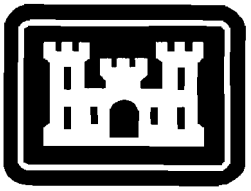
RIDER

GROUNDWATER DATA BASE AND PLUME MODELING REPORT FOR THE CLAREMONT POLYCHEMICAL SUPERFUND SITE

DRAFT – FOR REVIEW AND COMMENT

OLD BETHPAGE, NEW YORK

December 2005



Prepared for:
United States Army Corps of Engineers, Kansas City District

Prepared by:
Science Applications International Corporation
Under Contract No. DACW41-02-D-005, Task Order No. 0002

TABLE OF CONTENTS

List of Tables

List of Figures

List of Appendices

ABBREVIATIONS/ACRONYMS

amsl	above mean sea level
ASTM	American Society for Testing Materials
BGS	below ground surface
Claremont	Claremont Polychemical Corporation
CENWK	Kansas City District
K	Conductivity
CPSS	Claremont Polychemical Superfund Site
DMP	Data Management Plan
DNAPL	dense nonaqueous phase liquids
EDD	Electronic Data Deliverables
gpd/ft	gallons per day per foot
GWTS	Groundwater Treatment System
Kd	Equilibrium Distribution Coefficient
Koc	Organic Carbon Partition Coefficient
LTRA	Long-Term Response Action
MEDD	Multimedia Electronic Data Deliverable
ml/g	milliliter per gram
MT3DMS	Modular Three-Dimensional Multispecies Transport Model
NPL	National Priorities List
PDF	Adobe Portable Document Format
R	Recharge
SAIC	Science Applications International Corporation
TCE	Trichloroethylene
T	Transmissivity
ug/L	Micrograms Per Liter
USACE	U.S. Army Corps of Engineers
USEPA	U.S. Environmental Protection Agency
USGS	U.S. Geological Survey

1.0 DEVELOPMENT OF THE GROUNDWATER DATABASE

Historical and currently collected aquifer characteristic data, groundwater elevation, and groundwater chemistry data has been compiled into a data base able to be accessed by approved users. The objective of the database management project was:

- Compile the critical groundwater data available from the Claremont Polychemical, Nassau County, and Town of Oyster Bay groundwater remediation programs into a comprehensive regional groundwater database.
- Configure the database to be readily accessible and usable by others and other parties.
- Develop standardized data query and analysis functions to promote utility of the data by database users.
- Perform initial statistical and spatial analysis of the data in support of optimization of the individual and combined regional groundwater management programs.
- Provide protocols and mechanisms to support ongoing database management and query functions.

The approach to the development of, and resultant characteristics of the database are provided in this section of the report. This report section constitutes the Data Management Plan and associated deliverables as detailed in Science Application International Corporation's (SAIC's) proposal for Development and Initial Analysis of a regional Groundwater Database, Claremont Polychemical Site, old Bethpage, NY (Revised May 20, 2004) under contract DACW41-02-D-0006-0002.

This Data Management Plan (DMP) summarizes the methods and processes for management of hydrogeologic data and groundwater analytical results associated with long-term groundwater monitoring at the Claremont Polychemical Superfund Site (CPSS), Old Bethpage, New York. The DMP details how groundwater data available from the Claremont Polychemical, Nassau County, and the Town of Oyster Bay groundwater remediation programs were compiled into a comprehensive regional groundwater database. To facilitate access to this data, a website was constructed to allow interested parties to query, view, and download data. This DMP also describes the functionality of the website www.claremontpolychemical.com.

1.1 Site Background

The Claremont Polychemical Superfund Site is located on a 9.5-acre parcel of land in the industrial section of Old Bethpage, Nassau County, New York. The site lies approximately 800 feet east of the border between Nassau and Suffolk County, and is accessed via Winding Road on the property's western border. The CPSS property includes one large two-story building, covering approximately 35,000 square feet (the former processing plant) and a smaller water treatment building with ancillary structures.

The Claremont Polychemical Corporation (Claremont) operated from 1966 to 1980 and was a former manufacturer of pigments for plastics and inks, coated metal flakes, and vinyl stabilizers.

In 1979, State Inspectors identified releases associated with damaged or mishandled drums in several areas including one larger release located east of the plant building (referred to as the "spill area") and the drums were removed 1980. Ownership and site management were transferred to the New York Bankruptcy Court later that year but the petition was eventually dismissed in 1997 transferring ownership back to Claremont. By June 1986, the Claremont Polychemical Site was placed on the U.S. Environmental Protection Agency's (USEPA) National Priorities List (NPL) and is currently being addressed through federal actions.

Following a number of investigations and removal actions, construction began on a groundwater treatment system (GWTS) designed to capture most of the on-site contamination in 1997. The system went into full-scale operation in February 2000. In February 2000, the long-term response action (LTRA) services for this site began under a USACE contract action as directed by the Kansas City District (CENWK). Region II requires these services for nine years or until February 2010.

There are two other ongoing groundwater extraction and monitoring programs in the area. These include a groundwater remediation program being performed by Nassau County in relation to a groundwater plume thought to be originating from the Fireman's Training Center, and a groundwater remediation program being performed by the Town of Oyster Bay in relation to a groundwater plume thought to be originating from the Old Bethpage Landfill.

Interpretations of the data collected under the Claremont Polychemical and Nassau County programs indicate that there may be hydrogeologic interrelationships between the three ongoing groundwater extraction and plume monitoring programs. Groundwater monitoring at additional locations and depths may be required to adequately define regional groundwater plume conditions. Further definition of regional plume characteristics will allow a reevaluation of the adequacy and efficiency of the three groundwater extraction systems. This approach to groundwater management may suggest opportunities for operating the three systems in consideration of the regional picture so that the total effectiveness and efficiency of the three programs are optimized.

Addressing the regional groundwater issue will require analysis and interpretation of information collected and being collected under the three programs. As of mid-2004, the data collected by the three parties had not been compiled into a comprehensive database or evaluated in a comprehensive fashion. To effectively pull the disparate data together, a set of standards and data structure needed to be defined.

1.2 Data Format Standards

In April 2005, CENWK selected the Multimedia Electronic Data Deliverable (MEDD) standards published by USEPA Region II as the data format standard for Claremont database. The MEDD standards streamline the electronic submittal and review of environmental sampling data by providing detailed transmission, reporting, and storage formats.

Labs, contractors, and agencies involved in the collection, validation, analysis, and storage of Claremont regional hydrogeologic and analytical groundwater data should adhere to the MEDD

standards. The MEDD User Manual, data dictionary, and tables of valid values are available on the USEPA Region II website @ http://www.epa.gov/region2/superfund/medd.htm. The descriptive information provided at this website is incorporated by reference into this report as a full description of the data format standards of the database utilized under this project.

1.3 Data Compilation

Since the data standards were recently defined, most historic Claremont data was not in MEDD compliant format. Therefore, SAIC, under contract with CENWK, converted the available historic analytical data into a MEDD compliant data structure. Available hardcopy and electronic well and bore logs were converted to Adobe Portable Document Format (PDF). Table A-1 (Appendix A) describes the analytical groundwater data compiled to date. Table A-2 inventories the logs converted to date.

1.3.1 Electronic Data Deliverables (EDD)

Contractors and agencies requesting chemical analysis of samples, and laboratories providing analytical results for the Claremont project, should adhere to the MEDD standards. Contractors, agencies, and labs may use the freely available EDD compliance checking tool from EarthSoft to ensure the accuracy and completeness of their data deliverables. EarthSoft's EDD compliance checking tool is available for download on the USEPA Region II website here: http://www.epa.gov/region2/superfund/medd.htm.

1.3.2 Load Data

EDDs are processed by the Data Manager. The processing of EDD's involves the checking of submittals against the MEDD standards and processing of data into the database via automated scripts. Data that is determined to be compliant with the MEDD standards and data structure are processed into the appropriate tables in the database. Those deliverables or data determined to be non-compliant with MEDD standards are processed into "kick-out" tables. The Data Manager then determines whether to reject the deliverable, or to remedy the non-compliant items. Only the Data Manager has write access to the Claremont database.

1.3.3 Data Security and Backup Solution

The Claremont database is hosted in Microsoft SQL Server by SAIC. Physical access to the data and web servers is limited by badged access to the host facility, and keyed access to the server room. Permissions to access data on the data server are granted through leasing (i.e. - users are granted only those permissions necessary) to minimize the security footprint. SAIC host servers and infrastructure make use of monitoring hardware and software to ensure optimal uptime, security, and performance.

The Claremont database is backed up daily on a rotating two week cycle. Rotating monthly backups are preserved on firm media and kept at an offsite facility.

1.4 Website

The www.claremontpolychemical.com website was created to allow interested parties to access the compiled groundwater data. Access to the website is granted via standard user login accounts (username and password). While the information hosted on this website is public domain, the use of login accounts allows for the tracking of site usage metrics. Website login accounts have been created for CENWK, the Town of Oyster Bay, Nassau County, USEPA, and SAIC. Requests for additional login accounts will be directed to the CENWK Claremont Project Manager.

The website hosts a Data Viewer application, which allows for the querying, display, and download of available data. The Data Viewer application is organized into three main sections – Filter, Pick Samples, and View Results.

1.4.1 Filter

The Filter page allows the user to build queries and select only those samples or sample locations they are interested in. The user can query by sample date, by data provider, by well id, or any combination of these (and other) fields.

1.4.2 Pick Samples

The Pick Samples page displays all of the available samples based on the filters established on the "Filter" page. Links for available Well and/or Soil Boring Logs are also displayed on this page. The Pick Samples results data is sortable by clicking links at the top of each column heading.

1.4.3 View Results

The View Results page displays all of the available analytical results for the samples selected on the "Pick Samples" page. To speed page load times, results are presented in "paged" format. From this page, the user has the ability to download the analytical results to an Excel file. Results presented on the View Results page are sortable by clicking links at the top of each column heading. This page also allows for incremental filtering of displayed analytical data by Sample, Sample Date, Parameter, and/or Method.

1.4.4 Stakeholder Reference Sheet

A stakeholder reference sheet is provided as Exhibit A-1, (Appendix A). This quick reference sheet is meant to summarize the Data Viewer application functionality, and to answer Frequently Asked Questions (FAQ) regarding the use and query of the groundwater database. These reference sheets are also available on the website under "Help."

2.0 GROUNDWATER FLOW MODEL

This section of this report describes the development of the numerical groundwater flow model and the transport of TCE in the ground water for the Claremont Polychemical Site, located in Old Bethpage, Nassau County, New York. This work was completed in accordance with SAIC's proposal for Development and Initial Analysis of a regional Groundwater Database, Claremont Polychemical Site, old Bethpage, NY (Revised May 20, 2004) under contract DACW41-02-D-0006-0002. The conceptual groundwater model and numerical flow model are described in Section 2.0. The numerical model used to evaluate the TCE transport is described in Section 3.0. A statistical evaluation of the confidence in contaminant plume conditions is presented in Section 4.0. The model was developed in accordance to the ASTM D5447 standard guideline for the application of a groundwater model to a site-specific problem (ASTM 2004).

This section describes the conceptual model and the development of the groundwater flow model.

2.1 Conceptual Model

A conceptual model is a qualitative understanding of the site groundwater flow system and is a prerequisite to constructing a numerical flow model. The conceptual model is a summary of the hydrogeologic features that control groundwater flow at the site. A sound conceptual model minimizes the potential for errors to enter into the modeling process and increases the chance of constructing a numerical model that is consistent with the actual hydrogeologic system.

2.1.1 Literature Review

Available documents reviewed during the course of this model development are listed in Section 5.0 of this report. From the literature, it has been documented for the Fireman's Training Center there are three primary hydrostratigraphic zones (Nassau Co. Department of Public Works (Nassau County Department of Public Works, 2004):

- Zone A 40 to 80 BGS
- Zone B 180 to 200 BGS
- Zone C 280 to 300

However, in the USACE Final Data Report (USACE, 2004) Claremont has been reported to have six zones or "levels" based on the elevation of the screened interval. This grouping is useful for describing contaminant distribution and system operation. However the grouping is based solely on well construction information and not on lithologic or hydrogeologic differences in the formation:

- Level 1: 75.10 to 44.86 ft. amsl
- Level 2: 42.35 to 22.32 ft. amsl
- Level 3: 20.62 to 2.99 ft. amsl
- Level 4: -13.99 to -40.99 ft. amsl

- Level 5: -91.00 to -118.10 ft. amsl
- Level 6: -149.20 to -176.00 ft. amsl

This report did not differentiate any hydrostratigraphy for the site. The 1990 Ebasco report referenced the results of a 1987 Geraghty and Miller aquifer pumping test. The underlying logic for the test well depths, besides aquifer characterization, appears to be based on the depth of detection of contamination, the deepest at 250 ft BGS. The Ebasco report noted that Geraghty and Miller identified a shallow zone (75-105 ft BGS), an intermediate zone (155-178 ft BGS) and a deep zone (245-350 ft BGS).

The 1987 Geraghty and Miller pump test occurred in Zone B and Zone C of the study area. The Hydraulic Conductivity (K) value for OBS-1 was 251 ft/day (Zone B). In Zone C, BP-9C and MW-7B had a K of 253 ft/day. Both zones are close and are considered an unconfined aquifer. Basically the same transmissivity value was computed even though the distance between the screened intervals ranged vertically between -69 ft amsl and -239 ft amsl.

In 1994, CDM modeled the site and segregated the aquifer into 7 hydrologic units (Nassau County Department of Public Works, 2004). The units are within 3 hydrologic zones (A, B, and C) that are similar to the three zones previous authors have noted. The CDM interpretation has two units that act as aquitards with Kx & Ky= 4ft/day (x) and Kz = 0.4 ft/day (y) sandwiched between zone A and C. However, during phone discussions of February 2005 between SAIC and Mr. Mike Flaherty, hydrogeologist with Nassau Co. Dept. of Public Works, Hazardous Waste Unit, Mr. Flaherty indicated that his further interpretation of this information did not fully support this assumption. The most recent stratigraphic interpretation of the site does not support a continuous and lateral aquitard unit across the study area (FTC, 2004). In the CDM interpretation, Zone A, B and C were 150 ft/day.

