	5/10/02	349625	(0.20)	U	ug/l
Trans-1,2-Dichloroether	RW15	RW15D *	4/29/02	347410	(0.20)	U	ug/l
	RW15	RW15C *	4/29/02	347409	(0.20)	U	ug/l
	RW15	RW15B *	4/29/02	347408	(0.20)	U	ug/l
Trans-1,2-Dichloroether	RW16	RW16B *	4/29/02	347412	(2.3)	U	ug/l
	RW16	RW16A *	4/29/02	347411	(2.3)	U	ug/l
Trans-1,2-Dichloroether	RW32	MW32P	5/8/02	349146	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Trans-1,2-Dichloroether	TH36	TH36	5/13/93	167353	(5.0)	U	ug/l
	TH36	TH36	11/11/93	177724	(5.0)	U	ug/l
	TH36	TH36	5/9/02	349616	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Trichloroethylen	MW01	MW1	1/4/90	111372	(5.0)	U	ug/l
	MW01	MW1	1/9/91	126327	(5.0)	U	ug/l
	MW01	MW1	11/27/91	141868	(5.0)	U	ug/l
	MW01	MW1	5/12/92	149519	(5.0)	U	ug/l
	MW01	MW1	11/10/92	157615	(5.0)	U	ug/l
	MW01	MW1	5/12/93	166597	(5.0)	U	ug/l
	MW01	MW1	11/10/93	177617	(5.0)	U	ug/l
	MW01	MW1	5/10/94	187877	(2.0)	U	ug/l
	MW01	MW01A *	4/29/02	347417	(0.10)	U	ug/l
	MW01	MW01	4/30/02	347679	(0.10)	U	ug/l
Trichloroethylen	MW02	MW2	1/11/89	96943	4.0		ug/l
	MW02	MW2	1/9/91	126328	(5.0)	U	ug/l
Trichloroethylen	MW02A	MW2A	1/4/90	111373	(5.0)	U	ug/l
	MW02A	MW2A RE	6/17/92	150826	(5.0)	U	ug/l
	MW02A	MW2A	9/9/92	154494	(5.0)	U	ug/l
	MW02A	MW2A	11/10/92	157616	(5.0)	U	ug/l
	MW02A	MW2A	5/12/93	166598	(5.0)	U	ug/l
	MW02A	MW2A	5/10/94	187878	(2.0)	U	ug/l
	MW02A	MW2A	6/9/99	92343003	(0.44)	U	ug/l
	MW02A	MW2A	5/2/02	348228	0.60		ug/l
Trichloroethylen	MW03	MW3	1/11/89	96944	(5.0)	U	ug/l
	MW03	MW3	1/4/90	111374	(5.0)	U	ug/l
	MW03	MW3	1/10/91	126421	(5.0)	U	ug/l
	MW03	MW3	5/12/92	149520	58.0		ug/l
	MW03	MW3	9/2/92	154207	(5.0)	U	ug/l
	MW03	MW3	11/10/92	157617	(5.0)	U	ug/l
	MW03	MW3	5/12/93	166599	(5.0)	U	ug/l
	MW03	MW3	5/10/94	187879	(2.0)	U	ug/l
	MW03	MW3	6/9/99	92343004	2.3		ug/l
	MW03	MW03A *	4/29/02	347428	0.80		ug/l
	MW03	MW03	5/6/02	348653	(0.10)	U	ug/l
Trichloroethylen	MW04	MW4	1/11/89	96945	43.0		ug/l
	MW04	MW4	1/4/90	111375	(5.0)	U	ug/l
	MW04	MW4	1/10/91	126422	3.0	J	ug/l
	MW04	MW4	5/12/92	149521	(5.0)	U	ug/l
	MW04	MW4	9/2/92	154208	89.0		ug/l
	MW04	MW4	11/11/92	157671	92.0		ug/l
	MW04	MW4	5/13/93	166648	(5.0)	U	ug/l
	MW04	MW4	5/10/94	187880	(2.0)	U	ug/l
	MW04	MW4	6/9/99	92343005	1.7		ug/l
	MW04	MW04A *	4/29/02	347429	32.0		ug/l
	MW04	MW04B *	4/29/02	347430	31.0		ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Trichloroethylen	MW05	MW5	1/11/89	96946	(5.0)	U	ug/l
	MW05	MW5	1/4/90	111376	(5.0)	U	ug/l
	MW05	MW5	1/10/91	126423	(5.0)	U	ug/l
	MW05	MW5	5/18/92	149707	(5.0)	U	ug/l
	MW05	MW5	5/24/93	167356	(5.0)	U	ug/l
	MW05	MW5	5/17/94	188273	(3.0)	U	ug/l
	MW05	MW05B *	4/29/02	347424	(0.10)	U	ug/l
	MW05	MW05A *	4/29/02	347423	(0.10)	U	ug/l
Trichloroethylen	MW06	MW6	5/18/92	149708	13.0		mg/l
	MW06	MW6	9/2/92	154209	19.0		ug/l
	MW06	MW6	11/11/92	157672	13.0		ug/l
	MW06	MW6	5/13/93	166649	20.0		ug/l
	MW06	MW6	5/11/94	187955	12.0		ug/l
	MW06	MW6	6/9/99	92343002	2.3		ug/l
	MW06	MW06A *	4/29/02	347434	4.9		ug/l
	MW06	MW06B *	4/29/02	347435	4.6		ug/l
	MW06	MW06C *	4/29/02	347436	2.6		ug/l
	MW06	MW06	5/7/02	349141	1.9		ug/l
Trichloroethylen	MW13	MW13	5/13/93	166650	(5.0)	U	ug/l
	MW13	MW13	11/10/93	177620	(5.0)	U	ug/l
	MW13	MW13	5/13/94	188143	(2.0)	U	ug/l
	MW13	MW13A *	4/29/02	347449	(0.10)	U	ug/l
	MW13	MW13AP *	4/29/02	347450	(0.10)	U	ug/l
	MW13	MW13	5/9/02	349622	(0.10)	U	ug/l
Trichloroethylen	MW15	RW15A *	4/29/02	347427	3.1		ug/l
	MW15	MW15	5/10/02	349626	1.5		ug/l
Trichloroethylen	MW16	MW16	5/21/93	167273	(5.0)	U	ug/l
	MW16	MW16	11/11/93	177726	3.0	J	ug/l
	MW16	MW16	5/13/94	188144	(2.0)	U	ug/l
	MW16	MW16	5/3/02	348496	1.3		ug/l
Trichloroethylen	MW17	MW17	5/14/93	166759	(5.0)	U	ug/l
	MW17	MW17Dup	11/10/93	177621	(5.0)	U	ug/l
	MW17	MW17	11/10/93	177618	(5.0)	U	ug/l
	MW17	MW17	5/11/94	187956	(2.0)	U	ug/l
	MW17	MW17C *	4/29/02	347446	(0.10)	U	ug/l
	MW17	MW17B *	4/29/02	347445	(0.10)	U	ug/l
	MW17	MW17A *	4/29/02	347444	(0.10)	U	ug/l
	MW17	MW17	5/6/02	348657	(0.10)	U	ug/l
Trichloroethylen	MW18	MW18	5/6/02	348659	(0.10)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Trichloroethylen	MW19	MW19	5/21/93	167272	(5.0)	U	ug/l
	MW19	MW19	11/10/93	177619	(5.0)	U	ug/l
	MW19	MW19	5/13/94	188145	(2.0)	U	ug/l
	MW19	MW19	5/7/02	349134	0.60		ug/l
Trichloroethylen	MW20	MW20A	4/29/02	347443	(0.10)	U	ug/l
	MW20	MW20	5/6/02	348658	(0.10)	U	ug/l
Trichloroethylen	MW21	MW21	5/24/93	167354	(5.0)	U	ug/l
	MW21	MW21	11/11/93	177727	(5.0)	U	ug/l
	MW21	MW21	5/17/94	188271	(3.0)	U	ug/l
	MW21	MW21	5/8/02	349136	(0.10)	U	ug/l
Trichloroethylen	MW24	MW24	5/7/02	349142	(0.10)	U	ug/l
Trichloroethylen	MW26	MW26E *	4/29/02	347422	(0.10)	U	ug/l
	MW26	MW26D *	4/29/02	347421	(0.10)	U	ug/l
	MW26	MW26A *	4/29/02	347418	(0.10)	U	ug/l
	MW26	MW26B *	4/29/02	347419	(0.10)	U	ug/l
	MW26	MW26C *	4/29/02	347420	(0.10)	U	ug/l
Trichloroethylen	MW27	MW27	5/9/02	349623	(0.10)	U	ug/l
Trichloroethylen	MW28	MW28AA *	4/29/02	347425	(0.10)	U	ug/l
Trichloroethylen	MW28A	MW28AB *	4/29/02	347426	(0.10)	U	ug/l
Trichloroethylen	MW29	MW29	5/8/02	349139	(0.10)	U	ug/l
Trichloroethylen	MW30	MW30	5/10/02	349618	(0.10)	U	ug/l
Trichloroethylen	MW31	MW31P	5/9/02	349614	(0.10)	U	ug/l
	MW31	MW31	5/9/02	349613	(0.10)	U	ug/l
Trichloroethylen	MW32	MW32B *	4/29/02	347448	2.5		ug/l
	MW32	MW32A *	4/29/02	347447	2.4		ug/l
	MW32	MW32	5/8/02	349145	2.4		ug/l
Trichloroethylen	MW33A	MW33A	6/11/99	92394002	7.5		ug/l
	MW33A	MW33AA *	4/29/02	347441	3.2		ug/l
	MW33A	MW33AP *	4/29/02	347442	3.1		ug/l
	MW33A	MW33A	5/1/02	348225	3.8		ug/l
Trichloroethylen	MW34	MW34	6/11/99	92394003	2.3		ug/l
	MW34	MW34A *	4/29/02	347437	2.3		ug/l
	MW34	MW34B *	4/29/02	347438	7.7		ug/l
	MW34	MW34	5/1/02	348226	7.1		ug/l
Trichloroethylen	MW35	MW35	6/11/99	92394004	16.0		ug/l
	MW35	MW35B *	4/29/02	347440	12.0		ug/l
	MW35	MW35A *	4/29/02	347439	11.0		ug/l
	MW35	MW35	5/2/02	348229	9.2		ug/l
Trichloroethylen	MW36	MW36	6/16/99	92459001	(0.44)	U	ug/l
	MW36	MW36	5/6/02	348655	(0.10)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Trichloroethylen	MW37	MW37	6/16/99	92459002	(62.0)	U	ug/l
	MW37	MW37	4/30/02	347681	42.0		ug/l
Trichloroethylen	MW38	MW38	6/16/99	92459003	(0.44)	U	ug/l
	MW38	MW38B *	4/29/02	347432	(0.10)	U	ug/l
	MW38	MW38A *	4/29/02	347431	(0.10)	U	ug/l
	MW38	MW38C *	4/29/02	347433	(0.10)	U	ug/l
	MW38	MW38	4/30/02	347682	(0.10)	U	ug/l
Trichloroethylen	MW39	MW39	6/18/99	92495001	(0.44)	U	ug/l
	MW39	MW39	5/8/02	349144	(0.10)	U	ug/l
Trichloroethylen	MW40	MW40	5/2/00	201708	(0.40)	U	ug/l
	MW40	MW40	5/3/02	348494	(0.10)	U	ug/l
Trichloroethylen	MW41	MW41	5/2/00	201709	(0.40)	U	ug/l
	MW41	MW41	5/10/02	349619	(0.10)	U	ug/l
Trichloroethylen	MW42	MW42	5/2/00	201710	(0.40)	U	ug/l
	MW42	MW42	5/3/02	348491	(0.10)	U	ug/l
Trichloroethylen	MW43A	MW43A	5/2/00	201711	(0.40)	U	ug/l
	MW43A	MW43A	5/3/02	348493	(0.10)	U	ug/l
Trichloroethylen	MW44	MW44	5/2/00	201712	(0.40)	U	ug/l
	MW44	MW44	5/2/02	348230	(0.10)	U	ug/l
Trichloroethylen	MW45	MW45	5/2/00	201713	(0.40)	U	ug/l
	MW45	MW45	5/3/02	348492	(0.10)	U	ug/l
Trichloroethylen	RW01	RW1	8/23/89	105947	(5.0)	U	ug/l
	RW01	RW1 B	5/4/90	116209	5.0	J	ug/l
	RW01	RW1	5/4/90	116208	5.0		ug/l
Trichloroethylen	RW02	RW2	8/23/89	105948	(5.0)	U	ug/l
Trichloroethylen	RW04	RW4	11/8/91	140780	(10000)	U	ug/l
	RW04	MW04	5/6/02	348654	31.0		ug/l
Trichloroethylen	RW05	RW5	8/23/89	105949	(5.0)	U	ug/l
	RW05	RW5	11/8/91	140781	(25.0)	U	ug/l
Trichloroethylen	RW06	RW6	8/23/89	105950	(5.0)	U	ug/l
Trichloroethylen	RW09	RW09B *	4/29/02	347414	7.6		ug/l
	RW09	RW09C *	4/29/02	347415	2.1		ug/l
	RW09	RW09A *	4/29/02	347413	11.0		ug/l
	RW09	RW09D *	4/29/02	347416	(0.60)	U	ug/l
Trichloroethylen	RW10	RW10	5/9/02	349615	(0.10)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Trichloroethylen	RW11	RW11	12/2/91	141900	(5.0)	U	ug/l
	RW11	RW11	5/13/92	150810	(5.0)	U	ug/l
	RW11	RW11	9/9/92	154495	(5.0)	U	ug/l
	RW11	RW11	11/11/92	157673	(5.0)	U	ug/l
	RW11	RW11	5/24/93	167355	(5.0)	U	ug/l
	RW11	RW11	11/11/93	177725	(5.0)	U	ug/l
	RW11	RW11	5/11/94	187957	(2.0)	U	ug/l
	RW11	RW11	5/8/02	349137	(0.10)	U	ug/l
Trichloroethylen	RW13	RW13	6/11/99	92394001	(0.44)	U	ug/l
	RW13	RW13	5/3/02	348495	(0.10)	U	ug/l
Trichloroethylen	RW14	RW14	12/2/91	141899	(5.0)	U	ug/l
	RW14	RW14	5/13/92	150808	(5.0)	U	ug/l
	RW14	RW14	9/9/92	154497	(5.0)	U	ug/l
	RW14	RW14	11/13/92	157929	2.0	J	ug/l
	RW14	RW14	5/10/02	349625	1.5		ug/l
Trichloroethylen	RW15	RW15B *	4/29/02	347408	3.4		ug/l
	RW15	RW15D *	4/29/02	347410	3.2		ug/l
	RW15	RW15C *	4/29/02	347409	3.3		ug/l
Trichloroethylen	RW16	X16	4/26/91	130652	(25.0)	U	ug/l
	RW16	RW16A *	4/29/02	347411	(1.2)	U	ug/l
	RW16	RW16B *	4/29/02	347412	(1.2)	U	ug/l
Trichloroethylen	RW32	MW32P	5/8/02	349146	2.1		ug/l
Trichloroethylen	TH36	TH36	12/31/91	143553	(5.0)	U	ug/l
	TH36	TH36	5/13/92	150809	(5.0)	U	ug/l
	TH36	TH36	9/9/92	154496	(5.0)	U	ug/l
	TH36	TH36	11/13/92	157930	(5.0)	U	ug/l
	TH36	TH36	5/13/93	167353	(5.0)	U	ug/l
	TH36	TH36	11/11/93	177724	(5.0)	U	ug/l
	TH36	TH36	5/17/94	188272	11.0		ug/l
	TH36	TH36	5/9/02	349616	0.90		ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Vinyl Chloride	MW01	MW1	1/4/90	111372	(5.0)	U	ug/l
	MW01	MW1	1/9/91	126327	(5.0)	U	ug/l
	MW01	MW1	11/27/91	141868	(5.0)	U	ug/l
	MW01	MW1	5/12/92	149519	(5.0)	U	ug/l
	MW01	MW1	11/10/92	157615	(5.0)	U	ug/l
	MW01	MW1	5/12/93	166597	(5.0)	U	ug/l
	MW01	MW1	11/10/93	177617	(5.0)	U	ug/l
	MW01	MW1	5/10/94	187877	(3.0)	U	ug/l
	MW01	MW01A *	4/29/02	347417	(0.30)	U	ug/l
	MW01	MW01	4/30/02	347679	(0.30)	U	ug/l
Vinyl Chloride	MW02	MW2	1/11/89	96943	(5.0)	U	ug/l
	MW02	MW2	1/9/91	126328	(5.0)	U	ug/l
Vinyl Chloride	MW02A	MW2A	1/4/90	111373	(5.0)	U	ug/l
	MW02A	MW2A RE	6/17/92	150826	(5.0)	U	ug/l
	MW02A	MW2A	9/9/92	154494	(5.0)	U	ug/l
	MW02A	MW2A	11/10/92	157616	(5.0)	U	ug/l
	MW02A	MW2A	5/12/93	166598	(5.0)	U	ug/l
	MW02A	MW2A	5/10/94	187878	(3.0)	U	ug/l
	MW02A	MW2A	6/9/99	92343003	(0.71)	U	ug/l
	MW02A	MW2A	5/2/02	348228	(0.30)	U	ug/l
Vinyl Chloride	MW03	MW3	1/11/89	96944	(5.0)	U	ug/l
	MW03	MW3	1/4/90	111374	(5.0)	U	ug/l
	MW03	MW3	1/10/91	126421	(5.0)	U	ug/l
	MW03	MW3	5/12/92	149520	33.0		ug/l
	MW03	MW3	9/2/92	154207	(5.0)	U	ug/l
	MW03	MW3	11/10/92	157617	(5.0)	U	ug/l
	MW03	MW3	5/12/93	166599	(5.0)	U	ug/l
	MW03	MW3	5/10/94	187879	(3.0)	U	ug/l
	MW03	MW3	6/9/99	92343004	(0.71)	U	ug/l
	MW03	MW03A *	4/29/02	347428	(0.30)	U	ug/l
	MW03	MW03	5/6/02	348653	(0.30)	U	ug/l
Vinyl Chloride	MW04	MW4	1/11/89	96945	15.0		ug/l
	MW04	MW4	1/4/90	111375	(5.0)	U	ug/l
	MW04	MW4	1/10/91	126422	5.0	J	ug/l
	MW04	MW4	5/12/92	149521	(5.0)	U	ug/l
	MW04	MW4	9/2/92	154208	52.0		ug/l
	MW04	MW4	11/11/92	157671	57.0		ug/l
	MW04	MW4	5/13/93	166648	(5.0)	U	ug/l
	MW04	MW4	5/10/94	187880	(3.0)	U	ug/l
	MW04	MW4	6/9/99	92343005	(2.5)	U	ug/l
	MW04	MW04B *	4/29/02	347430	26.0		ug/l
	MW04	MW04A *	4/29/02	347429	26.0		ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Vinyl Chloride	MW05	MW5	1/11/89	96946	(5.0)	U	ug/l
	MW05	MW5	1/4/90	111376	(5.0)	U	ug/l
	MW05	MW5	1/10/91	126423	(5.0)	U	ug/l
	MW05	MW5	5/18/92	149707	(5.0)	U	ug/l
	MW05	MW5	5/24/93	167356	(5.0)	U	ug/l
	MW05	MW5	5/17/94	188273	(4.0)	U	ug/l
	MW05	MW05A *	4/29/02	347423	(0.30)	U	ug/l
	MW05	MW05B *	4/29/02	347424	(0.30)	U	ug/l
Vinyl Chloride	MW06	MW6	5/18/92	149708	(5.0)	U	mg/l
	MW06	MW6	9/2/92	154209	(5.0)	U	ug/l
	MW06	MW6	11/11/92	157672	(5.0)	U	ug/l
	MW06	MW6	5/13/93	166649	(5.0)	U	ug/l
	MW06	MW6	5/11/94	187955	(3.0)	U	ug/l
	MW06	MW6	6/9/99	92343002	(0.71)	U	ug/l
	MW06	MW06A *	4/29/02	347434	(0.30)	U	ug/l
	MW06	MW06C *	4/29/02	347436	(0.30)	U	ug/l
	MW06	MW06B *	4/29/02	347435	(0.30)	U	ug/l
	MW06	MW06	5/7/02	349141	(0.30)	U	ug/l
Vinyl Chloride	MW13	MW13	5/13/93	166650	(5.0)	U	ug/l
	MW13	MW13	11/10/93	177620	(5.0)	U	ug/l
	MW13	MW13	5/13/94	188143	(3.0)	U	ug/l
	MW13	MW13A *	4/29/02	347449	(0.30)	U	ug/l
	MW13	MW13AP *	4/29/02	347450	(0.30)	U	ug/l
	MW13	MW13	5/9/02	349622	(0.30)	U	ug/l
Vinyl Chloride	MW15	RW15A *	4/29/02	347427	7.3		ug/l
	MW15	MW15	5/10/02	349626	(0.30)	U	ug/l
Vinyl Chloride	MW16	MW16	5/21/93	167273	(5.0)	U	ug/l
	MW16	MW16	11/11/93	177726	(5.0)	U	ug/l
	MW16	MW16	5/13/94	188144	(3.0)	U	ug/l
	MW16	MW16	5/3/02	348496	(0.30)	U	ug/l
Vinyl Chloride	MW17	MW17	5/14/93	166759	(5.0)	U	ug/l
	MW17	MW17Dup	11/10/93	177621	(5.0)	U	ug/l
	MW17	MW17	11/10/93	177618	(5.0)	U	ug/l
	MW17	MW17	5/11/94	187956	(3.0)	U	ug/l
	MW17	MW17C *	4/29/02	347446	(0.30)	U	ug/l
	MW17	MW17B *	4/29/02	347445	(0.30)	U	ug/l
	MW17	MW17A *	4/29/02	347444	(0.30)	U	ug/l
	MW17	MW17	5/6/02	348657	(0.30)	U	ug/l
Vinyl Chloride	MW18	MW18	5/6/02	348659	(0.30)	U	ug/l

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Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Vinyl Chloride	MW19	MW19	5/21/93	167272	(5.0)	U	ug/l
	MW19	MW19	11/10/93	177619	(5.0)	U	ug/l
	MW19	MW19	5/13/94	188145	(3.0)	U	ug/l
	MW19	MW19	5/7/02	349134	(0.30)	U	ug/l
Vinyl Chloride	MW20	MW20A	4/29/02	347443	(0.30)	U	ug/l
	MW20	MW20	5/6/02	348658	(0.30)	U	ug/l
Vinyl Chloride	MW21	MW21	5/24/93	167354	(5.0)	U	ug/l
	MW21	MW21	11/11/93	177727	(5.0)	U	ug/l
	MW21	MW21	5/17/94	188271	(4.0)	U	ug/l
	MW21	MW21	5/8/02	349136	(0.30)	U	ug/l
Vinyl Chloride	MW24	MW24	5/7/02	349142	(0.30)	U	ug/l
Vinyl Chloride	MW26	MW26D *	4/29/02	347421	(0.30)	U	ug/l
	MW26	MW26A *	4/29/02	347418	(0.30)	U	ug/l
	MW26	MW26C *	4/29/02	347420	(0.30)	U	ug/l
	MW26	MW26B *	4/29/02	347419	(0.30)	U	ug/l
	MW26	MW26E *	4/29/02	347422	(0.30)	U	ug/l
Vinyl Chloride	MW27	MW27	5/9/02	349623	(0.30)	U	ug/l
Vinyl Chloride	MW28	MW28AA *	4/29/02	347425	(0.30)	U	ug/l
Vinyl Chloride	MW28A	MW28AB *	4/29/02	347426	(0.30)	U	ug/l
Vinyl Chloride	MW29	MW29	5/8/02	349139	(0.30)	U	ug/l
Vinyl Chloride	MW30	MW30	5/10/02	349618	(0.30)	U	ug/l
Vinyl Chloride	MW31	MW31	5/9/02	349613	(0.30)	U	ug/l
	MW31	MW31P	5/9/02	349614	(0.30)	U	ug/l
Vinyl Chloride	MW32	MW32B *	4/29/02	347448	(0.30)	U	ug/l
	MW32	MW32A *	4/29/02	347447	(0.30)	U	ug/l
	MW32	MW32	5/8/02	349145	(0.30)	U	ug/l
Vinyl Chloride	MW33A	MW33A	6/11/99	92394002	(0.71)	U	ug/l
	MW33A	MW33AP *	4/29/02	347442	(0.30)	U	ug/l
	MW33A	MW33AA *	4/29/02	347441	(0.30)	U	ug/l
	MW33A	MW33A	5/1/02	348225	(0.30)	U	ug/l
Vinyl Chloride	MW34	MW34	6/11/99	92394003	(0.71)	U	ug/l
	MW34	MW34B *	4/29/02	347438	(0.30)	U	ug/l
	MW34	MW34A *	4/29/02	347437	(0.30)	U	ug/l
	MW34	MW34	5/1/02	348226	(0.30)	U	ug/l
Vinyl Chloride	MW35	MW35	6/11/99	92394004	(0.71)	U	ug/l
	MW35	MW35B *	4/29/02	347440	(0.30)	U	ug/l
	MW35	MW35A *	4/29/02	347439	(0.30)	U	ug/l
	MW35	MW35	5/2/02	348229	(0.30)	U	ug/l
Vinyl Chloride	MW36	MW36	6/16/99	92459001	(0.71)	U	ug/l
	MW36	MW36	5/6/02	348655	(0.30)	U	ug/l

NOTES:

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Vinyl Chloride	MW37	MW37	6/16/99	92459002	(0.71)	U	ug/l
	MW37	MW37	4/30/02	347681	(0.30)	U	ug/l
Vinyl Chloride	MW38	MW38	6/16/99	92459003	(0.71)	U	ug/l
	MW38	MW38C *	4/29/02	347433	(0.30)	U	ug/l
	MW38	MW38B *	4/29/02	347432	(0.30)	U	ug/l
	MW38	MW38A *	4/29/02	347431	(0.30)	U	ug/l
	MW38	MW38	4/30/02	347682	(0.30)	U	ug/l
Vinyl Chloride	MW39	MW39	6/18/99	92495001	(0.71)	U	ug/l
	MW39	MW39	5/8/02	349144	(0.30)	U	ug/l
Vinyl Chloride	MW40	MW40	5/2/00	201708	(0.70)	U	ug/l
	MW40	MW40	5/3/02	348494	(0.30)	U	ug/l
Vinyl Chloride	MW41	MW41	5/2/00	201709	(0.70)	U	ug/l
	MW41	MW41	5/10/02	349619	(0.30)	U	ug/l
Vinyl Chloride	MW42	MW42	5/2/00	201710	(0.70)	U	ug/l
	MW42	MW42	5/3/02	348491	(0.30)	U	ug/l
Vinyl Chloride	MW43A	MW43A	5/2/00	201711	(0.70)	U	ug/l
	MW43A	MW43A	5/3/02	348493	(0.30)	U	ug/l
Vinyl Chloride	MW44	MW44	5/2/00	201712	(0.70)	U	ug/l
	MW44	MW44	5/2/02	348230	(0.30)	U	ug/l
Vinyl Chloride	MW45	MW45	5/2/00	201713	(0.70)	U	ug/l
	MW45	MW45	5/3/02	348492	(0.30)	U	ug/l
Vinyl Chloride	RW01	RW1	8/23/89	105947	(5.0)	U	ug/l
	RW01	RW1	5/4/90	116208	(5.0)	U	ug/l
	RW01	RW1 B	5/4/90	116209	(5.0)	U	ug/l
Vinyl Chloride	RW02	RW2	8/23/89	105948	(5.0)	U	ug/l
Vinyl Chloride	RW04	RW4	11/8/91	140780	(10000)	U	ug/l
	RW04	MW04	5/6/02	348654	34.0		ug/l
Vinyl Chloride	RW05	RW5	8/23/89	105949	(5.0)	U	ug/l
	RW05	RW5	11/8/91	140781	(25.0)	U	ug/l
Vinyl Chloride	RW06	RW6	8/23/89	105950	(5.0)	U	ug/l
Vinyl Chloride	RW09	RW09D *	4/29/02	347416	330		ug/l
	RW09	RW09B *	4/29/02	347414	71.0		ug/l
	RW09	RW09C *	4/29/02	347415	180		ug/l
	RW09	RW09A *	4/29/02	347413	77.0		ug/l
Vinyl Chloride	RW10	RW10	5/9/02	349615	(0.30)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Chlorinated Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Vinyl Chloride	RW11	RW11	12/2/91	141900	(5.0)	U	ug/l
	RW11	RW11	5/13/92	150810	(5.0)	U	ug/l
	RW11	RW11	9/9/92	154495	(5.0)	U	ug/l
	RW11	RW11	11/11/92	157673	(5.0)	U	ug/l
	RW11	RW11	5/24/93	167355	(5.0)	U	ug/l
	RW11	RW11	11/11/93	177725	(5.0)	U	ug/l
	RW11	RW11	5/11/94	187957	(3.0)	U	ug/l
	RW11	RW11	5/8/02	349137	(0.30)	U	ug/l
Vinyl Chloride	RW13	RW13	6/11/99	92394001	(0.71)	U	ug/l
	RW13	RW13	5/3/02	348495	(0.30)	U	ug/l
Vinyl Chloride	RW14	RW14	12/2/91	141899	(5.0)	U	ug/l
	RW14	RW14	5/13/92	150808	(5.0)	U	ug/l
	RW14	RW14	9/9/92	154497	(5.0)	U	ug/l
	RW14	RW14	11/13/92	157929	(5.0)	U	ug/l
	RW14	RW14	5/10/02	349625	(0.30)	U	ug/l
Vinyl Chloride	RW15	RW15C *	4/29/02	347409	6.8		ug/l
	RW15	RW15D *	4/29/02	347410	7.6		ug/l
	RW15	RW15B *	4/29/02	347408	7.5		ug/l
Vinyl Chloride	RW16	X16	4/26/91	130652	(25.0)	U	ug/l
	RW16	RW16B *	4/29/02	347412	20.0		ug/l
	RW16	RW16A *	4/29/02	347411	19.0		ug/l
Vinyl Chloride	RW32	MW32P	5/8/02	349146	(0.30)	U	ug/l
Vinyl Chloride	TH36	TH36	12/31/91	143553	(5.0)	U	ug/l
	TH36	TH36	5/13/92	150809	(5.0)	U	ug/l
	TH36	TH36	9/9/92	154496	(5.0)	U	ug/l
	TH36	TH36	11/13/92	157930	(5.0)	U	ug/l
	TH36	TH36	5/13/93	167353	(5.0)	U	ug/l
	TH36	TH36	11/11/93	177724	(5.0)	U	ug/l
	TH36	TH36	5/17/94	188272	(4.0)	U	ug/l
	TH36	TH36	5/9/02	349616	(0.30)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Benzene	MW01	MW1	1/4/90	111372	(5.0)	U	ug/l
	MW01	MW1	1/9/91	126327	(5.0)	U	ug/l
	MW01	MW1	11/27/91	141868	(5.0)	U	ug/l
	MW01	MW1	2/25/92	146053	(1.0)	U	mg/l
	MW01	MW1	5/12/92	149519	(5.0)	U	ug/l
	MW01	MW1	8/4/92	152921	(1.0)	U	ug/l
	MW01	MW1	11/10/92	157615	(5.0)	U	ug/l
	MW01	MW1	2/15/93	162141	(1.0)	U	ug/l
	MW01	MW1	5/12/93	166597	(5.0)	U	ug/l
	MW01	MW1	8/10/93	172092	(1.0)	U	ug/l
	MW01	MW1	11/10/93	177617	(5.0)	U	ug/l
	MW01	MW1	2/9/94	182204	(5.0)	U	ug/l
	MW01	MW1	5/10/94	187877	(1.0)	U	ug/l
	MW01	MW1	8/9/94	193948	(0.30)	U	ug/l
	MW01	MW1	1/8/99	90080001	(0.26)	U	ug/l
	MW01	MW01A *	4/29/02	347417	(0.30)	U	ug/l
	MW01	MW01	4/30/02	347679	(0.30)	U	ug/l
Benzene	MW02	MW2	1/11/89	96943	(5.0)	U	ug/l
	MW02	MW2	1/9/91	126328	(5.0)	U	ug/l
	MW02	MW2	1/8/99	90080002	(0.26)	U	ug/l
Benzene	MW02A	MW2A	1/4/90	111373	(5.0)	U	ug/l
	MW02A	MW2A RE	6/17/92	150826	(5.0)	U	ug/l
	MW02A	MW2A	9/9/92	154494	(5.0)	U	ug/l
	MW02A	MW2A	11/10/92	157616	(5.0)	U	ug/l
	MW02A	MW2A	5/12/93	166598	(5.0)	U	ug/l
	MW02A	MW2A	5/10/94	187878	(1.0)	U	ug/l
	MW02A	MW2A	6/9/99	92343003	(0.26)	U	ug/l
	MW02A	MW2A	5/2/02	348228	(0.30)	U	ug/l
Benzene	MW03	MW3	1/11/89	96944	(5.0)	U	ug/l
	MW03	MW3	1/4/90	111374	(5.0)	U	ug/l
	MW03	MW3	1/10/91	126421	(5.0)	U	ug/l
	MW03	MW3	5/12/92	149520	(5.0)	U	ug/l
	MW03	MW3	9/2/92	154207	(5.0)	U	ug/l
	MW03	MW3	11/10/92	157617	(5.0)	U	ug/l
	MW03	MW3	5/12/93	166599	(5.0)	U	ug/l
	MW03	MW3	2/10/94	182268	(5.0)	U	ug/l
	MW03	MW3	5/10/94	187879	(1.0)	U	ug/l
	MW03	MW3	1/8/99	90080003	(0.26)	U	ug/l
	MW03	MW3	6/9/99	92343004	(0.26)	U	ug/l
	MW03	MW03A *	4/29/02	347428	(0.30)	U	ug/l
	MW03	MW03	5/6/02	348653	(0.30)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Benzene	MW04	MW4	1/11/89	96945	(5.0)	U	ug/l
	MW04	MW4	1/4/90	111375	(5.0)	U	ug/l
	MW04	MW4	1/10/91	126422	(5.0)	U	ug/l
	MW04	MW4	5/12/92	149521	(5.0)	U	ug/l
	MW04	MW4	9/2/92	154208	(5.0)	U	ug/l
	MW04	MW4	11/11/92	157671	(5.0)	U	ug/l
	MW04	MW4	5/13/93	166648	(5.0)	U	ug/l
	MW04	MW4	5/10/94	187880	(1.0)	U	ug/l
	MW04	MW4	1/8/99	90080004	(0.26)	U	ug/l
	MW04	MW4	6/9/99	92343005	(0.26)	U	ug/l
	MW04	MW04A *	4/29/02	347429	(0.30)	U	ug/l
	MW04	MW04B *	4/29/02	347430	(0.30)	U	ug/l
Benzene	MW05	MW5	1/11/89	96946	(5.0)	U	ug/l
	MW05	MW5	1/4/90	111376	(5.0)	U	ug/l
	MW05	MW5	1/10/91	126423	(5.0)	U	ug/l
	MW05	MW5	5/18/92	149707	(5.0)	U	ug/l
	MW05	MW5	5/24/93	167356	(5.0)	U	ug/l
	MW05	MW5	5/17/94	188273	(1.0)	U	ug/l
	MW05	MW05B *	4/29/02	347424	(0.30)	U	ug/l
	MW05	MW05A *	4/29/02	347423	(0.30)	U	ug/l
Benzene	MW06	MW6	5/18/92	149708	(5.0)	U	mg/l
	MW06	MW6	9/2/92	154209	(5.0)	U	ug/l
	MW06	MW6	11/11/92	157672	(5.0)	U	ug/l
	MW06	MW6	5/13/93	166649	(5.0)	U	ug/l
	MW06	MW6	5/11/94	187955	(1.0)	U	ug/l
	MW06	MW6	1/8/99	90080005	(0.26)	U	ug/l
	MW06	MW6	6/9/99	92343002	(0.26)	U	ug/l
	MW06	MW06A *	4/29/02	347434	(0.30)	U	ug/l
	MW06	MW06B *	4/29/02	347435	(0.30)	U	ug/l
	MW06	MW06C *	4/29/02	347436	(0.30)	U	ug/l
	MW06	MW06	5/7/02	349141	(0.30)	U	ug/l
Benzene	MW13	MW13	2/24/93	162570	(1.0)	U	ug/l
	MW13	MW13	5/13/93	166650	(5.0)	U	ug/l
	MW13	MW13	8/11/93	172161	(1.0)	U	ug/l
	MW13	MW13	11/10/93	177620	(5.0)	U	ug/l
	MW13	MW13	2/15/94	182406	(5.0)	U	ug/l
	MW13	MW13	5/13/94	188143	(1.0)	U	ug/l
	MW13	MW13	8/11/94	194136	(0.30)	U	ug/l
	MW13	MW13	1/15/99	90165001	(0.26)	U	ug/l
	MW13	MW13A *	4/29/02	347449	(0.30)	U	ug/l
	MW13	MW13AP *	4/29/02	347450	(0.30)	U	ug/l
	MW13	MW13	5/9/02	349622	(0.30)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Benzene	MW15	MW15	1/19/99	90206003	(0.26)	U	ug/l
	MW15	RW15A *	4/29/02	347427	(0.30)	U	ug/l
	MW15	MW15	5/10/02	349626	(0.30)	U	ug/l
Benzene	MW16	MW16	2/25/93	162621	(1.0)	U	ug/l
	MW16	MW16	5/21/93	167273	(5.0)	U	ug/l
	MW16	MW16	11/11/93	177726	(5.0)	U	ug/l
	MW16	MW16	2/15/94	182407	(5.0)	U	ug/l
	MW16	MW16	5/13/94	188144	(1.0)	U	ug/l
	MW16	MW16	8/11/94	194138	(0.30)	U	ug/l
	MW16	MW16	1/12/99	90113002	(0.26)	U	ug/l
	MW16	MW16	5/3/02	348496	(0.30)	U	ug/l
Benzene	MW17	MW17	2/25/93	162619	(1.0)	U	ug/l
	MW17	MW17	5/14/93	166759	(5.0)	U	ug/l
	MW17	MW17Dup	11/10/93	177621	(5.0)	U	ug/l
	MW17	MW17	11/10/93	177618	(5.0)	U	ug/l
	MW17	MW17	2/15/94	182404	(5.0)	U	ug/l
	MW17	MW17	5/11/94	187956	(1.0)	U	ug/l
	MW17	MW17	8/10/94	194024	(0.30)	U	ug/l
	MW17	MW17	1/22/99	90297002	(0.26)	U	ug/l
	MW17	MW17B *	4/29/02	347445	(0.30)	U	ug/l
	MW17	MW17C *	4/29/02	347446	(0.30)	U	ug/l
	MW17	MW17A *	4/29/02	347444	(0.30)	U	ug/l
	MW17	MW17	5/6/02	348657	(0.30)	U	ug/l
Benzene	MW18	MW18	1/22/99	90297001	(0.26)	U	ug/l
	MW18	MW18	5/6/02	348659	(0.30)	U	ug/l
Benzene	MW19	MW19	2/25/93	162620	(1.0)	U	ug/l
	MW19	MW19	5/21/93	167272	(5.0)	U	ug/l
	MW19	MW19	11/10/93	177619	(5.0)	U	ug/l
	MW19	MW19	2/15/94	182405	(5.0)	U	ug/l
	MW19	MW19	5/13/94	188145	(1.0)	U	ug/l
	MW19	MW19Dup	8/10/94	194026	(0.30)	U	ug/l
	MW19	MW19	8/10/94	194025	(0.30)	U	ug/l
	MW19	MW19	1/15/99	90165002	(0.26)	U	ug/l
	MW19	MW19	5/7/02	349134	(0.30)	U	ug/l
Benzene	MW20	MW20	1/26/99	90321001	(0.26)	U	ug/l
	MW20	MW20A	4/29/02	347443	(0.30)	U	ug/l
	MW20	MW20	5/6/02	348658	(0.30)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Benzene	MW21	MW21	2/24/93	162569	(1.0)	U	ug/l
	MW21	MW21	5/24/93	167354	(5.0)	U	ug/l
	MW21	MW21	8/11/93	172162	(2.0)	U	ug/l
	MW21	MW21	11/11/93	177727	(5.0)	U	ug/l
	MW21	MW21	2/24/94	182706	(5.0)	U	ug/l
	MW21	MW21	5/17/94	188271	(1.0)	U	ug/l
	MW21	MW21	8/12/94	194289	(0.30)	U	ug/l
	MW21	MW21	5/8/02	349136	(0.30)	U	ug/l
Benzene	MW24	MW24	1/8/99	90080006	(0.26)	U	ug/l
	MW24	MW24	5/7/02	349142	(0.30)	U	ug/l
Benzene	MW25	MW25	1/26/99	90321003	(0.26)	U	ug/l
Benzene	MW26	MW26E *	4/29/02	347422	(0.30)	U	ug/l
	MW26	MW26D *	4/29/02	347421	(0.30)	U	ug/l
	MW26	MW26C *	4/29/02	347420	(0.30)	U	ug/l
	MW26	MW26B *	4/29/02	347419	(0.30)	U	ug/l
	MW26	MW26A *	4/29/02	347418	(0.30)	U	ug/l
Benzene	MW27	MW27	1/19/99	90206004	(0.26)	U	ug/l
	MW27	MW27	5/9/02	349623	(0.30)	U	ug/l
Benzene	MW28	MW28AA *	4/29/02	347425	(0.30)	U	ug/l
Benzene	MW28A	MW28AB *	4/29/02	347426	(0.30)	U	ug/l
Benzene	MW29	MW29	1/26/99	90321002	(0.26)	U	ug/l
	MW29	MW29	5/8/02	349139	(0.30)	U	ug/l
Benzene	MW30	MW30	1/22/99	90297003	(0.26)	U	ug/l
	MW30	MW30	5/10/02	349618	(0.30)	U	ug/l
Benzene	MW31	MW31	1/12/99	90113001	(0.26)	U	ug/l
	MW31	MW31	5/9/02	349613	(0.30)	U	ug/l
	MW31	MW31P	5/9/02	349614	(0.30)	U	ug/l
Benzene	MW32	MW32	1/12/99	90113004	(0.26)	U	ug/l
	MW32	MW32B *	4/29/02	347448	(0.30)	U	ug/l
	MW32	MW32A *	4/29/02	347447	(0.30)	U	ug/l
	MW32	MW32	5/8/02	349145	(0.30)	U	ug/l
Benzene	MW33A	MW33A	6/11/99	92394002	(0.26)	U	ug/l
	MW33A	MW33AP *	4/29/02	347442	(0.30)	U	ug/l
	MW33A	MW33AA *	4/29/02	347441	(0.30)	U	ug/l
	MW33A	MW33A	5/1/02	348225	(0.30)	U	ug/l
Benzene	MW34	MW34	6/11/99	92394003	(0.26)	U	ug/l
	MW34	MW34A *	4/29/02	347437	(0.30)	U	ug/l
	MW34	MW34B *	4/29/02	347438	(0.30)	U	ug/l
	MW34	MW34	5/1/02	348226	(0.30)	U	ug/l