2.1.2 Geologic and Hydrologic Conceptual Model

The currently accepted hydrologic assumption for the aquifer through which the groundwater plume is migrating is that this is an unconfined aquifer with varying degrees of aquifer heterogeneity that can be interpreted to have three horizontal zones. All three zones are hydraulically interconnected through various rates of vertical hydraulic conductivity (K).

There is a lignitic clay unit that appears throughout portions of the study area at depths below around 250 ft BGS. The clay appears more laterally continuous in the southern portion of the site, however, its full lateral extent is not known. In the northern portion of the study area, the clay does not appear to be laterally continuous. This appearance and lateral discontinuity of the clay unit would support the geologic environment of deposition for the region.

The sediment deposited in the region is of glacial, fluvial and deltaic origins. The fluvial and deltaic processes could mean that the region has been subjected to periodic transgressive and regressive sequences of the sea level. During sea level regression, the region would be subjected to channeling, and reworking of the sands and sediment would occur during transgression. The channeling associated with a fluvial system could affect any laterally continuous unit formed during a regressive sequence.

The influence of the clay units likely exerts some influence on the aquifer response to pumping and injection as well as transport of TCE, but it is not currently quantified in the literature reviewed as part of this project.

2.1.2.1 The Conceptual Hydrogeologic Layering Model - Based on an interpretation of the available data and past work performed for the site, the current hydrogeologic model has the site divided into three hydrologic zones A, B & C. The borehole data used to develop the conceptual model is listed in Table 2-1. The bottom elevation of Zone A, Zone B, and Zone C were calculated for each borehole assuming that the thickness of the Zone A, Zone B, and Zone C are 100, 120, and 130 ft, respectively. The characteristics of the aquifer in each zone were then determined based on the borehole data for that particular well.

Zone A - The upper unit, ranges from the ground surface to 100 feet BGS. The unit is mostly comprised of glacial sediments but also includes sands of the very upper portion of the Magothy Formation. The average groundwater potentiometric surface derived from measurements in October 2003 and July 2004 was 61.908 ft amsl. The average saturated thickness for this unit is estimated to be 31 ft. based on available information. Some wells in zone A were dry, or were very close to the top of Zone B so their saturated thickness was thin. The saturated thicknesses from these wells were not included in the calculation of K which used a transmissivity (T) value from well DW-2 of 162,600 gpd/ft (SAIC, 2003). DW-2 is screened at the bottom of Zone A and the screen is entirely within zone A. The estimated K for zone A is 565 ft/day.

Zone B - This is the middle hydrologic zone for the site. Most of the water produced from wells in the area appears to be from this zone. This zone is interpreted to range from 100 ft BGS to 220 ft BGS. It is entirely within the Magothy Formation.

The transmissivity is estimated using SAIC values derived in 2003 from Zone B. The K value for zone B is the average of the T values obtained by SAIC from EW-2 and EW-3. Both are screened in Zone B and a saturated thickness of 220 feet is used to derive K of 164 ft/day.

Zone C - This is the lowermost zone. This zone ranges from 220 to 350 ft BGS and still lies within the Magothy Formation. The bottom is interpreted to occur where the clay content appears to increase in the stratigraphy (MW-7). The Fireman's Training Center (FTC) report (Firemen's Training Center, 2004) defined the bottom of Zone C as 300 ft BGS, however, because of the lateral variability of the clays, it is interpreted that the zone could be deeper and still be within reasonable bounds of the previous interpretation. For modeling purposes, the increase in clay in the stratigraphy at depth could represent a bottom barrier for the model.

Well MW-8C had T calculated to be 190,700 gpd/ft (SAIC 2003) which corresponds to K value of 196 ft/day.

2.1.2.2 Justification for Using K Values - The hydraulic conductivity values used for the modeling are based on recent pump test data performed by SAIC in 2003. The wells used for this test were closer to the Claremont site and may reflect local T in an aquifer that has a heterogeneous stratigraphy. The values are not as high as those calculated by the 1987 Geraghty

& Miller pump test, so they would represent a more conservative interpretation of K in the study area. Additionally the SAIC data gives support for applying a K value to a hydrostratigraphic unit.

Slug tests performed by Ebasco in 1990 were very low. The extent to which slug tests are used to estimate the K for an aquifer is dependent on the homogeneity of the aquifer and the amount of the aquifer this method actually tests. Pump tests utilize a much larger portion of the aquifer and are considered to be more reliable than a slug test for K in an aquifer such as at Claremont. Therefore, these slug test results were not included in the calculation of K for this site.

2.2 Numerical Model Development

The development of a numerical model typically occurred as follows. Once the conceptual model had been formulated, it was translated into a numerical representation of the groundwater flow system. In general, a modeling code was first selected that was appropriate to the hydrogeologic features represented in the conceptual model. Next, a grid or mesh was geographically superimposed over the system. Aquifer properties, stresses and boundary conditions were assigned to discrete points or volumes within the grid or mesh. Based on these parameters, the modeling code was then used to calculate head and flux at each discrete point within the grid or mesh. Parameter values were then adjusted until acceptable agreement was reached between the simulated and observed values for a given parameter, such as hydraulic head. The following sections describe this process in detail.

2.2.1 Model Selection and Description

The United States Geological Survey (USGS) computer program, MODFLOW, was used to simulate groundwater flow at the site. MODFLOW is a well-documented and verified industry-standard numerical code for simulating groundwater flow (Harbaugh and McDonald 1996; McDonald and Harbaugh 1988). It is currently the most widely used numerical model in the U.S. Geological Survey for groundwater flow problems. MODFLOW is a three-dimensional finite-difference groundwater flow modeling package that simulates steady and non-steady flow in an irregularly shaped flow system. MODFLOW can simulate aquifer materials as confined, unconfined, or a combination of confined and unconfined. External flow stresses such as wells, areal recharge, and flow through river beds, can be simulated. Aquifer properties, such as hydraulic conductivity (K) may differ spatially and be anisotropic (restricted to having the principal direction aligned with the grid axes and the anisotropy ratio between horizontal coordinate directions is fixed in any one layer) for any given layer within a MODFLOW model. The versatility of the MODFLOW code is well-suited to the heterogeneous nature of the hydrogeologic units represented in the Claremont model.

2.2.2 Finite-Difference Grid

To translate the conceptual model discussed above into a numerical representation within MODFLOW, a node-centered grid was geographically superimposed over the system.

Aerially, the node-centered finite difference grid, superimposed over each layer in the study area, is a regular grid of cells measuring 52 feet by 33.37 feet which covers 10,400 ft by 13, 350 ft area (see Figure 2-1). The 52 feet by 33.37 feet dimensions of the cells are capable of modeling the groundwater flow at sufficient resolution for this study. Within each of the aquifers (Zone A, Zone B, and Zone C), the lateral extent of the grid was established considering that the grid must encompass the region of interest for simulating groundwater flow (and solute transport).

The finite difference grid superimposed over the study area is oriented at 29^0 from the north, aligning with the principal direction of the regional groundwater flow.

Vertical discretization is based on the hydrogeology in the study area discussed in Section 2.1.2. A total of three layers were simulated in the model representing Zone A, Zone B and Zone C. The top and bottom elevations of each of the layers are specified based on the elevations of the top and bottom of the Zone A, Zone B, and Zone C. Vertical discretization of the model domain is shown in Figure 2-2.

2.2.3 Constant Head Boundary

In general, it is desirable that model boundaries correspond to natural hydrogeologic boundaries (e.g., rivers, lakes, etc.). However, when natural hydrogeologic boundaries are far removed from the study area, it is numerically impractical to make lateral model boundaries correspond with natural hydrogeologic boundaries. In this case, the model boundary is an artificial hydrogeologic boundary. In this model, constant head boundaries are specified at the north and south sides of the model domain. These constant head boundaries permit groundwater flow to cross (enter or exit) the model boundaries. A constant head of 67.5 ft on the northern boundary and 51.5 feet on the southern boundary was applied to the model.

2.2.4 No-Flow Boundaries

The historic (1990 -1992) potentiometric map (Nassau County Department of Public Works, 2004) shows that the regional direction of groundwater flow is from Northeast to Southwest. The potentiometric map also indicates that there is a limited flow in the transverse direction (Eastern & western). Therefore, a no-flow boundary was selected on both the Eastern and western sides of the model domain. Model bottom was also assumed as no flow boundary because of the increase in clay in the stratigraphy at depth as described in Section 2.1.3.

2.2.5 Pumping and Injection System within Model Domain

Multiple water pumping and injection systems occur within the modeled domain as shown in Figure 2-3. These injection and pumping systems were simulated in the model as injection and extraction wells. Table 2-2 summarizes the pumping and injection rates applied to the model.

2.2.6 Aquifer Properties

Aquifer properties such as aquifer elevation, hydraulic conductivity (K), recharge (R), and porosity (N) are assigned to model grid cells based on a combination of site-specific

measurements, values reported for the region in the literature, and model calibration. The following sections discuss assignment of these properties.

2.2.6.1 Layer Elevations - The top and bottom elevations of each of the layers are specified based on the elevations of the top and bottom of the Zone A, Zone B, and Zone C as described in Section 2.1.2.1.

2.2.6.2 Hydraulic Conductivity (K) - Horizontal Hydraulic conductivities values estimated in Section 2.1.2.1 were used as a starting Conductivity values for the model. The Initial conductivity values used were 565, 164, and 196 ft/day for Zone A, B, and C respectively. The model was further calibrated (see later Section 2.2.7) resulting in the values as shown in Table 2-3.

2.2.6.3 Recharge (R) - Average annual recharge rate is on the order of 21 inches (Isbister, 1966). The model was calibrated to fit the measured water level data with the recharge, and 20.58 inch per year recharge rate gave the best fit (see later Section 2.2.9).

2.2.6.4 Porosity (n) - The flow calibration efforts with this model are under steady-state conditions. Porosity has no effect on steady state flow calibration. However, porosity is important when evaluating the particle tracking and contaminant transport analysis. A porosity value of 0.30 was used.

2.2.7 Calibration

Calibration of the flow model is a necessary step to ensure that the model is accurately simulating the observed conditions and, therefore, can be reliably used for predictive assessment of groundwater flow and ultimately contaminant migration. Model calibration was performed for steady state pumping and injection conditions. The simulated water levels were compared to actual water levels measured in January 2005 at the Claremont site at well locations in the three modeled aquifers (Zone A, B, and C). Table 2-4 lists the Model calibration results. Residuals (observed minus simulated water levels) were calculated for each target location. A residual of 0 ft indicates that the observed and simulated water levels are identical; deviation from 0 (either positive or negative) indicates a decreasing match.

The results of the calibration showed that the simulated and observed water levels for January 2005 were in high agreement. (See Table 2-4). The majority of the simulated heads are within the range of observed heads during the time period between February 2002 and July, 2005. Simulated heads that were outside of the observed range did occur, but these were only out of the range at most by less than 2 inches. Measured groundwater elevation data at the Claremont Polychemical Site from February 2002 to July 2005 is presented in Table A-3 (see Appendix A).

The model predicted water level, calculated residuals, and observed range for the calibration target wells are presented in Table 2-4. Summary statistics are provided in Table 2-5. The simulated water levels match exceptionally well with the observed water levels. As shown in Table 2-5, the residual mean error for each of the three aquifers is near zero, indicating little

overall bias in the simulated water levels. The residual standard deviation and the absolute residual mean are low, indicating that residuals are generally tightly clustered around the ideal value of 0. The residual standard deviation divided by the overall range in target head values is a critical measure of model calibration. The range for a well-calibrated model is 10 to 15% (Environmental Simulations, Inc., 2004). As shown in Table 2-5, this parameter is 5.8%, indicating excellent calibration.

Another useful visualization of model calibration is a plot of simulated vs. observed water levels as shown in Figure 2-4. For an ideal calibration, all points would lie on a 45 degree line. As shown in Figure 2-4, this is nearly the case. The correlation coefficient (R^2) of the observed versus measured water levels is 0.95 (Figure 2-4), indicating excellent fit of the simulated to the observed heads. Model calibration target locations are shown in Figure 2-5.

To assess the model under historic (non-pumping / injecting) conditions, the simulated steady state at Zone B potentiometric surface was qualitatively compared to the Historic (1990 -1992) potentiometric surface (Nassau County Department of Public Works, 2004) to ensure that general flow directions and the hydraulic gradient are matched (see Figure 2-6). The regional hydraulic gradient from the historic potentiometric map is 0.0014 ft/day and the model predicted hydraulic gradient is 0.0012 ft/ft. The observed potentiometric surface shows that the overall flow directions and hydraulic gradient are well-matched.

In summary, the quantitative and qualitative calibration evaluations indicate that the model is an excellent representation of groundwater flow at the Claremont study area.

2.2.8 Mass Balance

A mass balance of the groundwater flow through the model was performed to evaluate the degree of agreement between water moving into versus out of the model domain. Table 2-6 presents the mass balance results of the steady state model. Under the assumptions of the model the total mass balance error is 0.004%. For comparison, 1% is a typical maximum acceptable limit for total mass balance error.

2.2.9 Sensitivity Analysis

A sensitivity analysis was conducted for the hydraulic conductivities and recharge rate. The provisionally-calibrated values for each of these parameters were multiplied by 0.25, 0.50, 1.0, 1.50, and 2.00 to ascertain the effects on the model flow solution.

Results are presented in Figure 2-7 through 2-10. Sensitivity analysis concluded that these parameters are sensitive and the parameter values used in the model provided the best fit.

2.2.10 Model Validation

Model validation was conducted using three measured water table elevations at the Claremont site. The three wells that were used for model validation were MW-8C, DW-2, and WT-1 as shown in Figure 2-11 and listed in Table 2-7. These wells were not used in the model calibration

process and, therefore, evaluate the ability of the model to predict heads in areas not used in model building. This validation showed that the calibrated model predicted water level for these wells was within the range of water levels actually observed at those three monitoring wells. This indicates that the groundwater model was accurately predicting actual groundwater elevations within the model domain.

2.3 Flow Model Results

The results of the model calibration and validation, as discussed above, document that the constructed and calibrated groundwater model was fully adequate for assessing the contaminant fate and transport at the Claremont site area. Flow model simulated head within the model domain from Zones A, B, and C are shown in Figures 2-12, 2-13, and 2-14; respectively.

3.0 SOLUTE TRANSPORT MODEL

This section describes the development of the solute transport model, which was performed using the groundwater flow model described in section 2.0 above. The solute transport model evaluated the current and future contaminant fate and transport of primary contaminant (TCE) in the study area. Using this model, TCE concentrations in the aquifer were predicted over time under the influence of site-specific hydrogeologic conditions and chemical and physical mechanisms including advection, dispersion, sorption, and degradation. The objective of the solute transport modeling was to predict future dissolved-phase concentrations of the TCE contaminant, and to indicate, generally the potential source area(s) of the contaminants in the groundwater plume.

The solute transport model was developed in two phases: (1) conceptual model development; and, (2) translation of the conceptual model to a numerical model. The model development process is discussed in the sections below.

3.1 Conceptual Model

A conceptual solute transport model is a qualitative understanding of the site solute transport system and is a prerequisite to constructing a numerical transport model. The conceptual model is a summary of the geochemistry of the site. In addition to geochemical features, the conceptual solute transport model implicitly includes the conceptual groundwater flow model (Section 2), since advective transport of contaminants along with groundwater flow is a primary solute transport mechanism. A sound conceptual model minimizes the potential for errors to enter into the modeling process and increases the chance of constructing a numerical model that is consistent with the actual solute transport system.

TCE data collected in the year 2004 from all three zones were used to develop the current TCE plume map. Maximum TCE concentration values were used if more than one value were available for the same monitoring well. For those monitoring wells for which TCE data were not available for 2004, most recent 2003 data were used. TCE data used to develop the current TCE plume is listed in Table 3-1. The estimated TCE plume map based on the most recent data is

shown in Figure 3-1. The dotted lines in the Figure 3-1 indicate that the concentration lines are estimated due to a lack of TCE monitoring wells to estimate contaminant concentrations in these areas. Figure 3-1 also indicates that there is lack of TCE data on the eastern, northern, and southern side of the estimated TCE plume. A comparison of the plume dimensions as shown on Figure 3-1 to the model predicted head maps (Figures 2-12, 13, and 14) indicate that the overall dimensions and apparent direction of migration the estimated TCE plume compares favorably with the model predicted groundwater flow direction.

3.2 Numerical Model Development

3.2.1 Model Selection and Description

The Modular Three-Dimensional Multispecies Transport Model (MT3DMS) (Zheng and Wang, 1999) was selected to model the transport processes for the primary contaminants at the study area. MT3DMS is a modular mass transport modeling system that can simulate contaminants in groundwater while considering advection, dispersion, diffusion, and decay. The MT3DMS model was selected in part because it is configured to run in conjunction with the results of the MODFLOW model that was developed to model groundwater flow.

MT3DMS® is a modular three-dimensional transport model that can simulate advection, dispersion, and basic chemical reactions of dissolved constituents. The MT3DMS transport model is used in conjunction with MODFLOW® in a two step flow and transport simulation. First, the heads and cell-by-cell flux terms are computed by MODFLOW® during the flow simulation and are written to a specially formatted file. This file is then read by MT3DMS® and utilized as the flow field for the transport portion of the simulation. MT3DMS® is a newer version of the MT3D® model. MT3DMS® differs from MT3D® in that it allows for multi-species transport, supports additional solvers, and allows for cell by cell input of all model parameters. The MT3DMS® model program includes the three major classes of transport solution techniques in a single code, i.e., the standard finite difference method; the particle tracking based Eulerian-Lagrangian methods; and the higher order finite volume method. Since no single numerical technique has been shown to be effective for all transport conditions, the combination of these solution techniques, each having its own strengths and limitations, is believed to offer the best approach for solving the most wide-ranging transport problems with desired efficiency and accuracy. MT3DMS is ideally suited for simulating the migration of simple contaminant plumes over time. Major input parameters for the MT3DMS® model are porosity, dispersivity, half-life of the contaminant, and adsorption coefficient.

MT3DMS® can accommodate very general spatial discretization schemes and transport boundary conditions, including:

- Confined, unconfined or variably confined/unconfined aquifer layers.
- Inclined model layers and variable cell thickness within the same layer.
- Specified concentration or mass flux boundaries.
- Solute transport effects of external hydraulic sources and sinks such as wells, drains, rivers, areal recharge and evapotranspiration.

MT3DMS® produces an array of dissolved concentrations in response to a source of known concentration within the groundwater flow field generated by the boundary conditions set up in the groundwater flow model.

In addition, for solute transport simulations of TCE, the particle tracking code (MODPATH) was used. The USGS computer program, MODPATH, is used for particle-tracking analysis to project the path and direction of movement of a water particle forwards or backwards through time. MODPATH is a groundwater particle-tracking post-processing package that computes three-dimensional flow paths using output from steady-state or transient groundwater flow simulations by MODFLOW (Pollack 1994). MODPATH allows for the analysis of groundwater flow times and flow directions. For example, if contaminant release is known to have occurred at a given location X (where "X" is some time ago) number of years ago, particle tracking simulations may be performed with groundwater particles starting at the source location and allowed to travel in the flow field for X years. The particle locations at X years (i.e., the present) may then be compared to the current extent of the known contamination. This can provide a helpful gauge to determine if the flow directions/patterns and velocities are appropriate. It is important to realize that particle tracking includes only the affects of advective flow, and neglects dispersion, sorption, and degradation. These factors must be kept in mind when comparing the particle tracking results to the observed contaminant distribution.

3.2.2 Finite Difference Grid

The solute transport model uses the same 3D finite difference grid developed and described previously for the groundwater flow model (see Figure 2-1). Consequently, development of the numerical solute transport model required the specification of appropriate solute transport specific properties for this 3D model grid.

3.2.3 Solute Transport Specific Properties

*3.2.3.1 **Initial Conditions*** - The initial conditions consist of the initial dissolved-phase concentrations of TCE. For future predictive simulations (i.e., simulations starting at the present time), the current TCE plume as presented in Section 3-1 was used as the initial dissolved-phase concentrations in each of the Zone A, Zone B, and Zone C (see Figure 3-1). Again, the TCE concentration used for each well was the maximum value determined for that well based on analysis of groundwater samples collected in 2004, or if no 2004 data existed, then the value used was the maximum TCE value from samples collected in 2003.

*3.2.3.2 **Boundary Conditions*** - The boundary conditions consist of specified concentration source cells that represent the presence of residual dense non-aqueous phase liquid (DNAPL) source material. It was assumed that no DNAPL TCE exists and source cells were not used in the modeling for TCE.

*3.2.3.3 **Dispersivity*** - The dispersivities were specified as 30 ft, 3 ft, and 1 ft in the longitudinal, transverse horizontal, and transverse vertical directions, respectively, throughout the model domain.

3.2.3.4 ***Porosity*** – A porosity value of 0.30 was specified.

3.2.3.5 ***Bulk Density*** - Bulk density (ρ_b) values of 1.8 g/cm^3 were used for the aquifers (Zone A, Zone B, and Zone C).

3.2.3.6 ***Sorption*** - Sorption of the chlorinated solvents to the aquifer material was specified using a linear sorption isotherm. In this case, the sorbed and dissolved-phased concentrations are assumed to be in equilibrium, and the sorbed phase concentration divided by the dissolved phase concentration is the equilibrium distribution coefficient (Kd). For organics, sorption occurs predominantly onto organic carbon in the matrix (unless organic carbon content is very low). Consequently, Kd is generally taken as the product of the organic carbon fraction in the matrix (foc) and the organic carbon partition coefficient (Koc). A foc value of 0.001 (0.1%) was assumed. Organic carbon content Koc is a chemical-specific property available from literature. The Koc value for TCE is presented in Table 3-2. Also included in Table 3-2 are the Kd values computed based upon a foc of 0.001 ; these values were used throughout the model domain. The low end of the Koc range for TCE (87 ml/g) was used to calculate the Kd. This results in a lower Kd value, which conservatively underestimates sorption of TCE onto the aquifer matrix. Finally, retardation factors ($Rf = 1 + Kd*\rho_b/\eta$, where ρ_b is bulk density and η is porosity) is shown in Table 3-2. The retardation factor is the factor by which contaminant movement is retarded (slowed) relative to groundwater flow due to sorption onto the matrix.

3.2.3.7 ***TCE Half-life*** - The degradation in the model was simulated as a first order decay with the half-life of 1 year (Surez and Rafia, 1999). This value may or may not be conservative depending on the redox zone (aerobic or anaerobic) condition of the aquifer. For aerobic aquifers, this may be an over estimation, and for anaerobic aquifers, this may be an underestimation of the half-life of TCE. However, it is a reasonable value to use in the transport screening runs.

3.2.4 Particle Tracking Analysis

Particle tracking analysis was conducted for the wells EW-7, EW-9, and MW-10 (see Figure 3-2). The particle tracking analysis was done for both forward and backward tracking. As mentioned earlier, it is important to realize that particle tracking includes only the effects of adjective flow, and neglects dispersion, sorption, and degradation. These factors must be kept in mind when comparing the particle tracking results to the observed contaminant distribution. Particle tracks are shown in red (forward track) and pink (backward track), with travel times indicated in years (each arrow also indicates 1 year). The result of this particle tracking shows the possible source of contamination and the future flow path of the contamination.

Particle tracking analysis was also done for the capture zone analysis for the wells RW-1 through RW-5. The result of the capture zone analysis is shown in Figure 3-3. This analysis shows that the capture wells (wells RW-1 through RW-5), needs to be extended towards east according to the initial estimated TCE plume map (see Figure 3-1). This conclusion is tentative, however, since the western edge of the plume in this area can only be estimated (indicated by dashed lines on Figure 3-1) due to a lack of groundwater TCE data from this area of the plume.

3.2.5 Predictive TCE Simulations

3.2.5.1 Simulation Formulation and Results - Solute transport was conducted with advection, sorption, dispersion, and degradation. As discussed earlier in Section 3.2.3.2, no continuing sources were specified. The future simulation timeframe was taken as 5 years and 10 years. The 5- and 10-year future TCE simulation results are presented in Figure 3-4 through 3-9.

A set of additional groundwater monitoring wells was proposed. The locations of these wells are shown on Figure 4-2. To assess the additional information content these wells provide, the plume finding algorithm following the algorithm of (McGrath and Pinder, 1996) was used. A representative variogram was used to provide some measure of uncertainty in the hydraulic conductivity fields. The uncertainty surface with the existing monitoring wells is shown on Figure 4-2, and the reduction in uncertainty from the seven (7) new wells is shown on Figure 4-3. As seen in these figures, the uncertainty is modeled as a hill where the uncertainty is high and a low area where it is low. The new seven wells clearly and significant reduces the uncertainty in the TCE plume knowledge to the east of the source area and further down gradient near the proposed new well EW-14D. Further discussion of the plume finder analysis is provided in the following Section 4.0 of this report.

3.3 Summary and Limitations of the Flow and Transport Model

The flow model was developed and calibrated with the monitoring wells mainly from the northern half of the projected extent of the contaminant plume. The model included multiple points of both water injection and extraction. The model reasonably matches the observed flow conditions. The flow model was also qualitatively calibrated with the historic (1990-1992) potentiometric (Nassau County Department of Public Works, 2004) surface to ensure that general flow directions and the hydraulic gradient are matched for the general regional flow during the no pumping and no injection condition. Groundwater level data for other areas within the model domain is not available at this time. Therefore, the developed model prediction will be more reliable near to the Claremont site and the confidence in the prediction decreases for the areas away from the Claremont site. The TCE initial plume map was estimated based on the most recent sampled data and applied to the model as the initial plume. The transport simulation predicted the possible potential paths of TCE and the extent of the plume in next 5 and10 years. TCE transport results also showed that the TCE will be below 5 ug/L within 10 years, assuming that there is no source of TCE present and TCE will bio-decay with the assumed half-life of 1 year.

4.0 PLUME FINDER ANALYSIS

4.1 Approach to the Uncertainty Analysis

As the number and density of monitoring points increase, and as the trends in contaminant concentrations between points increase, the level of statistical certainty in the TCE concentrations at and between the points increases (uncertainty decreases). The plume finding

uncertainty-screening analysis quantifies the level of uncertainty in TCE concentrations across the plume. The plume finder analysis uses the flow model developed is Section 2 to estimate the TCE concentrations throughout the plume with regards to all monitoring points where TCE concentrations are known, or assumed. The conceptual TCE plume as developed by the solute transport model (See section 3.0), and as illustrated in Figure 3-1, was not used in the plume finder analysis because an absence of monitoring points results in great uncertainty in the TCE concentrations on the eastern and southern portion of the plume. This uncertainty is indicated by the the dashed iso-concentration lines in the eastern and southern portions of the plume as illustrated on Figure 3-1. Due to this lack of plume definition, the plume finder uncertainty surface was generated using the following approach:

- The model domain was extended to cover an area of 12,000 by 24,000 feet.
- The flow system was simulated as a stochastic aquifer using 500 one-layer models. These aquifers were designed to range in hydraulic conductivity from 6 to 3,200 feet per day, and each aquifer hydraulic conductivity field was stochastically generated.
- The transport was simulated as constant source strength of 1,900 ug/l at the location of well EW-7C.
- The analysis period was 50 years.
- Neither retardation nor biodecay was used.
- A constant gradient of 0.0014 ft/ft was used. This was done to assess the uncertainty in the plume location without the extraction of water, thus representing a comprehensive worst-case analysis. Incorporation of any pumping scenarios into the plume finder analysis would limit the actual uncertainty in plume extent for the source to the extraction wells in a similar manner to the particle tracking shown of Figure 3-3.

The analysis was conducted in three stages:

1. Assess the base uncertainty that would exist if no monitoring wells existed.
2. Include the information from the existing monitoring wells (location and concentration) and assess the improvement (reduction of uncertainty) the current monitoring well system provides.
3. Include the seven proposed new wells and assess the reduction in uncertainty information that these wells will provide.

The initial results of the plume finder uncertainty analysis are presented in the following section of this report.

4.2 Results of the Plume Finder Uncertainty Analysis

Figure 4-1 shows the base uncertainty surface of the TCE plume at year 50. Note that this map is not a TCE plume map, but is a representation of where the TCE plume fringe (the MCL for TCE) would be known with relative certainty and uncertainty, if the source condition was known but no other monitoring wells were available. The elevation of the undertainty indicates the relative uncertainty in the ability to predict the plume TCE concentration at a given point under these conditions. For example, the simulations of these 500 all different aquifers provided 500

different TCE plumes after 50 years of simulated time. Without monitoring wells, the most information could be obtained from locating a well where the uncertainty is the highest. For this analysis, this highest baseline uncertainty is normalized to 1 unit. All monitoring of the plume will reduce this uncertainty by some amount, and this analysis quantifies it.