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ug/l = micrograms per liter

APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Benzene	MW35	MW35	6/11/99	92394004	(0.26)	U	ug/l
	MW35	MW35B *	4/29/02	347440	(0.30)	U	ug/l
	MW35	MW35A *	4/29/02	347439	(0.30)	U	ug/l
	MW35	MW35	5/2/02	348229	(0.30)	U	ug/l
Benzene	MW36	MW36	6/16/99	92459001	(0.26)	U	ug/l
	MW36	MW36	5/6/02	348655	(0.30)	U	ug/l
Benzene	MW37	MW37	6/16/99	92459002	(0.26)	U	ug/l
	MW37	MW37	4/30/02	347681	(0.30)	U	ug/l
Benzene	MW38	MW38	6/16/99	92459003	(0.26)	U	ug/l
	MW38	MW38A *	4/29/02	347431	(0.30)	U	ug/l
	MW38	MW38C *	4/29/02	347433	(0.30)	U	ug/l
	MW38	MW38B *	4/29/02	347432	(0.30)	U	ug/l
	MW38	MW38	4/30/02	347682	(0.30)	U	ug/l
Benzene	MW39	MW39	6/18/99	92495001	(0.26)	U	ug/l
	MW39	MW39	5/8/02	349144	(0.30)	U	ug/l
Benzene	MW40	MW40	5/2/00	201708	(0.30)	U	ug/l
	MW40	MW40	5/3/02	348494	(0.30)	U	ug/l
Benzene	MW41	MW41	5/2/00	201709	(0.30)	U	ug/l
	MW41	MW41	5/10/02	349619	(0.30)	U	ug/l
Benzene	MW42	MW42	5/2/00	201710	(0.30)	U	ug/l
	MW42	MW42	5/3/02	348491	(0.30)	U	ug/l
Benzene	MW43A	MW43A	5/2/00	201711	(0.30)	U	ug/l
	MW43A	MW43A	5/3/02	348493	(0.30)	U	ug/l
Benzene	MW44	MW44	5/2/00	201712	(0.30)	U	ug/l
	MW44	MW44	5/2/02	348230	(0.30)	U	ug/l
Benzene	MW45	MW45	5/2/00	201713	(0.30)	U	ug/l
	MW45	MW45	5/3/02	348492	(0.30)	U	ug/l
Benzene	RW01	RW1	8/23/89	105947	(5.0)	U	ug/l
	RW01	RW1 B	5/4/90	116209	(5.0)	U	ug/l
	RW01	RW1	5/4/90	116208	(5.0)	U	ug/l
Benzene	RW02	RW2	8/23/89	105948	(5.0)	U	ug/l
Benzene	RW04	RW4	11/8/91	140780	(10000)	U	ug/l
	RW04	MW04	5/6/02	348654	(0.30)	U	ug/l
Benzene	RW05	RW5	8/23/89	105949	(5.0)	U	ug/l
	RW05	RW5	11/8/91	140781	(25.0)	U	ug/l
Benzene	RW06	RW6	8/23/89	105950	(5.0)	U	ug/l
Benzene	RW09	RW09C *	4/29/02	347415	(0.30)	U	ug/l
	RW09	RW09B *	4/29/02	347414	(0.60)	U	ug/l
	RW09	RW09D *	4/29/02	347416	(1.4)	U	ug/l
	RW09	RW09A *	4/29/02	347413	(0.60)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Benzene	RW10	RW10	1/19/99	90206001	(0.26)	U	ug/l
	RW10	RW10	5/9/02	349615	(0.30)	U	ug/l
Benzene	RW11	RW11	12/2/91	141900	(5.0)	U	ug/l
	RW11	RW11	5/13/92	150810	(5.0)	U	ug/l
	RW11	RW11	8/5/92	152982	(1.0)	U	ug/l
	RW11	RW11	9/9/92	154495	(5.0)	U	ug/l
	RW11	RW11	11/11/92	157673	(5.0)	U	ug/l
	RW11	RW11	2/17/93	162205	(1.0)	U	ug/l
	RW11	RW11	5/24/93	167355	(5.0)	U	ug/l
	RW11	RW11	11/11/93	177725	(5.0)	U	ug/l
	RW11	RW11	2/10/94	182271	(5.0)	U	ug/l
	RW11	RW11	5/11/94	187957	(1.0)	U	ug/l
	RW11	RW11	8/11/94	194137	(0.30)	U	ug/l
	RW11	RW11	1/26/99	90321004	(0.26)	U	ug/l
	RW11	RW11	5/8/02	349137	(0.30)	U	ug/l
Benzene	RW13	RW13	1/19/99	90206002	(0.26)	U	ug/l
	RW13	RW13	6/11/99	92394001	(0.26)	U	ug/l
	RW13	RW13	5/3/02	348495	(0.30)	U	ug/l
Benzene	RW14	RW14	12/2/91	141899	(5.0)	U	ug/l
	RW14	RW14	2/26/92	146087	(1.0)	U	mg/l
	RW14	RW14	5/13/92	150808	(5.0)	U	ug/l
	RW14	RW14	8/7/92	153108	(1.0)	U	ug/l
	RW14	RW14	9/9/92	154497	(5.0)	U	ug/l
	RW14	RW14	11/13/92	157929	(5.0)	U	ug/l
	RW14	RW14	5/10/02	349625	(0.30)	U	ug/l
Benzene	RW15	RW15D *	4/29/02	347410	(0.30)	U	ug/l
	RW15	RW15C *	4/29/02	347409	(0.30)	U	ug/l
	RW15	RW15B *	4/29/02	347408	(0.30)	U	ug/l
Benzene	RW16	X16	4/26/91	130652	(25.0)	U	ug/l
	RW16	RW16A *	4/29/02	347411	(2.9)	U	ug/l
	RW16	RW16B *	4/29/02	347412	(2.9)	U	ug/l
Benzene	RW32	MW32P	5/8/02	349146	(0.30)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Benzene	TH36	TH36	12/31/91	143553	(5.0)	U	ug/l
	TH36	TH36	2/28/92	146263	(1.0)	U	mg/l
	TH36	TH36	5/13/92	150809	(5.0)	U	ug/l
	TH36	TH36	8/10/92	153186	(1.0)	U	ug/l
	TH36	TH36	9/9/92	154496	(5.0)	U	ug/l
	TH36	TH36	11/13/92	157930	(5.0)	U	ug/l
	TH36	TH36	2/25/93	162622	(1.0)	U	ug/l
	TH36	TH36	5/13/93	167353	(5.0)	U	ug/l
	TH36	TH36	8/12/93	172231	(1.0)	U	mg/l
	TH36	TH36	11/11/93	177724	(5.0)	U	ug/l
	TH36	TH36	2/24/94	182705	(5.0)	U	ug/l
	TH36	TH36	5/17/94	188272	(1.0)	U	ug/l
	TH36	TH36	8/12/94	194288	(0.30)	U	ug/l
	TH36	TH36	1/12/99	90113003	(0.26)	U	ug/l
	TH36	TH36	5/9/02	349616	(0.30)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Ethylbenzene	MW01	MW1	1/4/90	111372	(5.0)	U	ug/l
	MW01	MW1	1/9/91	126327	(5.0)	U	ug/l
	MW01	MW1	11/27/91	141868	(5.0)	U	ug/l
	MW01	MW1	2/25/92	146053	(1.0)	U	mg/l
	MW01	MW1	5/12/92	149519	(5.0)	U	ug/l
	MW01	MW1	8/4/92	152921	(1.0)	U	ug/l
	MW01	MW1	11/10/92	157615	(5.0)	U	ug/l
	MW01	MW1	2/15/93	162141	(1.0)	U	ug/l
	MW01	MW1	5/12/93	166597	(5.0)	U	ug/l
	MW01	MW1	8/10/93	172092	(1.0)	U	ug/l
	MW01	MW1	11/10/93	177617	(5.0)	U	ug/l
	MW01	MW1	2/9/94	182204	(5.0)	U	ug/l
	MW01	MW1	5/10/94	187877	(1.0)	U	ug/l
	MW01	MW1	8/9/94	193948	(0.40)	U	ug/l
	MW01	MW1	1/8/99	90080001	(0.43)	U	ug/l
	MW01	MW01A *	4/29/02	347417	(0.20)	U	ug/l
	MW01	MW01	4/30/02	347679	(0.20)	U	ug/l
Ethylbenzene	MW02	MW2	1/11/89	96943	(5.0)	U	ug/l
	MW02	MW2	1/9/91	126328	(5.0)	U	ug/l
	MW02	MW2	1/8/99	90080002	(0.43)	U	ug/l
Ethylbenzene	MW02A	MW2A	1/4/90	111373	(5.0)	U	ug/l
	MW02A	MW2A RE	6/17/92	150826	(5.0)	U	ug/l
	MW02A	MW2A	9/9/92	154494	4.0	J	ug/l
	MW02A	MW2A	11/10/92	157616	(5.0)	U	ug/l
	MW02A	MW2A	5/12/93	166598	(5.0)	U	ug/l
	MW02A	MW2A	5/10/94	187878	(1.0)	U	ug/l
	MW02A	MW2A	6/9/99	92343003	(0.43)	U	ug/l
	MW02A	MW2A	5/2/02	348228	(0.20)	U	ug/l
Ethylbenzene	MW03	MW3	1/11/89	96944	(5.0)	U	ug/l
	MW03	MW3	1/4/90	111374	(5.0)	U	ug/l
	MW03	MW3	1/10/91	126421	(5.0)	U	ug/l
	MW03	MW3	5/12/92	149520	(5.0)	U	ug/l
	MW03	MW3	9/2/92	154207	(5.0)	U	ug/l
	MW03	MW3	11/10/92	157617	(5.0)	U	ug/l
	MW03	MW3	5/12/93	166599	(5.0)	U	ug/l
	MW03	MW3	2/10/94	182268	(5.0)	U	ug/l
	MW03	MW3	5/10/94	187879	(1.0)	U	ug/l
	MW03	MW3	1/8/99	90080003	(0.43)	U	ug/l
	MW03	MW3	6/9/99	92343004	(0.43)	U	ug/l
	MW03	MW03A *	4/29/02	347428	(0.20)	U	ug/l
	MW03	MW03	5/6/02	348653	(0.20)	U	ug/l

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Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Ethylbenzene	MW04	MW4	1/11/89	96945	8.0		ug/l
	MW04	MW4	1/4/90	111375	(5.0)	U	ug/l
	MW04	MW4	1/10/91	126422	(5.0)	U	ug/l
	MW04	MW4	5/12/92	149521	(5.0)	U	ug/l
	MW04	MW4	9/2/92	154208	(5.0)	U	ug/l
	MW04	MW4	11/11/92	157671	(5.0)	U	ug/l
	MW04	MW4	5/13/93	166648	(5.0)	U	ug/l
	MW04	MW4	5/10/94	187880	(1.0)	U	ug/l
	MW04	MW4	1/8/99	90080004	(0.43)	U	ug/l
	MW04	MW4	6/9/99	92343005	(0.43)	U	ug/l
	MW04	MW04B *	4/29/02	347430	(0.20)	U	ug/l
	MW04	MW04A *	4/29/02	347429	(0.20)	U	ug/l
Ethylbenzene	MW05	MW5	1/11/89	96946	(5.0)	U	ug/l
	MW05	MW5	1/4/90	111376	(5.0)	U	ug/l
	MW05	MW5	1/10/91	126423	(5.0)	U	ug/l
	MW05	MW5	5/18/92	149707	(5.0)	U	ug/l
	MW05	MW5	5/24/93	167356	(5.0)	U	ug/l
	MW05	MW5	5/17/94	188273	(1.0)	U	ug/l
	MW05	MW05B *	4/29/02	347424	(0.20)	U	ug/l
	MW05	MW05A *	4/29/02	347423	(0.20)	U	ug/l
Ethylbenzene	MW06	MW6	5/18/92	149708	(5.0)	U	mg/l
	MW06	MW6	9/2/92	154209	(5.0)	U	ug/l
	MW06	MW6	11/11/92	157672	(5.0)	U	ug/l
	MW06	MW6	5/13/93	166649	(5.0)	U	ug/l
	MW06	MW6	5/11/94	187955	(1.0)	U	ug/l
	MW06	MW6	1/8/99	90080005	(0.43)	U	ug/l
	MW06	MW6	6/9/99	92343002	(0.43)	U	ug/l
	MW06	MW06A *	4/29/02	347434	(0.20)	U	ug/l
	MW06	MW06C *	4/29/02	347436	(0.20)	U	ug/l
	MW06	MW06B *	4/29/02	347435	(0.20)	U	ug/l
	MW06	MW06	5/7/02	349141	(0.20)	U	ug/l
Ethylbenzene	MW13	MW13	2/24/93	162570	(1.0)	U	ug/l
	MW13	MW13	5/13/93	166650	(5.0)	U	ug/l
	MW13	MW13	8/11/93	172161	(1.0)	U	ug/l
	MW13	MW13	11/10/93	177620	(5.0)	U	ug/l
	MW13	MW13	2/15/94	182406	(5.0)	U	ug/l
	MW13	MW13	5/13/94	188143	(1.0)	U	ug/l
	MW13	MW13	8/11/94	194136	(0.40)	U	ug/l
	MW13	MW13	1/15/99	90165001	(0.43)	U	ug/l
	MW13	MW13A *	4/29/02	347449	(0.20)	U	ug/l
	MW13	MW13AP *	4/29/02	347450	(0.20)	U	ug/l
	MW13	MW13	5/9/02	349622	(0.20)	U	ug/l

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Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Ethylbenzene	MW15	MW15	1/19/99	90206003	(0.43)	U	ug/l
	MW15	RW15A *	4/29/02	347427	(0.20)	U	ug/l
	MW15	MW15	5/10/02	349626	(0.20)	U	ug/l
Ethylbenzene	MW16	MW16	2/25/93	162621	1.0		ug/l
	MW16	MW16	5/21/93	167273	(5.0)	U	ug/l
	MW16	MW16	11/11/93	177726	(5.0)	U	ug/l
	MW16	MW16	2/15/94	182407	(5.0)	U	ug/l
	MW16	MW16	5/13/94	188144	(1.0)	U	ug/l
	MW16	MW16	8/11/94	194138	(0.40)	U	ug/l
	MW16	MW16	1/12/99	90113002	(0.43)	U	ug/l
	MW16	MW16	5/3/02	348496	(0.20)	U	ug/l
Ethylbenzene	MW17	MW17	2/25/93	162619	(1.0)	U	ug/l
	MW17	MW17	5/14/93	166759	(5.0)	U	ug/l
	MW17	MW17	11/10/93	177618	(5.0)	U	ug/l
	MW17	MW17Dup	11/10/93	177621	(5.0)	U	ug/l
	MW17	MW17	2/15/94	182404	(5.0)	U	ug/l
	MW17	MW17	5/11/94	187956	(1.0)	U	ug/l
	MW17	MW17	8/10/94	194024	(0.40)	U	ug/l
	MW17	MW17	1/22/99	90297002	(0.43)	U	ug/l
	MW17	MW17C *	4/29/02	347446	(0.20)	U	ug/l
	MW17	MW17A *	4/29/02	347444	(0.20)	U	ug/l
	MW17	MW17B *	4/29/02	347445	(0.20)	U	ug/l
	MW17	MW17	5/6/02	348657	(0.20)	U	ug/l
Ethylbenzene	MW18	MW18	1/22/99	90297001	(0.43)	U	ug/l
	MW18	MW18	5/6/02	348659	(0.20)	U	ug/l
Ethylbenzene	MW19	MW19	2/25/93	162620	(1.0)	U	ug/l
	MW19	MW19	5/21/93	167272	(5.0)	U	ug/l
	MW19	MW19	11/10/93	177619	(5.0)	U	ug/l
	MW19	MW19	2/15/94	182405	(5.0)	U	ug/l
	MW19	MW19	5/13/94	188145	(1.0)	U	ug/l
	MW19	MW19	8/10/94	194025	(0.40)	U	ug/l
	MW19	MW19Dup	8/10/94	194026	(0.40)	U	ug/l
	MW19	MW19	1/15/99	90165002	(0.43)	U	ug/l
	MW19	MW19	5/7/02	349134	(0.20)	U	ug/l
Ethylbenzene	MW20	MW20	1/26/99	90321001	(0.43)	U	ug/l
	MW20	MW20A	4/29/02	347443	(0.20)	U	ug/l
	MW20	MW20	5/6/02	348658	(0.20)	U	ug/l

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Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Ethylbenzene	MW21	MW21	2/24/93	162569	(1.0)	U	ug/l
	MW21	MW21	5/24/93	167354	(5.0)	U	ug/l
	MW21	MW21	8/11/93	172162	(2.0)	U	ug/l
	MW21	MW21	11/11/93	177727	(5.0)	U	ug/l
	MW21	MW21	2/24/94	182706	(5.0)	U	ug/l
	MW21	MW21	5/17/94	188271	(1.0)	U	ug/l
	MW21	MW21	8/12/94	194289	(0.40)	U	ug/l
	MW21	MW21	5/8/02	349136	(0.20)	U	ug/l
Ethylbenzene	MW24	MW24	1/8/99	90080006	(0.43)	U	ug/l
	MW24	MW24	5/7/02	349142	(0.20)	U	ug/l
Ethylbenzene	MW25	MW25	1/26/99	90321003	(0.43)	U	ug/l
Ethylbenzene	MW26	MW26A *	4/29/02	347418	(0.20)	U	ug/l
	MW26	MW26D *	4/29/02	347421	(0.20)	U	ug/l
	MW26	MW26E *	4/29/02	347422	(0.20)	U	ug/l
	MW26	MW26B *	4/29/02	347419	(0.20)	U	ug/l
	MW26	MW26C *	4/29/02	347420	(0.20)	U	ug/l
Ethylbenzene	MW27	MW27	1/19/99	90206004	(0.43)	U	ug/l
	MW27	MW27	5/9/02	349623	(0.20)	U	ug/l
Ethylbenzene	MW28	MW28AA *	4/29/02	347425	(0.20)	U	ug/l
Ethylbenzene	MW28A	MW28AB *	4/29/02	347426	(0.20)	U	ug/l
Ethylbenzene	MW29	MW29	1/26/99	90321002	(0.43)	U	ug/l
	MW29	MW29	5/8/02	349139	(0.20)	U	ug/l
Ethylbenzene	MW30	MW30	1/22/99	90297003	(0.43)	U	ug/l
	MW30	MW30	5/10/02	349618	(0.20)	U	ug/l
Ethylbenzene	MW31	MW31	1/12/99	90113001	(0.43)	U	ug/l
	MW31	MW31	5/9/02	349613	(0.20)	U	ug/l
	MW31	MW31P	5/9/02	349614	(0.20)	U	ug/l
Ethylbenzene	MW32	MW32	1/12/99	90113004	(0.43)	U	ug/l
	MW32	MW32B *	4/29/02	347448	(0.20)	U	ug/l
	MW32	MW32A *	4/29/02	347447	(0.20)	U	ug/l
	MW32	MW32	5/8/02	349145	(0.20)	U	ug/l
Ethylbenzene	MW33A	MW33A	6/11/99	92394002	(0.43)	U	ug/l
	MW33A	MW33AP *	4/29/02	347442	(0.20)	U	ug/l
	MW33A	MW33AA *	4/29/02	347441	(0.20)	U	ug/l
	MW33A	MW33A	5/1/02	348225	(0.20)	U	ug/l
Ethylbenzene	MW34	MW34	6/11/99	92394003	(0.43)	U	ug/l
	MW34	MW34B *	4/29/02	347438	(0.20)	U	ug/l
	MW34	MW34A *	4/29/02	347437	(0.20)	U	ug/l
	MW34	MW34	5/1/02	348226	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Ethylbenzene	MW35	MW35	6/11/99	92394004	(0.43)	U	ug/l
	MW35	MW35B *	4/29/02	347440	(0.20)	U	ug/l
	MW35	MW35A *	4/29/02	347439	(0.20)	U	ug/l
	MW35	MW35	5/2/02	348229	(0.20)	U	ug/l
Ethylbenzene	MW36	MW36	6/16/99	92459001	(0.43)	U	ug/l
	MW36	MW36	5/6/02	348655	(0.20)	U	ug/l
Ethylbenzene	MW37	MW37	6/16/99	92459002	(0.43)	U	ug/l
	MW37	MW37	4/30/02	347681	(0.20)	U	ug/l
Ethylbenzene	MW38	MW38	6/16/99	92459003	(0.43)	U	ug/l
	MW38	MW38C *	4/29/02	347433	(0.20)	U	ug/l
	MW38	MW38B *	4/29/02	347432	(0.20)	U	ug/l
	MW38	MW38A *	4/29/02	347431	(0.20)	U	ug/l
	MW38	MW38	4/30/02	347682	(0.20)	U	ug/l
Ethylbenzene	MW39	MW39	6/18/99	92495001	(0.43)	U	ug/l
	MW39	MW39	5/8/02	349144	(0.20)	U	ug/l
Ethylbenzene	MW40	MW40	5/2/00	201708	(0.30)	U	ug/l
	MW40	MW40	5/3/02	348494	(0.20)	U	ug/l
Ethylbenzene	MW41	MW41	5/2/00	201709	(0.30)	U	ug/l
	MW41	MW41	5/10/02	349619	(0.20)	U	ug/l
Ethylbenzene	MW42	MW42	5/2/00	201710	(0.30)	U	ug/l
	MW42	MW42	5/3/02	348491	(0.20)	U	ug/l
Ethylbenzene	MW43A	MW43A	5/2/00	201711	(0.30)	U	ug/l
	MW43A	MW43A	5/3/02	348493	(0.20)	U	ug/l
Ethylbenzene	MW44	MW44	5/2/00	201712	(0.30)	U	ug/l
	MW44	MW44	5/2/02	348230	(0.20)	U	ug/l
Ethylbenzene	MW45	MW45	5/2/00	201713	(0.30)	U	ug/l
	MW45	MW45	5/3/02	348492	(0.20)	U	ug/l
Ethylbenzene	RW01	RW1	8/23/89	105947	(5.0)	U	ug/l
	RW01	RW1 B	5/4/90	116209	(5.0)	U	ug/l
	RW01	RW1	5/4/90	116208	(5.0)	U	ug/l
Ethylbenzene	RW02	RW2	8/23/89	105948	(5.0)	U	ug/l
Ethylbenzene	RW04	RW4	11/8/91	140780	4700(		ug/l
	RW04	MW04	5/6/02	348654	(0.20)	U	ug/l
Ethylbenzene	RW05	RW5	8/23/89	105949	(5.0)	U	ug/l
	RW05	RW5	11/8/91	140781	4700(		ug/l
Ethylbenzene	RW06	RW6	8/23/89	105950	(5.0)	U	ug/l
Ethylbenzene	RW09	RW09C *	4/29/02	347415	(0.20)	U	ug/l
	RW09	RW09B *	4/29/02	347414	(0.30)	U	ug/l
	RW09	RW09D *	4/29/02	347416	(0.80)	U	ug/l
	RW09	RW09A *	4/29/02	347413	(0.30)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Ethylbenzene	RW10	RW10	1/19/99	90206001	(0.43)	U	ug/l
	RW10	RW10	5/9/02	349615	(0.20)	U	ug/l
Ethylbenzene	RW11	RW11	12/2/91	141900	(5.0)	U	ug/l
	RW11	RW11	5/13/92	150810	(5.0)	U	ug/l
	RW11	RW11	8/5/92	152982	(1.0)	U	ug/l
	RW11	RW11	9/9/92	154495	(5.0)	U	ug/l
	RW11	RW11	11/11/92	157673	(5.0)	U	ug/l
	RW11	RW11	2/17/93	162205	(1.0)	U	ug/l
	RW11	RW11	5/24/93	167355	(5.0)	U	ug/l
	RW11	RW11	11/11/93	177725	(5.0)	U	ug/l
	RW11	RW11	2/10/94	182271	(5.0)	U	ug/l
	RW11	RW11	5/11/94	187957	(1.0)	U	ug/l
	RW11	RW11	8/11/94	194137	(0.40)	U	ug/l
	RW11	RW11	1/26/99	90321004	(0.43)	U	ug/l
	RW11	RW11	5/8/02	349137	(0.20)	U	ug/l
Ethylbenzene	RW13	RW13	1/19/99	90206002	(0.43)	U	ug/l
	RW13	RW13	6/11/99	92394001	(0.43)	U	ug/l
	RW13	RW13	5/3/02	348495	(0.20)	U	ug/l
Ethylbenzene	RW14	RW14	12/2/91	141899	(5.0)	U	ug/l
	RW14	RW14	2/26/92	146087	(1.0)	U	mg/l
	RW14	RW14	5/13/92	150808	(5.0)	U	ug/l
	RW14	RW14	8/7/92	153108	(1.0)	U	ug/l
	RW14	RW14	9/9/92	154497	(5.0)	U	ug/l
	RW14	RW14	11/13/92	157929	(5.0)	U	ug/l
	RW14	RW14	5/10/02	349625	(0.20)	U	ug/l
Ethylbenzene	RW15	RW15D *	4/29/02	347410	(0.20)	U	ug/l
	RW15	RW15B *	4/29/02	347408	(0.20)	U	ug/l
	RW15	RW15C *	4/29/02	347409	(0.20)	U	ug/l
Ethylbenzene	RW16	X16	4/26/91	130652	(25.0)	U	ug/l
	RW16	RW16A *	4/29/02	347411	(1.5)	U	ug/l
	RW16	RW16B *	4/29/02	347412	(1.5)	U	ug/l
Ethylbenzene	RW32	MW32P	5/8/02	349146	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Ethylbenzene	TH36	TH36	12/31/91	143553	(5.0)	U	ug/l
	TH36	TH36	2/28/92	146263	(1.0)	U	mg/l
	TH36	TH36	5/13/92	150809	(5.0)	U	ug/l
	TH36	TH36	8/10/92	153186	5.0		ug/l
	TH36	TH36	9/9/92	154496	(5.0)	U	ug/l
	TH36	TH36	11/13/92	157930	(5.0)	U	ug/l
	TH36	TH36	2/25/93	162622	15.0		ug/l
	TH36	TH36	5/13/93	167353	(5.0)	U	ug/l
	TH36	TH36	8/12/93	172231	(1.0)	U	mg/l
	TH36	TH36	11/11/93	177724	(5.0)	U	ug/l
	TH36	TH36	2/24/94	182705	(5.0)	U	ug/l
	TH36	TH36	5/17/94	188272	(1.0)	U	ug/l
	TH36	TH36	8/12/94	194288	(0.40)	U	ug/l
	TH36	TH36	1/12/99	90113003	(0.43)	U	ug/l
	TH36	TH36	5/9/02	349616	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Methyl Tertiary Butyl Ether (MTB	MW01	MW1	11/27/91	141868	(5.0)	U	ug/l
Methyl Tertiary Butyl Ether (MTB	MW36	MW36	6/16/99	92459001	17.0	J	ug/l
	MW36	MW36	5/6/02	348655	6.4		ug/l
Methyl Tertiary Butyl Ether (MTB	RW04	RW4	11/8/91	140780	(10000)	U	ug/l
Methyl Tertiary Butyl Ether (MTB	RW05	RW5	11/8/91	140781	(25.0)	U	ug/l
Methyl Tertiary Butyl Ether (MTB	RW11	RW11	12/2/91	141900	(5.0)	U	ug/l
Methyl Tertiary Butyl Ether (MTB	RW14	RW14	12/2/91	141899	(5.0)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Tertiary Butyl Alcohol (TB/	MW01	MW1	11/27/91	141868	(50.0)	U	ug/l
Tertiary Butyl Alcohol (TB/	RW04	RW4	11/8/91	140780	(100000	U	ug/l
Tertiary Butyl Alcohol (TB/	RW05	RW5	11/8/91	140781	(250)	U	ug/l
Tertiary Butyl Alcohol (TB/	RW11	RW11	12/2/91	141900	(50.0)	U	ug/l
Tertiary Butyl Alcohol (TB/	RW14	RW14	12/2/91	141899	(50.0)	U	ug/l

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Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Toluene	MW01	MW1	1/4/90	111372	(5.0)	U	ug/l
	MW01	MW1	1/9/91	126327	3.0	J	ug/l
	MW01	MW1	11/27/91	141868	170	J	ug/l
	MW01	MW1	11/27/91	141868	(5.0)	U	ug/l
	MW01	MW1	2/25/92	146053	(1.0)	U	mg/l
	MW01	MW1	5/12/92	149519	170	B	ug/l
	MW01	MW1	5/12/92	149519	(5.0)	U	ug/l
	MW01	MW1	8/4/92	152921	(1.0)	U	ug/l
	MW01	MW1	11/10/92	157615	12.0		ug/l
	MW01	MW1	2/15/93	162141	5.0		ug/l
	MW01	MW1	5/12/93	166597	(5.0)	U	ug/l
	MW01	MW1	8/10/93	172092	(1.0)	U	ug/l
	MW01	MW1	11/10/93	177617	(5.0)	U	ug/l
	MW01	MW1	2/9/94	182204	(5.0)	U	ug/l
	MW01	MW1	5/10/94	187877	(1.0)	U	ug/l
	MW01	MW1	8/9/94	193948	(0.40)	U	ug/l
	MW01	MW1	1/8/99	90080001	(1.6)	U	ug/l
	MW01	MW01A *	4/29/02	347417	(0.20)	U	ug/l
	MW01	MW01	4/30/02	347679	(0.20)	U	ug/l
Toluene	MW02	MW2	1/11/89	96943	(5.0)	U	ug/l
	MW02	MW2	1/9/91	126328	3.0	J	ug/l
	MW02	MW2	1/8/99	90080002	(1.6)	U	ug/l
Toluene	MW02A	MW2A	1/4/90	111373	(5.0)	U	ug/l
	MW02A	MW2A RE	6/17/92	150826	(5.0)	U	ug/l
	MW02A	MW2A	9/9/92	154494	150		ug/l
	MW02A	MW2A	11/10/92	157616	28.0		ug/l
	MW02A	MW2A	5/12/93	166598	(5.0)	U	ug/l
	MW02A	MW2A	5/10/94	187878	(1.0)	U	ug/l
	MW02A	MW2A	6/9/99	92343003	(1.6)	U	ug/l
	MW02A	MW2A	5/2/02	348228	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Toluene	MW03	MW3	1/11/89	96944	(5.0)	U	ug/l
	MW03	MW3	1/4/90	111374	(5.0)	U	ug/l
	MW03	MW3	1/10/91	126421	(5.0)	U	ug/l
	MW03	MW3	5/12/92	149520	170	B	ug/l
	MW03	MW3	5/12/92	149520	(5.0)	U	ug/l
	MW03	MW3	9/2/92	154207	54.0		ug/l
	MW03	MW3	11/10/92	157617	(5.0)	U	ug/l
	MW03	MW3	5/12/93	166599	(5.0)	U	ug/l
	MW03	MW3	2/10/94	182268	(5.0)	U	ug/l
	MW03	MW3	5/10/94	187879	(1.0)	U	ug/l
	MW03	MW3	1/8/99	90080003	(1.6)	U	ug/l
	MW03	MW3	6/9/99	92343004	(1.6)	U	ug/l
	MW03	MW03A *	4/29/02	347428	(0.20)	U	ug/l
	MW03	MW03	5/6/02	348653	(0.20)	U	ug/l
Toluene	MW04	MW4	1/11/89	96945	4.0		ug/l
	MW04	MW4	1/4/90	111375	(5.0)	U	ug/l
	MW04	MW4	1/10/91	126422	(5.0)	U	ug/l
	MW04	MW4	5/12/92	149521	150	B	ug/l
	MW04	MW4	5/12/92	149521	(5.0)	U	ug/l
	MW04	MW4	9/2/92	154208	7.0		ug/l
	MW04	MW4	11/11/92	157671	27.0		ug/l
	MW04	MW4	5/13/93	166648	(5.0)	U	ug/l
	MW04	MW4	5/10/94	187880	(1.0)	U	ug/l
	MW04	MW4	1/8/99	90080004	(1.6)	U	ug/l
	MW04	MW4	6/9/99	92343005	(1.6)	U	ug/l
	MW04	MW04B *	4/29/02	347430	(0.20)	U	ug/l
	MW04	MW04A *	4/29/02	347429	(0.20)	U	ug/l
Toluene	MW05	MW5	1/11/89	96946	(5.0)	U	ug/l
	MW05	MW5	1/4/90	111376	(5.0)	U	ug/l
	MW05	MW5	1/10/91	126423	(5.0)	U	ug/l
	MW05	MW5	5/18/92	149707	(5.0)	U	ug/l
	MW05	MW5	5/24/93	167356	(5.0)	U	ug/l
	MW05	MW5	5/17/94	188273	(1.0)	U	ug/l
	MW05	MW05B *	4/29/02	347424	(0.20)	U	ug/l
	MW05	MW05A *	4/29/02	347423	(0.20)	U	ug/l

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Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Toluene	MW06	MW6	5/18/92	149708	170	J	ug/l
	MW06	MW6	5/18/92	149708	(5.0)	U	mg/l
	MW06	MW6	9/2/92	154209	10.0		ug/l
	MW06	MW6	11/11/92	157672	(5.0)	U	ug/l
	MW06	MW6	5/13/93	166649	(5.0)	U	ug/l
	MW06	MW6	5/11/94	187955	(1.0)	U	ug/l
	MW06	MW6	1/8/99	90080005	(1.6)	U	ug/l
	MW06	MW6	6/9/99	92343002	(1.6)	U	ug/l
	MW06	MW06A *	4/29/02	347434	0.30		ug/l
	MW06	MW06B *	4/29/02	347435	(0.20)	U	ug/l
	MW06	MW06C *	4/29/02	347436	(0.20)	U	ug/l
	MW06	MW06	5/7/02	349141	(0.20)	U	ug/l
Toluene	MW13	MW13	2/24/93	162570	(1.0)	U	ug/l
	MW13	MW13	5/13/93	166650	(5.0)	U	ug/l
	MW13	MW13	8/11/93	172161	(1.0)	U	ug/l
	MW13	MW13	11/10/93	177620	(5.0)	U	ug/l
	MW13	MW13	2/15/94	182406	(5.0)	U	ug/l
	MW13	MW13	5/13/94	188143	(1.0)	U	ug/l
	MW13	MW13	8/11/94	194136	(0.40)	U	ug/l
	MW13	MW13	1/15/99	90165001	(1.6)	U	ug/l
	MW13	MW13A *	4/29/02	347449	(0.20)	U	ug/l
	MW13	MW13AP *	4/29/02	347450	(0.20)	U	ug/l
	MW13	MW13	5/9/02	349622	(0.20)	U	ug/l
Toluene	MW15	MW15	1/19/99	90206003	(1.6)	U	ug/l
	MW15	RW15A *	4/29/02	347427	(0.20)	U	ug/l
	MW15	MW15	5/10/02	349626	(0.20)	U	ug/l
Toluene	MW16	MW16	2/25/93	162621	20.0		ug/l
	MW16	MW16	5/21/93	167273	(5.0)	U	ug/l
	MW16	MW16	11/11/93	177726	(5.0)	U	ug/l
	MW16	MW16	2/15/94	182407	(5.0)	U	ug/l
	MW16	MW16	5/13/94	188144	(1.0)	U	ug/l
	MW16	MW16	8/11/94	194138	(0.40)	U	ug/l
	MW16	MW16	1/12/99	90113002	(1.6)	U	ug/l
	MW16	MW16	5/3/02	348496	(0.20)	U	ug/l