The groundwater TCE information from the existing monitoring wells was then included in the model and the analysis rerun. Five-hundred new aquifers where generated to produce 500 new TCE concentration maps. The concentration information from the monitoring program from Table 3-1 was used to redefine the uncertainty surface. The reduction of the uncertainty is shown on Figure 4-2. The peak uncertainty value is reduced by about half, or to 0.56 of its original value. The primary aerial improvement is seen on the northwestern side if the TCE plume, where the monitoring wells are concentrated, and is consistent with the hydrogeologist's identification of uncertainty shown on Figure 3-1.

The effect of the seven proposed new monitoring wells on the uncertainty in plume definition was then evaluated. The effect of the seven new monitoring wells is shown on Figure 4-3. The first six (6) wells (EW-10D, EW-13D, EW-11D, EW-4D, EW-12D, and EW-2D) are important from a source location and identification standpoint. They do not significantly reduce the uncertainty in locating the plume fringe since they are within what is detected by the algorithm as the plume fringe. Well WT-1, which is slightly further to the east has a maximum concentration of 1.7 ug/l, and well MW-10 B (furthest east in the cluster, south of the source area) has a maximum concentration of 5.1 ug/l. Since these wells have TCE concentrations are at or below the MCL of 5 ug/l, the algorithm has seen the plume fringe "found" by the data, so does not reduce the uncertainty calculation appreciable in that area. Note that this system does have a depth dimension in that the well cluster MW-10 shows higher concentrations with depth; 10C is 310 ug/l and 10D is 70 ug/l. Proposed monitoring well EW-14D is located near the fringe of the plume shown on Figure 3-1, and does reduce the uncertainty calculation in this area.

4.3 Potential for Further Use of Plume Finder Analysis

The results of the above uncertainty analysis represent a reasonable worst-case mapping of the plume uncertainty, and when interpreted in concert with the flow and transport modeling provides a comprehensive quantitative estimate of the level of certainty/uncertainty with respect to the migration of the Claremont TCE plume.

If either retardation or the biodecay factors would be included in the model, or if the simulated analysis time is reduced, then the uncertainty surfaces will retreat towards the source area. In addition, imposing additional constraints of injection and/or extraction of the model would change the base groundwater flow model, and thus change the results of the plume finder analysis. In this manner, the plume finder analysis model represents a tool for evaluation of various *what if* scenarios regarding groundwater monitoring and groundwater capture programs. Importantly, the contribution of any additional monitoring wells on the ability to predict TCE concentrations within an area of the plume can be quantified using this analysis. Therefore, additional quantification of these parameters would lead to a better understanding of the relative uncertainty inherent in a given monitoring system.

Also, if the pumping is included, then the uncertainty surface will extend from the source area and end at the recovery wells, in a similar manner that the particle tracking shown on Figure 3-3. TCE in the groundwater down-gradient of the recovery well locations will still produce non-zero uncertainty surfaces. A better-known variation in hydraulic conductivity throughout the extent of the plume will refine the estimates, but it is not clear whether or not this would increase or decrease the uncertainty from the analysis provided.

The combination a well calibrated flow model, a representative TCE transport analysis and a reasonable worst-case plume fringe uncertainty analysis has been conducted. Over all, the results of these analysis show local and regional capture zones; a well conducted monitoring well network and an area south and east of the plume where less information is known. These aspects of the flow and transport of TCE support both remedial system operation and monitoring well design.

5.0 REFERENCES

ASTM. 2004. ASTM D5447-04 Standard Guide for Application of a Ground-Water Flow Model to a Site-Specific Problem.

Ebasco. 1990. Remedial Investigation Report, Draft Final, Claremont Polychemical site, Old Bethpage, NY. Ebasco Services Inc. July 1990

Environmental Simulations Inc. 2004. *Guide to Using Groundwater Vistas Version 4: Environmental Simulations, Inc.*, 358 p.

Firemen's Training Center. 2004. Hard Copy data received from Nassau County for the Fire training area onsite/off site well construction details, geological logs for recovery and injection wells, boring logs and well construction diagrams for available monitoring wells. Data transmittal date : June 2004.

G&M 1987. OBSWDC Aquifer Test for Evaluating Hydraulic Control of Leach Impacted Groundwater, Old Bethpage, Long Island, New York. Geraghty & Miller, Inc. September 1987.

Geraghty & Miller, Inc.. Undated. Summary of Construction Details for Phase 3 off Site wells, Old Bethpage, New York.

Harbaugh, A.W., and McDonald, M.G., 1996, User's documentation for MODFLOW-96, an update to the U.S. Geological Survey modular finite-difference ground-water flow model: U.S. Geological Survey Open-File Report 96-485, 56 p.

Isbister, 1966. Remedial Investigation Report (Appendix H, 4th page), Draft Final, Claremont Polychemical site, Old Bethpage, NY. Ebasco Services Inc. July 1990.

Malcolm Pirnie. 1991. Remedial Investigation Report, Vol I (Appendix A, Boring Logs), Nassau County Fireman's Training Center, September 1991.

Nassau Co. Department of Public Works . 2004. Review of offsite Volatile Organic Plume Characteristics, Department of Public Works, Nassau County, Database Development Meeting at EPA Region II Headquarters, New York, NY, March 2004.

Pollock, D.W., 1994, *User's Guide for MODPATH/MODPATH-PLOT, Version 3: A particle tracking post-processing package for MODFLOW, the U.S. Geological Survey finite-difference ground-water flow model*. U.S. Geological Survey Open-File Report 94-464, 234 p.

Rust Environment & Infrastructure. 1990. Phase I Design Claremont Polychemical Corp, Old Bethpage, NY (Vol 3). August 1994.

SAIC. 2003. Report on Aquifer Recovery Monitoring Results. Letter report to Mr. Brad Vann, USACE, dated November 20, 2003.

Surez and Rafia, 1999. Biodegradation Rates for Fuel Hydrocarbons and Chlorinated Solvents in Groundwater, Civil and Environmental Engineering, University of Houston, CRC Press, 1999

USACE. 2004. Final Data Report. Claremont Polychemical Superfund Site Long-term Groundwater Monitoring, Old Bethpage, New York, August 2004.

USEPA 1996. U.S. Environmental Protection Agency, *Soil Screening Guidance: User's Guide*, EPA/540/R-96/018, Washington DC, 1996
http://www.epa.gov/superfund/resources/soil/attachc.pdf

W.A. McGrath and G. F. Pinder (1996), "Sampling network design for delineating groundwater contaminant plumes," Proceedings Computational Methods in Water Resources, Cancun, Mexico, 185-192.

Zheng, C., and Wang, P. P. 1999. *MT3DMS®: A Modular Three-Dimensional Multispecies Transport Model for Simulation of Advection, Dispersion, and Chemical Reactions of Contaminants in Groundwater Systems; Documentation and User's Guide*, U.S. Army Engineer Research and Development Center Contract Report SERDP-99-1, Vicksburg, Mississippi.

TABLES

Table 2-1. Borehole Data Used to Develop the Conceptual Model

Well	Zone	Screen Elevation Top (FT amsl)	Screen Elevation Bottom (FT amsl)	Ground Elevation (FT amsl)	Zone A Bottom (Elev) (FT amsl)	Zone B Bottom (Elev) (FT amsl)	Zone C Bottom (Elev) (FT amsl)
BP-11	A	4	-16	81.76	-18.24	-138.24	-268.24
BP-12A	A	9	-11	78.33	-21.67	-141.67	-271.67
BP-3A	A	70.54	50.54	124.54	24.54	-95.46	-225.46
BP-4A	A	74	54	92.69	-7.31	-127.31	-257.31
BP-5A	A	67	47	96.34	-3.66	-123.66	-253.66
BP-6A	A	79	59	102.55	2.55	-117.45	-247.45
BP-7A	A	73	53	148.35	48.35	-71.65	-201.65
BP-8A	A	72	52	92.29	-7.71	-127.71	-257.71
DW-1	A	37.69	32.69	131.19	31.19	-88.81	-218.81
DW-2	A	42.61	37.61	137.61	37.61	-82.39	-212.39
EW-1A	A	64.85	55.02	130.02	30.02	-89.98	-219.98
EW-1B	A	40.39	30.56	130.56	30.56	-89.44	-219.44
EW-2A	A	64.97	55.14	157.14	57.14	-62.86	-192.86
EW-3A	A	63.75	53.92	158.92	58.92	-61.08	-191.08
EW-6A	A	67.31	57.48	130.48	30.48	-89.52	-219.52
OSEB-1 (5A)	A	52	47	137	37	-83	-213
OSEB-2 (6A)	A	60	55	160	60	-60	-190
OSEB-3 (7A)	A	73	58	148	48	-72	-202
OSEB-4 (8A)	A	50	45	125	25	-95	-225
OSEB-5 (9A)	A	75	60	153	53	-67	-197
OSEB-6 (10A)	A	61	56	165	65	-55	-185
SW-1	A	66.31	61.31	131.5	31.5	-88.5	-218.5
SW-2	A	73.93	63.93	131.19	31.19	-88.81	-218.81
TU-3	A	35	30	92.9	-7.1	-127.1	-257.1
W-20A	A	57	37	113.17	13.17	-106.83	-236.83
W-21A	A	55	35	100.95	0.95	-119.05	-249.05
WT-1	A	66.98	56.98	162.38	62.38	-57.62	-187.62
RW-2	A	70	-6	104	4	-116	-246
RB-1	A	58	38	136	36	-84	-214
MW-5A	A	50.9	45.9	135.9	35.9	-84.1	-214.1
MW-6A	A	58.8	53.8	158.8	58.8	-61.2	-191.2
MW-7A	A	71.9	56.9	146.9	46.9	-73.1	-203.1
MW-9A	A	74	59	152	52	-68	-198
MW-10A	A	59.8	54.8	159.8	59.8	-60.2	-190.2
MW-11A	B	-55	-60	85	-15	-135	-265
BP-10B	B	-129	-149	81.21	-18.79	-138.79	-268.79
BP-12B	B	-103	-123	78.24	-21.76	-141.76	-271.76
BP-13B	B	-147	-311	133.37	33.37	-86.63	-216.63
BP-14B	B	-119	-159	81.5	-18.5	-138.5	-268.5
BP-4B	B	-78	-98	91.72	-8.28	-128.28	-258.28
BP-5B	B	-84	-104	96.58	-3.42	-123.42	-253.42

Well	Zone	Screen Elevation Top (FT amsl)	Screen Elevation Bottom (FT amsl)	Ground Elevation (FT amsl)	Zone A Bottom (Elev) (FT amsl)	Zone B Bottom (Elev) (FT amsl)	Zone C Bottom (Elev) (FT amsl)
BP-6B	B	-77	-97	102.58	2.58	-117.42	-247.42
BP-7B	B	-80	-100	147.9	47.9	-72.1	-202.1
BP-8B	B	-39	-59	91.43	-8.57	-128.57	-258.57
BP-9B	B	-99	-119	85.09	-14.91	-134.91	-264.91
EW-1C	B	15.3	5.47	130.47	30.47	-89.53	-219.53
EW-2B	B	37.44	27.61	157.61	57.61	-62.39	-192.39
EW-2C	B	17.37	7.54	157.54	57.54	-62.46	-192.46
EW-3B	B	33.89	24.06	159.06	59.06	-60.94	-190.94
EW-3C	B	4.75	-5.08	158.92	58.92	-61.08	-191.08
EW-4A	B	61.72	46.89	161.89	61.89	-58.11	-188.11
EW-4B	B	41.5	31.67	161.67	61.67	-58.33	-188.33
EW-4C	B	16.24	6.41	161.41	61.41	-58.59	-188.59
EW-5	B	-29.62	-39.45	135.55	35.55	-84.45	-214.45
EW-6B	B	20.44	10.61	130.61	30.61	-89.39	-219.39
EW-6C	B	-29.77	-39.6	130.9	30.9	-89.1	-219.1
LF-2	B	8.7	3.7	161.12	61.12	-58.88	-188.88
MW-10B	B	-11.88	-16.88	134.24	34.24	-85.76	-215.76
MW-6D	B	-24.61	-29.61	130.9	30.9	-89.1	-219.1
MW-8B	B	-20.76	-25.76	160.39	60.39	-59.61	-189.61
OBS-2	B	-64	-84	105	5	-115	-245
OSEB-2 (6B)	B	30	25	160	60	-60	-190
OSEB-2 (6C)	B	5	0	160	60	-60	-190
OSEB-2 (6D)	B	-27	-32	160	60	-60	-190
OSEB-2 (6E)	B	-85	-90	160	60	-60	-190
OSEB-3 (7B)	B	-82	-87	150	50	-70	-200
OSEB-4 (8C)	B	-110	-115	135	35	-85	-215
OSEB-5 (9C)	B	-67	-72	153	53	-67	-197
OSEB-6 (10C)	B	-113	-118	165	65	-55	-185
UM-1	B	-35	-4	115.64	15.64	-104.36	-234.36
W-20B	B	20	0	113.5	13.5	-106.5	-236.5
W-20C	B	-42	-62	112.91	12.91	-107.09	-237.09
W-21B	B	9	-11	100.1	0.1	-119.9	-249.9
W-21C	B	-38	-58	100.73	0.73	-119.27	-249.27
W-7B	B	25	5	104.52	4.52	-115.48	-245.48
ORW-1	B	-39	-119	146	46	-74	-204
ORW-2	B	-44.06	-144.86	96.94	-3.06	-123.06	-253.06
ORW-3	B	-64.1	-132.1	90.9	-9.1	-129.1	-259.1
ORW-4	B	-88	-148	84	-16	-136	-266
ORW-5	B	-65	-140	100	0	-120	-250
ORW-6	B	-92.7	-152.7	82.3	-17.7	-137.7	-267.7
ORW-7	B	-131.2	-181.2	74.8	-25.2	-145.2	-275.2
IW-1	B	56	6	156	56	-64	-194
IW-2	B	54	4	154	54	-66	-196

Well	Zone	Screen Elevation Top (FT amsl)	Screen Elevation Bottom (FT amsl)	Ground Elevation (FT amsl)	Zone A Bottom (Elev) (FT amsl)	Zone B Bottom (Elev) (FT amsl)	Zone C Bottom (Elev) (FT amsl)
IW-3	B	55	5	155	55	-65	-195
OBS-1	B	-65	-85	110	10	-110	-240
MW-5B	B	24.9	19.9	136.9	36.9	-83.1	-213.1
MW-6B	B	23.7	18.7	158.7	58.7	-61.3	-191.3
MW-6C	B	3.5	-1.5	158.5	58.5	-61.5	-191.5
MW-8A	B	48.5	-53.5	133.5	33.5	-86.5	-216.5
MW-9B	B	-10.9	-15.9	152.1	52.1	-67.9	-197.9
MW-11B	C	-150	-155	90	-10	-130	-260
BP-10C	C	-276	-296	80.94	-19.06	-139.06	-269.06
BP-12C	C	-291	-311	78.56	-21.44	-141.44	-271.44
BP-13C	C	-321	-341	133.67	33.67	-86.33	-216.33
BP-14C	C	-229	-269	81.48	-18.52	-138.52	-268.52
BP-3B	C	-91.43	-111.43	123.57	23.57	-96.43	-226.43
BP-3C	C	-156.32	-176.32	123.68	23.68	-96.32	-226.32
BP-4C	C	-188	-208	91.57	-8.43	-128.43	-258.43
BP-5C	C	-154	-174	96.28	-3.72	-123.72	-253.72
BP-6C	C	-154	-174	102.35	2.35	-117.65	-247.65
BP-7C	C	-162	-182	148.4	48.4	-71.6	-201.6
BP-8C	C	-169	-189	91.48	-8.52	-128.52	-258.52
BP-9C	C	-239	-259	84.88	-15.12	-135.12	-265.12
MW-10C	C	-112.73	-117.73	135.72	35.72	-84.28	-214.28
MW-10D	C	-147.83	-152.83	160.27	60.27	-59.73	-189.73
MW-8C	C	-109.28	-114.28	104.58	4.58	-115.42	-245.42
OSEB-2 (6F)	C	-185	-190	160	60	-60	-190
OSEB-5 (9D)	C	-158	-163	153	53	-67	-197
OSEB-6 (10D)	C	-148	-153	165	65	-55	-185
W-20D	C	-119	-139	113.15	13.15	-106.85	-236.85
W-21D	C	-116	-136	100.44	0.44	-119.56	-249.56
W-7D	C	-106	-126	104.68	4.68	-115.32	-245.32
MW-6E	C	-85.7	-90.7	159.3	59.3	-60.7	-190.7
MW-6F	C	-186.5	-191.5	158.5	58.5	-61.5	-191.5
MW-7B	C	-83.3	-88.3	146.7	46.7	-73.3	-203.3
MW-9C	C	-67.9	-72.9	152.1	52.1	-67.9	-197.9
MW-9D	C	-159.5	-164.5	151.5	51.5	-68.5	-198.5

Note: *The bottom elevation of Zone A, Zone B, and Zone C was calculated at each borehole assuming the thickness of the Zone A, Zone B, and Zone C are 100, 120, and 130 ft, respectively.*

FT amsl: *Feet above mean see level*

Table 2-2. Pumping and Injection Wells Within the Model Domain

	Pumping Rate	Injection Rate
TOB Infiltration Basins (3 basins)	--	0.45 M gal/day each basin
County Injection Wells (3 wells)	--	100 GPM each well
County infiltration pond (1 pond)	--	150 GPM
County well field ORW-4, ORW-6, ORW-7	150 gal/min each	--
Town well field RW-1, RW-2, RW-3, RW-4, and RW-5	200 gal/min each	--
RW-1, RW-2, and RW-3	200 gal/min each	--
Claremont wells EX-1, EX-2, EX-3	167 gal/min each	--
Claremont wells IW-1, IW-2, IW-3, IW-4	--	125 gal/min each

Table 2-3. Modeled Aquifer Parameters

Hydraulic Conductivity			
Zone	**Kx (ft/d)**	**Ky (ft/day)**	**Kz (ft/day)**
A	282.5	282.5	84
B	82	82	32
C	98	98	30
Local Fireman's Training area (zone B)	39	39	12
Recharge			
Zone	**ft/day**	**in/yr**	**cm/yr**
A	0.0047	20.58	52.28
Porosity			
Zone	**-**	**—**	**—**
A	0.30	—	—
B	0.30	—	—
C	0.30	—	—

Table 2-4. Model Calibration Result

Well	Zone	Observed Head (January 2005)	Computed Head	Residual	Observed Range (from Feb 02 to Jan 05)	Model predicted Head within Observed Head (yes or no)
SW-1	A	63.77	63.73	0.04	Dry to 64.89	yes
DW-1	A	63.74	63.71	0.03	57.6 to 65.17	yes
EW-1A	A	63.50	63.43	0.07	Dry to 64.80	yes
EW-1B	B	63.43	63.43	0.00	56.54 to 64.86	yes
EW-1C	B	63.55	63.44	0.11	57.37 to 64.70	yes
EW-2A	A	62.76	62.91	-0.15	Dry to 64.06	yes
EW-2B	B	62.99	62.89	0.10	56.93 to 64.23	yes
EW-2C	B	63.14	62.85	0.29	57.36 to 64.21	yes
EW-4A	B	63.88	64.00	-0.12	57.66 to 65.11	yes
EW-4B	B	63.87	63.98	-0.11	58.10 to 65.09	yes
EW-4C	B	63.84	63.95	-0.11	57.62 to 65.03	yes
EW-5	B	63.09	62.99	0.10	57.82 to 64.78	yes
EW-6A	A	65.32	65.22	0.10	Dry to 66.99	yes
EW-6C	B	65.20	65.20	0.00	61.90 to 66.60	yes
EW-7C	B	65.18	65.05	0.13	65.18 to 66.11	(under 0.13 feet)
EW-7D	C	65.11	65.03	0.08	65.11 to 66.09	(under 0.08 feet)
EW-8D	C	64.98	64.97	0.01	64.98 to 65.95	yes
EW-9D	C	65.08	64.93	0.15	65.08 to 65.96	(under 0.15 feet)
MW-6D	B	61.08	61.58	-0.50	56.19 to 63.72	yes
MW-10B	B	62.72	62.00	0.72	56.10 to 63.47	Yes
MW-10C	C	62.57	62.05	0.52	59.07 to 63.43	Yes
MW-10D	C	62.49	62.02	0.47	59.14 to 63.87	Yes
LF-2	C	64.01	63.55	0.46	57.69 to 65.15	Yes
PPW-1	C	64.42	64.44	-0.02	62.070 to 65.24	(over 0.02 feet)

Table 2-5. Steady State Calibration Statistics

Statistic	
Residual Mean (ft)	0.10
Residual Standard Deviation (ft)	0.25
Absolute Residual Mean (ft)	0.18
Number of Residuals	24
Minimum Residual (ft)	-0.50
Maximum Residual (ft)	0.72
Range in Observed Heads (ft)	4.24
Residual Standard Deviation / Range in Observed Heads	5.8%

Table 2-6. Mass Balance

Parameter	Fluxes (ft^3/day)		
	Inflow	Outflow	Net
Storage	NA	NA	NA
Wells	364514.20	494219.60	129705.40
Constant Head Boundaries (Model North and South boundary)	78198.50	597826.13	519627.63
Recharge	649285.25	0	649285.25
Total	1091997.93	1092045.72	-47.79
% Error	-0.004%		

Table 2-7. Wells Used for Model Validation

Well ID	Observed Head in 2005	Maximum Observed Head	Minimum Observed Head	Model Predicted Head
MW-8C	63.55 ft	68.55 ft in Oct 2002	62.14 ft in July 2003	62.80 ft
DW-2	61.92 ft	63.12 ft in April 2004	51.61ft in Feb 2002	63.09 ft
WT-1	64.92 ft	64.92 in Jan 2005	61.38 ft in April 2003	64.93 ft

Table 3-1. January 2004 TCE Data Used to Develop Current TCE plume

Well ID	Easting	Northing	TCE Concentration (ug/L)
BP-10B	1138982.40	209498.56	ND
BP-10C	1138982.40	209498.56	ND
BP-12A	1137808.08	209996.53	ND
BP-12B	1137808.08	209996.53	7.30
BP-12C	1137808.08	209996.53	ND
BP-13B	1136613.78	209242.51	ND
BP-13C	1136613.78	209242.51	ND
BP-14B	1138073.14	210590.58	59.50
BP-14C	1138073.14	210590.58	ND
BP-2B	1137607.40	213042.77	ND
BP-3A	1139432.28	211706.33	0.50
BP-3B	1139436.28	211723.43	5.20
BP-3C	1139446.28	211755.43	19.30
BP-4B	1137813.39	211407.63	10.30
BP-4C	1137813.39	211407.63	15.40
BP-9B	1138518.41	210207.83	6.90
BP-9C	1138518.41	210207.83	ND
DW-1	1138499.95	215549.63	0.50
DW-2	1138798.68	215542.45	0.30
EW-1A	1138387.75	215352.87	10.00
EW-1B	1138392.25	215362.20	0.50
EW-1C	1138381.05	215355.83	0.69
EW-2A	1138989.80	215434.34	23.00
EW-2B	1138995.00	215447.23	2.10
EW-2C	1138987.52	215444.75	41.00
EW-3A	1140105.28	214282.44	ND
EW-3B	1140104.28	214302.44	0.50
EW-3C	1140110.28	214301.44	93.00
EW-4A	1138937.09	215734.67	210.00
EW-4B	1138936.95	215728.38	52.00
EW-4C	1138936.92	215722.04	550.00
EW-5	1138811.04	215530.12	130.00
EW-6A	1138478.86	216174.62	0.50
EW-6C	1138486.73	216170.72	1.00
EXT-1	1138683.67	215225.85	59.00
EXT-2	1138775.61	215333.03	65.00
EXT-3	1138898.61	215476.41	580.00
FTC-W-9B	1137135.79	213646.06	ND
LF-2	1137960.28	215096.44	ND
MW-10B	1139742.59	214813.17	5.10
MW-10C	1139676.14	214834.27	310.00
MW-10D	1139677.93	214820.62	70.00
MW-6D	1138496.28	214310.44	4.50
MW-8B	1138634.22	215202.46	0.73
MW-8C	1138634.23	215202.46	0.50
PPW-1	1138492.34	215820.20	0.50
RB-1	1137946.11	217261.21	BDL
RW-1	1138101.13	212731.67	ND
RW-2	1138711.65	212758.21	2.34
RW-3	1139286.31	212942.02	12.22
RW-4	1139747.94	213177.62	171.00
RW-5	1139521.78	213973.95	491.00
SW-1	1138491.46	215550.40	50.00
WT-1	1139326.83	215791.57	1.70
EW-7C	1138856.81	216155.10	1900.00
EW-8D	1138322.80	215988.78	1.00
EW-9D	1138631.80	216075.70	1.00
RB-1	1137946.11	217261.21	ND
BP-2A	1137607.40	213042.77	ND

Table 3-2. Sorption Parameters

Contaminant	Koc (ml/g)	Kd (ml/g)[2]	Retardation Factor (Rf) in Aquifer Material[3]
TCE	80 - 166[1]	0.087	1.5

[1] USEPA 1996
[2] Kd values computed from foc*Koc, using foc=0.001.
[3] Rf values for aquifer material computed from Rf = 1 + Kd*ρ_b/θ_e, where ρ_b=1.8g/cm3 (Section 2) and θ =0.3 (Section 1).