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Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Toluene	MW17	MW17	2/25/93	162619	(1.0)	U	ug/l
	MW17	MW17	5/14/93	166759	(5.0)	U	ug/l
	MW17	MW17Dup	11/10/93	177621	(5.0)	U	ug/l
	MW17	MW17	11/10/93	177618	(5.0)	U	ug/l
	MW17	MW17	2/15/94	182404	(5.0)	U	ug/l
	MW17	MW17	5/11/94	187956	(1.0)	U	ug/l
	MW17	MW17	8/10/94	194024	(0.40)	U	ug/l
	MW17	MW17	1/22/99	90297002	(1.6)	U	ug/l
	MW17	MW17C *	4/29/02	347446	(0.20)	U	ug/l
	MW17	MW17B *	4/29/02	347445	(0.20)	U	ug/l
	MW17	MW17A *	4/29/02	347444	(0.20)	U	ug/l
	MW17	MW17	5/6/02	348657	(0.20)	U	ug/l
Toluene	MW18	MW18	1/22/99	90297001	(1.6)	U	ug/l
	MW18	MW18	5/6/02	348659	(0.20)	U	ug/l
Toluene	MW19	MW19	2/25/93	162620	2.0		ug/l
	MW19	MW19	5/21/93	167272	(5.0)	U	ug/l
	MW19	MW19	11/10/93	177619	(5.0)	U	ug/l
	MW19	MW19	2/15/94	182405	(5.0)	U	ug/l
	MW19	MW19	5/13/94	188145	(1.0)	U	ug/l
	MW19	MW19	8/10/94	194025	(0.40)	U	ug/l
	MW19	MW19Dup	8/10/94	194026	(0.40)	U	ug/l
	MW19	MW19	1/15/99	90165002	(1.6)	U	ug/l
	MW19	MW19	5/7/02	349134	(0.20)	U	ug/l
Toluene	MW20	MW20	1/26/99	90321001	(1.6)	U	ug/l
	MW20	MW20A	4/29/02	347443	(0.20)	U	ug/l
	MW20	MW20	5/6/02	348658	(0.20)	U	ug/l
Toluene	MW21	MW21	2/24/93	162569	(1.0)	U	ug/l
	MW21	MW21	5/24/93	167354	(5.0)	U	ug/l
	MW21	MW21	8/11/93	172162	(2.0)	U	ug/l
	MW21	MW21	11/11/93	177727	(5.0)	U	ug/l
	MW21	MW21	2/24/94	182706	(5.0)	U	ug/l
	MW21	MW21	5/17/94	188271	(1.0)	U	ug/l
	MW21	MW21	8/12/94	194289	(0.40)	U	ug/l
	MW21	MW21	5/8/02	349136	(0.20)	U	ug/l
Toluene	MW24	MW24	1/8/99	90080006	(1.6)	U	ug/l
	MW24	MW24	5/7/02	349142	(0.20)	U	ug/l
Toluene	MW25	MW25	1/26/99	90321003	(1.6)	U	ug/l
Toluene	MW26	MW26B *	4/29/02	347419	(0.20)	U	ug/l
	MW26	MW26A *	4/29/02	347418	(0.20)	U	ug/l
	MW26	MW26E *	4/29/02	347422	(0.20)	U	ug/l
	MW26	MW26D *	4/29/02	347421	(0.20)	U	ug/l
	MW26	MW26C *	4/29/02	347420	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Toluene	MW27	MW27	1/19/99	90206004	(1.6)	U	ug/l
	MW27	MW27	5/9/02	349623	(0.20)	U	ug/l
Toluene	MW28	MW28AA *	4/29/02	347425	(0.20)	U	ug/l
Toluene	MW28A	MW28AB *	4/29/02	347426	(0.20)	U	ug/l
Toluene	MW29	MW29	1/26/99	90321002	(1.6)	U	ug/l
	MW29	MW29	5/8/02	349139	(0.20)	U	ug/l
Toluene	MW30	MW30	1/22/99	90297003	(1.6)	U	ug/l
	MW30	MW30	5/10/02	349618	(0.20)	U	ug/l
Toluene	MW31	MW31	1/12/99	90113001	(1.6)	U	ug/l
	MW31	MW31P	5/9/02	349614	(0.20)	U	ug/l
	MW31	MW31	5/9/02	349613	(0.20)	U	ug/l
Toluene	MW32	MW32	1/12/99	90113004	(1.6)	U	ug/l
	MW32	MW32B *	4/29/02	347448	(0.20)	U	ug/l
	MW32	MW32A *	4/29/02	347447	(0.20)	U	ug/l
	MW32	MW32	5/8/02	349145	(0.20)	U	ug/l
Toluene	MW33A	MW33A	6/11/99	92394002	(1.6)	U	ug/l
	MW33A	MW33AA *	4/29/02	347441	(0.20)	U	ug/l
	MW33A	MW33AP *	4/29/02	347442	(0.20)	U	ug/l
	MW33A	MW33A	5/1/02	348225	(0.20)	U	ug/l
Toluene	MW34	MW34	6/11/99	92394003	(1.6)	U	ug/l
	MW34	MW34B *	4/29/02	347438	(0.20)	U	ug/l
	MW34	MW34A *	4/29/02	347437	(0.20)	U	ug/l
	MW34	MW34	5/1/02	348226	(0.20)	U	ug/l
Toluene	MW35	MW35	6/11/99	92394004	(1.6)	U	ug/l
	MW35	MW35A *	4/29/02	347439	(0.20)	U	ug/l
	MW35	MW35B *	4/29/02	347440	(0.20)	U	ug/l
	MW35	MW35	5/2/02	348229	(0.20)	U	ug/l
Toluene	MW36	MW36	6/16/99	92459001	(1.6)	U	ug/l
	MW36	MW36	5/6/02	348655	(0.20)	U	ug/l
Toluene	MW37	MW37	6/16/99	92459002	(1.6)	U	ug/l
	MW37	MW37	4/30/02	347681	(0.20)	U	ug/l
Toluene	MW38	MW38	6/16/99	92459003	(1.6)	U	ug/l
	MW38	MW38A *	4/29/02	347431	(0.20)	U	ug/l
	MW38	MW38B *	4/29/02	347432	(0.20)	U	ug/l
	MW38	MW38C *	4/29/02	347433	(0.20)	U	ug/l
	MW38	MW38	4/30/02	347682	(0.20)	U	ug/l
Toluene	MW39	MW39	6/18/99	92495001	(1.6)	U	ug/l
	MW39	MW39	5/8/02	349144	(0.20)	U	ug/l
Toluene	MW40	MW40	5/2/00	201708	(0.30)	U	ug/l
	MW40	MW40	5/3/02	348494	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Toluene	MW41	MW41	5/2/00	201709	(0.30)	U	ug/l
	MW41	MW41	5/10/02	349619	(0.20)	U	ug/l
Toluene	MW42	MW42	5/2/00	201710	(0.30)	U	ug/l
	MW42	MW42	5/3/02	348491	(0.20)	U	ug/l
Toluene	MW43A	MW43A	5/2/00	201711	(0.30)	U	ug/l
	MW43A	MW43A	5/3/02	348493	(0.20)	U	ug/l
Toluene	MW44	MW44	5/2/00	201712	(0.30)	U	ug/l
	MW44	MW44	5/2/02	348230	(0.20)	U	ug/l
Toluene	MW45	MW45	5/2/00	201713	(0.30)	U	ug/l
	MW45	MW45	5/3/02	348492	(0.20)	U	ug/l
Toluene	RW01	RW1	8/23/89	105947	(5.0)	U	ug/l
	RW01	RW1	5/4/90	116208	(5.0)	U	ug/l
	RW01	RW1 B	5/4/90	116209	(5.0)	U	ug/l
Toluene	RW02	RW2	8/23/89	105948	(5.0)	U	ug/l
Toluene	RW04	RW4	11/8/91	140780	3200	J	ug/l
	RW04	MW04	5/6/02	348654	(0.20)	U	ug/l
Toluene	RW05	RW5	8/23/89	105949	(5.0)	U	ug/l
	RW05	RW5	11/8/91	140781	3200	J	ug/l
Toluene	RW06	RW6	8/23/89	105950	(5.0)	U	ug/l
Toluene	RW09	RW09B *	4/29/02	347414	(0.50)	U	ug/l
	RW09	RW09D *	4/29/02	347416	(1.2)	U	ug/l
	RW09	RW09A *	4/29/02	347413	(0.50)	U	ug/l
	RW09	RW09C *	4/29/02	347415	0.50		ug/l
Toluene	RW10	RW10	1/19/99	90206001	(1.6)	U	ug/l
	RW10	RW10	5/9/02	349615	(0.20)	U	ug/l
Toluene	RW11	RW11	12/2/91	141900	44.0	B	ug/l
	RW11	RW11	12/2/91	141900	(5.0)	U	ug/l
	RW11	RW11	5/13/92	150810	(5.0)	U	ug/l
	RW11	RW11	8/5/92	152982	(1.0)	U	ug/l
	RW11	RW11	9/9/92	154495	23.0		ug/l
	RW11	RW11	11/11/92	157673	(5.0)	U	ug/l
	RW11	RW11	2/17/93	162205	(1.0)	U	ug/l
	RW11	RW11	5/24/93	167355	(5.0)	U	ug/l
	RW11	RW11	11/11/93	177725	(5.0)	U	ug/l
	RW11	RW11	2/10/94	182271	(5.0)	U	ug/l
	RW11	RW11	5/11/94	187957	(1.0)	U	ug/l
	RW11	RW11	8/11/94	194137	(0.40)	U	ug/l
	RW11	RW11	1/26/99	90321004	(1.6)	U	ug/l
	RW11	RW11	5/8/02	349137	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Toluene	RW13	RW13	1/19/99	90206002	(1.6)	U	ug/l
	RW13	RW13	6/11/99	92394001	(1.6)	U	ug/l
	RW13	RW13	5/3/02	348495	(0.20)	U	ug/l
Toluene	RW14	RW14	12/2/91	141899	(5.0)	U	ug/l
	RW14	RW14	12/2/91	141899	43.0	B	ug/l
	RW14	RW14	2/26/92	146087	(1.0)	U	mg/l
	RW14	RW14	5/13/92	150808	(5.0)	U	ug/l
	RW14	RW14	8/7/92	153108	(1.0)	U	ug/l
	RW14	RW14	9/9/92	154497	7.0		ug/l
	RW14	RW14	11/13/92	157929	10.0		ug/l
	RW14	RW14	5/10/02	349625	(0.20)	U	ug/l
Toluene	RW15	RW15D *	4/29/02	347410	(0.20)	U	ug/l
	RW15	RW15B *	4/29/02	347408	(0.20)	U	ug/l
	RW15	RW15C *	4/29/02	347409	(0.20)	U	ug/l
Toluene	RW16	X16	4/26/91	130652	(25.0)	U	ug/l
	RW16	RW16A *	4/29/02	347411	(2.4)	U	ug/l
	RW16	RW16B *	4/29/02	347412	(2.4)	U	ug/l
Toluene	RW32	MW32P	5/8/02	349146	(0.20)	U	ug/l
Toluene	TH36	TH36	12/31/91	143553	220	B	ug/l
	TH36	TH36	12/31/91	143553	(5.0)	U	ug/l
	TH36	TH36	2/28/92	146263	(1.0)	U	mg/l
	TH36	TH36	5/13/92	150809	(5.0)	U	ug/l
	TH36	TH36	8/10/92	153186	200		ug/l
	TH36	TH36	9/9/92	154496	53.0		ug/l
	TH36	TH36	11/13/92	157930	12.0		ug/l
	TH36	TH36	2/25/93	162622	250		ug/l
	TH36	TH36	5/13/93	167353	(5.0)	U	ug/l
	TH36	TH36	8/12/93	172231	(1.0)	U	mg/l
	TH36	TH36	11/11/93	177724	(5.0)	U	ug/l
	TH36	TH36	2/24/94	182705	(5.0)	U	ug/l
	TH36	TH36	5/17/94	188272	(1.0)	U	ug/l
	TH36	TH36	8/12/94	194288	(0.40)	U	ug/l
	TH36	TH36	1/12/99	90113003	(1.6)	U	ug/l
	TH36	TH36	5/9/02	349616	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Xylenes as o-Xylen	MW01	MW1	2/25/92	146053	(1.0)	U	mg/l
Xylenes as p-Xylen	MW01	MW1	2/25/92	146053	(1.0)	U	mg/l
Xylenes as m-Xylen	MW01	MW1	2/25/92	146053	(1.0)	U	mg/l
Xylenes as p-Xylen	MW01	MW1	8/4/92	152921	(1.0)	U	ug/l
Xylenes as o-Xylen	MW01	MW1	8/4/92	152921	(1.0)	U	ug/l
Xylenes as m-Xylen	MW01	MW1	8/4/92	152921	(1.0)	U	ug/l
Xylenes as Total Xylene	MW01	MW1	11/10/92	157615	(5.0)	U	ug/l
Xylenes as m-Xylen	MW01	MW1	2/15/93	162141	(1.0)	U	ug/l
Xylenes as p-Xylen	MW01	MW1	2/15/93	162141	(1.0)	U	ug/l
Xylenes as o-Xylen	MW01	MW1	2/15/93	162141	(1.0)	U	ug/l
	MW01	MW1	8/10/93	172092	(1.0)	U	ug/l
Xylenes as m-Xylen	MW01	MW1	8/10/93	172092	(1.0)	U	ug/l
Xylenes as p-Xylen	MW01	MW1	8/10/93	172092	(1.0)	U	ug/l
Xylenes as Total Xylene	MW01	MW1	11/10/93	177617	(5.0)	U	ug/l
	MW01	MW1	2/9/94	182204	(5.0)	U	ug/l
	MW01	MW1	5/10/94	187877	(1.0)	U	ug/l
Xylenes as m+p-Xylen	MW01	MW1	8/9/94	193948	(0.40)	U	ug/l
Xylenes as o-Xylen	MW01	MW1	8/9/94	193948	(0.40)	U	ug/l
Xylenes as Total Xylene	MW01	MW1	1/8/99	90080001	(1.5)	U	ug/l
	MW01	MW01A *	4/29/02	347417	(0.20)	U	ug/l
	MW01	MW01	4/30/02	347679	(0.20)	U	ug/l
Xylenes as Total Xylene	MW02	MW2	1/8/99	90080002	(1.5)	U	ug/l
Xylenes as Total Xylene	MW02A	MW2A	11/10/92	157616	(5.0)	U	ug/l
	MW02A	MW2A	5/10/94	187878	(1.0)	U	ug/l
	MW02A	MW2A	6/9/99	92343003	(1.5)	U	ug/l
	MW02A	MW2A	5/2/02	348228	(0.20)	U	ug/l
Xylenes as Total Xylene	MW03	MW3	11/10/92	157617	(5.0)	U	ug/l
	MW03	MW3	2/10/94	182268	(5.0)	U	ug/l
	MW03	MW3	5/10/94	187879	(1.0)	U	ug/l
	MW03	MW3	1/8/99	90080003	(1.5)	U	ug/l
	MW03	MW3	6/9/99	92343004	(1.5)	U	ug/l
	MW03	MW03A *	4/29/02	347428	(0.20)	U	ug/l
	MW03	MW03	5/6/02	348653	(0.20)	U	ug/l
Xylenes as Total Xylene	MW04	MW4	11/11/92	157671	(5.0)	U	ug/l
	MW04	MW4	5/10/94	187880	(1.0)	U	ug/l
	MW04	MW4	1/8/99	90080004	(1.5)	U	ug/l
	MW04	MW4	6/9/99	92343005	(1.5)	U	ug/l
	MW04	MW04B *	4/29/02	347430	(0.20)	U	ug/l
	MW04	MW04A *	4/29/02	347429	(0.20)	U	ug/l
Xylenes as Total Xylene	MW05	MW5	5/17/94	188273	(1.0)	U	ug/l
	MW05	MW05A *	4/29/02	347423	(0.20)	U	ug/l
	MW05	MW05B *	4/29/02	347424	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

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Xylenes as Total Xylene	MW06	MW6	11/11/92	157672	(5.0)	U	ug/l
	MW06	MW6	5/11/94	187955	(1.0)	U	ug/l
	MW06	MW6	1/8/99	90080005	(1.5)	U	ug/l
	MW06	MW6	6/9/99	92343002	(1.5)	U	ug/l
	MW06	MW06A *	4/29/02	347434	(0.20)	U	ug/l
	MW06	MW06B *	4/29/02	347435	(0.20)	U	ug/l
	MW06	MW06C *	4/29/02	347436	(0.20)	U	ug/l
	MW06	MW06	5/7/02	349141	(0.20)	U	ug/l
Xylenes as m-Xylen	MW13	MW13	2/24/93	162570	(1.0)	U	ug/l
Xylenes as p-Xylen	MW13	MW13	2/24/93	162570	(1.0)	U	ug/l
Xylenes as o-Xylen	MW13	MW13	2/24/93	162570	(1.0)	U	ug/l
Xylenes as p-Xylen	MW13	MW13	8/11/93	172161	(1.0)	U	ug/l
Xylenes as m-Xylen	MW13	MW13	8/11/93	172161	(1.0)	U	ug/l
Xylenes as o-Xylen	MW13	MW13	8/11/93	172161	(1.0)	U	ug/l
Xylenes as Total Xylene	MW13	MW13	11/10/93	177620	(5.0)	U	ug/l
	MW13	MW13	2/15/94	182406	(5.0)	U	ug/l
	MW13	MW13	5/13/94	188143	(1.0)	U	ug/l
Xylenes as m+p-Xylen	MW13	MW13	8/11/94	194136	(0.40)	U	ug/l
Xylenes as o-Xylen	MW13	MW13	8/11/94	194136	(0.40)	U	ug/l
Xylenes as Total Xylene	MW13	MW13	1/15/99	90165001	(1.5)	U	ug/l
	MW13	MW13A *	4/29/02	347449	(0.20)	U	ug/l
	MW13	MW13AP *	4/29/02	347450	(0.20)	U	ug/l
	MW13	MW13	5/9/02	349622	(0.20)	U	ug/l
Xylenes as Total Xylene	MW15	MW15	1/19/99	90206003	(1.5)	U	ug/l
	MW15	RW15A *	4/29/02	347427	(0.20)	U	ug/l
	MW15	MW15	5/10/02	349626	(0.20)	U	ug/l
Xylenes as p-Xylen	MW16	MW16	2/25/93	162621	1.0		ug/l
Xylenes as m-Xylen	MW16	MW16	2/25/93	162621	4.0		ug/l
Xylenes as o-Xylen	MW16	MW16	2/25/93	162621	2.0		ug/l
Xylenes as Total Xylene	MW16	MW16	11/11/93	177726	(5.0)	U	ug/l
	MW16	MW16	2/15/94	182407	(5.0)	U	ug/l
	MW16	MW16	5/13/94	188144	(1.0)	U	ug/l
Xylenes as m+p-Xylen	MW16	MW16	8/11/94	194138	(0.40)	U	ug/l
Xylenes as o-Xylen	MW16	MW16	8/11/94	194138	(0.40)	U	ug/l
Xylenes as Total Xylene	MW16	MW16	1/12/99	90113002	(1.5)	U	ug/l
	MW16	MW16	5/3/02	348496	(0.20)	U	ug/l

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Xylenes as p-Xylen	MW17	MW17	2/25/93	162619	(1.0)	U	ug/l
Xylenes as m-Xylen	MW17	MW17	2/25/93	162619	(1.0)	U	ug/l
Xylenes as o-Xylen	MW17	MW17	2/25/93	162619	(1.0)	U	ug/l
Xylenes as Total Xylene	MW17	MW17	11/10/93	177618	(5.0)	U	ug/l
	MW17	MW17Dup	11/10/93	177621	(5.0)	U	ug/l
Xylenes as m+p-Xylen	MW17	MW17	2/15/94	182404	(5.0)	U	ug/l
Xylenes as Total Xylene	MW17	MW17	5/11/94	187956	(1.0)	U	ug/l
Xylenes as o-Xylen	MW17	MW17	8/10/94	194024	(0.40)	U	ug/l
Xylenes as m+p-Xylen	MW17	MW17	8/10/94	194024	(0.40)	U	ug/l
Xylenes as Total Xylene	MW17	MW17	1/22/99	90297002	(1.5)	U	ug/l
	MW17	MW17B *	4/29/02	347445	(0.20)	U	ug/l
	MW17	MW17C *	4/29/02	347446	(0.20)	U	ug/l
	MW17	MW17A *	4/29/02	347444	(0.20)	U	ug/l
	MW17	MW17	5/6/02	348657	(0.20)	U	ug/l
Xylenes as Total Xylene	MW18	MW18	1/22/99	90297001	(1.5)	U	ug/l
	MW18	MW18	5/6/02	348659	(0.20)	U	ug/l
Xylenes as p-Xylen	MW19	MW19	2/25/93	162620	(1.0)	U	ug/l
Xylenes as o-Xylen	MW19	MW19	2/25/93	162620	(1.0)	U	ug/l
Xylenes as m-Xylen	MW19	MW19	2/25/93	162620	(1.0)	U	ug/l
Xylenes as Total Xylene	MW19	MW19	11/10/93	177619	(5.0)	U	ug/l
	MW19	MW19	2/15/94	182405	(5.0)	U	ug/l
	MW19	MW19	5/13/94	188145	(1.0)	U	ug/l
Xylenes as m+p-Xylen	MW19	MW19	8/10/94	194025	(0.40)	U	ug/l
Xylenes as o-Xylen	MW19	MW19Dup	8/10/94	194026	(0.40)	U	ug/l
	MW19	MW19	8/10/94	194025	(0.40)	U	ug/l
Xylenes as m+p-Xylen	MW19	MW19Dup	8/10/94	194026	(0.40)	U	ug/l
Xylenes as Total Xylene	MW19	MW19	1/15/99	90165002	(1.5)	U	ug/l
	MW19	MW19	5/7/02	349134	(0.20)	U	ug/l
Xylenes as Total Xylene	MW20	MW20	1/26/99	90321001	(1.5)	U	ug/l
	MW20	MW20A	4/29/02	347443	(0.20)	U	ug/l
	MW20	MW20	5/6/02	348658	(0.20)	U	ug/l
Xylenes as m-Xylen	MW21	MW21	2/24/93	162569	(1.0)	U	ug/l
Xylenes as o-Xylen	MW21	MW21	2/24/93	162569	(1.0)	U	ug/l
Xylenes as p-Xylen	MW21	MW21	2/24/93	162569	(1.0)	U	ug/l
Xylenes as m-Xylen	MW21	MW21	8/11/93	172162	(2.0)	U	ug/l
Xylenes as p-Xylen	MW21	MW21	8/11/93	172162	(2.0)	U	ug/l
Xylenes as o-Xylen	MW21	MW21	8/11/93	172162	(2.0)	U	ug/l
Xylenes as Total Xylene	MW21	MW21	11/11/93	177727	(5.0)	U	ug/l
	MW21	MW21	2/24/94	182706	(5.0)	U	ug/l
	MW21	MW21	5/17/94	188271	(1.0)	U	ug/l
Xylenes as o-Xylen	MW21	MW21	8/12/94	194289	(0.40)	U	ug/l
Xylenes as m+p-Xylen	MW21	MW21	8/12/94	194289	(0.40)	U	ug/l
Xylenes as Total Xylene	MW21	MW21	5/8/02	349136	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Xylenes as Total Xylene	MW24	MW24	1/8/99	90080006	(1.5)	U	ug/l
	MW24	MW24	5/7/02	349142	(0.20)	U	ug/l
Xylenes as Total Xylene	MW25	MW25	1/26/99	90321003	(1.5)	U	ug/l
Xylenes as Total Xylene	MW26	MW26C *	4/29/02	347420	(0.20)	U	ug/l
	MW26	MW26A *	4/29/02	347418	(0.20)	U	ug/l
	MW26	MW26E *	4/29/02	347422	(0.20)	U	ug/l
	MW26	MW26D *	4/29/02	347421	(0.20)	U	ug/l
	MW26	MW26B *	4/29/02	347419	(0.20)	U	ug/l
Xylenes as Total Xylene	MW27	MW27	1/19/99	90206004	(1.5)	U	ug/l
	MW27	MW27	5/9/02	349623	(0.20)	U	ug/l
Xylenes as Total Xylene	MW28	MW28AA *	4/29/02	347425	(0.20)	U	ug/l
Xylenes as Total Xylene	MW28A	MW28AB *	4/29/02	347426	(0.20)	U	ug/l
Xylenes as Total Xylene	MW29	MW29	1/26/99	90321002	(1.5)	U	ug/l
	MW29	MW29	5/8/02	349139	(0.20)	U	ug/l
Xylenes as Total Xylene	MW30	MW30	1/22/99	90297003	(1.5)	U	ug/l
	MW30	MW30	5/10/02	349618	(0.20)	U	ug/l
Xylenes as Total Xylene	MW31	MW31	1/12/99	90113001	(1.5)	U	ug/l
	MW31	MW31P	5/9/02	349614	(0.20)	U	ug/l
	MW31	MW31	5/9/02	349613	(0.20)	U	ug/l
Xylenes as Total Xylene	MW32	MW32	1/12/99	90113004	(1.5)	U	ug/l
	MW32	MW32A *	4/29/02	347447	(0.20)	U	ug/l
	MW32	MW32B *	4/29/02	347448	(0.20)	U	ug/l
	MW32	MW32	5/8/02	349145	(0.20)	U	ug/l
Xylenes as Total Xylene	MW33A	MW33A	6/11/99	92394002	(1.5)	U	ug/l
	MW33A	MW33AA *	4/29/02	347441	(0.20)	U	ug/l
	MW33A	MW33AP *	4/29/02	347442	(0.20)	U	ug/l
	MW33A	MW33A	5/1/02	348225	(0.20)	U	ug/l
Xylenes as Total Xylene	MW34	MW34	6/11/99	92394003	(1.5)	U	ug/l
	MW34	MW34A *	4/29/02	347437	(0.20)	U	ug/l
	MW34	MW34B *	4/29/02	347438	(0.20)	U	ug/l
	MW34	MW34	5/1/02	348226	(0.20)	U	ug/l
Xylenes as Total Xylene	MW35	MW35	6/11/99	92394004	(1.5)	U	ug/l
	MW35	MW35B *	4/29/02	347440	(0.20)	U	ug/l
	MW35	MW35A *	4/29/02	347439	(0.20)	U	ug/l
	MW35	MW35	5/2/02	348229	(0.20)	U	ug/l
Xylenes as Total Xylene	MW36	MW36	6/16/99	92459001	(1.5)	U	ug/l
	MW36	MW36	5/6/02	348655	(0.20)	U	ug/l
Xylenes as Total Xylene	MW37	MW37	6/16/99	92459002	(1.5)	U	ug/l
	MW37	MW37	4/30/02	347681	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Xylenes as Total Xylene	MW38	MW38	6/16/99	92459003	(1.5)	U	ug/l
	MW38	MW38A *	4/29/02	347431	(0.20)	U	ug/l
	MW38	MW38C *	4/29/02	347433	(0.20)	U	ug/l
	MW38	MW38B *	4/29/02	347432	(0.20)	U	ug/l
	MW38	MW38	4/30/02	347682	(0.20)	U	ug/l
Xylenes as Total Xylene	MW39	MW39	6/18/99	92495001	(1.5)	U	ug/l
	MW39	MW39	5/8/02	349144	(0.20)	U	ug/l
Xylenes as Total Xylene	MW40	MW40	5/2/00	201708	(0.30)	U	ug/l
	MW40	MW40	5/3/02	348494	(0.20)	U	ug/l
Xylenes as Total Xylene	MW41	MW41	5/2/00	201709	(0.30)	U	ug/l
	MW41	MW41	5/10/02	349619	(0.20)	U	ug/l
Xylenes as Total Xylene	MW42	MW42	5/2/00	201710	(0.30)	U	ug/l
	MW42	MW42	5/3/02	348491	(0.20)	U	ug/l
Xylenes as Total Xylene	MW43A	MW43A	5/2/00	201711	(0.30)	U	ug/l
	MW43A	MW43A	5/3/02	348493	(0.20)	U	ug/l
Xylenes as Total Xylene	MW44	MW44	5/2/00	201712	(0.30)	U	ug/l
	MW44	MW44	5/2/02	348230	(0.20)	U	ug/l
Xylenes as Total Xylene	MW45	MW45	5/2/00	201713	(0.30)	U	ug/l
	MW45	MW45	5/3/02	348492	(0.20)	U	ug/l
Xylenes as Total Xylene	RW01	RW1	8/23/89	105947	(5.0)	U	ug/l
	RW01	RW1 B	5/4/90	116209	(5.0)	U	ug/l
	RW01	RW1	5/4/90	116208	(5.0)	U	ug/l
Xylenes as Total Xylene	RW02	RW2	8/23/89	105948	(5.0)	U	ug/l
Xylenes as Total Xylene	RW04	RW4	11/8/91	140780	27000(		ug/l
	RW04	MW04	5/6/02	348654	(0.20)	U	ug/l
Xylenes as Total Xylene	RW05	RW5	8/23/89	105949	(5.0)	U	ug/l
	RW05	RW5	11/8/91	140781	27000(		ug/l
Xylenes as Total Xylene	RW06	RW6	8/23/89	105950	(5.0)	U	ug/l
Xylenes as Total Xylene	RW09	RW09B *	4/29/02	347414	(0.40)	U	ug/l
	RW09	RW09D *	4/29/02	347416	(0.90)	U	ug/l
	RW09	RW09A *	4/29/02	347413	(0.40)	U	ug/l
	RW09	RW09C *	4/29/02	347415	(0.20)	U	ug/l
Xylenes as Total Xylene	RW10	RW10	1/19/99	90206001	(1.5)	U	ug/l
	RW10	RW10	5/9/02	349615	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Xylenes as m-Xylen	RW11	RW11	8/5/92	152982	(1.0)	U	ug/l
Xylenes as p-Xylen	RW11	RW11	8/5/92	152982	(1.0)	U	ug/l
Xylenes as o-Xylen	RW11	RW11	8/5/92	152982	(1.0)	U	ug/l
Xylenes as Total Xylene	RW11	RW11	11/11/92	157673	(5.0)	U	ug/l
Xylenes as o-Xylen	RW11	RW11	2/17/93	162205	(1.0)	U	ug/l
Xylenes as m-Xylen	RW11	RW11	2/17/93	162205	(1.0)	U	ug/l
Xylenes as p-Xylen	RW11	RW11	2/17/93	162205	(1.0)	U	ug/l
Xylenes as Total Xylene	RW11	RW11	11/11/93	177725	(5.0)	U	ug/l
	RW11	RW11	2/10/94	182271	(5.0)	U	ug/l
	RW11	RW11	5/11/94	187957	(1.0)	U	ug/l
Xylenes as o-Xylen	RW11	RW11	8/11/94	194137	(0.40)	U	ug/l
Xylenes as m+p-Xylen	RW11	RW11	8/11/94	194137	(0.40)	U	ug/l
Xylenes as Total Xylene	RW11	RW11	1/26/99	90321004	(1.5)	U	ug/l
	RW11	RW11	5/8/02	349137	(0.20)	U	ug/l
Xylenes as Total Xylene	RW13	RW13	1/19/99	90206002	(1.5)	U	ug/l
	RW13	RW13	6/11/99	92394001	(1.5)	U	ug/l
	RW13	RW13	5/3/02	348495	(0.20)	U	ug/l
Xylenes as m-Xylen	RW14	RW14	2/26/92	146087	(1.0)	U	mg/l
Xylenes as p-Xylen	RW14	RW14	2/26/92	146087	(1.0)	U	mg/l
Xylenes as o-Xylen	RW14	RW14	2/26/92	146087	(1.0)	U	mg/l
Xylenes as m-Xylen	RW14	RW14	8/7/92	153108	(1.0)	U	ug/l
Xylenes as p-Xylen	RW14	RW14	8/7/92	153108	(1.0)	U	ug/l
Xylenes as o-Xylen	RW14	RW14	8/7/92	153108	(1.0)	U	ug/l
Xylenes as Total Xylene	RW14	RW14	5/10/02	349625	(0.20)	U	ug/l
Xylenes as Total Xylene	RW15	RW15D *	4/29/02	347410	(0.20)	U	ug/l
	RW15	RW15B *	4/29/02	347408	(0.20)	U	ug/l
	RW15	RW15C *	4/29/02	347409	(0.20)	U	ug/l
Xylenes as Total Xylene	RW16	X16	4/26/91	130652	(25.0)	U	ug/l
	RW16	RW16B *	4/29/02	347412	(1.8)	U	ug/l
	RW16	RW16A *	4/29/02	347411	(1.8)	U	ug/l
Xylenes as Total Xylene	RW32	MW32P	5/8/02	349146	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Volatile Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Xylenes as o-Xylen	TH36	TH36	2/28/92	146263	(1.0)	U	mg/l
Xylenes as p-Xylen	TH36	TH36	2/28/92	146263	(1.0)	U	mg/l
Xylenes as m-Xylen	TH36	TH36	2/28/92	146263	(1.0)	U	mg/l
Xylenes as o-Xylen	TH36	TH36	8/10/92	153186	5.0		ug/l
Xylenes as p-Xylen	TH36	TH36	8/10/92	153186	5.0		ug/l
Xylenes as m-Xylen	TH36	TH36	8/10/92	153186	11.0		ug/l
Xylenes as Total Xylene	TH36	TH36	11/13/92	157930	(5.0)	U	ug/l
Xylenes as o-Xylen	TH36	TH36	2/25/93	162622	30.0		ug/l
Xylenes as m-Xylen	TH36	TH36	2/25/93	162622	66.0		ug/l
Xylenes as p-Xylen	TH36	TH36	2/25/93	162622	20.0		ug/l
Xylenes as m-Xylen	TH36	TH36	8/12/93	172231	(1.0)	U	mg/l
Xylenes as p-Xylen	TH36	TH36	8/12/93	172231	(1.0)	U	mg/l
Xylenes as o-Xylen	TH36	TH36	8/12/93	172231	(1.0)	U	mg/l
Xylenes as Total Xylene	TH36	TH36	11/11/93	177724	(5.0)	U	ug/l
Xylenes as p-Xylen	TH36	TH36	2/24/94	182705	(5.0)	U	ug/l
Xylenes as m-Xylen	TH36	TH36	2/24/94	182705	(5.0)	U	ug/l
Xylenes as o-Xylen	TH36	TH36	2/24/94	182705	(5.0)	U	ug/l
Xylenes as Total Xylene	TH36	TH36	5/17/94	188272	(1.0)	U	ug/l
Xylenes as m+p-Xylen	TH36	TH36	8/12/94	194288	(0.40)	U	ug/l
Xylenes as o-Xylen	TH36	TH36	8/12/94	194288	(0.40)	U	ug/l
Xylenes as Total Xylene	TH36	TH36	1/12/99	90113003	(1.5)	U	ug/l
	TH36	TH36	5/9/02	349616	(0.20)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Base-Neutral Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
bis(2-Ethylhexyl)phthala	MW01	MW1	11/27/91	141868	(5.0)	U	ug/l
	MW01	MW1	2/25/92	146053	(5.0)	U	ug/l
	MW01	MW1	5/12/92	149519	(5.0)	U	ug/l
	MW01	MW1	8/4/92	152921	(5.0)	U	ug/l
	MW01	MW1	11/10/92	157615	(5.0)	U	ug/l
	MW01	MW1	2/15/93	162141	(5.0)	U	ug/l
	MW01	MW1	5/12/93	166597	16.0		ug/l
	MW01	MW1	8/10/93	172092	(5.0)	U	ug/l
	MW01	MW1	11/10/93	177617	25.0		ug/l
	MW01	MW1	2/9/94	182204	110		ug/l
	MW01	MW1	5/10/94	187877	(2.0)	U	ug/l
	MW01	MW1	8/9/94	193948	(2.0)	U	ug/l
bis(2-Ethylhexyl)phthala	MW02A	MW2A	5/14/92	149608	(5.0)	U	ug/l
	MW02A	MW2A	5/27/93	167553	(5.0)	U	ug/l
	MW02A	MW2A	5/10/94	187878	8.0	*	ug/l
	MW02A	MW2A	6/9/99	92343003	(0.58)	U	ug/l
bis(2-Ethylhexyl)phthala	MW03	MW3	5/12/92	149520	(5.0)	U	ug/l
	MW03	MW3	5/27/93	167554	4.0	J	ug/l
	MW03	MW3	2/10/94	182268	(5.0)	U	ug/l
	MW03	MW3	5/10/94	187879	(2.0)	U	ug/l
	MW03	MW3	6/9/99	92343004	(0.58)	U	ug/l
bis(2-Ethylhexyl)phthala	MW04	MW4	5/12/92	149521	(5.0)	U	ug/l
	MW04	MW4	5/13/93	166648	(5.0)	U	ug/l
	MW04	MW4	5/10/94	187880	4.0	*	ug/l
	MW04	MW4	6/9/99	92343005	(5.1)	U	ug/l
bis(2-Ethylhexyl)phthala	MW05	MW5	5/18/92	149707	(25.0)	U	ug/l
	MW05	MW5	5/24/93	167356	(120)	U	ug/l
	MW05	MW5	5/17/94	188273	250		ug/l
bis(2-Ethylhexyl)phthala	MW06	MW6	5/18/92	149708	(5.0)	U	ug/l
	MW06	MW6	5/13/93	166649	(5.0)	U	ug/l
	MW06	MW6	5/11/94	187955	(2.0)	U	ug/l
	MW06	MW6	6/9/99	92343002	(0.58)	U	ug/l
bis(2-Ethylhexyl)phthala	MW13	MW13	2/24/93	162570	(5.0)	U	ug/l
	MW13	MW13	5/13/93	166650	(5.0)	U	ug/l
	MW13	MW13	8/11/93	172959	(5.0)	U	ug/l
	MW13	MW13	11/10/93	177620	17.0		ug/l
	MW13	MW13	2/15/94	182406	5.0	J*	ug/l
	MW13	MW13	5/13/94	188143	(2.0)	U	ug/l
	MW13	MW13	8/11/94	194136	(2.0)	U	ug/l
	MW13	MW13	5/9/02	349622	(0.50)	U	ug/l
bis(2-Ethylhexyl)phthala	MW15	MW15	5/10/02	349626	(0.50)	U	ug/l
bis(2-Ethylhexyl)phthala	MW16	MW16	2/25/93	162621	(5.0)	U	ug/l

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Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
bis(2-Ethylhexyl)phthala	MW16	MW16	5/21/93	167273	(5.0)	U	ug/l
	MW16	MW16	8/12/93	172230	7.0		ug/l
	MW16	MW16	11/11/93	177726	12.0	J	ug/l
	MW16	MW16	2/15/94	182407	13.0	*	ug/l
	MW16	MW16	5/13/94	188144	(2.0)	U	ug/l
	MW16	MW16	8/11/94	194138	(2.0)	U	ug/l
bis(2-Ethylhexyl)phthala	MW17	MW17	2/25/93	162619	(5.0)	U	ug/l
	MW17	MW17	5/14/93	166759	(5.0)	U	ug/l
	MW17	MW17	8/11/93	172159	(5.0)	U	ug/l
	MW17	MW17	11/10/93	177618	15.0		ug/l
	MW17	MW17Dup	11/10/93	177621	8.0		ug/l
	MW17	MW17	2/15/94	182404	8.0		ug/l
	MW17	MW17	5/11/94	187956	(2.0)	U	ug/l
	MW17	MW17	8/10/94	194024	(2.0)	U	ug/l
bis(2-Ethylhexyl)phthala	MW18	MW18	5/6/02	348659	0.60	B	ug/l
bis(2-Ethylhexyl)phthala	MW19	MW19	2/25/93	162620	(5.0)	U	ug/l
	MW19	MW19	5/21/93	167272	(5.0)	U	ug/l
	MW19	MW19	8/11/93	172160	5.0		ug/l
	MW19	MW19	11/10/93	177619	12.0		ug/l
	MW19	MW19	2/15/94	182405	6.0	*	ug/l
	MW19	MW19	5/13/94	188145	4.0		ug/l
	MW19	MW19	8/10/94	194025	(2.0)	U	ug/l
	MW19	MW19Dup	8/10/94	194026	(2.0)	U	ug/l
	MW19	MW19	5/7/02	349134	5.0	B	ug/l
bis(2-Ethylhexyl)phthala	MW20	MW20	5/6/02	348658	0.70	B	ug/l
bis(2-Ethylhexyl)phthala	MW21	MW21	2/24/93	162569	(5.0)	U	ug/l
	MW21	MW21	5/24/93	167354	5.0		ug/l
	MW21	MW21	8/11/93	172162	16.0	J	ug/l
	MW21	MW21	11/11/93	177727	19.0	J	ug/l
	MW21	MW21	2/24/94	182706	7.0		ug/l
	MW21	MW21	5/17/94	188271	(2.0)	U	ug/l
	MW21	MW21	8/12/94	194289	3.0		ug/l
	MW21	MW21	5/8/02	349136	2.3	B	ug/l
bis(2-Ethylhexyl)phthala	MW27	MW27	5/9/02	349623	(0.40)	U	ug/l
bis(2-Ethylhexyl)phthala	MW29	MW29	5/8/02	349139	2.4	B	ug/l
bis(2-Ethylhexyl)phthala	MW31	MW31	5/9/02	349613	1.2	B	ug/l
	MW31	MW31P	5/9/02	349614	(0.50)	U	ug/l
bis(2-Ethylhexyl)phthala	MW33A	MW33A	6/11/99	92394002	1.1		ug/l
bis(2-Ethylhexyl)phthala	MW34	MW34	6/11/99	92394003	2.0		ug/l
bis(2-Ethylhexyl)phthala	MW35	MW35	6/11/99	92394004	0.58		ug/l
bis(2-Ethylhexyl)phthala	MW36	MW36	6/16/99	92459001	(0.58)	U	ug/l

NOTES:

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ug/l = micrograms per liter

APPENDIX B

Groundwater Analytical Results Database Report: Selected Base-Neutral Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
bis(2-Ethylhexyl)phthala	MW37	MW37	6/16/99	92459002	1.3		ug/l
bis(2-Ethylhexyl)phthala	MW38	MW38	6/16/99	92459003	2.0		ug/l
bis(2-Ethylhexyl)phthala	MW39	MW39	6/16/99	92459004	(0.53)	U	ug/l
bis(2-Ethylhexyl)phthala	MW40	MW40	5/2/00	201708	6.8		ug/l
bis(2-Ethylhexyl)phthala	MW41	MW41	5/2/00	201709	(2.0)	U	ug/l
bis(2-Ethylhexyl)phthala	MW42	MW42	5/2/00	201710	12.0		ug/l
bis(2-Ethylhexyl)phthala	MW43A	MW43A	5/2/00	201711	18.0		ug/l
bis(2-Ethylhexyl)phthala	MW44	MW44	5/2/00	201712	2.6		ug/l
bis(2-Ethylhexyl)phthala	MW45	MW45	5/2/00	201713	3.2		ug/l
bis(2-Ethylhexyl)phthala	RW11	RW11	12/2/91	141900	(5.0)	U	ug/l
	RW11	RW11	2/25/92	146054	(5.0)	U	ug/l
	RW11	RW11	5/13/92	149563	(5.0)	U	ug/l
	RW11	RW11	8/5/92	152982	(5.0)	U	ug/l
	RW11	RW11	11/11/92	157673	(5.0)	U	ug/l
	RW11	RW11	2/17/93	162205	(5.0)	U	ug/l
	RW11	RW11	5/24/93	167355	(5.0)	U	ug/l
	RW11	RW11	8/11/93	172163	13.0		ug/l
	RW11	RW11	11/11/93	177725	11.0		ug/l
	RW11	RW11	2/10/94	182271	9.0		ug/l
	RW11	RW11	5/11/94	187957	(2.0)	U	ug/l
	RW11	RW11	8/11/94	194137	(2.0)	U	ug/l
	RW11	RW11	5/8/02	349137	1.6	B	ug/l
bis(2-Ethylhexyl)phthala	RW13	RW13	6/11/99	92394001	(0.58)	U	ug/l
bis(2-Ethylhexyl)phthala	RW14	RW14	12/2/91	141899	(5.0)	U	ug/l
	RW14	RW14	2/26/92	146087	(5.0)	U	ug/l
	RW14	RW14	5/13/92	149564	(5.0)	U	ug/l
	RW14	RW14	8/7/92	153108	(5.0)	U	ug/l
	RW14	RW14	11/13/92	157929	(5.0)	U	ug/l
bis(2-Ethylhexyl)phthala	RW16	X16	5/2/91	130857	180		ug/l
bis(2-Ethylhexyl)phthala	TH36	TH36	12/31/91	143553	(5.0)	U	ug/l
	TH36	TH36	2/28/92	146263	(5.0)	U	ug/l
	TH36	TH36	5/13/92	149565	(5.0)	U	ug/l
	TH36	TH36	8/10/92	153186	4.0	J	ug/l
	TH36	TH36	11/13/92	157930	4.0	J	ug/l
	TH36	TH36	2/25/93	162622	6.0		ug/l
	TH36	TH36	5/13/93	167353	(5.0)	U	ug/l
	TH36	TH36	8/12/93	172231	15.0		ug/l
	TH36	TH36	11/11/93	177724	(5.0)	U	ug/l
	TH36	TH36	2/24/94	182705	4.0	J	ug/l
	TH36	TH36	5/17/94	188272	4.0		ug/l
	TH36	TH36	8/12/94	194288	(2.0)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Base-Neutral Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
bis(2-Ethylhexyl)phthala	TH36	TH36	5/9/02	349616	(0.50)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Base-Neutral Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
N-Nitrosodiphenylamin	MW01	MW1	11/27/91	141868	(5.0)	U	ug/l
	MW01	MW1	2/25/92	146053	(5.0)	U	ug/l
	MW01	MW1	5/12/92	149519	(5.0)	U	ug/l
	MW01	MW1	8/4/92	152921	(5.0)	U	ug/l
	MW01	MW1	11/10/92	157615	(5.0)	U	ug/l
	MW01	MW1	2/15/93	162141	(5.0)	U	ug/l
	MW01	MW1	5/12/93	166597	(5.0)	U	ug/l
	MW01	MW1	8/10/93	172092	(5.0)	U	ug/l
	MW01	MW1	11/10/93	177617	(5.0)	U	ug/l
	MW01	MW1	2/9/94	182204	(5.0)	U	ug/l
	MW01	MW1	5/10/94	187877	(2.0)	U	ug/l
	MW01	MW1	8/9/94	193948	(2.0)	U	ug/l
N-Nitrosodiphenylamin	MW02A	MW2A	5/14/92	149608	(5.0)	U	ug/l
	MW02A	MW2A	5/27/93	167553	(5.0)	U	ug/l
	MW02A	MW2A	5/10/94	187878	(2.0)	U	ug/l
	MW02A	MW2A	6/9/99	92343003	(0.42)	U	ug/l
N-Nitrosodiphenylamin	MW03	MW3	5/12/92	149520	(5.0)	U	ug/l
	MW03	MW3	5/27/93	167554	(5.0)	U	ug/l
	MW03	MW3	2/10/94	182268	(5.0)	U	ug/l
	MW03	MW3	5/10/94	187879	(2.0)	U	ug/l
	MW03	MW3	6/9/99	92343004	(0.42)	U	ug/l
N-Nitrosodiphenylamin	MW04	MW4	5/12/92	149521	(5.0)	U	ug/l
	MW04	MW4	5/13/93	166648	(5.0)	U	ug/l
	MW04	MW4	5/10/94	187880	(2.0)	U	ug/l
	MW04	MW4	6/9/99	92343005	(0.42)	U	ug/l
N-Nitrosodiphenylamin	MW05	MW5	5/18/92	149707	(25.0)	U	ug/l
	MW05	MW5	5/24/93	167356	(120)	U	ug/l
	MW05	MW5	5/17/94	188273	130		ug/l
N-Nitrosodiphenylamin	MW06	MW6	5/18/92	149708	(5.0)	U	ug/l
	MW06	MW6	5/13/93	166649	(5.0)	U	ug/l
	MW06	MW6	5/11/94	187955	(2.0)	U	ug/l
	MW06	MW6	6/9/99	92343002	(0.42)	U	ug/l
N-Nitrosodiphenylamin	MW13	MW13	2/24/93	162570	(5.0)	U	ug/l
	MW13	MW13	5/13/93	166650	(5.0)	U	ug/l
	MW13	MW13	8/11/93	172959	(5.0)	U	ug/l
	MW13	MW13	11/10/93	177620	(5.0)	U	ug/l
	MW13	MW13	2/15/94	182406	(5.0)	U	ug/l
	MW13	MW13	5/13/94	188143	(2.0)	U	ug/l
	MW13	MW13	8/11/94	194136	(2.0)	U	ug/l
	MW13	MW13	5/9/02	349622	(0.60)	U	ug/l
N-Nitrosodiphenylamin	MW15	MW15	5/10/02	349626	(0.50)	U	ug/l
N-Nitrosodiphenylamin	MW16	MW16	2/25/93	162621	(5.0)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Base-Neutral Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
N-Nitrosodiphenylamin	MW16	MW16	5/21/93	167273	(5.0)	U	ug/l
	MW16	MW16	8/12/93	172230	(5.0)	U	ug/l
	MW16	MW16	11/11/93	177726	(5.0)	U	ug/l
	MW16	MW16	2/15/94	182407	(5.0)	U	ug/l
	MW16	MW16	5/13/94	188144	(2.0)	U	ug/l
	MW16	MW16	8/11/94	194138	(2.0)	U	ug/l
N-Nitrosodiphenylamin	MW17	MW17	2/25/93	162619	(5.0)	U	ug/l
	MW17	MW17	5/14/93	166759	(5.0)	U	ug/l
	MW17	MW17	8/11/93	172159	(5.0)	U	ug/l
	MW17	MW17	11/10/93	177618	(5.0)	U	ug/l
	MW17	MW17Dup	11/10/93	177621	(5.0)	U	ug/l
	MW17	MW17	2/15/94	182404	(5.0)	U	ug/l
	MW17	MW17	5/11/94	187956	(2.0)	U	ug/l
	MW17	MW17	8/10/94	194024	(2.0)	U	ug/l
N-Nitrosodiphenylamin	MW18	MW18	5/6/02	348659	(0.60)	U	ug/l
N-Nitrosodiphenylamin	MW19	MW19	2/25/93	162620	(5.0)	U	ug/l
	MW19	MW19	5/21/93	167272	(5.0)	U	ug/l
	MW19	MW19	8/11/93	172160	(5.0)	U	ug/l
	MW19	MW19	11/10/93	177619	(5.0)	U	ug/l
	MW19	MW19	2/15/94	182405	(5.0)	U	ug/l
	MW19	MW19	5/13/94	188145	(2.0)	U	ug/l
	MW19	MW19Dup	8/10/94	194026	(2.0)	U	ug/l
	MW19	MW19	8/10/94	194025	(2.0)	U	ug/l
	MW19	MW19	5/7/02	349134	(0.50)	U	ug/l
N-Nitrosodiphenylamin	MW20	MW20	5/6/02	348658	(0.60)	U	ug/l
N-Nitrosodiphenylamin	MW21	MW21	2/24/93	162569	(5.0)	U	ug/l
	MW21	MW21	5/24/93	167354	(5.0)	U	ug/l
	MW21	MW21	8/11/93	172162	(24.0)	U	ug/l
	MW21	MW21	11/11/93	177727	(5.0)	U	ug/l
	MW21	MW21	2/24/94	182706	(5.0)	U	ug/l
	MW21	MW21	5/17/94	188271	(2.0)	U	ug/l
	MW21	MW21	8/12/94	194289	(2.0)	U	ug/l
	MW21	MW21	5/8/02	349136	(0.60)	U	ug/l
N-Nitrosodiphenylamin	MW27	MW27	5/9/02	349623	(0.50)	U	ug/l
N-Nitrosodiphenylamin	MW29	MW29	5/8/02	349139	(0.50)	U	ug/l
N-Nitrosodiphenylamin	MW31	MW31	5/9/02	349613	(0.50)	U	ug/l
	MW31	MW31P	5/9/02	349614	(0.60)	U	ug/l
N-Nitrosodiphenylamin	MW33A	MW33A	6/11/99	92394002	(0.42)	U	ug/l
N-Nitrosodiphenylamin	MW34	MW34	6/11/99	92394003	(0.42)	U	ug/l
N-Nitrosodiphenylamin	MW35	MW35	6/11/99	92394004	(0.42)	U	ug/l
N-Nitrosodiphenylamin	MW36	MW36	6/16/99	92459001	(0.42)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Base-Neutral Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
N-Nitrosodiphenylamin	MW37	MW37	6/16/99	92459002	(0.42)	U	ug/l
N-Nitrosodiphenylamin	MW38	MW38	6/16/99	92459003	(0.42)	U	ug/l
N-Nitrosodiphenylamin	MW39	MW39	6/16/99	92459004	(0.42)	U	ug/l
N-Nitrosodiphenylamin	MW40	MW40	5/2/00	201708	(0.60)	U	ug/l
N-Nitrosodiphenylamin	MW41	MW41	5/2/00	201709	(0.60)	U	ug/l
N-Nitrosodiphenylamin	MW42	MW42	5/2/00	201710	(0.60)	U	ug/l
N-Nitrosodiphenylamin	MW43A	MW43A	5/2/00	201711	(0.60)	U	ug/l
N-Nitrosodiphenylamin	MW44	MW44	5/2/00	201712	(0.60)	U	ug/l
N-Nitrosodiphenylamin	MW45	MW45	5/2/00	201713	(0.60)	U	ug/l
N-Nitrosodiphenylamin	RW11	RW11	12/2/91	141900	(5.0)	U	ug/l
	RW11	RW11	2/25/92	146054	(5.0)	U	ug/l
	RW11	RW11	5/13/92	149563	(5.0)	U	ug/l
	RW11	RW11	8/5/92	152982	(5.0)	U	ug/l
	RW11	RW11	11/11/92	157673	(5.0)	U	ug/l
	RW11	RW11	2/17/93	162205	(5.0)	U	ug/l
	RW11	RW11	5/24/93	167355	(5.0)	U	ug/l
	RW11	RW11	8/11/93	172163	(5.0)	U	ug/l
	RW11	RW11	11/11/93	177725	(5.0)	U	ug/l
	RW11	RW11	2/10/94	182271	(5.0)	U	ug/l
	RW11	RW11	5/11/94	187957	(2.0)	U	ug/l
	RW11	RW11	8/11/94	194137	(2.0)	U	ug/l
	RW11	RW11	5/8/02	349137	(0.50)	U	ug/l
N-Nitrosodiphenylamin	RW13	RW13	6/11/99	92394001	(0.42)	U	ug/l
N-Nitrosodiphenylamin	RW14	RW14	12/2/91	141899	(5.0)	U	ug/l
	RW14	RW14	2/26/92	146087	(5.0)	U	ug/l
	RW14	RW14	5/13/92	149564	(5.0)	U	ug/l
	RW14	RW14	8/7/92	153108	(5.0)	U	ug/l
	RW14	RW14	11/13/92	157929	(5.0)	U	ug/l
N-Nitrosodiphenylamin	RW16	X16	5/2/91	130857	(5.0)	U	ug/l
N-Nitrosodiphenylamin	TH36	TH36	12/31/91	143553	(5.0)	U	ug/l
	TH36	TH36	2/28/92	146263	(5.0)	U	ug/l
	TH36	TH36	5/13/92	149565	(5.0)	U	ug/l
	TH36	TH36	8/10/92	153186	(5.0)	U	ug/l
	TH36	TH36	11/13/92	157930	(5.0)	U	ug/l
	TH36	TH36	2/25/93	162622	(5.0)	U	ug/l
	TH36	TH36	5/13/93	167353	(5.0)	U	ug/l
	TH36	TH36	8/12/93	172231	(5.0)	U	ug/l
	TH36	TH36	11/11/93	177724	(5.0)	U	ug/l
	TH36	TH36	2/24/94	182705	(5.0)	U	ug/l
	TH36	TH36	5/17/94	188272	(2.0)	U	ug/l
	TH36	TH36	8/12/94	194288	(2.0)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Base-Neutral Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
N-Nitrosodiphenylamin	TH36	TH36	5/9/02	349616	(0.50)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Base-Neutral Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Phenanthren	MW01	MW1	11/27/91	141868	(5.0)	U	ug/l
	MW01	MW1	2/25/92	146053	(5.0)	U	ug/l
	MW01	MW1	5/12/92	149519	(5.0)	U	ug/l
	MW01	MW1	8/4/92	152921	(5.0)	U	ug/l
	MW01	MW1	11/10/92	157615	(5.0)	U	ug/l
	MW01	MW1	2/15/93	162141	(5.0)	U	ug/l
	MW01	MW1	5/12/93	166597	(5.0)	U	ug/l
	MW01	MW1	8/10/93	172092	(5.0)	U	ug/l
	MW01	MW1	11/10/93	177617	(5.0)	U	ug/l
	MW01	MW1	2/9/94	182204	(5.0)	U	ug/l
	MW01	MW1	5/10/94	187877	(2.0)	U	ug/l
	MW01	MW1	8/9/94	193948	(2.0)	U	ug/l
Phenanthren	MW02A	MW2A	5/14/92	149608	(5.0)	U	ug/l
	MW02A	MW2A	5/27/93	167553	(5.0)	U	ug/l
	MW02A	MW2A	5/10/94	187878	(2.0)	U	ug/l
	MW02A	MW2A	6/9/99	92343003	(0.39)	U	ug/l
Phenanthren	MW03	MW3	5/12/92	149520	(5.0)	U	ug/l
	MW03	MW3	5/27/93	167554	(5.0)	U	ug/l
	MW03	MW3	2/10/94	182268	(5.0)	U	ug/l
	MW03	MW3	5/10/94	187879	(2.0)	U	ug/l
	MW03	MW3	6/9/99	92343004	(0.39)	U	ug/l
Phenanthren	MW04	MW4	5/12/92	149521	(5.0)	U	ug/l
	MW04	MW4	5/13/93	166648	(5.0)	U	ug/l
	MW04	MW4	5/10/94	187880	(2.0)	U	ug/l
	MW04	MW4	6/9/99	92343005	(0.39)	U	ug/l
Phenanthren	MW05	MW5	5/18/92	149707	53.0		ug/l
	MW05	MW5	5/24/93	167356	(120)	U	ug/l
	MW05	MW5	5/17/94	188273	92.0		ug/l
Phenanthren	MW06	MW6	5/18/92	149708	(5.0)	U	ug/l
	MW06	MW6	5/13/93	166649	(5.0)	U	ug/l
	MW06	MW6	5/11/94	187955	(2.0)	U	ug/l
	MW06	MW6	6/9/99	92343002	(0.39)	U	ug/l
Phenanthren	MW13	MW13	2/24/93	162570	(5.0)	U	ug/l
	MW13	MW13	5/13/93	166650	(5.0)	U	ug/l
	MW13	MW13	8/11/93	172959	(5.0)	U	ug/l
	MW13	MW13	11/10/93	177620	(5.0)	U	ug/l
	MW13	MW13	2/15/94	182406	(5.0)	U	ug/l
	MW13	MW13	5/13/94	188143	(2.0)	U	ug/l
	MW13	MW13	8/11/94	194136	(2.0)	U	ug/l
	MW13	MW13	5/9/02	349622	(0.50)	U	ug/l
Phenanthren	MW15	MW15	5/10/02	349626	(0.50)	U	ug/l
Phenanthren	MW16	MW16	2/25/93	162621	(5.0)	U	ug/l

NOTES:

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ug/l = micrograms per liter

APPENDIX B

Groundwater Analytical Results Database Report: Selected Base-Neutral Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Phenanthren	MW16	MW16	5/21/93	167273	(5.0)	U	ug/l
	MW16	MW16	8/12/93	172230	(5.0)	U	ug/l
	MW16	MW16	11/11/93	177726	(5.0)	U	ug/l
	MW16	MW16	2/15/94	182407	(5.0)	U	ug/l
	MW16	MW16	5/13/94	188144	(2.0)	U	ug/l
	MW16	MW16	8/11/94	194138	(2.0)	U	ug/l
Phenanthren	MW17	MW17	2/25/93	162619	(5.0)	U	ug/l
	MW17	MW17	5/14/93	166759	(5.0)	U	ug/l
	MW17	MW17	8/11/93	172159	(5.0)	U	ug/l
	MW17	MW17	11/10/93	177618	(5.0)	U	ug/l
	MW17	MW17Dup	11/10/93	177621	(5.0)	U	ug/l
	MW17	MW17	2/15/94	182404	(5.0)	U	ug/l
	MW17	MW17	5/11/94	187956	(2.0)	U	ug/l
	MW17	MW17	8/10/94	194024	(2.0)	U	ug/l
Phenanthren	MW18	MW18	5/6/02	348659	(0.50)	U	ug/l
Phenanthren	MW19	MW19	2/25/93	162620	(5.0)	U	ug/l
	MW19	MW19	5/21/93	167272	(5.0)	U	ug/l
	MW19	MW19	8/11/93	172160	(5.0)	U	ug/l
	MW19	MW19	11/10/93	177619	(5.0)	U	ug/l
	MW19	MW19	2/15/94	182405	(5.0)	U	ug/l
	MW19	MW19	5/13/94	188145	(2.0)	U	ug/l
	MW19	MW19Dup	8/10/94	194026	(2.0)	U	ug/l
	MW19	MW19	8/10/94	194025	(2.0)	U	ug/l
	MW19	MW19	5/7/02	349134	(0.50)	U	ug/l
Phenanthren	MW20	MW20	5/6/02	348658	(0.50)	U	ug/l
Phenanthren	MW21	MW21	2/24/93	162569	(5.0)	U	ug/l
	MW21	MW21	5/24/93	167354	(5.0)	U	ug/l
	MW21	MW21	8/11/93	172162	(24.0)	U	ug/l
	MW21	MW21	11/11/93	177727	(5.0)	U	ug/l
	MW21	MW21	2/24/94	182706	1.0	J	ug/l
	MW21	MW21	5/17/94	188271	(2.0)	U	ug/l
	MW21	MW21	8/12/94	194289	(2.0)	U	ug/l
	MW21	MW21	5/8/02	349136	(0.50)	U	ug/l
Phenanthren	MW27	MW27	5/9/02	349623	(0.50)	U	ug/l
Phenanthren	MW29	MW29	5/8/02	349139	(0.50)	U	ug/l
Phenanthren	MW31	MW31	5/9/02	349613	(0.50)	U	ug/l
	MW31	MW31P	5/9/02	349614	(0.50)	U	ug/l
Phenanthren	MW33A	MW33A	6/11/99	92394002	(0.39)	U	ug/l
Phenanthren	MW34	MW34	6/11/99	92394003	(0.39)	U	ug/l
Phenanthren	MW35	MW35	6/11/99	92394004	(0.39)	U	ug/l
Phenanthren	MW36	MW36	6/16/99	92459001	(0.39)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Base-Neutral Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Phenanthren	MW37	MW37	6/16/99	92459002	(0.39)	U	ug/l
Phenanthren	MW38	MW38	6/16/99	92459003	(0.39)	U	ug/l
Phenanthren	MW39	MW39	6/16/99	92459004	(0.39)	U	ug/l
Phenanthren	MW40	MW40	5/2/00	201708	(0.50)	U	ug/l
Phenanthren	MW41	MW41	5/2/00	201709	(0.50)	U	ug/l
Phenanthren	MW42	MW42	5/2/00	201710	(0.50)	U	ug/l
Phenanthren	MW43A	MW43A	5/2/00	201711	(0.50)	U	ug/l
Phenanthren	MW44	MW44	5/2/00	201712	(0.50)	U	ug/l
Phenanthren	MW45	MW45	5/2/00	201713	(0.50)	U	ug/l
Phenanthren	RW11	RW11	12/2/91	141900	(5.0)	U	ug/l
	RW11	RW11	2/25/92	146054	(5.0)	U	ug/l
	RW11	RW11	5/13/92	149563	(5.0)	U	ug/l
	RW11	RW11	8/5/92	152982	(5.0)	U	ug/l
	RW11	RW11	11/11/92	157673	(5.0)	U	ug/l
	RW11	RW11	2/17/93	162205	(5.0)	U	ug/l
	RW11	RW11	5/24/93	167355	(5.0)	U	ug/l
	RW11	RW11	8/11/93	172163	(5.0)	U	ug/l
	RW11	RW11	11/11/93	177725	(5.0)	U	ug/l
	RW11	RW11	2/10/94	182271	(5.0)	U	ug/l
	RW11	RW11	5/11/94	187957	(2.0)	U	ug/l
	RW11	RW11	8/11/94	194137	(2.0)	U	ug/l
	RW11	RW11	5/8/02	349137	(0.50)	U	ug/l
Phenanthren	RW13	RW13	6/11/99	92394001	(0.39)	U	ug/l
Phenanthren	RW14	RW14	12/2/91	141899	(5.0)	U	ug/l
	RW14	RW14	2/26/92	146087	(5.0)	U	ug/l
	RW14	RW14	5/13/92	149564	(5.0)	U	ug/l
	RW14	RW14	8/7/92	153108	(5.0)	U	ug/l
	RW14	RW14	11/13/92	157929	(5.0)	U	ug/l
Phenanthren	RW16	X16	5/2/91	130857	74.0		ug/l
Phenanthren	TH36	TH36	12/31/91	143553	(5.0)	U	ug/l
	TH36	TH36	2/28/92	146263	(5.0)	U	ug/l
	TH36	TH36	5/13/92	149565	(5.0)	U	ug/l
	TH36	TH36	8/10/92	153186	(5.0)	U	ug/l
	TH36	TH36	11/13/92	157930	(5.0)	U	ug/l
	TH36	TH36	2/25/93	162622	(5.0)	U	ug/l
	TH36	TH36	5/13/93	167353	(5.0)	U	ug/l
	TH36	TH36	8/12/93	172231	(5.0)	U	ug/l
	TH36	TH36	11/11/93	177724	(5.0)	U	ug/l
	TH36	TH36	2/24/94	182705	(5.0)	U	ug/l
	TH36	TH36	5/17/94	188272	(2.0)	U	ug/l
	TH36	TH36	8/12/94	194288	(2.0)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Selected Base-Neutral Organic Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Phenanthren	TH36	TH36	5/9/02	349616	(0.50)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report: Tentatively Identified Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Total VOC TIC	MW01	MW1	11/27/91	141868	9.0	J	ug/l
	MW01	MW1	11/10/92	157615	31.0	J	ug/l
	MW01	MW1	5/12/93	166597	41.0	J	ug/l
Total VOC TIC	MW02A	MW2A	9/9/92	154494	505	J	ug/l
	MW02A	MW2A	11/10/92	157616	53.0	J	ug/l
Total VOC TIC	MW03	MW3	9/2/92	154207	5586	J	ug/l
	MW03	MW3	11/10/92	157617	746	J	ug/l
Total VOC TIC	MW04	MW4	5/12/92	149521	162	J	ug/l
	MW04	MW4	9/2/92	154208	309	J	ug/l
	MW04	MW4	11/11/92	157671	600	J	ug/l
Total VOC TIC	MW05	MW5	5/18/92	149707	230	J	ug/l
Total VOC TIC	MW06	MW6	5/18/92	149708	170	J	ug/l
	MW06	MW6	9/2/92	154209	503	J	ug/l
	MW06	MW6	11/11/92	157672	81.0	J	ug/l
Total VOC TIC	MW19	MW19	5/21/93	167272	237	J	ug/l
Total VOC TIC	MW21	MW21	8/11/93	172162	(0)	U	ug/l
Total VOC TIC	RW04	RW4	11/8/91	140780	144600(	J	ug/l
Total VOC TIC	RW05	RW5	11/8/91	140781	110	J	ug/l
Total VOC TIC	RW11	RW11	12/2/91	141900	198.(	J	ug/l
	RW11	RW11	12/2/91	141900	9.0	J	ug/l
Total VOC TIC	RW14	RW14	12/2/91	141899	9.0	J	ug/l
	RW14	RW14	9/9/92	154497	90.0	J	ug/l
	RW14	RW14	11/13/92	157929	345	J	ug/l
Total VOC TIC	RW16	X16	4/26/91	130652	50.0	J	ug/l
	RW16	X16	5/2/91	130857	2062	J	ug/l
Total VOC TIC	TH36	TH36	12/31/91	143553	18.0	J	ug/l
	TH36	TH36	9/9/92	154496	29.0	J	ug/l
	TH36	TH36	11/13/92	157930	106	J	ug/l

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ug/l = micrograms per liter

APPENDIX B

Groundwater Analytical Results Database Report: Tentatively Identified Compounds

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Total BN TIC:	MW01	MW1	11/27/91	141868	170	J	ug/l
	MW01	MW1	5/12/92	149519	170	J	ug/l
	MW01	MW1	11/10/92	157615	154	J	ug/l
	MW01	MW1	5/12/93	166597	74.0	J	ug/l
Total BN TIC:	MW02A	MW2A	5/14/92	149608	261	J	ug/l
	MW02A	MW2A	5/27/93	167553	13.0	J	ug/l
Total BN TIC:	MW03	MW3	5/12/92	149520	170	J	ug/l
Total BN TIC:	MW05	MW5	5/18/92	149707	28100	J	ug/l
	MW05	MW5	5/24/93	167356	10330	J	ug/l
	MW05	MW5	5/17/94	188273	14340	J	ug/l
Total BN TIC:	MW13	MW13	5/13/93	166650	5.0	J	ug/l
	MW13	MW13	11/10/93	177620	5.0	J	ug/l
	MW13	MW13	5/13/94	188143	36.0	B	ug/l
Total BN TIC:	MW16	MW16	8/12/93	172230	21.0	J	ug/l
	MW16	MW16	5/13/94	188144	14.0	B	ug/l
Total BN TIC:	MW17	MW17	5/11/94	187956	4.0	J	ug/l
Total BN TIC:	MW19	MW19	5/13/94	188145	20.0	J	ug/l
Total BN TIC:	MW21	MW21	5/24/93	167354	172	J	ug/l
	MW21	MW21	11/11/93	177727	265	J	ug/l
Total BN TIC:	MW34	MW34	6/11/99	92394003	4.0	J	ug/l
Total BN TIC:	RW11	RW11	5/13/92	149563	174	J	ug/l
	RW11	RW11	11/11/92	157673	251	J	ug/l
	RW11	RW11	2/17/93	162205	55.0	J	ug/l
	RW11	RW11	5/24/93	167355	75.0	J	ug/l
	RW11	RW11	8/11/93	172163	(0)	U	ug/l
	RW11	RW11	11/11/93	177725	65.0	J	ug/l
	RW11	RW11	5/11/94	187957	48.0	J	ug/l
	RW11	RW11	8/11/94	194137	39.0	J	ug/l
Total BN TIC:	RW14	RW14	12/2/91	141899	193	J	ug/l
	RW14	RW14	11/13/92	157929	277	J	ug/l
Total BN TIC:	RW16	X16	5/2/91	130857	559	J	ug/l
Total BN TIC:	TH36	TH36	12/31/91	143553	220	J	ug/l
	TH36	TH36	11/13/92	157930	427	J	ug/l
	TH36	TH36	5/13/93	167353	24.0	J	ug/l
	TH36	TH36	8/12/93	172231	10.0	J	ug/l
	TH36	TH36	8/12/94	194288	8.0	J	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report:
Arsenic, Chromium, and Lead

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Arsenic	MW01	MW1	1/11/89	96942(d)	(0.04)	U	mg/l
	MW01	MW1	1/11/89	96942	(0.003)	U	mg/l
	MW01	MW1	1/4/90	111372	(0.004)	U	mg/l
	MW01	MW1	1/9/91	126327	(0.004)	U	mg/l
	MW01	MW1	5/12/92	149519	(0.004)	U	ug/l
	MW01	MW01	4/30/02	347679	(3.4)	U	ug/l
Arsenic	MW02	MW2	1/11/89	96943	(0.056)	U	mg/l
	MW02	MW2	1/11/89	96943	(0.0003)	U	mg/l
	MW02	MW2	1/9/91	126328	(0.004)	U	mg/l
Arsenic	MW02A	MW2A	1/4/90	111373	(0.004)	U	mg/l
	MW02A	MW2A	5/14/92	149608	(0.004)	U	mg/l
	MW02A	MW2A	6/9/99	92343003	(1.53)	U	ug/l
	MW02A	MW2A	5/2/02	348228	(6.4)	U	ug/l
Arsenic	MW03	MW3	1/11/89	96944	(0.04)	U	mg/l
	MW03	MW3	1/11/89	96944	(0.003)	U	mg/l
	MW03	MW3	1/4/90	111374	(0.004)	U	mg/l
	MW03	MW3	1/10/91	126421	(0.004)	U	mg/l
	MW03	MW3	5/12/92	149520	(0.004)	U	mg/l
	MW03	MW3	6/9/99	92343004	(1.53)	U	ug/l
	MW03	MW03	5/6/02	348653	(3.4)	U	ug/l
Arsenic	MW04	MW4	1/11/89	96945	0.09		mg/l
	MW04	MW4	1/11/89	96945	(0.003)	U	mg/l
	MW04	MW4	1/4/90	111375	(0.004)	U	mg/l
	MW04	MW4	1/10/91	126422	(0.004)	U	mg/l
	MW04	MW4	5/12/92	149521	(0.004)	U	mg/l
	MW04	MW4	6/9/99	92343005	(1.53)	U	ug/l
Arsenic	MW05	MW5	1/11/89	96946	(0.003)	U	mg/l
	MW05	MW5	1/11/89	96946	0.73		mg/l
	MW05	MW5	1/4/90	111376	(0.004)	U	mg/l
	MW05	MW5	1/10/91	126423	(0.004)	U	mg/l
	MW05	MW5	5/18/92	149707	(0.004)	U	mg/l
Arsenic	MW06	MW6	5/18/92	149708	(0.004)	U	mg/l
	MW06	MW6	6/9/99	92343002	(1.53)	U	ug/l
	MW06	MW06	5/7/02	349141	(3.4)	U	ug/l
Arsenic	MW13	MW13	5/9/02	349622	(3.4)	U	ug/l
Arsenic	MW30	MW30	5/10/02	349618	6.8		ug/l
Arsenic	MW31	MW31P	5/9/02	349614	(3.4)	U	ug/l
	MW31	MW31	5/9/02	349613	(3.4)	U	ug/l
Arsenic	MW33A	MW33A	6/11/99	92394002	(1.53)	U	ug/l
	MW33A	MW33A	5/1/02	348225	(6.4)	U	ug/l
Arsenic	MW34	MW34	6/11/99	92394003	(1.53)	U	ug/l
	MW34	MW34	5/1/02	348226	(6.4)	U	ug/l

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APPENDIX B

Groundwater Analytical Results Database Report:
Arsenic, Chromium, and Lead

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Arsenic	MW35	MW35	6/11/99	92394004	(1.53)	U	ug/l
	MW35	MW35	5/2/02	348229	(6.4)	U	ug/l
Arsenic	MW36	MW36	6/16/99	92459001	(1.53)	U	ug/l
	MW36	MW36	5/6/02	348655	14.8		ug/l
Arsenic	MW37	MW37	6/16/99	92459002	(1.53)	U	ug/l
	MW37	MW37	4/30/02	347681	(3.4)	U	ug/l
Arsenic	MW38	MW38	6/16/99	92459003	(1.53)	U	ug/l
	MW38	MW38	4/30/02	347682	(3.4)	U	ug/l
Arsenic	MW39	MW39	6/16/99	92459004	(1.53)	U	ug/l
	MW39	MW39	5/8/02	349144	13.5		ug/l
Arsenic	MW40	MW40	5/2/00	201708	(3.6)	U	ug/l
Arsenic	MW41	MW41	5/2/00	201709	(3.6)	U	ug/l
Arsenic	MW42	MW42	5/2/00	201710	(3.6)	U	ug/l
Arsenic	MW43A	MW43A	5/2/00	201711	(3.6)	U	ug/l
Arsenic	MW44	MW44	5/2/00	201712	(3.6)	U	ug/l
Arsenic	MW45	MW45	5/2/00	201713	(3.6)	U	ug/l
Arsenic	RW01	RW1	5/4/90	116208	(0.004)	U	mg/l
Arsenic	RW04	MW04	5/6/02	348654	(3.4)	U	ug/l
Arsenic	RW09	RW9	6/10/91	132821	(0.80)	U	mg/kg
Arsenic	RW11	RW11	5/8/02	349137	(3.4)	U	ug/l
Arsenic	RW13	RW13	6/11/99	92394001	(1.53)	U	ug/l
Arsenic	RW16	X16	4/26/91	130652	0.007		mg/l
Arsenic	TH36	TH36	5/9/02	349616	38.7		ug/l

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APPENDIX B

Groundwater Analytical Results Database Report:
Arsenic, Chromium, and Lead

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Chromium	DSN-003L	DSN-003L	7/20/89	104368	(0.012)	U	mg/l
Chromium	MW01	MW01	4/30/02	347679	5.4		ug/l
Chromium	MW02A	MW2A	6/9/99	92343003	(0.472)	U	ug/l
	MW02A	MW2A	5/2/02	348228	(3.2)	U	ug/l
Chromium	MW03	MW3	6/9/99	92343004	(0.472)	U	ug/l
	MW03	MW03	5/6/02	348653	(2.8)	U	ug/l
Chromium	MW04	MW4	6/9/99	92343005	(0.472)	U	ug/l
Chromium	MW06	MW6	6/9/99	92343002	0.535	B	ug/l
	MW06	MW06	5/7/02	349141	(2.8)	U	ug/l
Chromium	MW13	MW13	5/9/02	349622	4.6		ug/l
Chromium	MW30	MW30	5/10/02	349618	13.7		ug/l
Chromium	MW31	MW31P	5/9/02	349614	(2.8)	U	ug/l
	MW31	MW31	5/9/02	349613	(2.8)	U	ug/l
Chromium	MW33A	MW33A	6/11/99	92394002	4.22	B	ug/l
	MW33A	MW33A	5/1/02	348225	7.0		ug/l
Chromium	MW34	MW34	6/11/99	92394003	1.26	B	ug/l
	MW34	MW34	5/1/02	348226	6.2		ug/l
Chromium	MW35	MW35	6/11/99	92394004	0.61	B	ug/l
	MW35	MW35	5/2/02	348229	3.8		ug/l
Chromium	MW36	MW36	6/16/99	92459001	0.78	B	ug/l
	MW36	MW36	5/6/02	348655	29.8		ug/l
Chromium	MW37	MW37	6/16/99	92459002	3.4	B	ug/l
	MW37	MW37	4/30/02	347681	(2.8)	U	ug/l
Chromium	MW38	MW38	6/16/99	92459003	1.28	B	ug/l
	MW38	MW38	4/30/02	347682	6.4		ug/l
Chromium	MW39	MW39	6/16/99	92459004	1.77	B	ug/l
	MW39	MW39	5/8/02	349144	155		ug/l
Chromium	MW40	MW40	5/2/00	201708	(1.1)	U	ug/l
Chromium	MW41	MW41	5/2/00	201709	1.9		ug/l
Chromium	MW42	MW42	5/2/00	201710	4.9		ug/l
Chromium	MW43A	MW43A	5/2/00	201711	4.4		ug/l
Chromium	MW44	MW44	5/2/00	201712	7.1		ug/l
Chromium	MW45	MW45	5/2/00	201713	7.4		ug/l
Chromium	RW01	RW1	5/4/90	116208	(0.010)	U	mg/l
Chromium	RW04	MW04	5/6/02	348654	(2.8)	U	ug/l
Chromium	RW09	RW9	6/10/91	132821	2.6		mg/kg
Chromium	RW11	RW11	5/8/02	349137	118		ug/l
Chromium	RW13	RW13	6/11/99	92394001	2.03	B	ug/l

NOTES:

Q = Result Qualifiers

U - Indicates that the analyte was not detected at the concentration indicated in paren

J - Indicates that the analyte was detected at a concentration less than the MDL and is esti

ug/l = micrograms per liter

APPENDIX B

Groundwater Analytical Results Database Report:
Arsenic, Chromium, and Lead

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Chromium	RW16	X16	4/26/91	130652	(0.01)	U	mg/l
Chromium	TH36	TH36	5/9/02	349616	20.8		ug/l

NOTES:

Q = Result Qualifiers

U - Indicates that the analyte was not detected at the concentration indicated in paren

J - Indicates that the analyte was detected at a concentration less than the MDL and is esti

ug/l = micrograms per liter

APPENDIX B

Groundwater Analytical Results Database Report: Arsenic, Chromium, and Lead

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Lead	DSN-003L	DSN-003L	7/20/89	104368	0.005		mg/l
Lead	MW01	MW1	8/3/88	88573	(0.004	U	mg/l
	MW01	MW1	1/11/89	96942	(0.004	U	mg/l
	MW01	MW1	4/20/89	100597	(0.040	U	mg/l
	MW01	MW1	7/20/89	104366	(0.004	U	mg/l
	MW01	MW1	10/18/89	108058	(0.004	U	mg/l
	MW01	MW1	10/19/89	93476	(0.004	U	mg/l
	MW01	MW1	1/4/90	111372	(0.004	U	mg/l
	MW01	MW1	4/4/90	114946	(0.004	U	mg/l
	MW01	MW1	7/10/90	118813	(0.004	U	mg/l
	MW01	MW1	10/4/90	122714	(0.004	U	mg/l
	MW01	MW1	1/9/91	126327	(0.004	U	mg/l
	MW01	MW1	4/3/91	129262	(0.004	U	mg/l
	MW01	MW1	7/2/91	134157	(0.004	U	mg/l
	MW01	MW1	5/12/92	149519	(0.004	U	ug/l
	MW01	MW1	5/12/93	166597	(0.004	U	mg/l
	MW01	MW1	5/10/94	187877	(0.004	U	mg/l
	MW01	MW01	4/30/02	347679	(2.2)	U	ug/l
Lead	MW02	MW2	8/3/88	88574	0.007		mg/l
	MW02	MW2	10/19/88	93477	(0.004	U	mg/l
	MW02	MW2	1/11/89	96943	(0.0004	U	mg/l
	MW02	MW2	4/20/89	100598	(0.053	U	mg/l
	MW02	MW2	4/4/90	114947	(0.004	U	mg/l
	MW02	MW2	7/10/90	118814	(0.004	U	mg/l
	MW02	MW2	10/4/90	122715	(0.004	U	mg/l
	MW02	MW2	1/9/91	126328	(0.004	U	mg/l
Lead	MW02A	MW2A	1/4/90	111373	(0.004	U	mg/l
	MW02A	MW2A	4/3/91	129263	(0.004	U	mg/l
	MW02A	MW2A	7/2/91	134158	(0.004	U	mg/l
	MW02A	MW2A	5/14/92	149608	(0.004	U	mg/l
	MW02A	MW2A	5/12/93	166598	(0.004	U	mg/l
	MW02A	MW2A	5/10/94	187878	(0.004	U	mg/l
	MW02A	MW2A	6/9/99	92343003	(0.525	U	ug/l
	MW02A	MW2A	5/2/02	348228	(4.6)	U	ug/l

NOTES:

Q = Result Qualifiers

U - Indicates that the analyte was not detected at the concentration indicated in paren

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ug/l = micrograms per liter

APPENDIX B

Groundwater Analytical Results Database Report: Arsenic, Chromium, and Lead

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Lead	MW03	MW3	8/4/88	88824	0.004		mg/l
	MW03	MW3	10/19/88	93478	(0.004	U	mg/l
	MW03	MW3	1/11/89	96944	(0.004	U	mg/l
	MW03	MW3	4/20/89	100599	(0.040	U	mg/l
	MW03	MW3	7/21/89	104406	(0.004	U	mg/l
	MW03	MW3	10/24/89	108370	(0.004	U	mg/l
	MW03	MW3	1/4/90	111374	(0.004	U	mg/l
	MW03	MW3	4/4/90	114947	(0.004	U	mg/l
	MW03	MW3	7/10/90	118815	(0.004	U	mg/l
	MW03	MW3	10/4/90	122716	(0.004	U	mg/l
	MW03	MW3	1/10/91	126421	(0.004	U	mg/l
	MW03	MW3	4/3/91	129264	(0.004	U	mg/l
	MW03	MW3	7/2/91	134159	(0.004	U	mg/l
	MW03	MW3	5/12/92	149520	(0.004	U	mg/l
	MW03	MW3	5/12/93	166599	(0.004	U	mg/l
	MW03	MW3	5/10/94	187879	(0.004	U	mg/l
	MW03	MW3	6/9/99	92343004	(0.525	U	ug/l
	MW03	MW03	5/6/02	348653	(2.2)	U	ug/l
Lead	MW04	MW4	8/4/88	88825	0.004		mg/l
	MW04	MW4	10/19/88	93479	(0.004	U	mg/l
	MW04	MW4	1/11/89	96945	(0.004	U	mg/l
	MW04	MW4	4/20/89	100600	0.027		mg/l
	MW04	MW4	7/21/89	104407	(0.004	U	mg/l
	MW04	MW4	10/24/89	108371	0.005		mg/l
	MW04	MW4	1/4/90	111375	(0.004	U	mg/l
	MW04	MW4	4/4/90	114948	(0.004	U	mg/l
	MW04	MW4	7/10/90	118816	(0.004	U	mg/l
	MW04	MW4	10/4/90	122717	(0.004	U	mg/l
	MW04	MW4	1/10/91	126422	(0.004	U	mg/l
	MW04	MW4	4/3/91	129265	(0.004	U	mg/l
	MW04	MW4	7/2/91	134160	(0.004	U	mg/l
	MW04	MW4	5/12/92	149521	(0.004	U	mg/l
	MW04	MW4	5/13/93	166648	(0.004	U	mg/l
	MW04	MW4	5/10/94	187880	(0.004	U	mg/l
	MW04	MW4	6/9/99	92343005	(0.525	U	ug/l

NOTES:

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ug/l = micrograms per liter

APPENDIX B

Groundwater Analytical Results Database Report: Arsenic, Chromium, and Lead

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Lead	MW05	MW5	8/4/88	88826	19.7		mg/l
	MW05	MW5	10/19/88	93480	(0.004	U	mg/l
	MW05	MW5	1/11/89	96946	(0.004	U	mg/l
	MW05	MW5	4/20/89	100601	(0.040	U	mg/l
	MW05	MW5	7/21/89	104408	(0.004	U	mg/l
	MW05	MW5	10/18/89	108059	(0.004	U	mg/l
	MW05	MW5	1/4/90	111376	(0.004	U	mg/l
	MW05	MW5	4/4/90	114950	(0.004	U	mg/l
	MW05	MW5	7/10/90	118817	(1.0)	U	mg/l
	MW05	MW5	10/4/90	122718	(0.004	U	mg/l
	MW05	MW5	1/10/91	126423	(0.004	U	mg/l
	MW05	MW5	4/3/91	129266	(0.004	U	mg/l
	MW05	MW5	7/2/91	134161	(0.004	U	mg/l
	MW05	MW5	5/18/92	149707	(0.004	U	mg/l
	MW05	MW5	5/24/93	167356	(0.004	U	mg/l
	MW05	MW5	5/17/94	188273	0.005		mg/l
Lead	MW06	MW6	5/18/92	149708	(0.004	U	mg/l
	MW06	MW6	5/13/93	166649	(0.004	U	mg/l
	MW06	MW6	5/11/94	187955	(0.004	U	mg/l
	MW06	MW6	6/9/99	92343002	(0.525	U	ug/l
	MW06	MW06	5/7/02	349141	(2.2)	U	ug/l
Lead	MW13	MW13	5/9/02	349622	(2.2)	U	ug/l
Lead	MW30	MW30	5/10/02	349618	13.2		ug/l
Lead	MW31	MW31	5/9/02	349613	(2.2)	U	ug/l
	MW31	MW31P	5/9/02	349614	(2.2)	U	ug/l
Lead	MW33A	MW33A	6/11/99	92394002	(0.525	U	ug/l
	MW33A	MW33A	5/1/02	348225	4.6		ug/l
Lead	MW34	MW34	6/11/99	92394003	(0.525	U	ug/l
	MW34	MW34	5/1/02	348226	6.1		ug/l
Lead	MW35	MW35	6/11/99	92394004	0.71	B	ug/l
	MW35	MW35	5/2/02	348229	(4.6)	U	ug/l
Lead	MW36	MW36	6/16/99	92459001	(0.525	U	ug/l
	MW36	MW36	5/6/02	348655	51.2		ug/l
Lead	MW37	MW37	6/16/99	92459002	(0.525	U	ug/l
	MW37	MW37	4/30/02	347681	(2.2)	U	ug/l
Lead	MW38	MW38	6/16/99	92459003	(0.525	U	ug/l
	MW38	MW38	4/30/02	347682	(2.2)	U	ug/l
Lead	MW39	MW39	6/16/99	92459004	1.32	B	ug/l
	MW39	MW39	5/8/02	349144	114		ug/l
Lead	MW40	MW40	5/2/00	201708	(2.1)	U	ug/l
Lead	MW41	MW41	5/2/00	201709	(2.1)	U	ug/l