FIGURES

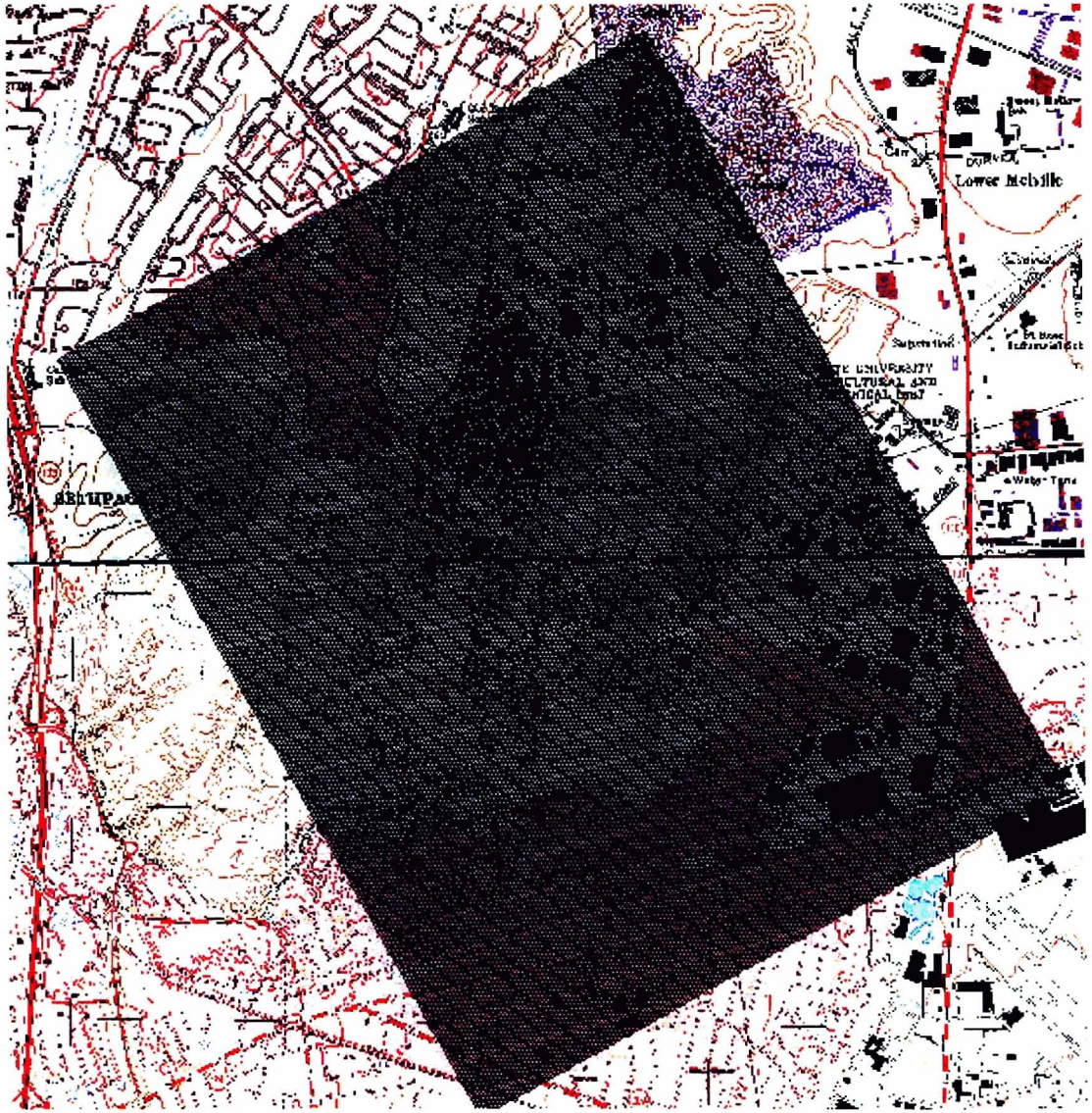


Figure 2-1. Model Finite Difference Grid, & Model Domain

Figure 2-2: Vertical Discretization of the Model

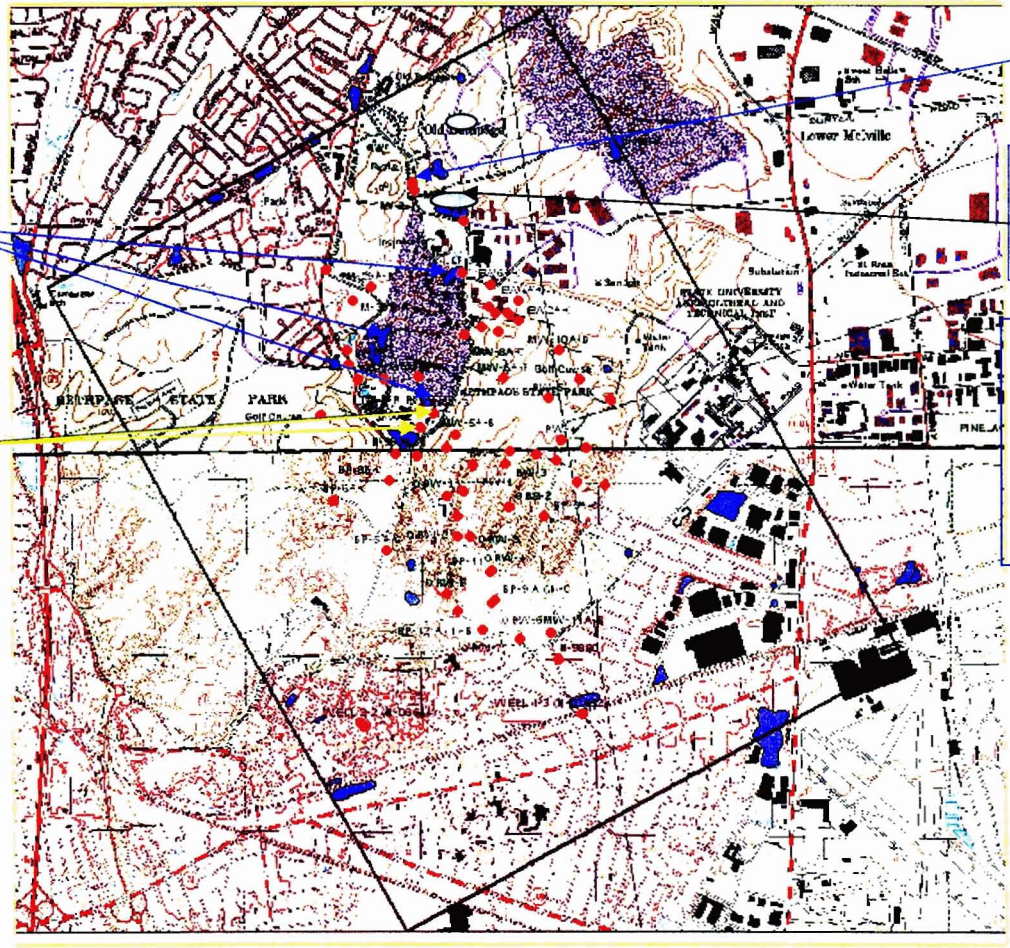


Figure 2-3 : Pumping and Injection Wells Within the Model Domain

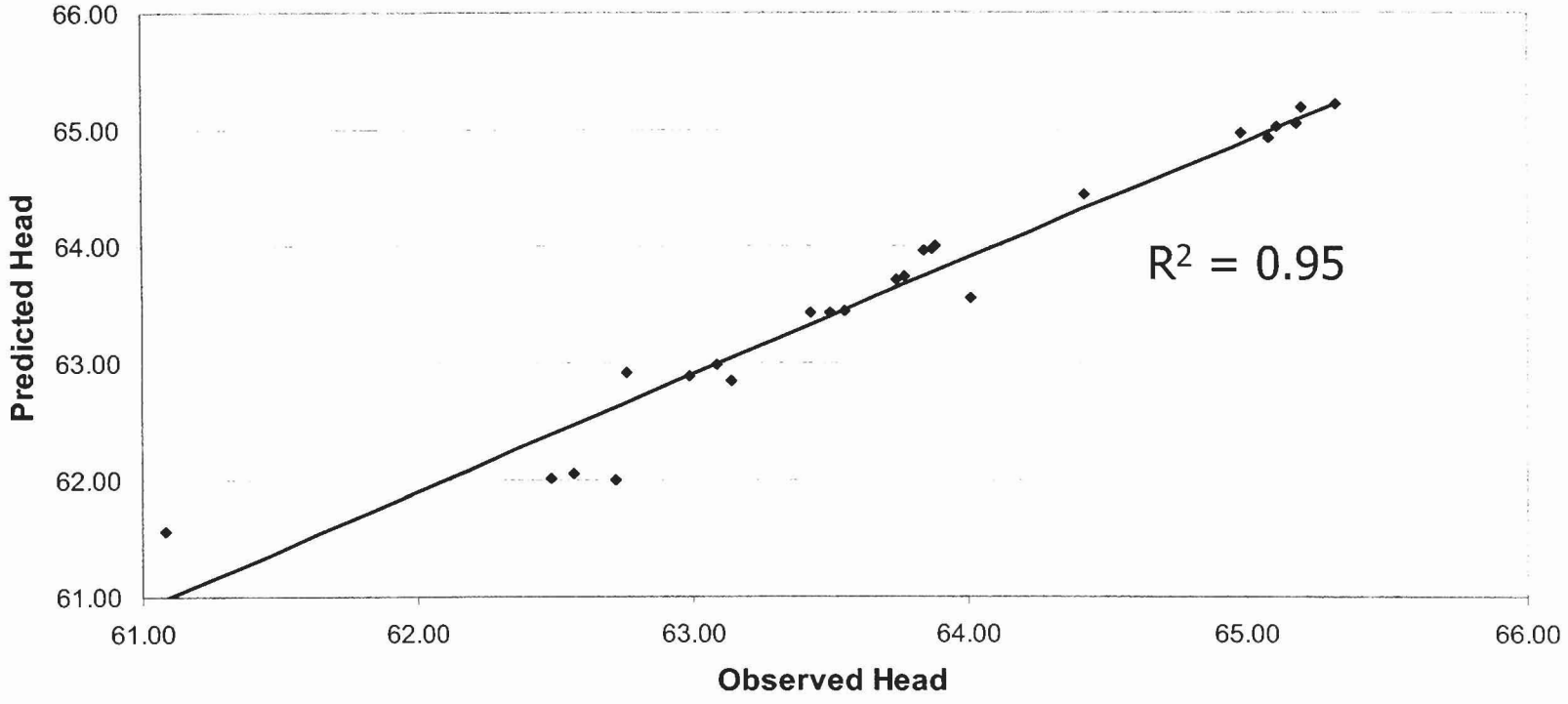


Figure 2-4. Observed Verses Model Predicted Groundwater Head Potentials

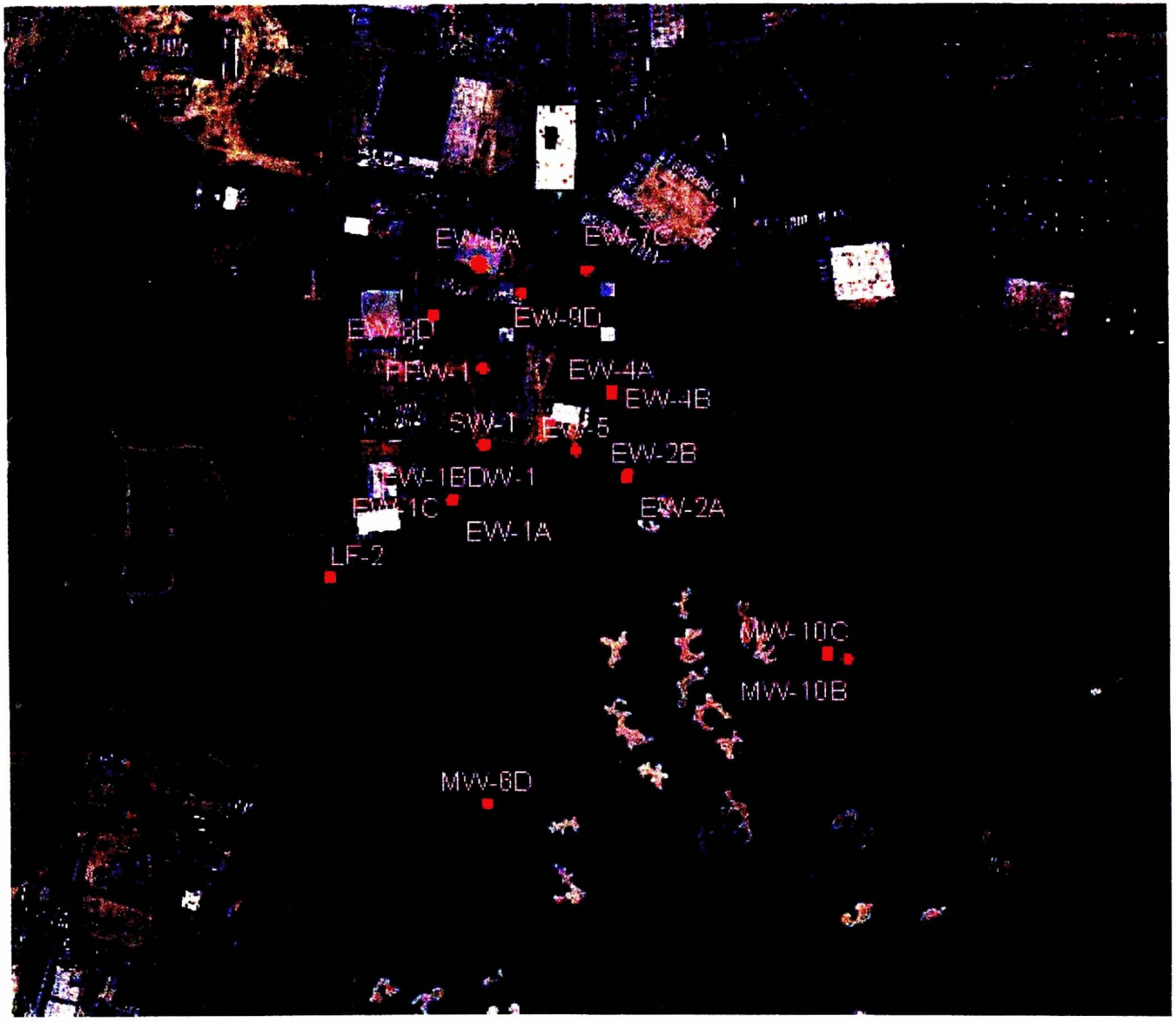


Figure 2-5 : Model Calibration Target Locations

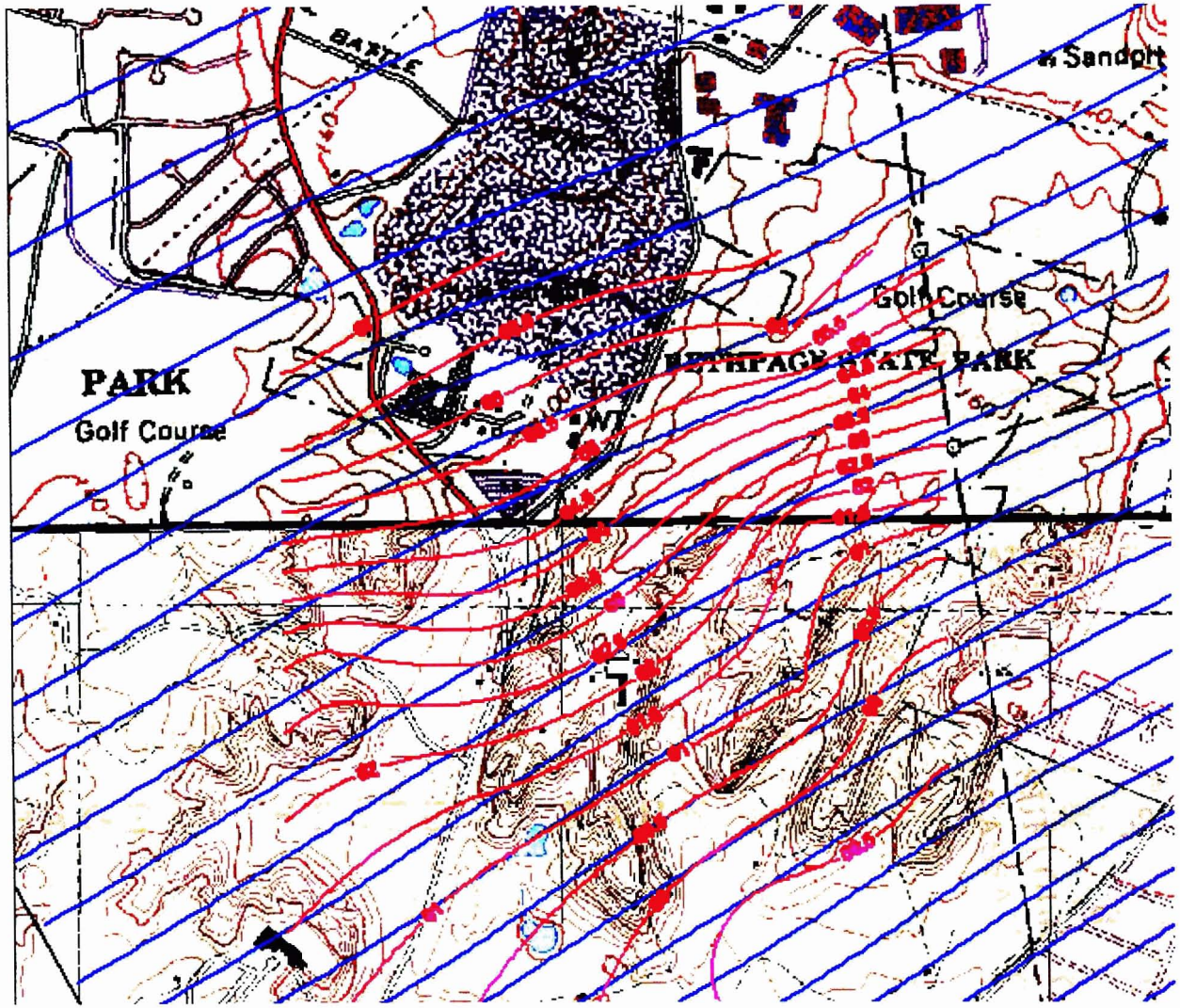


Figure 2-6. Comparison between 1990 -1992 Pre-pumping Groundwater Contour Map (purple lines) and Model Predicted Contour Map (Blue lines) at Zone B
Source for 1990 -1992 Pre-pumping Groundwater Contour map : Nassau County Department of Public Works, 2004

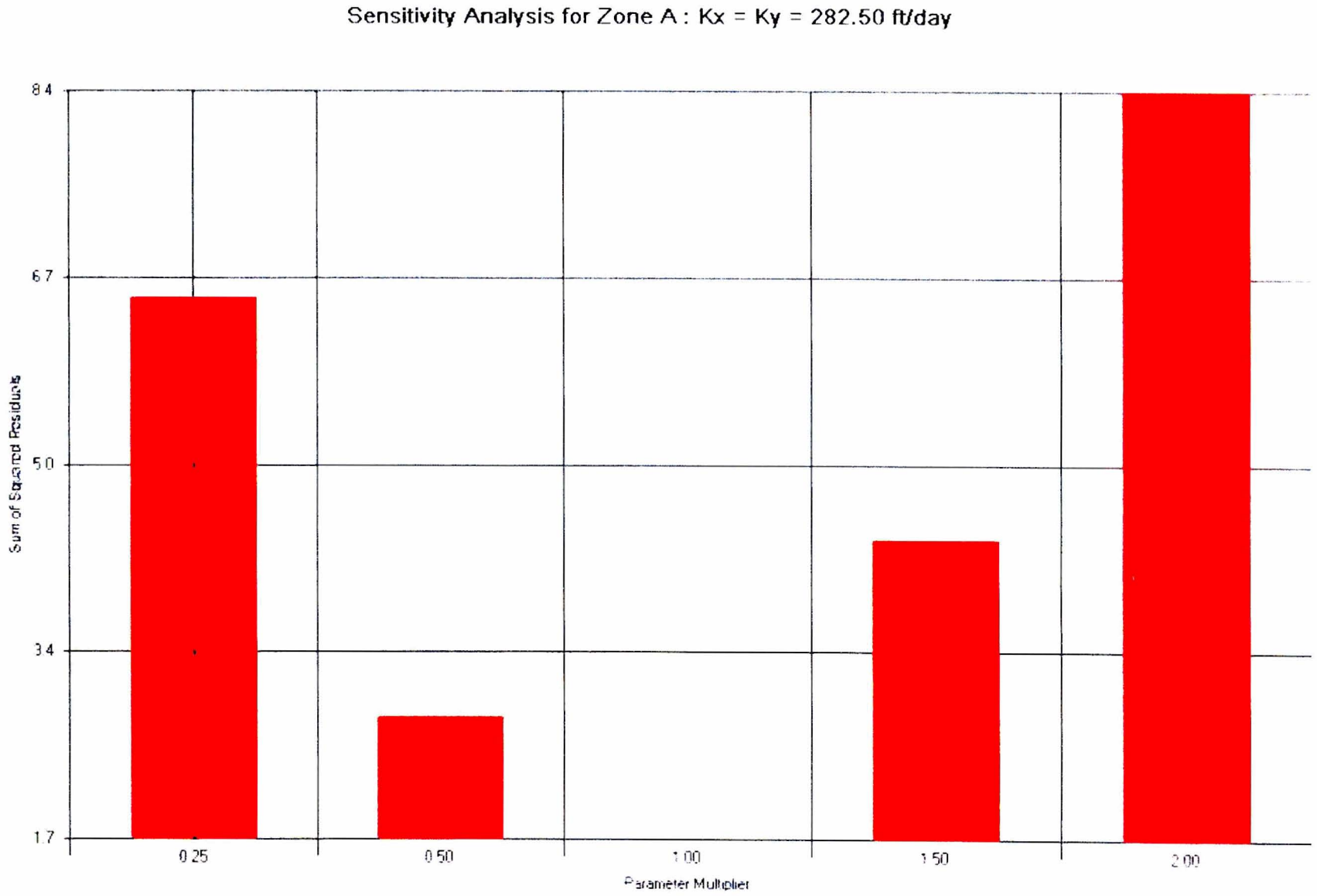


Figure 2-7. Sensitivity Analysis for Zone "A" Hydraulic Conductivity

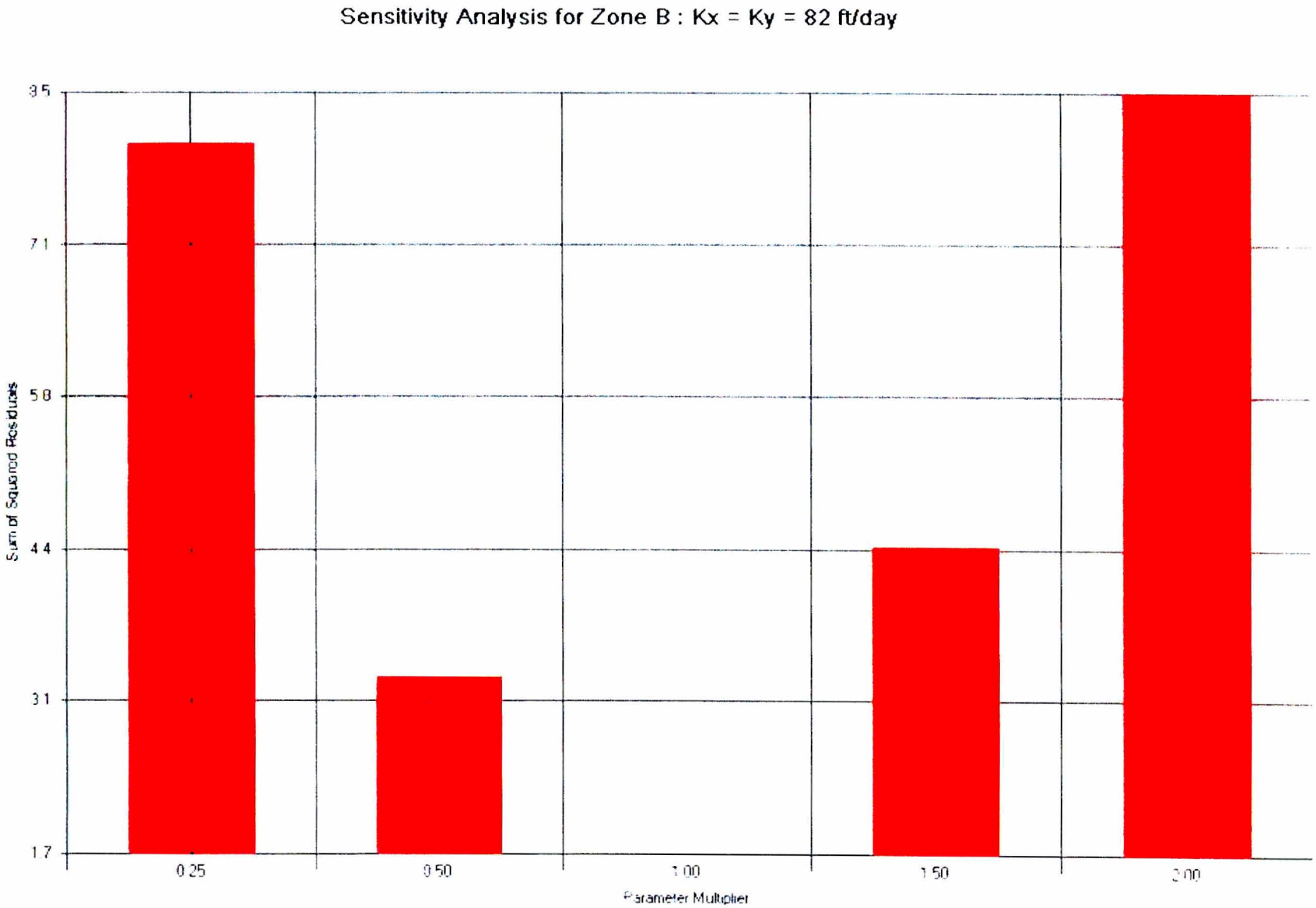


Figure 2-8. Sensitivity Analysis for Zone "B" Hydraulic Conductivity

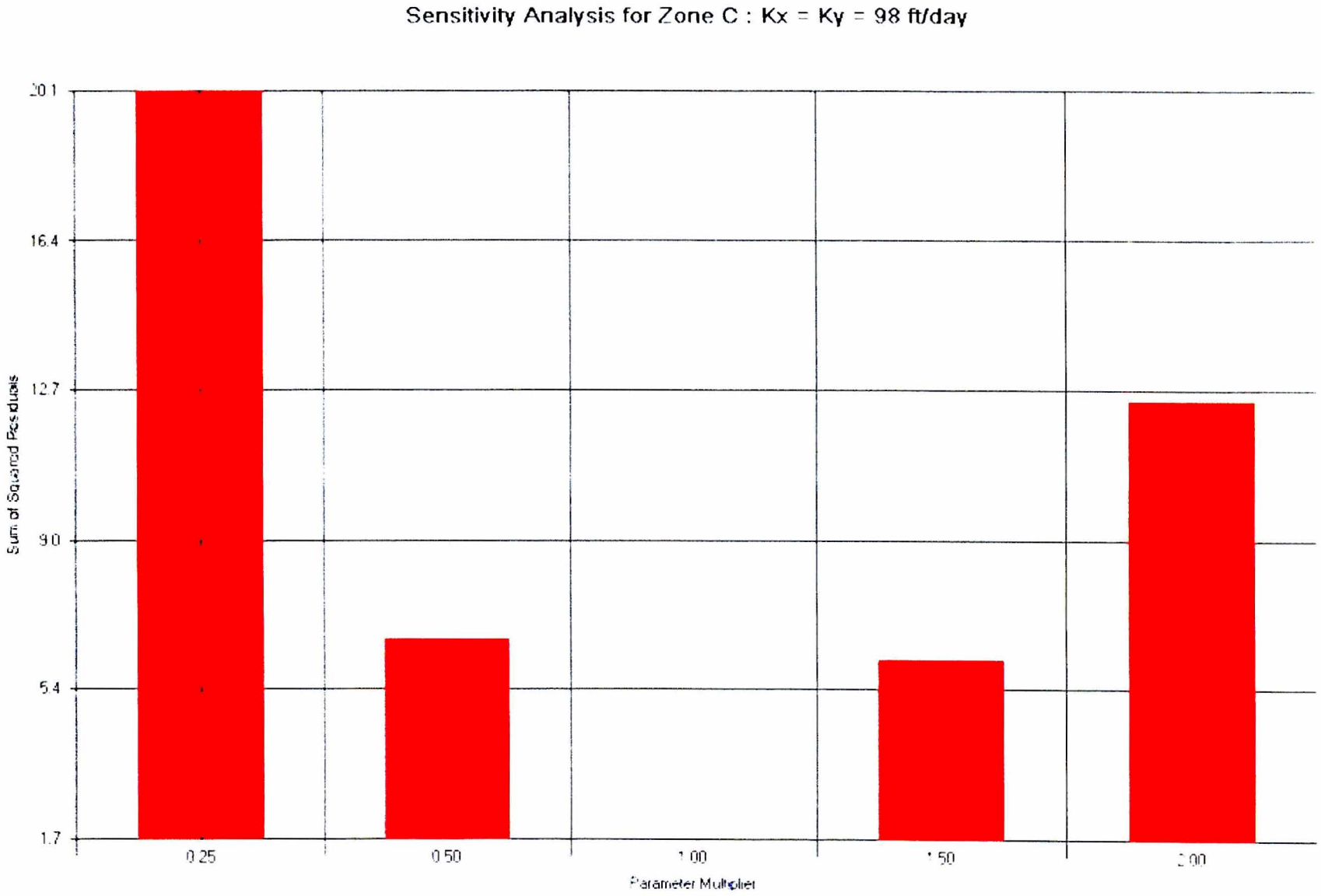


Figure 2-9. Sensitivity Analysis for Zone "C" Hydraulic Conductivity