NOTES:

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J - Indicates that the analyte was detected at a concentration less than the MDL and is esti

ug/l = micrograms per liter

APPENDIX B

Groundwater Analytical Results Database Report:
Arsenic, Chromium, and Lead

Analyte	Well ID	Sample ID	Date	Lab ID	Result	Q	Units
Lead	MW42	MW42	5/2/00	201710	(2.1)	U	ug/l
Lead	MW43A	MW43A	5/2/00	201711	(2.1)	U	ug/l
Lead	MW44	MW44	5/2/00	201712	(2.1)	U	ug/l
Lead	MW45	MW45	5/2/00	201713	3.3		ug/l
Lead	RW01	RW1	5/4/90	116208	(0.004)	U	mg/l
Lead	RW04	MW04	5/6/02	348654	(2.2)	U	ug/l
Lead	RW09	RW9	6/10/91	132821	(5.0)	U	mg/kg
Lead	RW11	RW11	5/8/02	349137	(2.2)	U	ug/l
Lead	RW13	RW13	6/11/99	92394001	(0.525)	U	ug/l
Lead	RW16	X16	4/26/91	130652	(0.004)	U	mg/l
Lead	TH36	TH36	5/9/02	349616	51.4		ug/l

NOTES:
Q = Result Qualifiers
U - Indicates that the analyte was not detected at the concentration indicated in paren
J - Indicates that the analyte was detected at a concentration less than the MDL and is esti
ug/l = micrograms per liter

APPENDIX C

Summary of Historical Gauging Data

APPENDIX B
SUMMARY OF HISTORIC WATER ELEVATION AND PRODUCT GAUGING DATA
Ingersoll Rand Company
Phillipsburg, New Jersey

	January-95	February-95	March-95	April-95	May-95	June-95	July-95	August-95	September-95	October-95	November-95	December-95
MW1	259.70 / 0	263.11 / 0	266.41 / 0	263.52 / 0	257.61 / 0	254.70 / 0	254.34 / 0	253.08 / 0	251.84 / 0	251.68 / 0	253.95 / 0	255.31 / 0
MW2A	254.45 / 0	252.92 / 0	256.24 / 0	254.38 / 0	252.64 / 0	251.02 / 0	249.60 / 0	249.16 / 0	247.90 / 0	247.81 / 0	250.11 / 0	252.47 / 0
MW3	255.60 / 0	254.74 / 0	256.77 / 0	255.97 / 0	254.52 / 0	252.97 / 0	251.33 / 0	250.00 / 0	249.41 / 0	249.17 / 0	251.39 / 0	252.58 / 0
MW4	229.28 / 0	228.41 / 0	230.16 / 0	229.32 / 0	228.63 / 0	227.47 / 0	226.90 / 0	226.63 / 0	224.83 / 0	224.67 / 0	227.43 / 0	228.85 / 0
MW5	251.92 / 0.06	256.26 / 0.04	254.61 / 0.04	253.89 / 0.21	260.00 / 0.18	248.44 / 0.001	244.48 / 0.14	241.85 / 0.08	239.26 / 2.76	238.52 / 2.69	246.87 / 2.84	248.49 / 2.68
MW6	250.24 / 0	250.00 / 0	252.64 / 0	249.06 / 0.001	250.18 / 0	248.66 / 0	247.23 / 0	246.33 / 0	245.23 / 0	244.60 / 0	247.80 / 0	248.56 / 0
MW8	272.13 / 0.03	270.06 / 0.001	271.68 / 0.001	269.93 / 0	271.03 / 0.04	269.11 / 0.08	268.35 / 0.08	266.53 / 0.01	265.85 / 0.01	263.54 / 0.08	266.70 / 0.06	269.83 / 0.04
MW9	262.33 / 0.25	257.91 / 0.16	263.56 / 0.16	261.76 / 0.16	260.05 / 0.26	255.89 / 0.19	255.63 / 0.17	254.51 / 0.19	252.61 / 0.26	251.60 / 0.16	255.95 / 0.16	256.82 / 0.22
MW10	273.93 / 0.01	274.65 / 0.001	280.06 / 0.001	269.62 / 0.001	274.78 / 0.08	268.51 / 0.1	269.87 / 0.21	271.31 / 0.001	270.17 / 0.07	269.92 / 0.07	273.98 / 0.04	275.88 / 0.02
MW11	276.54 / 0.001	278.37 / 0.001	281.72 / 0.001	273.69 / 0.001	268.91 / 0.02	267.76 / 0.02	263.13 / 0.09	272.31 / 0.02	271.69 / 0.03	271.47 / 0.02	274.15 / 0.01	273.51 / 0
MW12	259.73 / 0.001	259.53 / 0.01	262.18 / 0.01	259.76 / 0.02	259.94 / 0.001	258.04 / 0.03	256.28 / 0.06	254.73 / 0.02	253.72 / 0	252.30 / 0.05	255.83 / 0.02	258.15 / 0.05
MW13	261.63 / 0	262.62 / 0	266.43 / 0	256.80 / 0	263.02 / 0	258.98 / 0	256.16 / 0	254.31 / 0	253.48 / 0	252.88 / 0	256.36 / 0	259.87 / 0
MW14	257.48 / 0.68	253.88 / 0.02	257.82 / 0.24	256.85 / 0.39	255.24 / 0.22	252.69 / 0.18	250.63 / 0.25	249.06 / 0.52	250.63 / 0.37	246.85 / 1.88	251.91 / 0.16	254.18 / 0.29
MW15	258.14 / 0	260.80 / 0	269.73 / 0	268.25 / 0	257.57 / 0	255.43 / 0	254.24 / 0	252.24 / 0	250.40 / 0	250.49 / 0	252.36 / 0	255.01 / 0
MW16	268.18 / 0	269.05 / 0	273.93 / 0	271.90 / 0	267.20 / 0	264.24 / 0	264.09 / 0	264.25 / 0	263.19 / 0	262.95 / 0	266.89 / 0	267.72 / 0
MW17	258.10 / 0	262.31 / 0	260.75 / 0	260.20 / 0	258.67 / 0	258.04 / 0	255.42 / 0	254.27 / 0	253.02 / 0	252.16 / 0	255.03 / 0	256.31 / 0
MW18	259.28 / 0	261.36 / 0	266.82 / 0	264.06 / 0	260.55 / 0	255.26 / 0	254.47 / 0	254.54 / 0	253.22 / 0	252.35 / 0	255.32 / 0	256.78 / 0
MW19	240.48 / 0	241.63 / 0	247.94 / 0	243.31 / 0	241.64 / 0	236.25 / 0	237.73 / 0	236.78 / 0	235.64 / 0	235.02 / 0	238.55 / 0	238.69 / 0
MW20	257.76 / 0	261.36 / 0	264.98 / 0	260.38 / 0	253.74 / 0	250.08 / 0	248.63 / 0	254.28 / 0	252.91 / 0	252.11 / 0	254.86 / 0	256.23 / 0
MW21	258.78 / 0.001	259.73 / 0.001	263.41 / 0.001	262.57 / 0.001	253.48 / 0.001	260.14 / 0.001	264.30 / 0.001	256.98 / 0.02	256.36 / 0	254.35 / 0.001	258.75 / 0.001	258.87 / 0.001
MW24	258.87 / 0	261.15 / 0	265.98 / 0	289.71 / 0	284.17 / 0	277.96 / 0	253.18 / 0	251.23 / 0	249.75 / 0	249.57 / 0	253.80 / 0	258.15 / 0
MW25	259.34 / 0.001	260.13 / 0.001	253.54 / 0.001	250.75 / 0.001	277.01 / 0	254.56 / 0.01	248.40 / 0.01	240.52 / 0.001	237.03 / 0	235.74 / 0	244.71 / 0	242.86 / 0
MW26	246.29 / 0	248.99 / 0	246.29 / 0	246.29 / 0.001	250.95 / 0.01	244.02 / 0.001	240.78 / 0.01	239.07 / 0.01	236.32 / 0.001	236.45 / 0.01	241.00 / 0.01	242.01 / 0.05
MW27												
MW28A												
MW29												
MW30												
MW31												
MW32												
MW33A												
MW34												
MW35												
MW36												
MW37												
MW38												
MW39												
MW40												
MW41												
MW42												

NOTES:
Grayed boxes indicate that data was not available or not collected.
GWE / PT - Groundwater Elevation in feet AMSL.
PT - Product Thickness in feet.

APPENDIX B
SUMMARY OF HISTORIC WATER ELEVATION AND PRODUCT GAUGING DATA
Ingersoll Rand Company
Phillipsburg, New Jersey

	January-95	February-95	March-95	April-95	May-95	June-95	July-95	August-95	September-95	October-95	November-95	December-95
MW43A												
MW44												
MW45												
RW1	250.07 / 0.23	251.37 / 0.42	270.56 / 0.12	265.04 / 0.17	264.13 / 0.15	261.67 / 0.03	260.53 / 0.001	259.76 / 0.06	259.35 / 0.001	257.82 / 0.001	261.83 / 0.001	261.78 / 0.35
RW2	269.63 / 2.27	273.93 / 3.15	279.22 / 0.78	274.06 / 1.01	268.47 / 0.07	264.70 / 0.48	267.81 / 0.001	268.85 / 0.06	271.31 / 0.01	270.54 / 0.05	270.05 / 0.5	268.60 / 1.15
RW3	259.40 / 0.02	261.55 / 0.09	266.82 / 0.12	264.72 / 0.19	262.44 / 1.28	260.27 / 0.18	257.32 / 0.01	256.15 / 0.15	255.62 / 0	255.33 / 0.07	258.68 / 0.65	259.91 / 0.54
RW4	257.54 / 0.001	259.79 / 0.001	261.54 / 0.02	260.91 / 0.01	258.11 / 0.05	257.57 / 0.02	255.61 / 0.01	254.71 / 0.02	253.41 / 0.01	252.58 / 0.001	255.22 / 1.18	256.69 / 0.01
RW5	263.30 / 0.15	265.99 / 0.16	268.60 / 0.19	266.32 / 0.34	265.48 / 0.28	262.68 / 0.26	263.17 / 0.26	260.53 / 0.13	260.14 / 0.15	258.80 / 0.2	263.72 / 1.48	264.42 / 0.52
RW6	260.06 / 0.19	266.48 / 0.39	270.57 / 0.1	267.82 / 0.07	267.21 / 0.22	263.28 / 0.37	261.61 / 0.07	258.41 / 0.03	260.40 / 0.59	260.28 / 0.43	264.36 / 0.57	265.56 / 0.38
RW7	274.48 / 0	276.88 / 0	285.77 / 0.001	275.20 / 0.001	272.97 / 0	271.81 / 0	272.47 / 0.001	268.77 / 0	276.63 / 0	278.23 / 0.001	276.81 / 0	272.34 / 0.11
RW8	278.63 / 0.001	287.16 / 0.02	285.78 / 0.001	287.02 / 0.14	276.63 / 0.14	270.40 / 0.14	278.92 / 1.28	267.38 / 0.33	291.08 / 0.01	293.05 / 0.02	283.77 / 0.17	273.51 / 0.24
RW8A	277.55 / 0.32	286.53 / 0.6	289.57 / 0.001	286.20 / 0.02	277.08 / 0.48	269.99 / 0.23	279.81 / 0.24	266.83 / 1.24	289.93 / 1.43	291.50 / 1.3	282.49 / 1.43	272.16 / 0.11
RW9	278.83 / 3.49	281.80 / 3.22	290.91 / 2.74	274.96 / 3.02	267.39 / 3.39	272.66 / 3.87	295.87 / 0.74	289.48 / 1.14	285.28 / 1.47	285.18 / 1.51	287.42 / 1.39	286.04 / 1.4
RW10	263.52 / 0	265.46 / 0	268.39 / 0	262.95 / 0	268.03 / 0	265.85 / 0	259.74 / 0	258.00 / 0	256.74 / 0	258.11 / 0	259.65 / 0	264.61 / 0
RW11	303.11 / 0	301.71 / 0	305.09 / 0	303.03 / 0	295.73 / 0	297.02 / 0	288.37 / 0	286.20 / 0	283.17 / 0	283.04 / 0	284.31 / 0	286.95 / 0
RW12	263.13 / 0.001	264.01 / 0	265.53 / 0.001	260.65 / 0.001	261.27 / 0.05	257.94 / 0.001	257.80 / 0.22	256.71 / 0.25	255.85 / 0.33	261.19 / 0.001	262.62 / 0.001	263.27 / 0.001
RW13	259.72 / 0	260.84 / 0	263.42 / 0	259.27 / 0	258.84 / 0	256.24 / 0	255.21 / 0	254.13 / 0	253.25 / 0	252.30 / 0	256.48 / 0	257.13 / 0
RW14	256.97 / 0	261.05 / 0	265.03 / 0	261.49 / 0	258.29 / 0	255.94 / 0	268.33 / 0.18	266.71 / 0	265.10 / 0.48	250.27 / 0	251.38 / 0	253.15 / 0
RW15	272.03 / 0.3	273.99 / 0.32	269.52 / 0.29	274.17 / 0.36	266.68 / 0.32	263.38 / 0.46	256.53 / 0.49	254.58 / 0.5	258.90 / 0.28	256.33 / 0.31	261.22 / 0.36	264.43 / 0.32
RW16	260.72 / 3.6	262.08 / 3.46	261.58 / 6.08	259.93 / 6.19	259.62 / 5.28	257.99 / 5.31	256.21 / 5.51	254.73 / 5.86	254.27 / 3.26	252.84 / 2.13	256.55 / 2.33	258.62 / 2.59
RW17												
OLD WW	258.67 / 0	261.54 / 0	261.56 / 0	261.08 / 0	258.24 / 0	256.69 / 0	256.54 / 0	254.13 / 0	254.05 / 0.001	252.04 / 0.001	255.24 / 0	256.58 / 0
TH36	292.51 / 0	294.04 / 0	296.91 / 0	298.07 / 0	290.64 / 0	290.33 / 0	283.64 / 0	281.98 / 0	278.52 / 0	278.25 / 0	282.89 / 0	287.60 / 0
THBF	260.76 / 0.12	262.85 / 0.05	266.72 / 0.21	264.80 / 0.54	265.36 / 0.41	261.55 / 0.12	262.71 / 0.42	257.82 / 0.05	263.36 / 0.42	263.05 / 0.38	264.99 / 0.91	261.99 / 0.38
THby4	257.87 / 0.92	260.41 / 0.97	261.65 / 0.97	261.10 / 1.13	259.21 / 0.97	257.78 / 0.76	266.90 / 0.98	266.04 / 1.47	264.87 / 0.86	264.00 / 1.02	266.72 / 2.46	267.60 / 2.15
THWLS	257.67 / 0	260.20 / 0	263.26 / 0	263.41 / 0	259.71 / 0	259.36 / 0	268.32 / 0	266.68 / 0	265.88 / 0	265.08 / 0	267.90 / 0	269.68 / 0

NOTES:
Grayed boxes indicate that data was not available or not collected.
GWE / PT
- Groundwater Elevation in feet AMSL.
- Product Thickness in feet.

APPENDIX B
SUMMARY OF HISTORIC WATER ELEVATION AND PRODUCT GAUGING DATA
Ingersoll Rand Company
Phillipsburg, New Jersey

	January-96	February-96	March-96	April-96	May-96	June-96	July-96	August-96	September-96	October-96	November-96	December-96
MW1	253.78 / 0	265.68 / 0	264.70 / 0	263.99 / 0	269.87 / 0	267.70 / 0	267.02 / 0	267.78 / 0	273.73 / 0	261.64 / 0	263.48 / 0	274.97 / 0
MW2A	249.60 / 0	262.97 / 0	259.75 / 0	259.15 / 0	264.24 / 0	261.98 / 0	260.90 / 0	262.46 / 0	263.09 / 0	257.08 / 0	258.85 / 0	270.29 / 0
MW3	251.26 / 0	263.87 / 0	261.03 / 0	260.36 / 0	264.83 / 0	263.44 / 0	257.39 / 0	259.73 / 0	257.19 / 0	253.16 / 0	259.11 / 0	271.21 / 0
MW4	227.15 / 0	235.57 / 0	231.57 / 0	231.49 / 0	233.42 / 0	232.88 / 0	230.10 / 0	232.53 / 0	228.93 / 0	224.61 / 0	230.65 / 0	241.13 / 0
MW5	241.47 / 4.4	256.76 / 2.67	256.89 / 3.49	255.18 / 1.04	254.49 / 1.16	260.32 / 1.31	251.32 / 1.94	247.32 / 1.83	253.04 / 2.19	285.51 / 2.58	267.06 / 4.39	257.25 / 2.04
MW6	247.01 / 0	259.63 / 0	256.51 / 0	256.20 / 0	260.63 / 0	258.93 / 0	258.12 / 0	259.87 / 0	256.31 / 0	253.62 / 0	254.43 / 0	269.35 / 0
MW8	271.55 / 0.001	283.23 / 0.05	279.35 / 0.04	274.79 / 0.001	279.80 / 0.001	275.13 / 0.04	275.69 / 0.05	277.49 / 0.03	273.89 / 0.001	271.15 / 0.03	274.36 / 0.04	288.92 / 0.02
MW9	254.28 / 0.19	266.36 / 0.14	270.68 / 0.29	267.94 / 0.15	273.67 / 0.19	270.04 / 0.18	268.29 / 0.19	274.84 / 0.15	263.76 / 0.17	261.40 / 0.18	266.71 / 0.15	289.18 / 0.13
MW10	273.47 / 0.04	285.81 / 0.02	279.43 / 0.03	272.92 / 0.1	276.49 / 0.02	273.84 / 0.02	273.40 / 0	276.60 / 0	272.63 / 0	269.07 / 0	269.22 / 0	283.52 / 0
MW11	271.83 / 0	287.53 / 0.01	283.01 / 0.001	284.43 / 0	286.10 / 0	283.96 / 0	280.31 / 0.001	282.77 / 0	277.98 / 0	276.22 / 0	276.53 / 0	298.77 / 0.001
MW12	265.61 / 0	279.01 / 0.03	273.18 / 0.05	266.55 / 0.001	270.90 / 0.001	268.52 / 0.03	268.05 / 0	269.75 / 0.001	267.27 / 0.02	264.59 / 0.03	266.07 / 0.08	280.69 / 0.05
MW13	256.40 / 0.001	269.55 / 0	269.33 / 0	268.49 / 0	273.81 / 0	271.42 / 0	270.53 / 0	272.45 / 0	267.41 / 0	264.77 / 0	269.62 / 0	283.44 / 0
MW14	245.18 / 0.94	258.15 / 0.7	254.20 / 0.57	253.16 / 1.29	261.10 / 0.93	258.82 / 0.48	256.37 / 0.76	258.12 / 0.49	254.21 / 0.35	252.78 / 0.49	253.82 / 0.36	276.33 / 0.16
MW15	253.86 / 0	265.67 / 0	264.29 / 0	263.45 / 0	269.10 / 0	270.57 / 0	267.04 / 0	267.78 / 0	264.75 / 0	261.80 / 0	263.15 / 0	274.99 / 0
MW16	265.07 / 0	285.02 / 0	275.20 / 0	276.57 / 0	274.02 / 0	275.78 / 0	276.47 / 0	277.37 / 0	273.00 / 0	272.10 / 0	272.98 / 0	289.62 / 0
MW17	254.90 / 0	266.63 / 0	265.37 / 0	264.75 / 0	270.45 / 0	268.21 / 0	267.73 / 0	268.43 / 0	265.23 / 0	262.20 / 0	264.13 / 0	275.51 / 0
MW18	255.33 / 0	267.51 / 0	266.22 / 0	265.50 / 0	270.60 / 0	267.21 / 0	265.33 / 0	269.03 / 0	265.66 / 0	265.14 / 0	264.90 / 0	276.92 / 0
MW19	238.36 / 0	257.04 / 0	251.64 / 0	250.96 / 0	256.63 / 0	254.21 / 0	253.54 / 0	253.81 / 0	249.75 / 0	248.02 / 0	249.44 / 0	267.87 / 0
MW20	255.19 / 0	266.38 / 0	265.14 / 0	264.57 / 0	270.17 / 0	267.47 / 0	262.29 / 0	267.16 / 0	259.52 / 0	255.50 / 0	263.85 / 0	274.35 / 0
MW21	253.74 / 0	270.63 / 0	271.25 / 0.001	270.57 / 0	276.63 / 0	274.05 / 0	271.19 / 0	267.77 / 0.001	262.52 / 0.001	259.77 / 0	266.68 / 0	282.53 / 0
MW24	256.68 / 0	264.44 / 0	260.21 / 0	296.05 / 0	272.78 / 0	271.31 / 0	266.30 / 0	268.42 / 0	262.94 / 0	261.24 / 0	261.41 / 0	273.72 / 0
MW25	239.75 / 0	269.70 / 0	252.90 / 0	251.72 / 0.001	260.91 / 0	250.12 / 0	254.57 / 0	278.10 / 0	244.60 / 0	245.70 / 0	251.27 / 0	288.85 / 0
MW26	238.50 / 0.01	258.74 / 0.09	251.56 / 0.01	220.43 / 0	257.05 / 0.01	249.04 / 0.02	248.01 / 0.01	258.64 / 0.01	246.41 / 0.01	244.53 / 0.01	249.46 / 0.02	269.65 / 0.1
MW27												
MW28A												
MW29												
MW30												
MW31												
MW32												
MW33A												
MW34												
MW35												
MW36												
MW37												
MW38												
MW39												
MW40												
MW41												
MW42												

NOTES:
Grayed boxes indicate that data was not available or not collected.
GWE / PT - Groundwater Elevation in feet AMSL. / - Product Thickness in feet.

APPENDIX B
SUMMARY OF HISTORIC WATER ELEVATION AND PRODUCT GAUGING DATA
Ingersoll Rand Company
Phillipsburg, New Jersey

	January-96	February-96	March-96	April-96	May-96	June-96	July-96	August-96	September-96	October-96	November-96	December-96
MW43A												
MW44												
MW45												
RW1	259.10 / 0.61	285.36 / 0.52	273.51 / 0.68	273.00 / 0.4	282.04 / 0.24	272.12 / 0.21	272.44 / 0.13	274.45 / 0	272.78 / 0.02	270.36 / 0.08	272.81 / 0.1	295.43 / 0.03
RW2	265.26 / 0.44	295.51 / 0.41	279.50 / 0.84	280.74 / 1.24	289.37 / 0.05	279.29 / 0.17	280.04 / 0.38	272.24 / 0.2	279.80 / 0.94	279.58 / 1.25	283.83 / 1.35	305.95 / 1.07
RW3	257.86 / 0.43	278.68 / 0.33	272.69 / 0.51	262.14 / 2.04	279.34 / 1.62	273.10 / 0.02	272.76 / 1.78	275.25 / 0.17	271.66 / 0.27	267.89 / 0.52	267.71 / 0.52	287.46 / 0.001
RW4	263.11 / 0.001	268.14 / 0.03	266.80 / 0	264.55 / 0	271.27 / 1.12	270.82 / 0.01	268.15 / 0.02	269.98 / 0.001	266.84 / 0	262.50 / 0	265.08 / 0	276.98 / 0.001
RW5	261.55 / 1.04	285.28 / 1.07	274.15 / 0.36	273.71 / 0.08	280.57 / 0.59	277.58 / 0.35	274.27 / 0.2	277.36 / 0.17	269.85 / 0.11	268.07 / 1.17	267.95 / 1.17	293.64 / 0.16
RW6	262.55 / 0.48	284.80 / 0.63	275.10 / 0.88	274.47 / 0.74	280.15 / 0.68	277.67 / 0.16	275.39 / 0.75	278.11 / 0.4	275.93 / 0.43	274.47 / 0.9	274.42 / 0.9	300.36 / 0.63
RW7	268.63 / 0.08	300.05 / 0.01	283.70 / 0	285.27 / 0	293.73 / 0	284.78 / 0.05	287.19 / 0.001	295.79 / 0.001	283.45 / 0	279.16 / 0	289.04 / 0	315.18 / 0.001
RW8	270.25 / 0.38	296.74 / 0.01	285.42 / 0.09	284.09 / 0	293.72 / 0	291.80 / 0.03	285.63 / 0	295.64 / 1.19	287.66 / 0.35	289.63 / 0.15	290.25 / 0	316.24 / 0.05
RW8A	269.89 / 2.43	299.22 / 4.04	285.51 / 0	284.13 / 0	293.42 / 0	291.38 / 0.12	285.49 / 0	295.12 / 0	287.20 / 0	288.75 / 0	289.41 / 0.03	315.94 / 0
RW9	282.89 / 1.33	298.25 / 1.08	298.62 / 0.8	300.98 / 0.88	305.45 / 0.62	303.25 / 0.69	297.52 / 0.8	301.85 / 0.64	295.35 / 0.88	293.09 / 1.16	306.39 / 0.98	316.67 / 0.79
RW10	264.01 / 0	286.34 / 0	278.36 / 0	277.98 / 0	279.98 / 0	277.62 / 0	276.71 / 0	278.85 / 0	275.80 / 0	276.45 / 0	277.94 / 0	298.19 / 0
RW11	284.13 / 0	301.50 / 0	296.81 / 0	313.33 / 0	317.47 / 0	302.14 / 0	316.23 / 0	320.30 / 0	297.11 / 0	292.46 / 0	297.30 / 0	307.95 / 0
RW12	257.37 / 0.17	271.99 / 0.08	268.36 / 0.07	268.07 / 0.16	271.97 / 0.04	267.92 / 0.13	269.60 / 0.19	271.66 / 0.16	269.01 / 0.21	274.63 / 0.21	266.84 / 0.27	281.96 / 0.2
RW13	255.13 / 0	269.18 / 0	265.53 / 0	265.31 / 0	270.71 / 0	267.17 / 0	268.52 / 0	270.04 / 0	265.51 / 0	263.17 / 0	264.55 / 0	280.15 / 0
RW14	252.40 / 0	265.78 / 0	264.77 / 0	263.66 / 0	269.64 / 0	266.18 / 0	267.74 / 0	270.00 / 0	268.22 / 0	265.36 / 0	265.85 / 0	273.41 / 0
RW15	263.06 / 0.34	288.85 / 0.35	276.73 / 0.25	276.29 / 0.21	282.99 / 0.18	280.53 / 0.27	276.32 / 0.26	279.25 / 0.25	275.95 / 0.37	270.91 / 0.23	275.45 / 0.23	291.45 / 0.2
RW16	256.21 / 2.65	271.11 / 2.17	266.92 / 4.91	266.29 / 4.99	272.37 / 4.87	270.40 / 5.34	268.07 / 4.52	271.80 / 4.34	267.11 / 5.1	264.03 / 5.48	264.92 / 5.88	280.65 / 4.41
RW17												
OLD WW	253.64 / 0	275.59 / 0	265.90 / 0.001	264.07 / 0	272.06 / 0	260.42 / 0	268.37 / 0.001	271.53 / 0	267.41 / 0	263.87 / 0	263.99 / 0.001	277.69 / 0
TH36	286.98 / 0	301.03 / 0	296.20 / 0	293.41 / 0	301.49 / 0	297.21 / 0	298.57 / 0	300.81 / 0	290.22 / 0	292.37 / 0	292.76 / 0	309.77 / 0
THBF	258.98 / 0.4	279.82 / 0.29	273.82 / 0.41	271.72 / 0.43	278.76 / 0.42	279.25 / 0.4	273.20 / 0.26	275.52 / 0.48	273.61 / 0.59	270.01 / 0.41	269.81 / 0.41	290.94 / 0.42
THby4	266.34 / 0.79	279.01 / 0.67	278.50 / 0.66	276.12 / 0.83	282.89 / 0.73	282.24 / 0.47	279.61 / 0.83	281.54 / 0.81	278.49 / 0.52	283.98 / 0.48	276.34 / 0.77	287.76 / 0.29
THWLS	273.37 / 0	282.38 / 0	279.36 / 0	277.15 / 0	284.70 / 0	281.71 / 0	281.44 / 0	283.71 / 0	279.99 / 0	276.36 / 0	278.01 / 0	290.87 / 0

NOTES:
Grayed boxes indicate that data was not available or not collected.
GWE / PT
- Groundwater Elevation in feet AMSL.
- Product Thickness in feet.

APPENDIX B
SUMMARY OF HISTORIC WATER ELEVATION AND PRODUCT GAUGING DATA
Ingersoll Rand Company
Phillipsburg, New Jersey

	January-97	February-97	March-97	April-97	May-97	June-97	July-97	August-97	September-97	October-97	November-97	December-97
MW1	274.89 / 0	272.04 / 0	268.86 / 0	268.10 / 0	266.49 / 0	264.37 / 0	261.61 / 0	261.13 / 0	259.05 / 0	257.53 / 0	254.82 / 0	254.06 / 0
MW2A	270.81 / 0	266.20 / 0	262.37 / 0	262.05 / 0	257.22 / 0	258.45 / 0	256.57 / 0	256.43 / 0	254.47 / 0	253.20 / 0	250.48 / 0	249.81 / 0
MW3	269.44 / 0	266.50 / 0	264.73 / 0	263.22 / 0	261.91 / 0	260.07 / 0	257.74 / 0	257.34 / 0	255.44 / 0	254.19 / 0	251.82 / 0	251.05 / 0
MW4	235.42 / 0	233.22 / 0	230.70 / 0	231.62 / 0	229.76 / 0	229.91 / 0	229.00 / 0	228.78 / 0	227.91 / 0	226.79 / 0	226.85 / 0	226.52 / 0
MW5	254.63 / 2.58	253.10 / 2.69	249.44 / 2.31	248.35 / 1.99	244.25 / 4.12	242.59 / 4.2	240.57 / 4	239.96 / 4.21	245.63 / 3.76	247.46 / 2.4	251.34 / 3.88	255.45 / 0.4
MW6	265.78 / 0	262.73 / 0	258.51 / 0	258.98 / 0	257.52 / 0	255.65 / 0	253.37 / 0	253.13 / 0	251.11 / 0	249.89 / 0	247.69 / 0	247.12 / 0
MW8	288.50 / 0.001	281.66 / 0	276.98 / 0	277.36 / 0.001	275.49 / 0.001	271.38 / 0	268.50 / 0	267.31 / 0.001	265.41 / 0	263.16 / 0.01	261.32 / 0.001	260.76 / 0.001
MW9	280.17 / 0.09	276.44 / 0.19	276.55 / 0.06	273.89 / 0.07	268.92 / 0.11	267.59 / 0.03	264.64 / 0.06	262.91 / 0.12	260.98 / 0.14	257.61 / 0.04	255.74 / 0.04	254.53 / 0.09
MW10	283.56 / 0.001	283.39 / 0	294.65 / 0	285.09 / 0	282.57 / 0.001	283.10 / 0	279.80 / 0	276.25 / 0	273.05 / 0	271.16 / 0	280.53 / 0	279.82 / 0.001
MW11	290.60 / 0.01	286.36 / 0.001	283.09 / 0.001	282.87 / 0.001	281.27 / 0.001	278.47 / 0	274.34 / 0	275.27 / 0	274.63 / 0	273.45 / 0	269.61 / 0	268.82 / 0
MW12	277.79 / 0.03	274.94 / 0.001	270.33 / 0.001	270.95 / 0.001	267.62 / 0.001	264.94 / 0	262.57 / 0	260.08 / 0.03	258.47 / 0.05	257.11 / 0.06	254.67 / 0.05	253.97 / 0.07
MW13	282.28 / 0	278.08 / 0	273.51 / 0	272.94 / 0	270.47 / 0	268.16 / 0	264.58 / 0	263.85 / 0	259.78 / 0	257.99 / 0	256.72 / 0	255.76 / 0
MW14												
MW15	274.61 / 0	284.07 / 0.21	268.69 / 0	267.74 / 0	266.24 / 0	264.11 / 0	261.54 / 0	261.22 / 0	258.59 / 0	257.72 / 0	254.91 / 0	254.40 / 0
MW16	279.35 / 0	279.88 / 0	276.02 / 0	276.50 / 0	275.31 / 0	273.81 / 0	271.05 / 0	271.15 / 0	269.02 / 0	267.79 / 0	266.05 / 0	265.20 / 0
MW17	274.88 / 0	272.32 / 0	269.33 / 0	268.68 / 0	266.98 / 0	264.93 / 0	262.37 / 0	261.93 / 0	259.89 / 0	258.48 / 0	255.96 / 0	245.18 / 0
MW18	276.38 / 0	273.48 / 0	270.25 / 0	269.55 / 0	267.84 / 0	264.33 / 0	262.99 / 0	261.19 / 0	258.93 / 0	256.92 / 0	256.29 / 0	255.47 / 0
MW19	262.09 / 0	258.12 / 0	253.98 / 0	253.75 / 0	252.24 / 0	248.05 / 0	245.54 / 0	244.12 / 0	241.89 / 0	239.70 / 0	237.81 / 0	237.08 / 0
MW20	273.00 / 0	270.48 / 0	268.11 / 0	267.60 / 0	266.17 / 0	263.31 / 0	262.09 / 0	260.75 / 0	258.22 / 0	256.59 / 0	255.92 / 0	255.13 / 0
MW21	280.89 / 0	275.90 / 0	273.12 / 0	274.53 / 0	271.64 / 0	268.50 / 0	263.59 / 0	261.50 / 0	259.73 / 0	258.56 / 0	261.24 / 0	259.64 / 0
MW24	269.03 / 0	268.49 / 0	267.53 / 0	266.41 / 0	264.83 / 0	263.09 / 0	261.80 / 0	259.93 / 0	257.70 / 0	256.39 / 0	253.82 / 0	253.25 / 0
MW25	261.48 / 0	257.26 / 0	249.20 / 0	251.06 / 0	247.93 / 0	246.21 / 0	249.62 / 0	246.90 / 0	240.24 / 0	238.52 / 0	236.58 / 0	236.03 / 0
MW26	258.26 / 0.02	256.46 / 0.01	247.58 / 0.02	251.92 / 0	249.57 / 0.001	249.28 / 0.1	248.09 / 0.1	246.50 / 0.08	242.33 / 0.09	240.28 / 0.02	240.17 / 0	238.67 / 0.01
MW27												
MW28A												
MW29												
MW30												
MW31												
MW32												
MW33A												
MW34												
MW35												
MW36												
MW37												
MW38												
MW39												
MW40												
MW41												
MW42												

NOTES:
Grayed boxes indicate that data was not available or not collected.
GWE / PT
- Groundwater Elevation in feet AMSL.
- Product Thickness in feet.

APPENDIX B
SUMMARY OF HISTORIC WATER ELEVATION AND PRODUCT GAUGING DATA
Ingersoll Rand Company
Phillipsburg, New Jersey

	January-97	February-97	March-97	April-97	May-97	June-97	July-97	August-97	September-97	October-97	November-97	December-97
MW43A												
MW44												
MW45												
RW1	283.73 / 0.15	280.75 / 0.24	284.13 / 0.28	280.79 / 0.2	275.24 / 0.29	272.15 / 0.28	262.43 / 0.15	260.94 / 0.33	258.21 / 0.27	265.27 / 0.1	261.91 / 0.09	260.37 / 0.16
RW2	294.86 / 0.9	291.44 / 1.7	293.62 / 1.02	292.24 / 1.26	287.09 / 1.37	283.89 / 0.88	279.80 / 0	277.37 / 1.03	275.41 / 0.84	271.86 / 0.91	269.56 / 0.11	268.66 / 0.19
RW3	283.95 / 0.29	277.86 / 1.32	281.86 / 2.26	279.54 / 2.08	272.86 / 0.37	269.66 / 0.86	266.70 / 1.15	265.63 / 0.75	263.36 / 0.86	260.46 / 0.04	257.20 / 0	255.98 / 0
RW4	278.01 / 0.05	274.28 / 0.42	269.37 / 0.64	269.94 / 0.02	267.97 / 0	267.16 / 0.06	263.17 / 0	262.10 / 0	260.43 / 0	259.34 / 0	256.30 / 0	255.46 / 0
RW5	289.19 / 0.02	283.82 / 0.2	284.24 / 0.02	281.43 / 0.09	275.84 / 0.16	272.43 / 0.22	271.02 / 0.35	268.79 / 0.46	266.11 / 0.28	263.61 / 0.57	262.59 / 0.23	261.49 / 0.37
RW6	285.73 / 0.41	269.23 / 0	284.73 / 0.02	283.41 / 0.12	277.36 / 0.07	276.62 / 0.34	274.26 / 0.36	271.32 / 0.56	268.70 / 0.39	265.08 / 0.4	264.16 / 0.38	263.33 / 0.18
RW7	303.47 / 0.08	300.70 / 0.12	298.40 / 0.08	298.21 / 0	290.89 / 0	289.24 / 0	286.88 / 0	283.59 / 0	279.97 / 0	281.89 / 0	276.12 / 0	275.72 / 0
RW8	301.70 / 0.15	306.24 / 0.01	303.09 / 0.03	301.60 / 0	294.87 / 0	292.89 / 0	295.14 / 0	289.56 / 0	286.38 / 0	282.41 / 0	288.84 / 0	288.45 / 0.02
RW8A	300.47 / 0.02	304.90 / 0	303.17 / 0	301.30 / 0	294.51 / 0	292.46 / 0	294.71 / 0	289.07 / 0	285.91 / 0	281.89 / 0	288.31 / 0.04	287.94 / 0.05
RW9	303.22 / 0.86	302.47 / 0.97	300.40 / 0.83	310.25 / 0.2	306.75 / 0.22	303.16 / 0.31	300.95 / 0.4	303.36 / 0.34	300.21 / 0.38	299.27 / 0.4	300.47 / 0.49	299.88 / 0.55
RW10	298.20 / 0	292.93 / 0	278.20 / 0	278.71 / 0	276.61 / 0	274.65 / 0	271.43 / 0	269.41 / 0	266.84 / 0	264.54 / 0	261.72 / 0	261.08 / 0
RW11	305.71 / 0	312.12 / 0	310.55 / 0	309.19 / 0	303.17 / 0	301.25 / 0	288.82 / 0	292.31 / 0	288.53 / 0	285.61 / 0	283.20 / 0	281.45 / 0
RW12	278.19 / 0.2	275.21 / 0.19	271.80 / 0.22	271.32 / 0.08	268.56 / 0.15	266.41 / 0.16	267.00 / 0.2	264.84 / 0.11	261.73 / 0.16	261.31 / 0.34	261.07 / 0.15	260.16 / 0.2
RW13	275.71 / 0	272.45 / 0	269.16 / 0	268.71 / 0	267.19 / 0	265.29 / 0	262.51 / 0	262.45 / 0	260.00 / 0	259.95 / 0	256.55 / 0	255.69 / 0
RW14	271.85 / 0	269.94 / 0	269.45 / 0	268.58 / 0	266.78 / 0	264.99 / 0	262.18 / 0	260.82 / 0	258.99 / 0	257.69 / 0	254.80 / 0	254.94 / 0
RW15	287.94 / 0.2	270.90 / 0	278.27 / 0.33	278.85 / 0.16	277.32 / 0.24	275.81 / 0.26	271.44 / 0.12	271.08 / 0.32	268.73 / 0.23	266.98 / 0.2	262.76 / 0.23	262.24 / 0.27
RW16	277.72 / 4.88	274.64 / 4.93	269.90 / 4.79	270.39 / 0.01	267.40 / 0.26	266.25 / 0.42	263.78 / 0.1	263.37 / 0.09	260.85 / 0.03	259.62 / 0.24	256.53 / 1.7	255.63 / 1.79
RW17												
OLD WW	277.57 / 0	274.82 / 0	271.68 / 0	270.83 / 0.001	265.07 / 0	266.07 / 0	264.19 / 0	262.75 / 0	258.97 / 0	259.94 / 0	256.88 / 0	255.82 / 0
TH36	298.66 / 0	297.08 / 0	295.36 / 0	294.83 / 0	289.78 / 0	287.26 / 0	277.37 / 0	284.42 / 0	272.42 / 0	271.27 / 0	267.37 / 0	266.05 / 0
THBF	284.33 / 0.27	279.14 / 0.44	283.31 / 0.38	281.26 / 0.72	274.47 / 0.32	273.23 / 0.36	268.11 / 0.6	266.89 / 0.73	264.70 / 0.54	261.76 / 0.31	261.04 / 0.6	263.60 / 0.65
THby4	288.51 / 0.66	285.43 / 0.77	280.65 / 0.68	280.93 / 0.77	279.08 / 1.21	278.17 / 1.35	274.79 / 0.72	274.66 / 0.84	271.84 / 0.82	270.93 / 0.8	267.14 / 0.91	266.33 / 0.79
THWLS	291.28 / 0	287.79 / 0	281.36 / 0	281.90 / 0	280.67 / 0	275.55 / 0	275.32 / 0	274.83 / 0	272.25 / 0	271.55 / 0	266.00 / 0	265.66 / 0

NOTES:
Grayed boxes indicate that data was not available or not collected.
GWE / PT
- Groundwater Elevation in feet AMSL.
- Product Thickness in feet.

APPENDIX B
SUMMARY OF HISTORIC WATER ELEVATION AND PRODUCT GAUGING DATA
Ingersoll Rand Company
Phillipsburg, New Jersey

	January-98	February-98	March-98	April-98	May-98	June-98	July-98	August-98	September-98	October-98	November-98	December-98
MW1	255.23 / 0	256.00 / 0	259.23 / 0	262.58 / 0	269.38 / 0	268.92 / 0	266.79 / 0	263.62 / 0	261.89 / 0	259.06 / 0	257.22 / 0	253.78 / 0
MW2A	250.99 / 0	252.72 / 0	259.19 / 0	261.60 / 0	265.57 / 0	265.28 / 0	261.09 / 0	258.41 / 0	257.01 / 0	254.53 / 0	252.95 / 0	249.81 / 0
MW3	255.98 / 0	252.93 / 0	256.66 / 0	259.69 / 0	267.42 / 0	264.90 / 0	262.59 / 0	259.73 / 0	255.94 / 0	255.49 / 0	253.86 / 0	250.74 / 0
MW4	220.29 / 0	228.16 / 0	230.08 / 0	230.94 / 0	236.29 / 0	231.11 / 0	229.94 / 0	229.42 / 0	228.92 / 0	227.86 / 0	227.32 / 0	226.39 / 0
MW5	274.87 / 0.15	258.01 / 0.24	252.16 / 0.36	249.23 / 0.58	250.72 / 0.35	243.03 / 2.54	241.92 / 1.8	239.50 / 1.13	247.97 / 0.66	249.32 / 0.56	245.69 / 0.87	252.78 / 0.58
MW6	247.82 / 0	249.39 / 0	252.72 / 0	255.36 / 0	263.13 / 0	260.39 / 0	258.01 / 0	255.08 / 0	253.48 / 0	251.03 / 0	249.66 / 0	246.77 / 0
MW8	262.33 / 0	263.15 / 0.001	267.34 / 0.001	277.34 / 0	282.30 / 0.001	281.11 / 0	278.42 / 0	275.61 / 0.001	265.80 / 0.01	263.22 / 0.01	260.90 / 0.02	257.67 / 0.03
MW9	255.93 / 0.001	264.48 / 0.02	267.10 / 0.08	269.56 / 0.02	273.32 / 0.04	276.37 / 0.02	259.71 / 0.06	270.08 / 0.02	265.64 / 0.03	262.60 / 0.02	260.38 / 0.03	253.43 / 0.1
MW10	285.13 / 0.001	286.09 / 0.001	288.60 / 0	295.13 / 0	296.15 / 0.001	299.15 / 0.001	294.89 / 0.001	291.88 / 0.001	290.96 / 0.001	285.76 / 0	283.03 / 0	260.92 / 0.02
MW11	271.64 / 0	273.66 / 0	277.81 / 0	280.53 / 0	295.33 / 0	283.82 / 0	278.63 / 0	275.97 / 0	272.95 / 0.001	268.48 / 0	265.23 / 0	261.00 / 0
MW12	255.41 / 0.02	256.33 / 0.01	260.63 / 0.02	264.46 / 0.001	273.04 / 0.001	271.87 / 0.23	269.20 / 0.21	264.98 / 0.24	264.55 / 0.26	261.01 / 0.21	259.25 / 0.21	256.23 / 0
MW13	263.30 / 0	262.36 / 0	264.43 / 0	266.11 / 0	271.92 / 0	274.66 / 0	270.96 / 0	266.59 / 0	264.40 / 0	260.35 / 0	259.17 / 0	253.86 / 0
MW14												
MW15	254.19 / 0	256.46 / 0	259.69 / 0	262.60 / 0	269.69 / 0	268.91 / 0	266.52 / 0	263.57 / 0	261.70 / 0	259.27 / 0	257.36 / 0	253.54 / 0
MW16	267.74 / 0	269.73 / 0	273.54 / 0	275.10 / 0	287.50 / 0	277.77 / 0	274.85 / 0	272.15 / 0	271.16 / 0	266.45 / 0	267.57 / 0	263.85 / 0
MW17	255.29 / 0	256.99 / 0	260.11 / 0	263.38 / 0	270.27 / 0	269.57 / 0	267.36 / 0	264.35 / 0	262.78 / 0	259.97 / 0	258.21 / 0	254.91 / 0
MW18	255.45 / 0	257.38 / 0	259.72 / 0	264.14 / 0	273.11 / 0	270.57 / 0	268.16 / 0	264.78 / 0	263.42 / 0	260.41 / 0	258.74 / 0	255.25 / 0
MW19	239.47 / 0	240.92 / 0	245.22 / 0	249.36 / 0	259.62 / 0	255.70 / 0	252.77 / 0	248.62 / 0	245.92 / 0	241.60 / 0	239.84 / 0	237.02 / 0
MW20	255.01 / 0	257.10 / 0	260.38 / 0	264.22 / 0	270.79 / 0	268.74 / 0	266.60 / 0	263.47 / 0	261.16 / 0	257.94 / 0	258.17 / 0	254.93 / 0
MW21	260.23 / 0	261.46 / 0	268.13 / 0	271.64 / 0	276.88 / 0	273.68 / 0	272.15 / 0	269.28 / 0	268.16 / 0	268.19 / 0	266.56 / 0	261.66 / 0
MW24	254.70 / 0	255.21 / 0	261.24 / 0	261.21 / 0	268.83 / 0	266.83 / 0	265.53 / 0	262.13 / 0	260.36 / 0	257.73 / 0	255.85 / 0	252.71 / 0
MW25	245.40 / 0	245.57 / 0	250.58 / 0	254.99 / 0	277.70 / 0	251.65 / 0	247.09 / 0	244.38 / 0	244.06 / 0	240.23 / 0	239.70 / 0	236.53 / 0
MW26	245.19 / 0.08	246.25 / 0	251.77 / 0.06	256.64 / 0.01	267.27 / 0.001	254.59 / 0.07	250.46 / 0.06	248.57 / 0.001	248.01 / 0.001	246.37 / 0.01	242.60 / 0.01	239.36 / 0.001
MW27												
MW28A												
MW29												
MW30												
MW31												
MW32												
MW33A												
MW34												
MW35												
MW36												
MW37												
MW38												
MW39												
MW40												
MW41												
MW42												

NOTES:
Grayed boxes indicate that data was not available or not collected.
GWE / PT - Groundwater Elevation in feet AMSL.
PT - Product Thickness in feet.

APPENDIX B
SUMMARY OF HISTORIC WATER ELEVATION AND PRODUCT GAUGING DATA
Ingersoll Rand Company
Phillipsburg, New Jersey

	January-98	February-98	March-98	April-98	May-98	June-98	July-98	August-98	September-98	October-98	November-98	December-98
MW43A												
MW44												
MW45												
RW1	260.70 / 0.03	261.74 / 0.07	267.11 / 0.02	273.60 / 0.28	279.15 / 0.05	281.76 / 0.61	278.83 / 0.35	275.22 / 0.19	270.34 / 0.11	268.68 / 0.13	265.60 / 0.04	262.49 / 0.09
RW2	280.07 / 1.02	276.87 / 1.24	286.42 / 1.36	289.24 / 0.98	294.29 / 0.29	289.68 / 0.84	286.22 / 1.13	283.23 / 1.36	277.96 / 0.62	276.63 / 0.96	276.09 / 0.3	258.62 / 0.42
RW3	256.30 / 0.14	258.04 / 0.03	266.29 / 1.39	272.70 / 0.09	279.51 / 0.04	281.21 / 0	277.07 / 0	275.86 / 0.04	270.01 / 0.06	263.03 / 0.01	259.81 / 0.23	255.02 / 0
RW4	256.64 / 0	257.90 / 0	259.72 / 0	266.75 / 0	271.56 / 0.17	270.59 / 6.04	268.28 / 0.01	265.62 / 0	262.62 / 0.03	259.36 / 0.001	258.26 / 0.001	254.78 / 0.01
RW5	263.59 / 0.33	264.89 / 0.57	274.67 / 1.25	281.86 / 0.14	288.15 / 0.15	283.22 / 0.05	279.14 / 0	276.41 / 0.54	272.94 / 0.22	267.17 / 0.1	265.01 / 0.13	258.47 / 0.1
RW6	265.15 / 0.04	266.54 / 0.27	271.37 / 0.14	277.33 / 0.05	283.33 / 0.04	284.70 / 4.93	280.20 / 2.73	277.84 / 0.73	274.11 / 0.63	268.49 / 0.14	266.24 / 0.08	261.42 / 0.15
RW7	278.52 / 0	287.90 / 0	294.78 / 0	295.26 / 0.001	300.19 / 0	293.03 / 0	289.73 / 0	286.41 / 0	283.07 / 0	281.41 / 0	279.95 / 0	268.25 / 0.15
RW8	294.59 / 0	295.66 / 0	297.56 / 0	298.63 / 0	311.67 / 0	296.18 / 0	294.20 / 0	295.26 / 0	289.19 / 0.01	289.97 / 0	286.58 / 0	257.74 / 0.43
RW8A	293.94 / 0	294.85 / 0	296.73 / 0	297.81 / 0	310.30 / 0	295.16 / 0	293.28 / 0	294.02 / 0	288.25 / 0	288.72 / 0	285.76 / 0	257.25 / 0.25
RW9	301.41 / 0.32	302.28 / 0.08	307.14 / 0.47	307.77 / 0.51	312.85 / 0.2	307.11 / 0.52	305.26 / 0.52	301.98 / 0.17	298.86 / 0.35	300.69 / 0.42	299.21 / 0.56	285.03 / 0.75
RW10	263.39 / 0	267.12 / 0	273.51 / 0	277.12 / 0	286.42 / 0	278.63 / 0	275.20 / 0	272.16 / 0	269.45 / 0	265.76 / 0	262.73 / 0	260.44 / 0
RW11	284.59 / 0	289.62 / 0	296.63 / 0	304.09 / 0	312.62 / 0	302.60 / 0	300.04 / 0	296.31 / 0	294.05 / 0	292.28 / 0	289.24 / 0	276.00 / 0
RW12	260.77 / 0.14	263.29 / 0.11	263.68 / 0.12	266.03 / 0.08	276.12 / 0.05	272.18 / 0.11	268.92 / 0.1	265.93 / 0.13	267.61 / 0.13	264.75 / 0.16	263.15 / 0.13	259.28 / 0.16
RW13	256.71 / 0	258.90 / 0	262.34 / 0	264.82 / 0	274.73 / 0	269.95 / 0	267.41 / 0	264.45 / 0	262.99 / 0	260.17 / 0	258.66 / 0	254.74 / 0
RW14	255.15 / 0	256.88 / 0	260.11 / 0	262.97 / 0	270.11 / 0	269.55 / 0	266.89 / 0	264.16 / 0	262.08 / 0	258.68 / 0	257.92 / 0	253.86 / 0
RW15	264.93 / 0.18	265.77 / 0.2	274.58 / 0.2	278.54 / 0.31	283.58 / 0.21	282.54 / 0.13	280.17 / 0.18	277.45 / 0.24	273.11 / 0.28	266.91 / 0.02	265.03 / 0.04	261.41 / 0.07
RW16	256.78 / 2.08	258.67 / 2.61	261.22 / 3.64	264.95 / 3.37	273.74 / 1.85	271.32 / 1.24	269.00 / 1.31	266.45 / 0.57	263.40 / 0.45	260.34 / 1.04	258.04 / 0.36	252.90 / 0.68
RW17												
OLD WW	256.31 / 0	259.90 / 0	265.41 / 0	270.43 / 0	277.49 / 0	272.05 / 0	267.62 / 0	264.12 / 0	263.05 / 0	260.60 / 0	259.02 / 0	254.20 / 0
TH36	271.67 / 0	280.77 / 0	291.87 / 0	287.83 / 0	303.24 / 0	293.66 / 0	292.40 / 0	289.97 / 0	290.89 / 0	281.82 / 0	278.59 / 0	270.61 / 0
THBF	263.55 / 0.01	265.34 / 0.17	272.83 / 0.84	257.75 / 0.1	275.66 / 0.25	281.88 / 0.45	276.97 / 0.47	274.26 / 0.29	269.88 / 0.69	263.08 / 0.22	265.56 / 0.48	257.24 / 0.64
THby4	267.09 / 1.17	268.51 / 0.98	270.74 / 0.86	277.47 / 0.56	283.25 / 0.62	282.40 / 0.41	279.93 / 0.3	277.17 / 0.28	273.60 / 0.37	271.29 / 0.27	269.81 / 0.31	265.40 / 0.44
THWLS	267.58 / 0	269.32 / 0	271.49 / 0	279.57 / 0	286.10 / 0	284.92 / 0	281.31 / 0	277.58 / 0	274.84 / 0	273.16 / 0	270.91 / 0	266.74 / 0

NOTES:
Grayed boxes indicate that data was not available or not collected.
GWE - Groundwater Elevation in feet AMSL.
PT - Product Thickness in feet.

APPENDIX B
SUMMARY OF HISTORIC WATER ELEVATION AND PRODUCT GAUGING DATA
Ingersoll Rand Company
Phillipsburg, New Jersey

	January-99	February-99	March-99	April-99	May-99	June-99	July-99	August-99	September-99	October-99	November-99	December-99
MW1	252.98 / 0	256.22 / 0	255.13 / 0	257.19 / 0	256.69 / 0	255.77 / 0	252.20 / 0	250.79 / 0	250.61 / 0	259.37 / 0	252.64 / 0	252.50 / 0
MW2A	249.29 / 0	252.27 / 0	250.90 / 0	253.85 / 0	252.75 / 0	251.72 / 0	248.74 / 0	247.58 / 0	247.31 / 0	251.71 / 0	249.12 / 0	248.87 / 0
MW3	250.25 / 0	253.30 / 0	252.27 / 0	254.60 / 0	254.00 / 0	253.10 / 0	249.57 / 0	248.31 / 0	248.20 / 0	253.36 / 0	250.38 / 0	250.22 / 0
MW4	225.81 / 0	227.82 / 0	227.61 / 0	228.75 / 0	228.32 / 0	227.68 / 0	225.97 / 0	225.53 / 0	225.84 / 0	228.15 / 0	224.83 / 0	226.88 / 0
MW5	248.70 / 0.76	246.17 / 0.49	241.44 / 0.91	238.65 / 2.31	240.28 / 1.46	246.67 / 0.26	244.72 / 0.36	247.32 / 0.69	247.74 / 0	247.80 / 0.26	253.94 / 0.24	251.68 / 0.36
MW6	246.33 / 0	249.42 / 0	248.41 / 0	250.69 / 0	249.97 / 0	244.03 / 0	245.84 / 0	244.52 / 0	244.40 / 0	249.02 / 0	244.56 / 0	246.13 / 0
MW8	257.87 / 0.02	271.71 / 0.001	270.31 / 0.001	272.24 / 0.001	271.93 / 0	271.07 / 0.01	265.22 / 0.02	264.87 / 0.01	266.16 / 0.001	271.10 / 0.001	267.59 / 0.001	266.44 / 0.001
MW9	254.22 / 0.12	258.05 / 0.02	256.94 / 0.01	261.27 / 0.03	259.77 / 0.13	258.71 / 0.02	254.90 / 0.02	253.91 / 0.04	253.62 / 0.01	261.08 / 0.12	253.88 / 0.02	256.81 / 0.01
MW10	260.66 / 0.01	267.26 / 0.001	265.69 / 0.001	265.01 / 0.001	267.58 / 0.001	266.62 / 0.04	260.11 / 0.03	256.70 / 0	258.87 / 0.001	266.50 / 0.001	269.01 / 0.01	270.74 / 0.001
MW11	261.64 / 0.001	265.19 / 0	272.87 / 0	274.63 / 0.001	273.93 / 0.001	274.16 / 0	268.92 / 0	268.64 / 0	276.58 / 0	285.35 / 0	283.78 / 0	282.11 / 0
MW12	256.67 / 0.43	257.82 / 0.001	257.00 / 0.001	259.07 / 0.001	258.55 / 0.001	257.91 / 0.001	253.57 / 0.001	253.08 / 0.02	252.01 / 0.05	255.90 / 0.08	253.43 / 0.09	253.11 / 0.09
MW13	254.19 / 0	258.05 / 0	255.67 / 0	257.33 / 0	256.98 / 0	256.15 / 0	251.96 / 0	250.57 / 0	250.69 / 0	254.31 / 0	254.97 / 0	254.98 / 0
MW14												
MW15	257.33 / 0	261.19 / 0	258.81 / 0	260.47 / 0	260.12 / 0	259.29 / 0	252.49 / 0	251.21 / 0	250.98 / 0	253.66 / 0	253.17 / 0	253.04 / 0
MW16	254.46 / 0	257.62 / 0	261.88 / 0	258.10 / 0	257.75 / 0	257.07 / 0	262.22 / 0	260.48 / 0	262.32 / 0	267.47 / 0	266.60 / 0	266.23 / 0
MW17	224.99 / 0	227.84 / 0	227.07 / 0	229.36 / 0	229.00 / 0	227.87 / 0	252.47 / 0	252.10 / 0	251.85 / 0	256.67 / 0	253.78 / 0	253.78 / 0
MW18	277.49 / 0	281.47 / 0	279.59 / 0	281.55 / 0	280.97 / 0	280.13 / 0	253.57 / 0	252.23 / 0	252.04 / 0	257.52 / 0	254.12 / 0	254.00 / 0
MW19	247.52 / 0	250.60 / 0	249.64 / 0	251.76 / 0	251.24 / 0	250.08 / 0	236.91 / 0	235.47 / 0	235.86 / 0	243.74 / 0	240.50 / 0	237.69 / 0
MW20	230.40 / 0	233.14 / 0	232.30 / 0	235.29 / 0	234.15 / 0	232.82 / 0	252.96 / 0	252.61 / 0	252.36 / 0	255.65 / 0	254.18 / 0	254.07 / 0
MW21	276.41 / 0.001	279.26 / 0	278.42 / 0.001	280.64 / 0	280.15 / 0	279.68 / 0	262.46 / 0	261.39 / 0.001	261.86 / 0	266.80 / 0	264.56 / 0	264.18 / 0.001
MW24	266.99 / 0	273.16 / 0	271.81 / 0	274.03 / 0	274.94 / 0	274.08 / 0	251.50 / 0	250.06 / 0	249.89 / 0	254.44 / 0	251.73 / 0	251.22 / 0
MW25	208.88 / 0	212.11 / 0	211.14 / 0	213.56 / 0	213.07 / 0	211.82 / 0	238.10 / 0	236.35 / 0	238.10 / 0	243.67 / 0	237.50 / 0	238.40 / 0
MW26	250.38 / 0.04	246.73 / 0.01	241.80 / 0.01	247.38 / 0.02	243.38 / 0.03	241.44 / 0.02	234.52 / 0.01	250.72 / 0.01	246.21 / 0.03	249.62 / 0.02	241.56 / 0.01	248.12 / 0.02
MW27	280.96 / 0	282.51 / 0	282.6 / 0	283.51 / 0	280.71 / 0	277.68 / 0	253.48 / 0	252.85 / 0	253.1 / 0	258.43 / 0	255.5 / 0	255.33 / 0
MW28A	247.71 / 0	251.13 / 0.001	249.62 / 0.001	251.48 / 0.001	250.87 / 0.19	250.00 / 0	271.85 / 0.86	268.45 / 0.74	271.44 / 0.52	278.68 / 0.47	273.77 / 0.47	272.52 / 0.43
MW29	255.03 / 0	250.22 / 0	244.88 / 0	250.75 / 0	237.13 / 0	243.97 / 0	239.57 / 0	238.78 / 0	239.67 / 0	247.2 / 0	240.53 / 0	240.16 / 0
MW30	231.13 / 0	232.37 / 0	232.63 / 0	233.19 / 0	232.87 / 0	231.33 / 0	229.92 / 0	228.83 / 0	230.19 / 0	232.11 / 0	230.43 / 0	230.94 / 0
MW31	259.01 / 0	262.87 / 0	261.74 / 0	263.67 / 0	263.35 / 0	262.27 / 0	258.17 / 0	256.73 / 0	259.82 / 0	266.23 / 0	258.45 / 0	258.3 / 0
MW32	256.37 / 0	259.48 / 0	264.79 / 0	259.77 / 0	259.69 / 0	258.98 / 0	255.01 / 0	254.05 / 0	253.85 / 0	258.06 / 0	255.99 / 0	256.85 / 0
MW33A		256.05 / 0	253.77 / 0	255.95 / 0	255.38 / 0	254.4 / 0	251.27 / 0	249.88 / 0	249.7 / 0	254.37 / 0	251.52 / 0	251.42 / 0
MW34		253.76 / 0	251.51 / 0	253.77 / 0	253.13 / 0	252.25 / 0	249.22 / 0	247.97 / 0	247.82 / 0	252.26 / 0	249.59 / 0	249.7 / 0
MW35			255.3 / 0	252.6 / 0	251.91 / 0	250.98 / 0	247.86 / 0	246.57 / 0	246.42 / 0	253.91 / 0	248.2 / 0	248.12 / 0
MW36			229 / 0	230.91 / 0	230.66 / 0	230.31 / 0	228.42 / 0	227.08 / 0	227.34 / 0	229.72 / 0	228.29 / 0	228.46 / 0
MW37			228.79 / 0	229.41 / 0	229.12 / 0	228.62 / 0	227.67 / 0	226.88 / 0	227.28 / 0	229.09 / 0	226.99 / 0	228.17 / 0
MW38			229.1 / 0	230.32 / 0	229.68 / 0	229.07 / 0	222.99 / 0	227.11 / 0	227.33 / 0	229.54 / 0	228.22 / 0	228.44 / 0
MW39		266.07 / 0	249.68 / 0	259.39 / 0	254.08 / 0	251.35 / 0	241.75 / 0	239.11 / 0	238.47 / 0	258.82 / 0	246.6 / 0	245.36 / 0
MW40												
MW41												
MW42												

APPENDIX B
SUMMARY OF HISTORIC WATER ELEVATION AND PRODUCT GAUGING DATA
Ingersoll Rand Company
Phillipsburg, New Jersey

	January-99	February-99	March-99	April-99	May-99	June-99	July-99	August-99	September-99	October-99	November-99	December-99
MW43A												
MW44												
MW45												
RW1	263.61 / 0.11	266.01 / 0.15	265.59 / 0.17	261.47 / 0.02	260.20 / 0.08	262.98 / 0	255.07 / 0.001	253.99 / 0.05	255.33 / 0.01	259.11 / 0.07	253.96 / 0.02	255.81 / 0.01
RW2	260.84 / 0.93	264.38 / 1.33	263.94 / 0.41	267.42 / 2.59	266.19 / 0.65	265.88 / 1.26	257.96 / 0.88	257.49 / 0.24	258.01 / 0.59	266.86 / 3.31	264.17 / 1.39	270.64 / 5.17
RW3	256.46 / 0.08	259.79 / 0.14	258.99 / 0.06	262.82 / 0.16	260.79 / 0	260.38 / 0	254.57 / 0.11	253.15 / 0.17	258.02 / 0.02	261.28 / 0.67	256.45 / 0.19	256.01 / 0.05
RW4	252.71 / 0.001	256.75 / 0.001	256.24 / 0.01	255.96 / 0.07	257.82 / 0	250.07 / 0.04	245.60 / 0.03	247.65 / 0.01	249.37 / 0.02	256.54 / 0.02	255.04 / 0	253.62 / 0
RW5	258.79 / 3.3	263.59 / 0.25	261.32 / 0.25	265.55 / 0.12	263.95 / 0.12	263.40 / 0.33	257.85 / 1.77	256.82 / 0.44	256.64 / 2.12	264.37 / 2.59	261.58 / 1.63	266.02 / 0.11
RW6	262.30 / 0.13	265.91 / 0.19	265.05 / 0.05	267.05 / 0.13	265.95 / 0.07	265.24 / 0.001	261.11 / 0.05	260.50 / 0.001	261.02 / 0.06	269.35 / 0.31	264.06 / 0.36	263.79 / 0.08
RW7	268.02 / 0.001	272.81 / 0.001	272.94 / 0.001	272.10 / 0.001	265.88 / 0.2	265.09 / 0.02	266.28 / 0.01	273.94 / 0.001	269.66 / 0	271.04 / 0.001	270.04 / 0.001	270.44 / 0.001
RW8	257.66 / 0.16	260.78 / 0.18	262.93 / 0.02	263.74 / 0.1	262.23 / 0.01	261.91 / 0.02	256.44 / 0.16	254.44 / 0.001	257.68 / 0.001	263.93 / 0.02	258.89 / 0.05	260.70 / 0.001
RW8A	257.08 / 0.38	260.23 / 0.34	262.42 / 0.13	263.45 / 0.04	261.89 / 0.26	261.61 / 0.04	255.28 / 0.24	253.50 / 0.12	256.74 / 0.15	263.49 / 0.34	258.37 / 0.07	260.69 / 0.04
RW9	283.55 / 0.37	305.88 / 0.49	304.00 / 0.41	301.36 / 0.45	304.73 / 0.83	304.18 / 0.29	295.44 / 0.42	289.74 / 0.78	288.82 / 0.96	296.44 / 0.33	289.22 / 0.49	287.47 / 0.61
RW10	260.25 / 0.001	264.57 / 0	263.21 / 0	259.37 / 0	268.08 / 0	264.88 / 0	260.23 / 0	258.13 / 0	257.44 / 0	260.55 / 0	259.62 / 0	259.50 / 0
RW11	274.36 / 0	293.13 / 0	291.40 / 0	287.18 / 0	291.23 / 0	288.24 / 0	283.56 / 0	282.40 / 0	281.31 / 0	288.20 / 0	283.62 / 0	282.40 / 0
RW12	259.47 / 0.19	263.14 / 0.1	262.27 / 0.12	263.21 / 0.09	263.03 / 0.11	262.54 / 0.16	258.25 / 0.18	256.85 / 0.23	257.62 / 0.18	263.11 / 0.23	259.07 / 0.17	258.82 / 0.18
RW13	254.98 / 0	258.77 / 0	257.87 / 0	259.63 / 0	259.02 / 0	258.05 / 0	253.57 / 0	252.21 / 0	253.07 / 0	259.01 / 0	254.75 / 0	254.61 / 0
RW14	254.03 / 0	256.31 / 0	257.65 / 0	252.67 / 0	251.72 / 0	251.44 / 0	256.25 / 0	253.65 / 0	253.80 / 0	253.27 / 0	252.60 / 0	256.93 / 0
RW15	262.23 / 0.09	264.56 / 0.11	263.26 / 0.06	262.93 / 0.14	264.43 / 0.16	263.68 / 0.27	259.57 / 0.32	259.10 / 0.38	258.49 / 0.42	262.50 / 0.57	258.44 / 0.23	259.07 / 0.23
RW16	253.32 / 0.38	257.53 / 2.377	259.57 / 0.45	258.18 / 3.31	260.26 / 0.76	259.19 / 0.39	253.18 / 1.74	251.83 / 0.41	251.32 / 0.51	256.82 / 0.22	250.93 / 0.64	251.23 / 0.22
RW17	247.73 / 0.39	251.53 / 0.54	250.38 / 0.19	254.18 / 0.02	253.15 / 0.04	252.09 / 0.24	248.24 / 0.001	247.49 / 0.07	245.78 / 0.28	256.44 / 0.13	251.74 / 0.75	253.26 / 0.32
OLD WW	255.14 / 0	256.53 / 0	256.95 / 0	259.03 / 0	260.81 / 0	257.42 / 0	253.91 / 0	253.19 / 0	251.19 / 0	258.08 / 0	253.72 / 0	257.02 / 0
TH36	271.03 / 0	293.75 / 0	293.09 / 0	291.93 / 0	291.12 / 0	286.81 / 0	262.15 / 0	271.93 / 0	290.98 / 0	293.97 / 0	295.84 / 0	292.74 / 0
THBF	258.59 / 0.26	261.74 / 0.4	260.87 / 0.1	265.86 / 0.46	264.89 / 0.51	267.21 / 0.5	261.55 / 0.62	259.97 / 0.26	264.13 / 0.52	266.97 / 0.5	262.95 / 0.3	262.51 / 0.59
THby4	263.21 / 0.53	268.02 / 0.17	267.47 / 0.29	267.09 / 0.3	269.33 / 0.07	262.68 / 0.22	258.26 / 0.2	259.45 / 0.07	261.06 / 0.13	267.72 / 0.27	266.91 / 0.54	265.35 / 0.17
THWLS	265.51 / 0	269.75 / 0	269.30 / 0	269.79 / 0	272.26 / 0	266.17 / 0	260.24 / 0	263.58 / 0	265.15 / 0	273.06 / 0	268.48 / 0	267.70 / 0

NOTES:
Grayed boxes indicate that data was not available or not collected.
GWE - Groundwater Elevation in feet AMSL.
PT - Product Thickness in feet.

APPENDIX B
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Ingersoll Rand Company
Phillipsburg, New Jersey

	January-00	February-00	March-00	April-00	May-00	June-00	July-00	August-00	September-00	October-00	November-00	December-00
MW1	252.08 / 0	252.14 / 0	256.11 / 0	258.48 / 0	258.45 / 0	263.31 / 0	261.55 / 0	259.12 / 0	256.87 / 0	254.38 / 0	252.77 / 0	255.22 / 0
MW2A	248.17 / 0	248.19 / 0	255.38 / 0	258.38 / 0	257.06 / 0	260.22 / 0	257.27 / 0	255.14 / 0	253.03 / 0	250.66 / 0	248.89 / 0	250.72 / 0
MW3	249.96 / 0	249.68 / 0	249.80 / 0	256.26 / 0	255.99 / 0	260.24 / 0	257.99 / 0	255.68 / 0	254.01 / 0	251.59 / 0	248.51 / 0	250.84 / 0
MW4	226.32 / 0	226.88 / 0	229.10 / 0	230.26 / 0	229.68 / 0	231.18 / 0	229.91 / 0	227.41 / 0	226.69 / 0	226.84 / 0	222.77 / 0	227.02 / 0
MW5	250.29 / 0.77	254.12 / 0.51	247.51 / 1.35	247.08 / 0.57	242.48 / 0.33	241.27 / 1.13	230.58 / 4.19	250.74 / 1.89	249.62 / 2.29	247.31 / 0.82	249.47 / 1.27	248.52 / 1.9
MW6	245.87 / 0	245.62 / 0	249.84 / 0	252.38 / 0	250.16 / 0	256.04 / 0	254.56 / 0	251.64 / 0	249.71 / 0	247.51 / 0	245.68 / 0	246.83 / 0
MW8	265.56 / 0.001	265.42 / 0.01	268.34 / 0.02	271.70 / 0.001	271.53 / 0	275.75 / 0	274.17 / 0.001	272.89 / 0	269.56 / 0	271.08 / 0.001	267.23 / 0.001	269.89 / 0.001
MW9	257.60 / 0.03	257.49 / 0.01	268.47 / 0.04	271.24 / 0.01	269.08 / 0.04	271.31 / 0.11	271.04 / 0.1	263.75 / 0.02	261.27 / 0.03	257.20 / 0.02	255.14 / 0.07	258.08 / 0.05
MW10	274.02 / 0	272.71 / 0.001	277.40 / 0	280.93 / 0.001	279.70 / 0.001	268.58 / 0.001	272.40 / 0.001	270.87 / 0	267.94 / 0.001	263.55 / 0	255.48 / 0.02	259.09 / 0
MW11	281.23 / 0.001	281.11 / 0	283.78 / 0	285.76 / 0	282.47 / 0	289.85 / 0	274.86 / 0	271.66 / 0	270.26 / 0	267.16 / 0	264.17 / 0	265.33 / 0
MW12	252.47 / 0.11	252.35 / 0.11	256.55 / 0	260.13 / 0	259.56 / 0.001	265.06 / 0.04	262.83 / 0.05	260.94 / 0.22	258.49 / 0.18	256.16 / 0.02	253.83 / 0.05	257.66 / 0.08
MW13	254.29 / 0	254.77 / 0	259.45 / 0	262.12 / 0	261.83 / 0	268.29 / 0	264.88 / 0	261.39 / 0	258.40 / 0	255.35 / 0	254.63 / 0	258.25 / 0
MW14												
MW15	252.09 / 0	252.33 / 0	256.60 / 0	259.05 / 0	258.81 / 0	263.60 / 0	262.27 / 0	259.40 / 0	257.08 / 0	254.70 / 0	253.13 / 0	257.39 / 0
MW16	265.52 / 0	263.93 / 0	270.56 / 0	272.78 / 0	270.20 / 0	275.73 / 0	272.93 / 0	269.50 / 0	267.60 / 0	265.07 / 0	263.33 / 0	265.39 / 0
MW17	252.83 / 0	253.68 / 0	257.27 / 0	259.53 / 0	259.49 / 0	262.02 / 0	257.99 / 0	254.18 / 0	257.96 / 0	255.58 / 0	252.89 / 0	254.47 / 0
MW18	253.04 / 0	253.89 / 0	257.65 / 0	260.08 / 0	259.12 / 0	263.34 / 0	261.58 / 0	259.04 / 0	257.59 / 0	255.83 / 0	253.47 / 0	254.64 / 0
MW19	237.16 / 0	238.20 / 0	242.78 / 0	245.49 / 0	246.50 / 0	250.00 / 0	248.34 / 0	245.20 / 0	241.71 / 0	239.70 / 0	236.94 / 0	240.35 / 0
MW20	251.23 / 0	254.05 / 0	257.67 / 0	259.98 / 0	259.30 / 0	262.74 / 0	260.94 / 0	259.21 / 0	256.04 / 0	255.90 / 0	252.19 / 0	254.78 / 0
MW21	264.78 / 0	265.99 / 0	268.40 / 0	270.94 / 0	269.78 / 0	273.26 / 0	270.86 / 0	269.76 / 0	267.49 / 0	266.22 / 0	263.61 / 0	264.43 / 0.001
MW24	250.80 / 0	250.93 / 0	255.55 / 0	258.14 / 0	257.67 / 0	261.35 / 0	260.07 / 0	259.08 / 0	255.87 / 0	253.37 / 0	250.31 / 0	253.62 / 0
MW25	238.63 / 0	237.99 / 0	248.32 / 0	254.23 / 0.001	251.98 / 0.001	259.52 / 0	244.48 / 0	241.76 / 0	239.52 / 0	237.52 / 0	234.58 / 0.001	244.37 / 0.001
MW26	248.64 / 0.02	247.65 / 0.01	250.25 / 0.001	254.46 / 0.03	253.52 / 0.01	256.78 / 0.01	249.19 / 0.001	243.30 / 0.001	241.78 / 0	238.99 / 0.001	237.06 / 0.001	241.96 / 0.001
MW27	254.98 / 0	255.1 / 0	258.93 / 0	261.24 / 0	261.03 / 0	265.9 / 0	263.8 / 0	261.71 / 0	259.31 / 0	256.78 / 0	254.89 / 0	258.09 / 0
MW28A	274.22 / 0.001	273.51 / 0.02	290.34 / 0.8	291.32 / 0.17	288.40 / 0.13	296.88 / 2.48	287.68 / 0	285.22 / 0.001	280.76 / 0.001	269.35 / 0.001	265.91 / 0.001	271.14 / 0.001
MW29	241.62 / 0	242.08 / 0	251.55 / 0	257.14 / 0	250.09 / 0	260.14 / 0	249.96 / 0	245.86 / 0	243.33 / 0	240.96 / 0	238.83 / 0	249.09 / 0
MW30	229.62 / 0	231.07 / 0	233.96 / 0	234.97 / 0	237.83 / 0	235.42 / 0	233.41 / 0	231.81 / 0	231.23 / 0	230.35 / 0	221.81 / 0	230.49 / 0
MW31	257.81 / 0	257.55 / 0	262.16 / 0	264.93 / 0	265.25 / 0	268.59 / 0	267.69 / 0	265.28 / 0	263.12 / 0	260.47 / 0	257.24 / 0	260.01 / 0
MW32	256.3 / 0	254.99 / 0	259.4 / 0	261.81 / 0	261.64 / 0	271.2 / 0	264.42 / 0	262.72 / 0	259.98 / 0	257.59 / 0	253.09 / 0	255.42 / 0
MW33A	250.59 / 0	250.62 / 0	254.86 / 0	257.28 / 0	258.08 / 0	261.35 / 0	259.44 / 0	257.6 / 0	255.52 / 0	253.08 / 0	248.83 / 0	252.11 / 0
MW34	248.74 / 0	248.93 / 0	252.89 / 0	255.21 / 0	254.77 / 0	258.8 / 0	256.61 / 0	254.9 / 0	253.03 / 0	250.87 / 0	248.07 / 0	250.14 / 0
MW35	247.38 / 0	247.7 / 0	251.81 / 0	254.18 / 0	253.63 / 0	257.76 / 0	255.04 / 0	253.56 / 0	251.65 / 0	249.5 / 0	247.05 / 0	248.84 / 0
MW36	228.14 / 0	228.32 / 0	231.58 / 0	233.81 / 0	232.91 / 0	234.64 / 0	232.13 / 0	230.82 / 0	229.08 / 0	228.59 / 0	227.41 / 0	228.45 / 0
MW37	227.82 / 0	228.3 / 0	229.67 / 0	230.39 / 0	230.17 / 0	234.23 / 0	230.45 / 0	227.57 / 0	225.46 / 0	228.37 / 0	224.67 / 0	228.34 / 0
MW38	228.15 / 0	228.48 / 0	na / na	na / na	230.95 / 0	232.32 / 0	230.23 / 0	227.67 / 0	223.42 / 0	228.14 / 0	224.89 / 0	228.4 / 0
MW39	244.72 / 0	244.08 / 0	256.37 / 0	264.55 / 0	263.35 / 0	267.93 / 0	263.71 / 0	255.93 / 0	249.69 / 0	245.57 / 0	243.4 / 0	245.79 / 0
MW40		254.06 / 0	257.99 / 0	260.35 / 0	260.3 / 0	264.04 / 0	263.27 / 0	261.29 / 0	258.94 / 0	256.41 / 0	254.23 / 0	255.13 / 0
MW41		258.42 / 0	263.67 / 0	266.5 / 0	265.01 / 0	268.44 / 0	267.43 / 0	264.74 / 0	262.1 / 0	259.24 / 0	257.12 / 0	259.16 / 0
MW42		254.21 / 0	257.99 / 0	260.19 / 0	264.47 / 0	267.28 / 0	263.76 / 0	260.22 / 0	260.09 / 0	257.81 / 0	256.17 / 0	256.08 / 0

NOTES:
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Ingersoll Rand Company
Phillipsburg, New Jersey

	January-00	February-00	March-00	April-00	May-00	June-00	July-00	August-00	September-00	October-00	November-00	December-00
MW43A		253.74 / 0	257.61 / 0	259.93 / 0	256.1 / 0	259.82 / 0	263.05 / 0	261.68 / 0	258.78 / 0	256.27 / 0	254.24 / 0	254.95 / 0
MW44		252.76 / 0	256.6 / 0	258.83 / 0	258.93 / 0	263.57 / 0	261.56 / 0	259.95 / 0	257.75 / 0	255.37 / 0	253.2 / 0	253.09 / 0
MW45		253.87 / 0	257.19 / 0	259.15 / 0	259.21 / 0	261.66 / 0	262.34 / 0	260.49 / 0	259.68 / 0	257.78 / 0	253.95 / 0	256.1 / 0
RW1	256.98 / 0.02	257.03 / 0.01	261.24 / 0.01	265.15 / 0	263.43 / 0	269.49 / 0	269.30 / 0	265.41 / 0.01	263.00 / 0	258.85 / 0.02	256.31 / 0.02	259.06 / 0.06
RW2	267.57 / 2.88	268.29 / 1.5	274.03 / 1.15	277.35 / 0.9	275.56 / 0.41	277.62 / 3.23	271.06 / 0.28	266.76 / 1.13	264.20 / 1.42	261.94 / 1.58	257.09 / 1.76	259.63 / 1.89
RW3	255.78 / 0.08	263.05 / 0.03	266.25 / 0.18	268.18 / 0.001	266.53 / 0.02	275.45 / 0.01	276.56 / 0.04	274.08 / 0.03	271.67 / 0.01	266.83 / 0.11	262.61 / 0.17	264.77 / 0.18
RW4	252.67 / 0.001	252.56 / 0	258.68 / 0.02	262.00 / 0.02	260.38 / 0.01	262.62 / 0.09	262.05 / 0.01	260.67 / 0.05	259.72 / 0.02	256.21 / 0	252.67 / 0.06	256.86 / 0.01
RW5	265.02 / 0.33	264.46 / 0.07	269.04 / 0.03	271.39 / 0.07	270.57 / 0.04	274.90 / 1.68	272.73 / 0.05	268.74 / 0.03	266.23 / 0.05	260.70 / 1.14	260.14 / 0.59	265.81 / 0.28
RW6	262.83 / 0.04	263.21 / 0.02	267.16 / 0.1	269.84 / 0.03	268.96 / 0.08	274.90 / 5.63	271.31 / 0.37	267.27 / 0.01	264.83 / 0.001	262.64 / 0.001	261.14 / 0.001	264.30 / 0.02
RW7	275.19 / 0.01	277.81 / 0.001	274.99 / 0.02	281.71 / 0.001	280.50 / 0.001	274.60 / 0.001	271.79 / 0	267.70 / 0.02	269.13 / 0.05	274.88 / 0.01	272.96 / 0.04	272.04 / 0.001
RW8	277.73 / 0.01	274.40 / 0.06	282.43 / 0.05	287.67 / 0.02	283.99 / 0.01	268.96 / 0.63	274.82 / 0.58	273.16 / 0.16	270.89 / 0.19	265.29 / 0.4	256.89 / 0.11	262.08 / 0.07
RW8A	277.17 / 0.05	273.58 / 0	282.09 / 0.05	286.80 / 0.08	283.09 / 0.07	268.21 / 0.32	273.79 / 0.3	272.05 / 0.09	269.83 / 0.37	264.19 / 0.55	255.82 / 0.06	260.96 / 0.29
RW9	288.48 / 0.13	289.74 / 0.39	298.30 / 0.28	302.92 / 0.12	300.05 / 0.21	307.26 / 0.15	303.28 / 0.28	299.85 / 0.12	296.52 / 0.25	290.61 / 0.41	285.24 / 0.55	290.07 / 0.22
RW10	259.88 / 0	259.67 / 0	270.84 / 0	276.58 / 0	273.05 / 0	274.61 / 0.001	271.45 / 0	268.50 / 0	265.35 / 0	261.26 / 0	260.12 / 0	264.68 / 0.001
RW11	283.73 / 0	286.05 / 0	297.73 / 0	301.27 / 0	298.01 / 0	292.10 / 0	288.09 / 0	288.54 / 0	286.74 / 0	282.29 / 0	281.06 / 0	287.66 / 0
RW12	259.13 / 0.16	258.78 / 0.14	263.81 / 0.01	265.95 / 0.08	262.62 / 0.1	266.46 / 0.14	267.76 / 0.11	265.36 / 0.12	263.51 / 0.13	260.23 / 0.15	258.52 / 0.08	260.03 / 0.1
RW13	255.10 / 0	254.88 / 0	259.42 / 0	261.76 / 0	260.93 / 0	265.45 / 0	263.79 / 0	260.77 / 0	258.72 / 0	255.97 / 0	254.04 / 0	255.67 / 0
RW14	259.41 / 0	258.88 / 0	268.94 / 0	262.03 / 0	259.96 / 0	257.64 / 0	255.40 / 0	251.59 / 0	249.95 / 0	252.93 / 0	251.80 / 0	255.05 / 0
RW15	258.94 / 0.33	259.37 / 0.38	262.67 / 0.48	266.26 / 0.4	266.01 / 0.53	272.36 / 0.13	262.86 / 0	269.67 / 0.02	267.67 / 0.07	263.73 / 0.04	261.98 / 0.12	263.98 / 0.17
RW16	248.90 / 1.13	250.85 / 0.33	253.48 / 1.13	256.99 / 0.49	255.98 / 0.99	265.19 / 1.34	263.23 / 1.49	260.56 / 0.1	258.03 / 0.43	252.53 / 0.87	249.88 / 0.59	252.04 / 1.02
RW17	254.05 / 0.4	253.70 / 0.3	254.62 / 0.2	257.22 / 0.13	255.33 / 0	259.50 / 0.17	259.63 / 0.38	257.17 / 0.11	255.68 / 0.06	253.29 / 0.001	249.42 / 0.05	252.22 / 0.19
OLD WW	256.84 / 0	257.08 / 0	257.94 / 0	261.13 / 0	259.61 / 0	264.08 / 0	263.44 / 0	260.54 / 0	258.79 / 0	256.87 / 0	254.31 / 0	258.58 / 0
TH36	291.04 / 0	289.74 / 0	295.05 / 0	298.63 / 0	293.79 / 0	295.04 / 0	286.32 / 0	282.81 / 0	284.45 / 0	281.42 / 0	276.93 / 0	284.83 / 0
THBF	261.87 / 0.21	268.75 / 0.55	273.10 / 0.13	275.40 / 0.21	272.70 / 0.27	257.53 / 0.2	264.74 / 0.38	263.13 / 0.66	261.72 / 0.42	257.60 / 0.27	254.96 / 0.34	256.83 / 0.42
THby4	264.46 / 0.57	264.40 / 0.23	272.51 / 0.11	274.97 / 0.19	273.61 / 0.21	276.61 / 0.26	274.77 / 0.01	271.37 / 0.22	265.39 / 0.26	266.15 / 0.41	261.25 / 0.09	263.20 / 0.001
THWLS	266.73 / 0	271.40 / 0	274.88 / 0	273.01 / 0	276.13 / 0	275.66 / 0	274.59 / 0	272.86 / 0	268.69 / 0	264.59 / 0	267.85 / 0	267.26 / 0

NOTES:
Grayed boxes indicate that data was not available or not collected.
GWE / PT
- Groundwater Elevation in feet AMSL.
- Product Thickness in feet.

APPENDIX B
SUMMARY OF HISTORIC WATER ELEVATION AND PRODUCT GAUGING DATA
Ingersoll Rand Company
Phillipsburg, New Jersey

	January-01	February-01	March-01	April-01	May-01	June-01	July-01	August-01	September-01	October-01	November-01	December-01
MW1	254.12 / 0	253.64 / 0	256.21 / 0	254.43 / 0	263.17 / 0	262.00 / 0	261.85 / 0	261.16 / 0	261.66 / 0	262.20 / 0	261.02 / 0	249.85 / 0
MW2A	249.05 / 0	248.33 / 0	252.59 / 0	252.17 / 0	255.37 / 0	254.77 / 0	254.60 / 0	251.62 / 0	252.49 / 0	252.25 / 0	251.94 / 0	247.51 / 0
MW3	249.43 / 0	247.02 / 0	252.13 / 0	250.44 / 0	255.90 / 0	254.74 / 0	254.52 / 0	252.62 / 0	253.99 / 0	252.89 / 0	252.57 / 0	247.03 / 0
MW4	226.75 / 0	222.06 / 0	227.98 / 0	226.78 / 0	229.70 / 0	229.63 / 0	229.08 / 0	227.29 / 0	228.68 / 0	226.72 / 0	226.57 / 0	225.95 / 0
MW5	255.08 / 0.73					252.06 / 0.99	251.70 / 1.22	247.62 / 1.67	249.13 / 0.17	248.74 / 1.15	248.18 / 0.87	235.60 / 7.2
MW6	245.68 / 0	245.10 / 0	249.98 / 0	248.98 / 0	251.78 / 0	250.35 / 0	249.98 / 0	247.56 / 0	248.10 / 0	248.19 / 0	247.64 / 0	242.55 / 0
MW8	268.65 / 0.001	267.27 / 0.02	271.45 / 0.06	270.10 / 0.04	275.57 / 0.03	272.52 / 0.03	270.90 / 0	270.25 / 0	271.13 / 0	271.78 / 0	270.61 / 0	276.19 / 0.001
MW9	255.28 / 0.09	255.12 / 0.05	260.79 / 0.03	259.31 / 0.04	267.04 / 0.04	264.63 / 0.02	264.23 / 0.05	263.54 / 0.05	264.01 / 0.03	263.70 / 0.03	263.14 / 0.05	250.35 / 0.001
MW10	257.19 / 0	256.49 / 0	261.32 / 0	260.09 / 0	268.83 / 0	267.35 / 0	267.02 / 0	266.13 / 0	266.05 / 0	266.31 / 0	265.18 / 0	255.89 / 0.001
MW11	264.55 / 0	264.39 / 0	269.23 / 0	267.82 / 0	272.31 / 0	270.01 / 0	269.43 / 0	268.74 / 0	269.53 / 0	269.65 / 0	269.06 / 0	260.21 / 0
MW12	255.04 / 0.06	254.03 / 0.06	256.65 / 0.08	255.98 / 0.06	262.52 / 0.02	261.06 / 0.01	260.58 / 0	259.86 / 0.02	261.57 / 0	261.41 / 0	260.90 / 0	249.85 / 0.04
MW13	254.31 / 0	253.17 / 0	259.59 / 0	258.85 / 0	264.21 / 0	262.46 / 0	261.91 / 0	260.76 / 0	261.22 / 0	261.44 / 0	260.89 / 0	250.95 / 0
MW14												
MW15	252.37 / 0	251.82 / 0	256.44 / 0	256.19 / 0	258.82 / 0	256.94 / 0	256.23 / 0	255.49 / 0	256.28 / 0	256.84 / 0	255.64 / 0	249.00 / 0
MW16	261.84 / 0	261.07 / 0	263.93 / 0	263.19 / 0	275.46 / 0	274.16 / 0	273.63 / 0	272.51 / 0	273.15 / 0	272.74 / 0	2772.46 / 0	260.16 / 0
MW17	253.26 / 0	252.69 / 0	257.29 / 0	256.35 / 0	264.21 / 0	262.06 / 0	261.79 / 0	259.69 / 0	260.47 / 0	259.81 / 0	259.67 / 0	249.76 / 0
MW18	253.34 / 0	252.27 / 0	257.71 / 0	257.27 / 0	264.82 / 0	263.14 / 0	262.57 / 0	261.53 / 0	261.85 / 0	261.05 / 0	260.58 / 0	249.87 / 0
MW19	239.46 / 0	238.49 / 0	242.66 / 0	241.59 / 0	247.26 / 0	245.49 / 0	244.36 / 0	243.67 / 0	244.43 / 0	243.23 / 0	242.89 / 0	233.75 / 0
MW20	253.46 / 0	252.21 / 0	257.80 / 0	256.85 / 0	263.59 / 0	262.20 / 0	261.19 / 0	259.54 / 0	260.39 / 0	260.20 / 0	259.40 / 0	249.97 / 0
MW21	262.46 / 0	261.76 / 0.001	265.60 / 0	265.13 / 0	274.09 / 0	272.16 / 0	271.70 / 0	271.27 / 0	271.78 / 0	271.56 / 0	270.93 / 0	
MW24	251.26 / 0	250.13 / 0	254.26 / 0	252.97 / 0	257.57 / 0	256.36 / 0	255.82 / 0	254.48 / 0	255.06 / 0	254.78 / 0	254.21 / 0	247.73 / 0
MW25	243.33 / 0.001	241.59 / 0	244.49 / 0.001	242.59 / 0	250.54 / 0	249.13 / 0	248.17 / 0	246.24 / 0	246.56 / 0	246.60 / 0	245.85 / 0	233.37 / 0.03
MW26	240.59 / 0.001	238.87 / 0.001	241.36 / 0.001	239.93 / 0	246.27 / 0	245.06 / 0	244.52 / 0	242.44 / 0	243.13 / 0	242.99 / 0	242.27 / 0	236.63 / 0
MW27	254.84 / 0	253.78 / 0	258.92 / 0	258.2 / 0	261.08 / 0	259.54 / 0	258.87 / 0	258.15 / 0	258.54 / 0	258.13 / 0	257.71 / 0	251.28 / 0
MW28A	268.51 / 0.001	266.34 / 0.001	271.95 / 0	270.29 / 0	278.14 / 0	275.42 / 0	274.80 / 0	273.35 / 0	274.32 / 0	273.06 / 0	272.46 / 0	262.23 / 0.58
MW29	243.92 / 0	242.69 / 0	250 / 0	248.71 / 0	257.14 / 0	256.72 / 0	255.68 / 0	254.45 / 0	255.36 / 0	255.32 / 0	254.85 / 0	236.03 / 0
MW30	232.15 / 0	231.31 / 0	233.09 / 0	233.01 / 0	239.42 / 0	236.25 / 0	235.64 / 0	234.19 / 0	234.52 / 0	234.71 / 0	234.07 / 0	227.82 / 0
MW31	259.08 / 0	258.6 / 0	263.18 / 0	262.92 / 0	270.12 / 0	268.73 / 0	267.83 / 0	266.25 / 0	266.36 / 0	266 / 0	265.33 / 0	254.79 / 0
MW32	255.22 / 0	253.5 / 0	261 / 0	260.14 / 0	261.6 / 0	260.75 / 0	260.23 / 0	259.14 / 0	259.35 / 0	259.44 / 0	258.82 / 0	251.82 / 0
MW33A	250.95 / 0	248.07 / 0	254.16 / 0	253.78 / 0	256.73 / 0	255.44 / 0	254.8 / 0	253.68 / 0	254.3 / 0	253.66 / 0	253.22 / 0	247.72 / 0
MW34	249.03 / 0	246.49 / 0	252.13 / 0	251.77 / 0	254.65 / 0	253.48 / 0	252.94 / 0	251.6 / 0	252.06 / 0	251.59 / 0	251.17 / 0	246.02 / 0
MW35	247.58 / 0	245.33 / 0	250.21 / 0	248.3 / 0	253.54 / 0	252.11 / 0	251.4 / 0	250.26 / 0	251.23 / 0	251.42 / 0	250.25 / 0	244.61 / 0
MW36	227.99 / 0	226.78 / 0	233.19 / 0	232.57 / 0	233.17 / 0	231.52 / 0	230.53 / 0	230 / 0	230.82 / 0	230.8 / 0	230.23 / 0	226.23 / 0
MW37	228.12 / 0	227.45 / 0	232.03 / 0	231.19 / 0	230.21 / 0	228.61 / 0	227.59 / 0	226.77 / 0	227.43 / 0	226.96 / 0	226.46 / 0	226.62 / 0
MW38	228.17 / 0	227.02 / 0	231.02 / 0	230.46 / 0	230.86 / 0	229.52 / 0	228.76 / 0	227.71 / 0	228.3 / 0	228.29 / 0	227.63 / 0	226.69 / 0
MW39	246.22 / 0	245.52 / 0	255.95 / 0	254.59 / 0	261.16 / 0	260.41 / 0	259.9 / 0	258.48 / 0	258.96 / 0	258.98 / 0	258.37 / 0	238.29 / 0
MW40	253.93 / 0	253.38 / 0	258.59 / 0	257.69 / 0	260.43 / 0	258.82 / 0	258.05 / 0	257.08 / 0	257.37 / 0	256.94 / 0	256.52 / 0	250.34 / 0
MW41	253.15 / 0	252.62 / 0	258.28 / 0	257.39 / 0	266 / 0	264.76 / 0	263.8 / 0	263.51 / 0	264.06 / 0	263.78 / 0	263.39 / 0	252.56 / 0
MW42	254.95 / 0	254.27 / 0	257.77 / 0	257.31 / 0	260.22 / 0	258.69 / 0	258.15 / 0	257.24 / 0	257.77 / 0	257.58 / 0	256.95 / 0	251.57 / 0

NOTES:
Grayed boxes indicate that data was not available or not collected.
GWE / PT - Groundwater Elevation in feet AMSL. / - Product Thickness in feet.

APPENDIX B
SUMMARY OF HISTORIC WATER ELEVATION AND PRODUCT GAUGING DATA
Ingersoll Rand Company
Phillipsburg, New Jersey

	January-01	February-01	March-01	April-01	May-01	June-01	July-01	August-01	September-01	October-01	November-01	December-01
MW43A	253.69 / 0	253.04 / 0	256.74 / 0	256.02 / 0	259.89 / 0	258.44 / 0	257.93 / 0	257.46 / 0	257.83 / 0	257.33 / 0	256.87 / 0	251.3 /
MW44	252.91 / 0	252.55 / 0	257.42 / 0	256.07 / 0	258.67 / 0	257.29 / 0	256.63 / 0	256.08 / 0	256.77 / 0	256.08 / 0	255.66 / 0	249.59 / 0
MW45	254.08 / 0	252.79 / 0	256.66 / 0	255.27 / 0	259.36 / 0	255.89 / 0	254.94 / 0	254.13 / 0	254.78 / 0	253.98 / 0	253.81 / 0	252.99 / 0
RW1	256.34 / 0.05	255.15 / 0.01	258.80 / 0.001	258.36 / 0	263.15 / 0	260.48 / 0.02	260.38 / 0	259.33 / 0.01	259.94 / 0.2	259.86 / 0	259.37 / 0.01	251.26 / 0.6
RW2	258.29 / 2.82	258.18 / 0.69	260.00 / 0	259.01 / 0.49	266.14 / 1.23	265.37 / 1.25	264.66 / 0.56	264.67 / 0.85	265.11 / 0.14	265.30 / 0.26	264.99 / 0.37	254.46 / 1.39
RW3	261.90 / 0.03	259.57 / 0.04	264.78 / 0.1	263.73 / 0.02	271.13 / 0.03	268.99 / 0.01	268.67 / 0	268.11 / 0.03	268.67 / 0.01	268.71 / 0.02	268.20 / 0.03	251.30 / 0.001
RW4	254.89 / 0	251.96 / 0.04	254.63 / 0.001	254.50 / 0.02	262.25 / 0	260.63 / 0	260.56 / 0	259.24 / 0	259.49 / 0	259.60 / 0	258.67 / 0	249.85 / 0.001
RW5	264.51 / 0.24	263.78 / 0.45	269.05 / 0.06	267.30 / 0.14	274.58 / 0.14	272.19 / 0.15	272.16 / 0.1	268.71 / 0.02	269.77 / 0.06	267.69 / 0.02	267.25 / 0.03	253.63 / 1.13
RW6	263.08 / 0.001	262.25 / 0	268.71 / 0	267.55 / 0	275.52 / 0	272.90 / 0	272.62 / 0	270.22 / 0	270.57 / 0.01	270.34 / 0	269.96 / 0.02	
RW7	276.07 / 0.06	274.83 / 0.06	280.93 / 0.02			278.72 / 0.03	278.63 / 0.01	276.67 / 0.04	277.15 / 0.03	277.26 / 0.08	275.96 / 0.06	265.44 / 0.07
RW8	258.65 / 0.02	257.40 / 0.06	260.93 / 0.01	260.30 / 0.01	277.54 / 0.01	272.61 / 0.02	270.81 / 0.08	270.84 / 0.07	270.60 / 0.02	271.52 / 0.16	268.90 / 0.07	252.71 / 3.52
RW8A	257.68 / 0.24	256.48 / 0.31	259.97 / 0.03	259.19 / 0.04	276.60 / 0.07	271.67 / 0.09	269.93 / 0.02	269.91 / 0.15	269.74 / 0.04	270.65 / 0.25	267.91 / 0.15	251.49 / 3.19
RW9	288.77 / 0.73	288.32 / 0.16	296.20 / 0.24	294.89 / 0.24	303.34 / 0.19	299.11 / 0.18	298.94 / 0.23	296.41 / 0.33	297.30 / 0.3	294.90 / 0	293.55 / 0.34	297.85 / 0.4
RW10	261.19 / 0	260.63 / 0	265.03 / 0	263.03 / 0	267.61 / 0	264.89 / 0	264.81 / 0	262.72 / 0	263.25 / 0	262.98 / 0	262.61 / 0	253.52 / 0
RW11	285.35 / 0	284.36 / 0	288.13 / 0	287.40 / 0	294.38 / 0	290.78 / 0	290.27 / 0	289.36 / 0	290.80 / 0	291.13 / 0.13	290.18 / 0	268.22 / 0
RW12	258.43 / 0.1	258.24 / 0.13	261.60 / 0.13	261.38 / 0.17	263.69 / 0.07	261.28 / 0.04	260.83 / 0.07	260.37 / 0.13	260.66 / 0.1	260.44 / 0	260.02 / 0.07	252.04 / 0.2
RW13	254.74 / 0	254.40 / 0	259.30 / 0	258.92 / 0	262.38 / 0	261.14 / 0	259.42 / 0	259.05 / 0	259.82 / 0	259.07 / 0	258.53 / 0	250.12 / 0
RW14	254.40 / 0	262.16 / 0				261.05 / 0	260.65 / 0	259.57 / 0	261.14 / 0	261.15 / 0.23	260.64 / 0	249.46 / 0
RW15	263.18 / 0.2	262.85 / 0.21	269.41 / 0.31	268.81 / 0.18	275.80 / 0.05	274.22 / 0.12	273.45 / 0.19	272.86 / 0.16	273.38 / 0.28	273.58 / 1.58	272.72 / 0.31	253.96 / 0.01
RW16	248.79 / 0.3	248.19 / 0.46	252.66 / 2.19	251.86 / 2.41	258.92 / 1	257.11 / 0.79	256.15 / 1.31	253.94 / 1.41	254.48 / 0.57	254.50 / 0	254.01 / 1.1	249.98 / 5.33
RW17	250.07 / 0.44	248.57 / 0.05	253.23 / 0.19	252.15 / 0.09	259.22 / 0.1	259.34 / 0.03	257.90 / 0.1	255.99 / 0.07	256.87 / 0.1	255.85 / 0	254.98 / 0.05	243.30 / 12.41
OLD WW	255.72 / 0	255.39 / 0	258.21 / 0	257.62 / 0	261.53 / 0	259.70 / 0	258.81 / 0	257.42 / 0	257.87 / 0	258.21 / 0.25	257.45 / 0	250.19 / 0
TH36	282.69 / 0	281.98 / 0	288.24 / 0	286.77 / 0	296.36 / 0	290.66 / 0	289.90 / 0	288.91 / 0	290.42 / 0	290.04 / 0	288.51 / 0	256.75 / 0
THBF	255.17 / 0.45	254.20 / 0.24	260.65 / 0.32	259.05 / 0.31	268.45 / 0.23	264.72 / 0.4	264.46 / 0.33	262.82 / 0.28	263.09 / 0.37	263.49 / 0.31	262.61 / 0.47	262.05 / 0.01
THby4	261.94 / 0.19	261.57 / 0.49	263.73 / 0.61	262.71 / 0.44	271.97 / 0.53	270.73 / 0.16	270.27 / 0.22	269.32 / 0.24	269.57 / 0.1	269.55 / 0.29	268.65 / 0.16	261.16 / 0.01
THWLS	266.01 / 0	269.11 / 0	268.27 / 0	273.66 / 0		272.09 / 0	271.25 / 0	270.66 / 0	270.47 / 0	270.36 / 0	269.79 / 0	

NOTES:
Grayed boxes indicate that data was not available or not collected.
GWE / PT
- Groundwater Elevation in feet AMSL.
- Product Thickness in feet.

APPENDIX B
SUMMARY OF HISTORIC WATER ELEVATION AND PRODUCT GAUGING DATA
Ingersoll Rand Company
Phillipsburg, New Jersey

	January-02	February-02	March-02	April-02
MW1	248.82 / 0	247.91 / 0	247.26 / 0	247.12 / 0
MW2A	246.72 / 0	246.12 / 0	245.34 / 0	245.27 / 0
MW3	246.08 / 0	245.21 / 0	244.59 / 0	244.48 / 0
MW4	225.49 / 0	225.21 / 0	225.04 / 0	225.20 / 0
MW5	234.25 / 7.27	234.45 / 6.02	233.85 / 5.77	236.05 / 0
MW6	241.68 / 0	240.94 / 0	240.34 / 0	240.49 / 0
MW8	264.51 / 0	261.97 / 0	260.54 / 0	259.85 / 0
MW9	253.02 / 0	248.04 / 0	254.51 / 0	247.80 / 0
MW10	254.32 / 0.001	252.75 / 0.01	252.27 / 0.16	251.30 / 0.04
MW11	259.54 / 0.001	259.51 / 0	259.15 / 0	262.38 / 0
MW12	248.95 / 0.07	247.99 / 0.02	247.41 / 0.17	247.30 / 0.2
MW13	250.21 / 0	250.27 / 0	248.54 / 0	247.12 / 0
MW14				
MW15	248.01 / 0	247.12 / 0	246.47 / 0	246.34 / 0
MW16	259.40 / 0	258.51 / 0	257.82 / 0	260.00 / 0
MW17	248.78 / 0	247.84 / 0	247.24 / 0	247.12 / 0
MW18	248.84 / 0	247.93 / 0	247.32 / 0	247.17 / 0
MW19	232.87 / 0	232.37 / 0	232.05 / 0	232.09 / 0
MW20	248.88 / 0	247.87 / 0	247.20 / 0	247.02 / 0
MW21	250.45 / 0	249.34 / 0	248.70 / 0	248.61 / 0
MW24	246.86 / 0	245.93 / 0	245.24 / 0	245.28 / 0
MW25	233.03 / 0.04	232.25 / 0.02	231.70 / 0.2	232.95 / 0.1
MW26	233.62 / 0	232.58 / 0.001	232.66 / 0.001	233.78 / 0
MW27	250.51 / 0	249.49 / 0	248.76 / 0	248.41 / 0
MW28A	260.76 / 1.65	259.57 / 1.58	258.30 / 1	264.98 / 0
MW29	235.32 / 0	234.63 / 0	234.23 / 0	235.09 / 0
MW30	227.31 / 0	226.98 / 0	226.78 / 0	227.36 / 0
MW31	253.89 / 0	252.98 / 0	252.17 / 0	252.64 / 0
MW32	250.82 / 0	249.91 / 0	249.26 / 0	249.13 / 0
MW33A	246.77 / 0	246.01 / 0	245.36 / 0	245.37 / 0
MW34	245.16 / 0	244.48 / 0	243.88 / 0	243.94 / 0
MW35	243.73 / 0	243.06 / 0	242.55 / 0	242.6 / 0
MW36	225.7 / 0	225.37 / 0	225.11 / 0	226.01 / 0
MW37	226.28 / 0	226.01 / 0	225.92 / 0	226.08 / 0
MW38	226.28 / 0	226.04 / 0	225.88 / 0	226.06 / 0
MW39	237.26 / 0	236.4 / 0	235.49 / 0	238.59 / 0
MW40	249.31 / 0	248.4 / 0	247.71 / 0	247.6 / 0
MW41	251.53 / 0	250.53 / 0	250.01 / 0	250.25 / 0
MW42	250.59 / 0	249.69 / 0	248.85 / 0	248.59 / 0

APPENDIX B
SUMMARY OF HISTORIC WATER ELEVATION AND PRODUCT GAUGING DATA
Ingersoll Rand Company
Phillipsburg, New Jersey

	January-02	February-02	March-02	April-02
MW43A	250.33 / 0	249.38 / 0	248.69 / 0	248.52 / 0
MW44	248.59 / 0	247.75 / 0	247.07 / 0	246.88 / 0
MW45	252.2 / 0	251.33 / 0	250.48 / 0	250.21 / 0
RW1	251.98 / 1.29	250.53 / 2.08	251.26 / 3	250.52 / 1.94
RW2	252.78 / 0.02	251.46 / 0	250.79 / 3.39	251.35 / 0
RW3	249.78 / 0.01	248.51 / 0.01	247.83 / 0.06	247.66 / 0.13
RW4	248.38 / 0.01	248.05 / 0.01	247.52 / 0.07	247.29 / 0.04
RW5	251.83 / 1.13	250.37 / 1.77	250.06 / 1.49	249.93 / 1.53
RW6			250.06 / 1.02	250.01 / 1.03
RW7	270.66 / 0	263.88 / 0.09	262.83 / 0.16	271.67 / 0
RW8	255.26 / 3.8	249.33 / 0.39	249.94 / 2.85	250.28 / 3.92
RW8A	251.15 / 4.3	249.67 / 4.34	249.57 / 3.83	249.88 / 0
RW9	296.45 / 0.54	294.68 / 0.41	294.85 / 0.18	296.92 / 0
RW10	252.56 / 0	251.53 / 0	250.56 / 0	250.90 / 0
RW11	267.25 / 0	267.17 / 0	266.07 / 0	271.82 / 0
RW12	251.01 / 0.19	250.07 / 0.19	250.41 / 0.18	249.87 / 0.21
RW13	248.91 / 0	247.89 / 0	247.30 / 0	247.85 / 0
RW14	248.46 / 0	247.55 / 0	246.90 / 0	246.77 / 0
RW15	260.85 / 0.08	251.60 / 0.05	250.64 / 0.12	250.40 / 0
RW16	249.19 / 5.66	248.30 / 0.73	247.74 / 0.73	247.55 / 0
RW17		241.21 / 12.58	240.85 / 10.92	241.07 / 0.22
OLD WW	249.21 / 0	248.30 / 0	250.68 / 0	247.56 / 0
TH36	255.38 / 0.001	254.51 / 0	253.66 / 0	256.11 / 0
THBF	260.35 / 0.001	259.54 / 0.47	259.26 / 0.46	258.43 / 0.43
THby4	260.18 / 0.02	259.26 / 0.02	258.69 / 0.11	258.50 / 0.05
THWLS	259.76 / 0	259.42 / 0	258.76 / 0	258.63 / 0

APPENDIX D

Well Search Records (Available Only in Hardcopy Report)

APPENDIX E

MidAtlantic Geophysics Report (Available Only in Hardcopy Report)

APPENDIX F

Laboratory Analytical Data Reports
(Click in Index to View Laboratory Report)

Appendix F
Lab Report Index
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Lab Job No.	Sample ID	Matrix	Date	Time	Analysis
V127	MW-28A	Oil	4/4/02	9:30	Fingerprint
V127	RW-17	Oil	4/4/02	12:35	Fingerprint
V864	A042902	Blank	4/29/02	14:55	VO+10
V864	MW01A	PDB	4/29/02	12:25	VO+10
V864	MW03A	PDB	4/29/02	10:35	VO+10
V864	MW04A	PDB	4/29/02	11:00	VO+10
V864	MW04B	PDB	4/29/02	11:05	VO+10
V864	MW05A	PDB	4/29/02	9:45	VO+10
V864	MW05B	PDB	4/29/02	9:50	VO+10
V864	MW06A	PDB	4/29/02	11:45	VO+10
V864	MW06B	PDB	4/29/02	11:50	VO+10
V864	MW06C	PDB	4/29/02	11:55	VO+10
V864	MW13A	PDB	4/29/02	13:45	VO+10
V864	MW13AP	PDB	4/29/02	13:50	VO+10
V864	MW17A	PDB	4/29/02	14:15	VO+10
V864	MW17B	PDB	4/29/02	14:20	VO+10
V864	MW17C	PDB	4/29/02	14:25	VO+10
V864	MW20A	PDB	4/29/02	14:00	VO+10
V864	MW26A	PDB	4/29/02	9:20	VO+10
V864	MW26B	PDB	4/29/02	9:25	VO+10
V864	MW26C	PDB	4/29/02	9:30	VO+10
V864	MW26D	PDB	4/29/02	9:35	VO+10
V864	MW26E	PDB	4/29/02	9:40	VO+10
V864	MW28AA	PDB	4/29/02	10:00	VO+10
V864	MW28AB	PDB	4/29/02	10:05	VO+10
V864	MW32A	PDB	4/29/02	14:45	VO+10
V864	MW32B	PDB	4/29/02	14:50	VO+10
V864	MW33AA	PDB	4/29/02	13:40	VO+10
V864	MW33AP	PDB	4/29/02	13:45	VO+10
V864	MW34A	PDB	4/29/02	12:05	VO+10
V864	MW34B	PDB	4/29/02	12:10	VO+10
V864	MW35A	PDB	4/29/02	12:25	VO+10
V864	MW35B	PDB	4/29/02	12:30	VO+10
V864	MW38A	PDB	4/29/02	11:15	VO+10
V864	MW38B	PDB	4/29/02	11:20	VO+10
V864	MW38C	PDB	4/29/02	11:30	VO+10
V864	RW09A	PDB	4/29/02	12:00	VO+10
V864	RW09B	PDB	4/29/02	12:05	VO+10
V864	RW09C	PDB	4/29/02	12:10	VO+10
V864	RW09D	PDB	4/29/02	12:15	VO+10
V864	RW15A	PDB	4/29/02	10:30	VO+10
V864	RW15B	PDB	4/29/02	10:35	VO+10
V864	RW15C	PDB	4/29/02	10:40	VO+10
V864	RW15D	PDB	4/29/02	10:45	VO+10
V864	RW16A	PDB	4/29/02	11:35	VO+10
V864	RW16B	PDB	4/29/02	11:40	VO+10
V864	T042902	Blank	4/26/02	0:00	VO+10
V912	A043002	Blank	4/30/02	14:00	VO+10, TPHC, Aresenic, Chromium, and Lead
V912	B043002	Blank	4/30/02	15:15	VO+10, Aresenic, Chromium, and Lead
V912	MW01	Groundwater	4/30/02	10:00	VO+10, TPHC, Aresenic, Chromium, and Lead
V912	MW37	Groundwater	4/30/02	11:20	VO+10, TPHC, Aresenic, Chromium, and Lead
V912	MW38	Groundwater	4/30/02	14:45	VO+10, TPHC, Aresenic, Chromium, and Lead
W003	B050102	Blank	5/1/02	15:05	VO+10, TPHC, Aresenic, Chromium, and Lead
W003	B050202	Blank	5/2/02	15:00	VO+10, TPHC, Aresenic, Chromium, and Lead
W003	MW2A	Groundwater	5/2/02	10:20	VO+10, TPHC, Aresenic, Chromium, and Lead
W003	MW33A	Groundwater	5/1/02	10:30	VO+10, TPHC, Aresenic, Chromium, and Lead
W003	MW34	Groundwater	5/1/02	14:30	VO+10, TPHC, Aresenic, Chromium, and Lead
W003	MW35	Groundwater	5/2/02	12:40	VO+10, TPHC, Aresenic, Chromium, and Lead
W003	MW44	Groundwater	5/2/02	14:30	VO+10, TPHC

Appendix F
Lab Report Index
Groundwater Remedial Investigation Report
Ingersoll Rand
Phillipsburg, New Jersey

Lab Job No.	Sample ID	Matrix	Date	Time	Analysis
W059	MW40	Groundwater	5/3/02	15:25	VO+10, TPHC
W059	MW42	Groundwater	5/3/02	9:55	VO+10, TPHC
W059	MW43A	Groundwater	5/3/02	13:25	VO+10, TPHC
W059	MW45	Groundwater	5/3/02	10:55	VO+10, TPHC
W060	AO50302	Blank	5/3/02	14:30	VO+10, TPHC
W060	MW16	Groundwater	5/3/02	14:45	VO+10, TPHC
W060	RW13	Groundwater	5/3/02	15:18	VO+10, TPHC
W060	T050302	Blank	5/2/02	0:00	VO+10
W088	A050602	Blank	5/6/02	15:10	VO+10, TPHC, BN+15
W088	B050602	Blank	5/6/02	15:45	VO+10, TPHC, Aresenic, Chromium, and Lead
W088	MW03	Groundwater	5/6/02	10:00	VO+10, TPHC, Aresenic, Chromium, and Lead
W088	MW04	Groundwater	5/6/02	12:10	VO+10, TPHC, Aresenic, Chromium, and Lead
W088	MW17	Groundwater	5/6/02	11:20	VO+10, TPHC
W088	MW18	Groundwater	5/6/02	15:30	VO+10, TPHC, BN+15
W088	MW20	Groundwater	5/6/02	14:00	VO+10, TPHC, BN+15
W088	MW36	Groundwater	5/6/02	15:15	VO+10, TPHC, Aresenic, Chromium, and Lead
W088	T050602	Blank	5/3/02	0:00	VO+10
W203	A050702	Blank	5/7/02	15:35	VO+10, TPHC, BN+15
W203	A050802	Blank	5/8/02	13:40	VO+10, TPHC, BN+15, Aresenic, Chromium, and Lead
W203	MW19	Groundwater	5/7/02	11:30	VO+10, TPHC, BN+15
W203	MW21	Groundwater	5/8/02	10:30	VO+10, TPHC, BN+15
W203	MW29	Groundwater	5/8/02	15:20	VO+10, TPHC, BN+15
W203	RW11	Groundwater	5/8/02	14:10	VO+10, TPHC, BN+15, Aresenic, Chromium, and Lead
W203	T050802	Blank	5/7/02	0:00	VO+10
W204	B050702	Blank	5/7/02	14:50	VO+10, TPHC, Aresenic, Chromium, and Lead
W204	MW06	Groundwater	5/7/02	13:25	VO+10, TPHC, Aresenic, Chromium, and Lead
W204	MW24	Groundwater	5/7/02	15:55	VO+10, TPHC
W204	MW32	Groundwater	5/8/02	10:30	VO+10, TPHC
W204	MW32P	Groundwater	5/8/02	15:20	VO+10, TPHC
W204	MW39	Groundwater	5/8/02	15:20	VO+10, TPHC, Aresenic, Chromium, and Lead
W294	A050902	Blank	5/9/02	15:20	VO+10, TPHC, BN+15, Aresenic, Chromium, and Lead
W294	A051002	Blank	5/10/02	9:00	VO+10, TPHC, Aresenic, Chromium, and Lead
W294	B050902	Blank	5/9/02	15:00	VO+10, TPHC, BN+15, Aresenic, Chromium, and Lead
W294	B051002	Blank	5/10/02	12:15	VO+10, TPHC, Aresenic, Chromium, and Lead
W294	MW13	Groundwater	5/9/02	12:45	VO+10, TPHC, BN+15, Aresenic, Chromium, and Lead
W294	MW15	Groundwater	5/10/02	11:15	VO+10, TPHC, BN+15
W294	MW27	Groundwater	5/9/02	14:40	VO+10, TPHC, BN+15
W294	MW30	Groundwater	5/10/02	8:50	VO+10, TPHC, Aresenic, Chromium, and Lead
W294	MW31	Groundwater	5/9/02	11:00	VO+10, TPHC, BN+15, Aresenic, Chromium, and Lead
W294	MW31P	Groundwater	5/9/02	11:05	VO+10, TPHC, BN+15, Aresenic, Chromium, and Lead
W294	MW41	Groundwater	5/10/02	10:20	VO+10, TPHC
W294	RW10	Groundwater	5/9/02	13:00	VO+10, TPHC
W294	RW14	Groundwater	5/10/02	9:30	VO+10, TPHC
W294	T051002	Blank	5/8/02	0:00	VO+10
W294	TH36	Groundwater	5/9/02	13:55	VO+10, TPHC, BN+15, Aresenic, Chromium, and Lead

APPENDIX G

Groundwater Purging and Sampling Logs

Groundwater Purging and Sampling Field Log

Well ID #: MW01

Date: 4/30/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: E. Egan, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	8.78 gallons
Depth to Water (ft):	117.03	feet		
Depth to Bottom (ft):	123	feet	Minimum Volume to be Purged (gal):	26.34 gallons
Height of Water Column (ft):	5.97	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	9:15 to 9:36
Sampling Time:	10:00
Analytical Parameters:	VO+10, TPHC, Metals

	Before Purge	Before Sampling	Notes:
Time	9:14	9:39	Water appears clear, no turbidity, no odor.
Depth to Water (ft.)	117.03	117.35	
pH (SU)	10.20	11.23	
Temp. (^oC)	13.45	14.50	
DO (mg/l)	10.47	11.11	
Cond. (S/cm)	0.481	0.448	
Turbidity (Ntu)	756.0	95.8	
ORP (mV)	178	115	
Est. Purge Vol. (gal.)	26.5		
Average Purge Rate (gal/min.)	1.0		
PID (ppm)	-	-	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW2A

Date: 5/2/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: P. Kies, C. Campbell

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	9 gallons
Depth to Water (ft):	109	feet		
Depth to Bottom (ft):	115	feet	Minimum Volume to be Purged (gal):	27 gallons
Height of Water Column (ft):	6	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	9:10 to 10:10
Sampling Time:	10:20
Analytical Parameters:	VOCs, Metals, TPHC

	Before Purge	Before Sampling	Notes:
Time	9:10	10:10	
Depth to Water (ft.)	109.00	109.00	
pH (SU)	6.55	7.56	
Temp. (^oC)	12.09	13.25	
DO (mg/l)	3.93	9.03	
Cond. (S/cm)	0.695	0.599	
Turbidity (Ntu)	20.1	610.0	
ORP (mV)	216	201	
Est. Purge Vol. (gal.)	30.00		
Average Purge Rate (gal/min.)	0.50		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW03

Date: 5/6/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: P. Kies, C. Campbell

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	24.37 gallons
Depth to Water (ft):	93.75	feet		
Depth to Bottom (ft):	110	feet	Minimum Volume to be Purged (gal):	73.11 gallons
Height of Water Column (ft):	16.25	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	8:41 to 9:40
Sampling Time:	10:00
Analytical Parameters:	VOC, Metals, TPHC

	Before Purge	Before Sampling	Notes:
Time	8:40	9:41	Had trouble with pump.
Depth to Water (ft.)	93.75	93.75	
pH (SU)	6.47	7.14	
Temp. (^oC)	15.38	16.66	
DO (mg/l)	5.91	8.86	
Cond. (S/cm)	0.896	0.637	
Turbidity (Ntu)	23.8	40.0	
ORP (mV)	222	171	
Est. Purge Vol. (gal.)	80.00		
Average Purge Rate (gal/min.)	1.50		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW04

Date: 5/6/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: P. Kies, C. Campbell

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? Yes No

2) Was structural integrity good? Yes No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes No

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	50.77 gallons
Depth to Water (ft):	91.15	feet		
Depth to Bottom (ft):	125	feet	Minimum Volume to be Purged (gal):	152.31 gallons
Height of Water Column (ft):	33.85	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	10:40 to 11:56
Sampling Time:	12:10
Analytical Parameters:	VOC, Metals, TPHC

	Before Purge	Before Sampling
Time	-	-
Depth to Water (ft.)	91.15	92.20
pH (SU)	6.91	6.81
Temp. (^oC)	17.63	16.61
DO (mg/l)	11.31	6.50
Cond. (S/cm)	1.460	1.540
Turbidity (Ntu)	-10.0	-10.0
ORP (mV)	155	136
Est. Purge Vol. (gal.)	152.31	
Average Purge Rate (gal/min.)	-	
PID (ppm)	ND	ND

Notes:

Purge H2O was discharged directly to the ground surface.

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW06

Date: 5/7/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: P. Kies, S. McCray

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	8	inches	Volume of Standing Water (gal):	225.79 gallons
Depth to Water (ft):	108.49	feet		
Depth to Bottom (ft):	195	feet	Minimum Volume to be Purged (gal):	678.37 gallons
Height of Water Column (ft):	-	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	8:38 to 13:10
Sampling Time:	13:25
Analytical Parameters:	VOC, Metals, TPHC

	Before Purge	Before Sampling	Notes:
Time	-	-	Water clear, colorless, and odorless throughout purge.
Depth to Water (ft.)	108.49	108.49	
pH (SU)	6.49	7.11	
Temp. (^oC)	15.60	15.76	
DO (mg/l)	9.81	11.16	
Cond. (S/cm)	0.614	1.620	
Turbidity (Ntu)	119.0	-10.0	
ORP (mV)	227	207	
Est. Purge Vol. (gal.)	680.0		
Average Purge Rate (gal/min.)	2.50		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW08

Date: 4/30/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: E. Egan, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	8	inches	Volume of Standing Water (gal):	181.92 gallons
Depth to Water (ft):	103.3	feet		
Depth to Bottom (ft):	173	feet	Minimum Volume to be Purged (gal):	545.76 gallons
Height of Water Column (ft):	69.7	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	11:17 to 11:35
Sampling Time:	No sample
Analytical Parameters:	VO+10, TPHC, BN+15, Metals

	Before Purge	Before Sampling
Time	11:13	-
Depth to Water (ft.)	103.30	-
pH (SU)	10.43	-
Temp. (^oC)	13.60	-
DO (mg/l)	10.06	-
Cond. (S/cm)	0.559	-
Turbidity (Ntu)	0.0	-
ORP (mV)	173	-
Est. Purge Vol. (gal.)	-	
Average Purge Rate (gal/min.)	-	
PID (ppm)	-	-

Notes:

The generator quit working at 11:35. The field team tinkered with the generator, checked all the fluids and began pumping again at 12:39 to 13:30. Again the geneator quit, product was also detected in the pruge water. No sample was collected. Water appear clear, low turbidity, no odor or sheen present.

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW11

Date: 5/8/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: E. Egan, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? Yes No

2) Was structural integrity good? Yes No

3) Were any unusual conditions observed?

(i.e. **odors**, staining, unusual site activities, etc.)

Yes No

Well Data and Volume Calculations

Well Diameter (in):	8	inches	Volume of Standing Water (gal):	264.54 gallons
Depth to Water (ft):	98.64	feet		
Depth to Bottom (ft):	200	feet	Minimum Volume to be Purged (gal):	793.62 gallons
Height of Water Column (ft):	101.36	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	11:24 to 13:45
Sampling Time:	No sample
Analytical Parameters:	VOC, TPHC

	Before Purge	Before Sampling	Notes:
Time	11:23	-	Sheen on water observed at approximately 13:20 no sample was collected.
Depth to Water (ft.)	98.64	-	
pH (SU)	6.91	-	
Temp. (^oC)	20.95	-	
DO (mg/l)	7.45	-	
Cond. (S/cm)	0.704	-	
Turbidity (Ntu)	127.0	-	
ORP (mV)	209	-	
Est. Purge Vol. (gal.)	-		
Average Purge Rate (gal/min.)	2.0		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW13

Date: 5/9/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: S. McCray, P. Kies

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

Yes, suspended solids present

(i.e. odors, staining, unusual site activities, etc.)

Yes (**No**)

Well Data and Volume Calculations

Well Diameter (in):	8	inches	Volume of Standing Water (gal):	233.82 gallons
Depth to Water (ft):	110.41	feet		
Depth to Bottom (ft):	200	feet	Minimum Volume to be Purged (gal):	701.46 gallons
Height of Water Column (ft):	89.59	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	8:30 to 12:30
Sampling Time:	12:45
Analytical Parameters:	VO+10, Metals, TPHC, BN+15

	Before Purge	Before Sampling
Time	8:29	12:31
Depth to Water (ft.)	110.41	115.30
Temp. (^oC)	6.19	6.68
Temp. (oC)	14.22	14.10
DO (mg/l)	6.10	8.64
Cond. (S/cm)	1.4	0.9
Turbidity (Ntu)	50	160
ORP (mV)	213	182
Est. Purge Vol. (gal.)	710.00	
Average Purge Rate (gal /min.)	3.00	
PID (ppm)	ND	ND

Notes:

At the Beginning of the purge, the water was cloudy and brown it cleared with in a half hour.

After approximatly 1.5 hours of purging at 3 gal per minute water level stabilized at 130.5'.

below TOC.

The sample was cloudy, light brown with suspended solid particles.

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW15

Date: 5/10/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: P. Kies, C. Campbell

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	8	inches	Volume of Standing Water (gal):	91.61 gallons
Depth to Water (ft):	114.9	feet		
Depth to Bottom (ft):	150	feet	Minimum Volume to be Purged (gal):	274.83 gallons
Height of Water Column (ft):	35.1	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	9:54 to 11:02
Sampling Time:	11:15
Analytical Parameters:	VOC, TPHC, BN+15

	Before Purge	Before Sampling	Notes:
Time	9:54	11:03	
Depth to Water (ft.)	114.90	114.90	
pH (SU)	7.96	7.61	
Temp. (^oC)	16.99	16.76	
DO (mg/l)	10.41	9.38	
Cond. (S/cm)	0.813	0.848	
Turbidity (Ntu)	40.3	164.0	
ORP (mV)	108	218	
Est. Purge Vol. (gal.)	275.00		
Average Purge Rate (gal/min.)	4.00		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW16

Date: 5/3/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: J. Senchisen, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	8	inches	Volume of Standing Water (gal):	130.8 gallons
Depth to Water (ft):	99.9	feet		
Depth to Bottom (ft):	159	feet	Minimum Volume to be Purged (gal):	392.4 gallons
Height of Water Column (ft):	50.1	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	13:50 to 16:17
Sampling Time:	16:45
Analytical Parameters:	VO+10, TPHC

	Before Purge	Before Sampling	Notes:
Time	13:50	16:17	No odor, PID read zero at the well and the purge water. The purge water was clear with low turbid
Depth to Water (ft.)	99.90	153.50	
pH (SU)	11.28	11.85	
Temp. (^oC)	16.50	15.40	
DO (mg/l)	6.70	10.18	
Cond. (S/cm)	0.720	0.726	
Turbidity (Ntu)	47.4	39.0	
ORP (mV)	88	165	
Est. Purge Vol. (gal.)	392.00		
Average Purge Rate (gal/min.)	2.5 gal		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW17

Date: 5/6/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: B. Sweeney, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	8	inches	Volume of Standing Water (gal):	198.9 gallons
Depth to Water (ft):	75.8	feet		
Depth to Bottom (ft):	152	feet	Minimum Volume to be Purged (gal):	597 gallons
Height of Water Column (ft):	76.2	feet		

Purging and Sampling Details

Purging Method:	Conventional 3" Grundfos
Purge Times:	8:40 to 11:11
Sampling Time:	11:20
Analytical Parameters:	VO+10, PHC

	Before Purge	Before Sampling	Notes:
Time	8:40	11:10	
Depth to Water (ft.)	75.80	78.82	
pH (SU)	14.3 error	14.3 error	There was an error with the pH probe, appeared to be a piece of sediment.
Temp. (^oC)	14.90	17.80	
DO (mg/l)	7.75	11.14	
Cond. (S/cm)	0.710	0.715	
Turbidity (Ntu)	31.0	39.8	
ORP (mV)	128	104	
Est. Purge Vol. (gal.)	597.0		
Average Purge Rate (gal/min.)	4.00		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW18

Date: 5/6/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: B. Sweeney, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	8	inches	Volume of Standing Water (gal):	39.15 gallons
Depth to Water (ft):	99.04	feet		
Depth to Bottom (ft):	114	feet	Minimum Volume to be Purged (gal):	117.45 gallons
Height of Water Column (ft):	14.96	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	14:20 to 15:20
Sampling Time:	15:30
Analytical Parameters:	VO+10, BN+15, TPHC

	Before Purge	Before Sampling	Notes:
Time	14:20	15:20	
Depth to Water (ft.)	99.04	99.10	
pH (SU)	ERROR	ERROR	There was an error with the pH probe, appeared to be a piece of sediment.
Temp. (^oC)	21.30	17.81	
DO (mg/l)	2.51	3.43	
Cond. (S/cm)	0.747	0.712	
Turbidity (Ntu)	83.0	102.0	
ORP (mV)	72	80	
Est. Purge Vol. (gal.)	118.00		
Average Purge Rate (gal/min.)	2.00		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW19

Date: 5/7/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: B. Sweeney, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	8	inches	Volume of Standing Water (gal):	112 gallons
Depth to Water (ft):	107.09	feet		
Depth to Bottom (ft):	150	feet	Minimum Volume to be Purged (gal):	336 gallons
Height of Water Column (ft):	42.91	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	8:29 to 11:20
Sampling Time:	11:30
Analytical Parameters:	VO+10, BN+15, TPHC

	Before Purge	Before Sampling	Notes:
Time	8:29	11:20	The purge water is clear with low turbidity.
Depth to Water (ft.)	107.09	107.11	
pH (SU)	ERROR	ERROR	There was an error with the pH probe, appeared to be a piece of sediment.
Temp. (^oC)	16.30	17.70	
DO (mg/l)	6.56	11.39	
Cond. (S/cm)	0.712	0.692	
Turbidity (Ntu)	33.7	58.5	
ORP (mV)	252	142	
Est. Purge Vol. (gal.)	340.00		
Average Purge Rate (gal/min.)	2.00		
PID (ppm)	0.00	0.00	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW20

Date: 5/6/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: B. Sweeney, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	8	inches	Volume of Standing Water (gal):	38.3 gallons
Depth to Water (ft):	85.11	feet		
Depth to Bottom (ft):	104	feet	Minimum Volume to be Purged (gal):	114 gallons
Height of Water Column (ft):	18.89	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	13:03 to 13:45
Sampling Time:	14:00
Analytical Parameters:	VO+10, TPHC, BN+15

	Before Purge	Before Sampling	Notes:
Time	13:03	13:45	
Depth to Water (ft.)	85.11	86.70	
pH (SU)	14.99 error	15.0 error	There was an error with the pH probe, appeared to be a piece of sediment.
Temp. (^oC)	16.90	17.00	
DO (mg/l)	18.97	7.21	
Cond. (S/cm)	0.648	0.845	
Turbidity (Ntu)	91.7	54.6	
ORP (mV)	86	-85	
Est. Purge Vol. (gal.)	114.00		
Average Purge Rate (gal/min.)	3.00		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW21

Date: 5/7/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: B. Sweeney, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	8	inches	Volume of Standing Water (gal):	245.6 gallons
Depth to Water (ft):	105.91	feet		
Depth to Bottom (ft):	200	feet	Minimum Volume to be Purged (gal):	736.8 gallons
Height of Water Column (ft):	94.09	feet		

Purging and Sampling Details

Purging Method:	Conventional 3" Grundfos
Purge Times:	9:03 to 10:25
Sampling Time:	10:30
Analytical Parameters:	VO+10, BN+15, TPHC

	Before Purge	Before Sampling	Notes:
Time	9:03	10:24	The purge water is brown with high turbidity. At 9:30 turbidity increased greatly and cleared by 1(
Depth to Water (ft.)	105.91	108.52	
pH (SU)	ERROR	ERROR	There was an error with the pH probe, appeared to be a piece of sediment.
Temp. (^oC)	15.20	15.10	
DO (mg/l)	11.81	3.80	
Cond. (S/cm)	0.703	0.703	
Turbidity (Ntu)	999.0	102.0	
ORP (mV)	279	136	
Est. Purge Vol. (gal.)	737.00		
Average Purge Rate (gal/min.)	7.50		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW24

Date: 5/7/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: S. McCray, P Kies

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	8	inches	Volume of Standing Water (gal):	88.74 gallons
Depth to Water (ft):	116	feet		
Depth to Bottom (ft):	150	feet	Minimum Volume to be Purged (gal):	266.22 gallons
Height of Water Column (ft):	34	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	13:57 to 15:43
Sampling Time:	15:55
Analytical Parameters:	VOC, TPHC

	Before Purge	Before Sampling	Notes:
Time	13:56	15:43	
Depth to Water (ft.)	116.00	116.00	
pH (SU)	6.91	6.86	
Temp. (^oC)	21.79	18.88	
DO (mg/l)	8.38	9.67	
Cond. (S/cm)	2.05	1.95	
Turbidity (Ntu)	-10.0	-10.0	
ORP (mV)	178	169	
Est. Purge Vol. (gal.)	270.00		
Average Purge Rate (gal/min.)	2.50		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW27

Date: 5/9/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: S. McCray, P Kies

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? Yes No

2) Was structural integrity good? Yes No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes No

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	56.92 gallons
Depth to Water (ft):	102.05	feet		
Depth to Bottom (ft):	140	feet	Minimum Volume to be Purged (gal):	170.76 gallons
Height of Water Column (ft):	37.95	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	13:27 to 14:27
Sampling Time:	14:40
Analytical Parameters:	VOC, TPHC, BN+15

	Before Purge	Before Sampling	Notes:
Time	13:26	14:28	Water clear, colorless throughout purge.
Depth to Water (ft.)	102.05	102.05	
pH (SU)	6.61	7.65	
Temp. (^oC)	14.02	13.28	
DO (mg/l)	9.84	9.19	
Cond. (S/cm)	0.738	0.727	
Turbidity (Ntu)	-10.0	26.9	
ORP (mV)	160	155	
Est. Purge Vol. (gal.)	~80		
Average Purge Rate (gal/min.)	-		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW29

Date: 5/8/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: B. Sweeney, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	23.03 gallons
Depth to Water (ft):	84.33	feet		
Depth to Bottom (ft):	100	feet	Minimum Volume to be Purged (gal):	62 gallons
Height of Water Column (ft):	15.67	feet		

Purging and Sampling Details

Purging Method:	Conventional 3" Grundfos
Purge Times:	14:50 to 15:10
Sampling Time:	15:20
Analytical Parameters:	VOC+10, TPHC, BN+15

	Before Purge	Before Sampling	Notes:
Time	14:50	15:10	Purge water is yellowbrown and remained that color during the entire purge.
Depth to Water (ft.)	84.33	86.66	Appears the well caved in around 100'.
pH (SU)	ERROR	ERROR	There was an error with the pH probe, appeared to be a piece of sediment.
Temp. (^oC)	19.10	18.30	
DO (mg/l)	5.45	5.47	
Cond. (S/cm)	0.819	0.781	
Turbidity (Ntu)	388.0	709.0	
ORP (mV)	-7	-11	
Est. Purge Vol. (gal.)	62.0		
Average Purge Rate (gal/min.)	4.50		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW30

Date: 5/10/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: B. Sweeney, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	60 gallons
Depth to Water (ft):	58.12	feet		
Depth to Bottom (ft):	100	feet	Minimum Volume to be Purged (gal):	180 gallons
Height of Water Column (ft):	41.88	feet		

Purging and Sampling Details

Purging Method:	Conventional 3" Grundfos
Purge Times:	8:23 to 8:43
Sampling Time:	8:50
Analytical Parameters:	VO+10, TPHC, Metals

	Before Purge	Before Sampling	Notes:
Time	8:23	8:44	
Depth to Water (ft.)	58.12	61.36	
pH (SU)	2.77	3.25	
Temp. (^oC)	14.30	14.20	
DO (mg/l)	13.05	14.03	
Cond. (S/cm)	0.745	0.533	
Turbidity (Ntu)	220.0	383.0	
ORP (mV)	191	163	
Est. Purge Vol. (gal.)	180.0		
Average Purge Rate (gal/min.)	9.0		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW31

Date: 5/9/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: B. Sweeney, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	91.14 gallons
Depth to Water (ft):	112.96	feet		
Depth to Bottom (ft):	175	feet	Minimum Volume to be Purged (gal):	273.42 gallons
Height of Water Column (ft):	62.04	feet		

Purging and Sampling Details

Purging Method:	Conventional 3" Grundfos
Purge Times:	10:20 to 10:45
Sampling Time:	11:00 & 11:05
Analytical Parameters:	VO+10, TPHC, BN+15, Metals

	Before Purge	Before Sampling	Notes:
Time	10:14	10:45	Collected duplicated sample called MW-31P.
Depth to Water (ft.)	112.96	158.80	
pH (SU)	4.32	4.41	
Temp. (^oC)	14.40	13.70	
DO (mg/l)	10.49	9.57	
Cond. (S/cm)	1.89	1.41	
Turbidity (Ntu)	108.0	78.0	
ORP (mV)	110	115	
Est. Purge Vol. (gal.)	273.0		
Average Purge Rate (gal/min.)	6.0		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW32

Date: 5/8/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: P. Kies, C. Campbell

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	21.97 gallons
Depth to Water (ft):	116.35	feet		
Depth to Bottom (ft):	131	feet	Minimum Volume to be Purged (gal):	65.91 gallons
Height of Water Column (ft):	14.65	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	14:42 to 15:10
Sampling Time:	15:20
Analytical Parameters:	VOC, TPHC

	Before Purge	Before Sampling	Notes:
Time	14:42	15:11	
Depth to Water (ft.)	116.35	116.35	
pH (SU)	7.78	7.63	
Temp. (^oC)	23.36	17.13	
DO (mg/l)	8.11	9.46	
Cond. (S/cm)	0.778	0.777	
Turbidity (Ntu)	123.0	201.0	
ORP (mV)	155	310	
Est. Purge Vol. (gal.)	67.0		
Average Purge Rate (gal/min.)	2.5		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW33A

Date: 5/1/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: P. Kies, C. Campbell

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	37.12 gallons
Depth to Water (ft):	105.25	feet		
Depth to Bottom (ft):	125	feet	Minimum Volume to be Purged (gal):	111.36 gallons
Height of Water Column (ft):	24.75	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	9:15 to 10:15
Sampling Time:	10:30
Analytical Parameters:	VOCs, Metals, TPHC

	Before Purge	Before Sampling	Notes:
Time	9:14	9:15	Purge water is clear with no odor.
Depth to Water (ft.)	105.25	105.25	
pH (SU)	6.71	7.47	
Temp. (^oC)	14.23	15.93	
DO (mg/l)	9.92	10.46	
Cond. (S/cm)	1.14	1.06	
Turbidity (Ntu)	234.0	638.0	
ORP (mV)	176	172	
Est. Purge Vol. (gal.)	120.0		
Average Purge Rate (gal/min.)	2.0		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW34

Date: 5/1/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: P. Kies, C. Campbell

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? Yes No

2) Was structural integrity good? Yes No

3) Were any unusual conditions observed?

(i.e. **odors**, staining, unusual site activities, etc.)

Yes No

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	24.88 gallons
Depth to Water (ft):	106.41	feet		
Depth to Bottom (ft):	123	feet	Minimum Volume to be Purged (gal):	74.64 gallons
Height of Water Column (ft):	16.59	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	13:40 to 14:20
Sampling Time:	14:30
Analytical Parameters:	VO+10, TPHC, Metals

	Before Purge	Before Sampling	Notes:
Time	13:40	14:21	There is a slight petroleum odor coming off the well.
Depth to Water (ft.)	106.41	106.41	
pH (SU)	7.54	7.32	
Temp. (^oC)	17.44	17.40	
DO (mg/l)	10.25	11.40	
Cond. (S/cm)	0.940	0.681	
Turbidity (Ntu)	-10.0	-10.0	
ORP (mV)	230	202	
Est. Purge Vol. (gal.)	80.0		
Average Purge Rate (gal/min.)	2.0		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW35

Date: 5/2/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: P. Kies, B. Sweeney

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? Yes No

2) Was structural integrity good? Yes No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes No

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	57.13 gallons
Depth to Water (ft):	106.91	feet		
Depth to Bottom (ft):	145	feet	Minimum Volume to be Purged (gal):	171.34 gallons
Height of Water Column (ft):	38.09	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	11:30 to 12:30
Sampling Time:	12:40
Analytical Parameters:	VO+10, TPHC, Metals

	Before Purge	Before Sampling
Time	11:29	12:31
Depth to Water (ft.)	106.91	107.03
pH (SU)	7.10	7.18
Temp. (^oC)	12.12	12.87
DO (mg/l)	8.05	8.83
Cond. (S/cm)	0.665	0.659
Turbidity (Ntu)	12.8	30.3
ORP (mV)	199	251
Est. Purge Vol. (gal.)	200.0	
Average Purge Rate (gal/min.)	2.8	
PID (ppm)	ND	ND

Notes:

The purge water was clear and contained no obvious odor or sediment.

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW36

Date: 5/6/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: P. Kies, C. Campbell

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	66.54 gallons
Depth to Water (ft):	105.64	feet		
Depth to Bottom (ft):	150	feet	Minimum Volume to be Purged (gal):	199.62 gallons
Height of Water Column (ft):	44.36	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	12:49 to 15:00
Sampling Time:	15:15
Analytical Parameters:	VOC, TPHC, Metals

	Before Purge	Before Sampling	Notes:
Time	12:49	15:00	Large amount of sediment, light brown in purge water and sample.
Depth to Water (ft.)	105.64	111.81	
pH (SU)	7.49	7.93	
Temp. (^oC)	16.08	15.44	
DO (mg/l)	11.84	12.85	
Cond. (S/cm)	0.569	0.554	
Turbidity (Ntu)	-10.0	932.0	
ORP (mV)	164	166	
Est. Purge Vol. (gal.)	200.0		
Average Purge Rate (gal/min.)	1.54		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW37

Date: 4/30/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: P. Kies, S. McCray

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	61.78 gallons
Depth to Water (ft):	58.81	feet		
Depth to Bottom (ft):	100	feet	Minimum Volume to be Purged (gal):	185.34 gallons
Height of Water Column (ft):	41.19	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	9:50 to 11:05
Sampling Time:	11:20
Analytical Parameters:	VOC, Metals, TPHC

	Before Purge	Before Sampling	Notes:
Time	9:50	11:05	
Depth to Water (ft.)	58.81	-	
pH (SU)	9.61	7.38	
Temp. (^oC)	12.52	13.78	
DO (mg/l)	10.39	9.09	
Cond. (S/cm)	0.489	0.578	
Turbidity (Ntu)	7.9	7.8	
ORP (mV)	69	109	
Est. Purge Vol. (gal.)	195.00		
Average Purge Rate (gal/min.)	3.0		
PID (ppm)	-	-	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW38

Date: 4/30/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: S. McCray, P. Kies

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	83.4 gallons
Depth to Water (ft):	83.4	feet		
Depth to Bottom (ft):	139	feet	Minimum Volume to be Purged (gal):	250.2 gallons
Height of Water Column (ft):	55.6	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	12:10 to 14:20
Sampling Time:	14:45
Analytical Parameters:	VOC, Metals, TPHC

	Before Purge	Before Sampling	Notes:
Time	12:10	14:20	
Depth to Water (ft.)	83.40	103.00	
pH (SU)	7.78	-	
Temp. (^oC)	13.23	-	
DO (mg/l)	11.81	-	
Cond. (S/cm)	0.503	-	
Turbidity (Ntu)	61.7	-	
ORP (mV)	181	-	
Est. Purge Vol. (gal.)	185.00		
Average Purge Rate (gal/min.)	1.50		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW39

Date: 5/8/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: P. Kies, C. Campbell

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? Yes No

2) Was structural integrity good? Yes No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes No

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	72.3 gallons
Depth to Water (ft):	101.7	feet		
Depth to Bottom (ft):	150	feet	Minimum Volume to be Purged (gal):	216.9 gallons
Height of Water Column (ft):	48.2	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	8:38 to 9:52
Sampling Time:	10:30
Analytical Parameters:	VOC, Metals, TPHC

	Before Purge	Before Sampling	Notes:
Time	8:38	9:53	* MW39 ran dry. Let the well recharge and then sampled.
Depth to Water (ft.)	101.70	127.81	The purge water was light brown with a high sediment content.
pH (SU)	5.95	7.61	
Temp. (^oC)	12.93	14.87	
DO (mg/l)	10.88	12.88	
Cond. (S/cm)	0.467	0.447	
Turbidity (Ntu)	71.8	999.0	
ORP (mV)	269	154	
Est. Purge Vol. (gal.)	74.0		
Average Purge Rate (gal/min.)	1.0		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW40

Date: 5/3/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: P. Kies, C. Campbell

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	62.04 gallons
Depth to Water (ft):	98.64	feet		
Depth to Bottom (ft):	140	feet	Minimum Volume to be Purged (gal):	186.12 gallons
Height of Water Column (ft):	41.36	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	14:15 to 15:17
Sampling Time:	15:25
Analytical Parameters:	VOCs, TPHC

	Before Purge	Before Sampling	Notes:
Time	14:15	15:17	
Depth to Water (ft.)	98.64	98.85	
pH (SU)	7.02	7.21	
Temp. (^oC)	17.06	14.93	
DO (mg/l)	6.39	6.62	
Cond. (S/cm)	0.963	0.953	
Turbidity (Ntu)	-5.1	6.0	
ORP (mV)	54	18	
Est. Purge Vol. (gal.)	186.0		
Average Purge Rate (gal/min.)	3.0		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW41

Date: 5/10/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: B. Sweeney, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	81 gallons
Depth to Water (ft):	95.56	feet		
Depth to Bottom (ft):	150	feet	Minimum Volume to be Purged (gal):	243 gallons
Height of Water Column (ft):	54.44	feet		

Purging and Sampling Details

Purging Method:	Conventional - 3" Grundfos
Purge Times:	9:30 to 10:02
Sampling Time:	10:20
Analytical Parameters:	VO+10, TPHC

	Before Purge	Before Sampling
Time	9:30	10:03
Depth to Water (ft.)	95.56	98.96
pH (SU)	2.99	3.14
Temp. (^oC)	15.90	16.00
DO (mg/l)	13.14	13.67
Cond. (S/cm)	1.400	1.250
Turbidity (Ntu)	56.9	999
ORP (mV)	166	158
Est. Purge Vol. (gal.)	243.0	
Average Purge Rate (gal/min.)	7.5	
PID (ppm)	ND	ND

Notes:

Purge water was clear in the beginning and has become light brown with high turbidity at about 9:43.

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW42

Date: 5/3/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: P. Kies, C. Campbell

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	43.2 gallons
Depth to Water (ft):	96.2	feet		
Depth to Bottom (ft):	125	feet	Minimum Volume to be Purged (gal):	129.6 gallons
Height of Water Column (ft):	28.8	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	8:40 to 9:45
Sampling Time:	9:55
Analytical Parameters:	VO+10, TPHC

	Before Purge	Before Sampling	Notes:
Time	8:40	9:55	The purge water is clear with no odor
Depth to Water (ft.)	96.20	96.20	
pH (SU)	6.49	7.19	
Temp. (^oC)	13.47	12.22	
DO (mg/l)	10.44	9.43	
Cond. (S/cm)	0.950	0.554	
Turbidity (Ntu)	167.0	255.0	
ORP (mV)	169	160	
Est. Purge Vol. (gal.)	130.0		
Average Purge Rate (gal/min.)	2.0		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW43A

Date: 5/3/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: P. Kies, C. Campbell

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	4	inches	Volume of Standing Water (gal):	7.31 gallons
Depth to Water (ft):	91.25	feet		
Depth to Bottom (ft):	102.45	feet	Minimum Volume to be Purged (gal):	21.93 gallons
Height of Water Column (ft):	11.2	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	12:50 to 13:15
Sampling Time:	13:25
Analytical Parameters:	VOC, TPHC

	Before Purge	Before Sampling	Notes:
Time	12:50	13:25	
Depth to Water (ft.)	91.25	91.20	
pH (SU)	7.00	7.47	
Temp. (^oC)	16.16	14.45	
DO (mg/l)	8.67	7.22	
Cond. (S/cm)	0.501	0.516	
Turbidity (Ntu)	-10.0	91.5	
ORP (mV)	173	263	
Est. Purge Vol. (gal.)	25.0		
Average Purge Rate (gal/min.)	1.0		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW44

Date: 5/2/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: B. Sweeney, P. Kies

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	10.9 gallons
Depth to Water (ft):	92.73	feet		
Depth to Bottom (ft):	98	feet	Minimum Volume to be Purged (gal):	32.7 gallons
Height of Water Column (ft):	5.27	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	13:40 to 14:15
Sampling Time:	14:30
Analytical Parameters:	VOC, TPHC

	Before Purge	**Before Sampling**	**Notes:**
Time	13:40	14:16	The sample water was yellow.
Depth to Water (ft.)	92.73	92.73	
Temp. (^oC)	7.17	7.30	
Temp. (oC)	13.41	13.78	
DO (mg/l)	8.00	8.61	
Cond. (S/cm)	0.6	0.6	
Turbidity (Ntu)	114	944	
ORP (mV)	234.00	218.00	
Average Purge Rate (gal/min.)	35.0		
Purge Rate (gal/min.)	1.0		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: MW45

Date: 5/3/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: C. Campbell, P. Kiess

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? Yes No

2) Was structural integrity good? Yes No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes No

Well Data and Volume Calculations

Well Diameter (in):	4	inches	Volume of Standing Water (gal):	9.65 gallons
Depth to Water (ft):	57.51	feet		
Depth to Bottom (ft):	72.3	feet	Minimum Volume to be Purged (gal):	28.98 gallons
Height of Water Column (ft):	14.79	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	10:30 to 10:45
Sampling Time:	10:55
Analytical Parameters:	VO+10, TPHC

	Before Purge	Before Sampling	Notes:
Time	10:30	10:46	The purge water is very turbid, yellow, with no odor.
Depth to Water (ft.)	57.51	59.35	
pH (SU)	7.25	6.46	
Temp. (^oC)	14.35	14.25	
DO (mg/l)	8.95	10.44	
Cond. (S/cm)	0.357	0.350	
Turbidity (Ntu)	692.0	over 999	
ORP (mV)	181	177	
Est. Purge Vol. (gal.)	32.0		
Average Purge Rate (gal/min.)	1.5		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: RW07

Date: 5/10/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: B. Sweeney, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	8	inches	Volume of Standing Water (gal):	105	gallons
Depth to Water (ft):	88.36	feet			
Depth to Bottom (ft):	175	feet	Minimum Volume to be Purged (gal):	315	gallons
Height of Water Column (ft):	86.64	feet			

Purging and Sampling Details

Purging Method:	Conventional 3" Grundfos
Purge Times:	10:50 to 11:32
Sampling Time:	No sample
Analytical Parameters:	VO+10, TPHC, BN+15

	Before Purge	Before Sampling	Notes:
Time	10:50	11:32	The purge water clear with low turbidity and moderate odor.
Depth to Water (ft.)	88.36	88.56	The bottom half of tubing was covered in thick product, so no sample collected.
pH (SU)	4.41	4.20	No product was detected during the purge.
Temp. (^oC)	17.70	16.20	
DO (mg/l)	11.50	10.19	
Cond. (S/cm)	0.467	0.415	
Turbidity (Ntu)	83.8	527.0	
ORP (mV)	-17	-13	
Est. Purge Vol. (gal.)	315.0		
Average Purge Rate (gal/min.)	7.5		
PID (ppm)	0.00	0.0	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: RW09

Date: 5/1/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: J. Senhisen, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	8	inches	Volume of Standing Water (gal):	345.96	gallons
Depth to Water (ft):	63.45	feet			
Depth to Bottom (ft):	196	feet	Minimum Volume to be Purged (gal):	1037.88	gallons
Height of Water Column (ft):	132.55	feet			

Purging and Sampling Details

Purging Method:	Conventional - Grundfos Pump
Purge Times:	9:32 to 9:39
Sampling Time:	No sample
Analytical Parameters:	-

	Before Purge	Before Sampling	Notes:
Time	9:33	-	Odor when soakease was removed also odor from the water with a sheen.
Depth to Water (ft.)	63.45	-	The PID at well read zero, but in can with the purge water is 1.5 ppm.
pH (SU)	10.24	-	
Temp. (^oC)	17.50	-	
DO (mg/l)	4.21	-	
Cond. (S/cm)	0.828	-	
Turbidity (Ntu)	74.7	-	
ORP (mV)	-74	-	
Est. Purge Vol. (gal.)	-		
Average Purge Rate (gal/min.)	5.0		
PID (ppm)	ND	-	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: RW10

Date: 5/9/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: B. Sweeney, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? Yes No

2) Was structural integrity good? Yes No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes No

Well Data and Volume Calculations

Well Diameter (in):	8	inches	Volume of Standing Water (gal):	155 gallons
Depth to Water (ft):	110.46	feet		
Depth to Bottom (ft):	170	feet	Minimum Volume to be Purged (gal):	465 gallons
Height of Water Column (ft):	59.54	feet		

Purging and Sampling Details

Purging Method:	Conventional - 3" Grundfos
Purge Times:	8:42 to 9:19
Sampling Time:	13:00
Analytical Parameters:	VO+10, TPHC

	Before Purge	Before Sampling	Notes:
Time	8:42	12:59	The purge water is clear with no odor. The well ran dry at 9:19.
Depth to Water (ft.)	110.46	161.03	DTW: 170 @ 11:26
pH (SU)	4.07	4.13	
Temp. (^oC)	15.30	15.10	
DO (mg/l)	3.67	3.80	
Cond. (S/cm)	1.590	1.510	
Turbidity (Ntu)	211.0	109.0	
ORP (mV)	164	134	
Est. Purge Vol. (gal.)	277.0		
Average Purge Rate (gal/min.)	7.5		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: RW11

Date: 5/8/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: B. Sweeney, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	8	inches	Volume of Standing Water (gal):	243.8	gallons
Depth to Water (ft):	81.59	feet			
Depth to Bottom (ft):	175	feet	Minimum Volume to be Purged (gal):	731.4	gallons
Height of Water Column (ft):	93.4	feet			

Purging and Sampling Details

Purging Method:	Conventional - 3" Grundfos
Purge Times:	12:30 to 12:35
Sampling Time:	14:10
Analytical Parameters:	VO+10, BN+15, TPHC, Metals

	Before Purge	Before Sampling
Time	12:30	13:55
Depth to Water (ft.)	81.59	130.60
pH (SU)	ERROR	ERROR
Temp. (^oC)	18.80	19.70
DO (mg/l)	7.85	5.87
Cond. (S/cm)	0.891	1.140
Turbidity (Ntu)	41.3	93.6
ORP (mV)	148	138
Est. Purge Vol. (gal.)	700.0	
Average Purge Rate (gal/min.)	9.0	
PID (ppm)	ND	ND

Notes:

Other purge times: 12:40 to 12:55, 13:02 to 13:55 due to continues drawn of the well and readjustment of the pump.

The purge water is clear with no odor and low turbidity.

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: RW13

Date: 5/3/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: J. Senchisen, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? Yes No

2) Was structural integrity good? Yes No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes No

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	89.95 gallons
Depth to Water (ft):	108.81	feet		
Depth to Bottom (ft):	170	feet	Minimum Volume to be Purged (gal):	269.85 gallons
Height of Water Column (ft):	61.19	feet		

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	9:11 to 9:35
Sampling Time:	13:18
Analytical Parameters:	VO+10, TPHC

	Before Purge	Before Sampling	Notes:
Time	9:11	13:18	Other purge times: 10:00 to 12:20. Due to the broken control box for he waste pump.
Depth to Water (ft.)	108.81	120.65	The purge water is clear with low turbidity.
pH (SU)	12.05	11.86	
Temp. (^oC)	15.40	16.20	
DO (mg/l)	11.25	9.70	
Cond. (S/cm)	0.705	0.863	
Turbidity (Ntu)	47.8	53.1	
ORP (mV)	53	88	
Est. Purge Vol. (gal.)	270.0		
Average Purge Rate (gal/min.)	2.0		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: RW14

Date: 5/10/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: P. Kies, C. Campbell

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? Yes No

2) Was structural integrity good? Yes No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes No

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	84.18	gallons
Depth to Water (ft):	113.88	feet			
Depth to Bottom (ft):	170	feet	Minimum Volume to be Purged (gal):	252.54	gallons
Height of Water Column (ft):	56.12	feet			

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	8:15 to 9:18
Sampling Time:	9:30
Analytical Parameters:	VO+10, TPHC

	Before Purge	Before Sampling	Notes:
Time	8:14	9:19	Purged water had high levels of suspended solids and water color is light brown.
Depth to Water (ft.)	113.88	113.88	
pH (SU)	7.63	7.96	
Temp. (^oC)	15.19	15.22	
DO (mg/l)	8.34	9.89	
Cond. (S/cm)	0.692	0.687	
Turbidity (Ntu)	459.0	416.0	
ORP (mV)	21	77	
Est. Purge Vol. (gal.)	253.00		
Average Purge Rate (gal/min.)	4.00		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: RW15

Date: 5/2/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: E. Egan, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	76.6	gallons
Depth to Water (ft):	110.89	feet			
Depth to Bottom (ft):	163	feet	Minimum Volume to be Purged (gal):	229.8	gallons
Height of Water Column (ft):	52.11	feet			

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	9:10 to 10:45
Sampling Time:	No sample
Analytical Parameters:	VO+10, TPHC, BN+15

	Before Purge	Before Sampling
Time	9:09	10:45
Depth to Water (ft.)	110.89	149.03
pH (SU)	12.45	11.78
Temp. (^oC)	13.90	16.90
DO (mg/l)	10.33	13.39
Cond. (S/cm)	1.060	1.060
Turbidity (Ntu)	7.1	16.5
ORP (mV)	144	103
Est. Purge Vol. (gal.)	230.0	
Average Purge Rate (gal/min.)	10.0	
PID (ppm)	1.70	0.9

Notes:

The pump is covered in product. The interface didn't detect product, but is also thickly covered. No sample collected due to product.

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: RW16

Date: 5/2/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: E. Egan, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	8	inches	Volume of Standing Water (gal):	83.6	gallons
Depth to Water (ft):	114.98	feet			
Depth to Bottom (ft):	147	feet	Minimum Volume to be Purged (gal):	250.8	gallons
Height of Water Column (ft):	32.02	feet			

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	12:56 to 15:01
Sampling Time:	No sample
Analytical Parameters:	-

	Before Purge	Before Sampling	Notes:
Time	12:56	-	Well went dry at 14:27
Depth to Water (ft.)	114.98	-	Product detected in purge water no sample collected.
pH (SU)	12.15	-	
Temp. (^oC)	14.70	-	
DO (mg/l)	6.85	-	
Cond. (S/cm)	1.070	-	
Turbidity (Ntu)	49.2	-	
ORP (mV)	-149	-	
Est. Purge Vol. (gal.)	-		
Average Purge Rate (gal/min.)	-		
PID (ppm)	0.00	-	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: TH36

Date: 5/9/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.4

Personnel: B. Sweeney, G. Mattes

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	67 gallons
Depth to Water (ft):	74.06	feet		
Depth to Bottom (ft):	120	feet	Minimum Volume to be Purged (gal):	201 gallons
Height of Water Column (ft):	44.94	feet		

Purging and Sampling Details

Purging Method:	Conventional 3" Grundfos
Purge Times:	12:52 to 13:03
Sampling Time:	13:55
Analytical Parameters:	VO+10, BN+15, TPHC, Metals

	Before Purge	Before Sampling
Time	12:52	13:15
Depth to Water (ft.)	74.06	115.64
pH (SU)	4.12	3.72
Temp. (^oC)	17.00	15.00
DO (mg/l)	12.77	13.32
Cond. (S/cm)	0.707	0.699
Turbidity (Ntu)	157.0	164.0
ORP (mV)	114	152
Est. Purge Vol. (gal.)	82.00	
Average Purge Rate (gal/min.)	7.50	
PID (ppm)	ND	ND

Notes:

The purge water is gray and became clear after a few gallonswith no odor.

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.

Groundwater Purging and Sampling Field Log

Well ID #: THWLS

Date: 5/10/02

Site Location: Ingersoll Rand - Phillipsburg, New Jersey

Street Address: 942 Memorial Parkway **City**: Phillipsburg **State**: NJ

Client Name: Ingersoll Rand **Project Number**: 03710-153-2.11

Personnel: P. Kies, C. Campbell

SITE OBSERVATIONS (circle)

1) Was well locked upon arrival? (Yes) No

2) Was structural integrity good? (Yes) No

3) Were any unusual conditions observed?

(i.e. odors, staining, unusual site activities, etc.)

Yes (No)

Well Data and Volume Calculations

Well Diameter (in):	6	inches	Volume of Standing Water (gal):	20.25	gallons
Depth to Water (ft):	113.4	feet			
Depth to Bottom (ft):	127	feet	Minimum Volume to be Purged (gal):	60.75	gallons
Height of Water Column (ft):	13.5	feet			

Purging and Sampling Details

Purging Method:	Conventional
Purge Times:	11:37 to 11:47
Sampling Time:	-
Analytical Parameters:	VOC, TPHC, BN+15

	Before Purge	Before Sampling	Notes:
Time	11:37	-	Well ran dry at 11:47.
Depth to Water (ft.)	113.40	-	Product was detected in the equipment and no sample was collected.
pH (SU)	7.48	-	
Temp. (^oC)	17.00	-	
DO (mg/l)	9.81	-	
Cond. (S/cm)	0.912	-	
Turbidity (Ntu)	316.0	-	
ORP (mV)	-82	-	
Est. Purge Vol. (gal.)	20.0		
Average Purge Rate (gal/min.)	2.0		
PID (ppm)	ND	ND	

Volume Conversion Factors: 2" - x 0.16 gallons per linear foot, 4" - x 0.65, 6" - x 1.47, 8" - x 2.61, 10" -x4.080, 12" -x5.875, and 14" -x8.00.