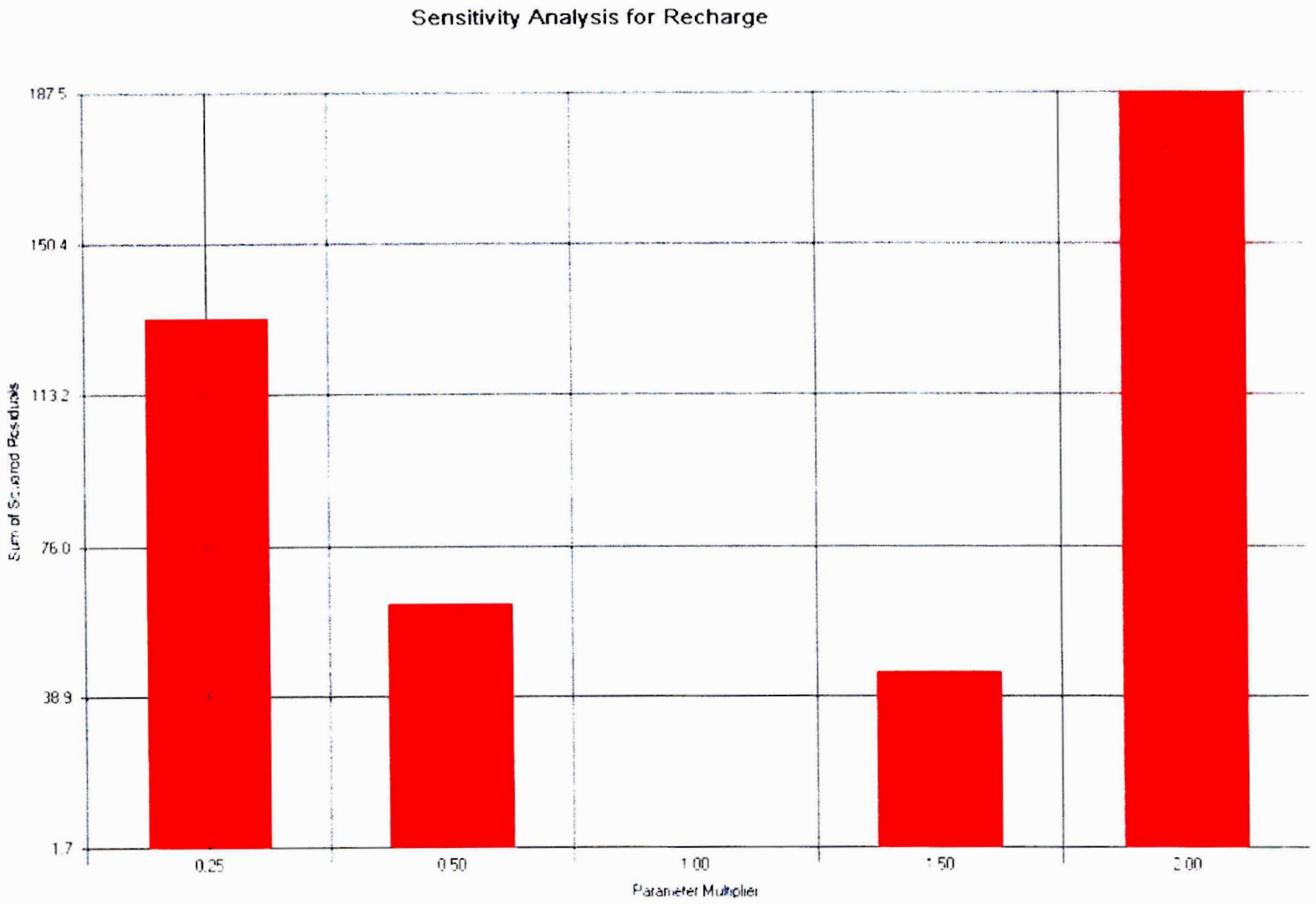


Figure 2-10. Sensitivity Analysis for Groundwater Recharge Rate

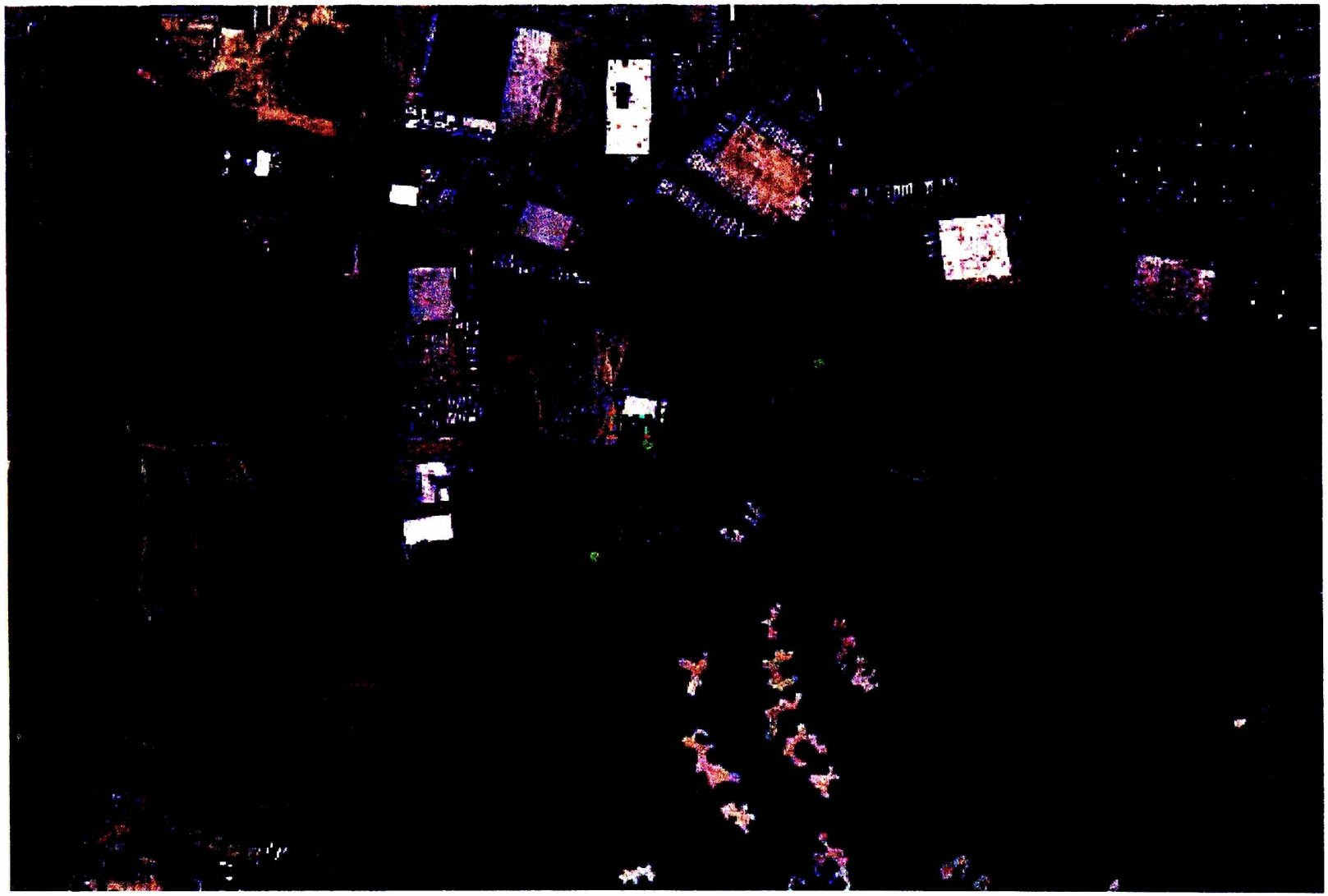


Figure 2-11: Selected Wells for Model Validation

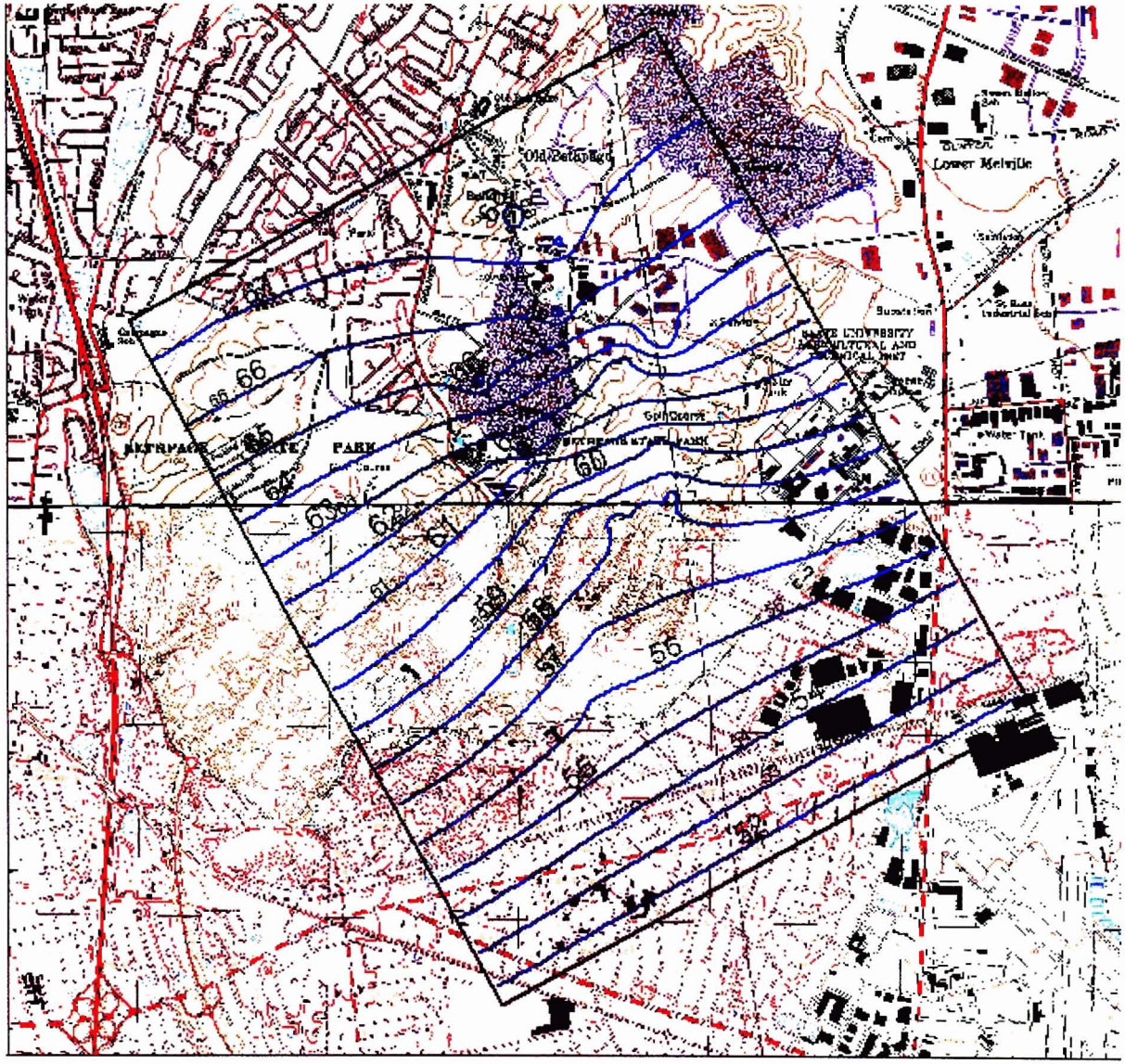


Figure 2-12: Model Predicted Head at Zone A

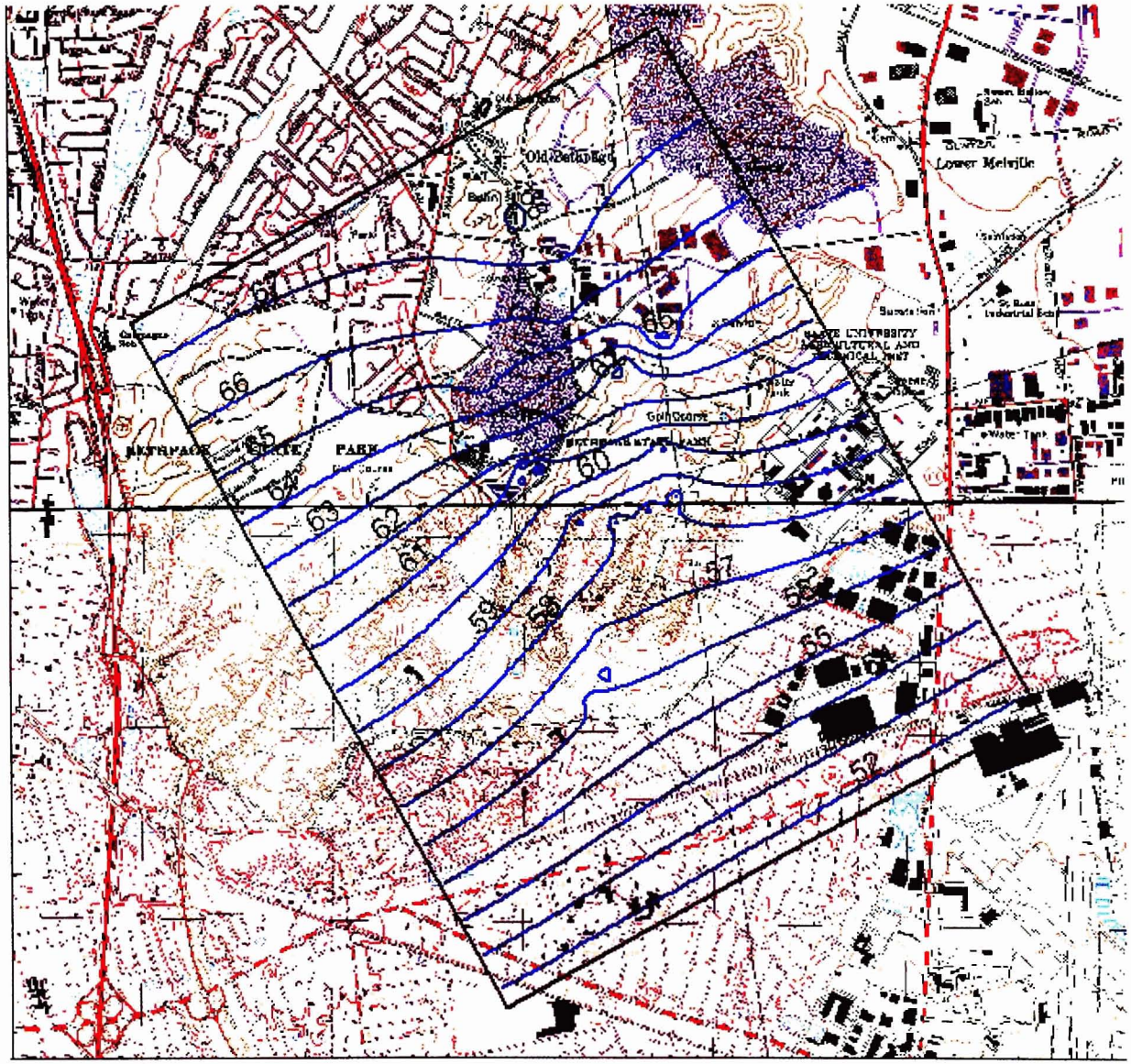


Figure 2-13: Model Predicted Head at Zone B

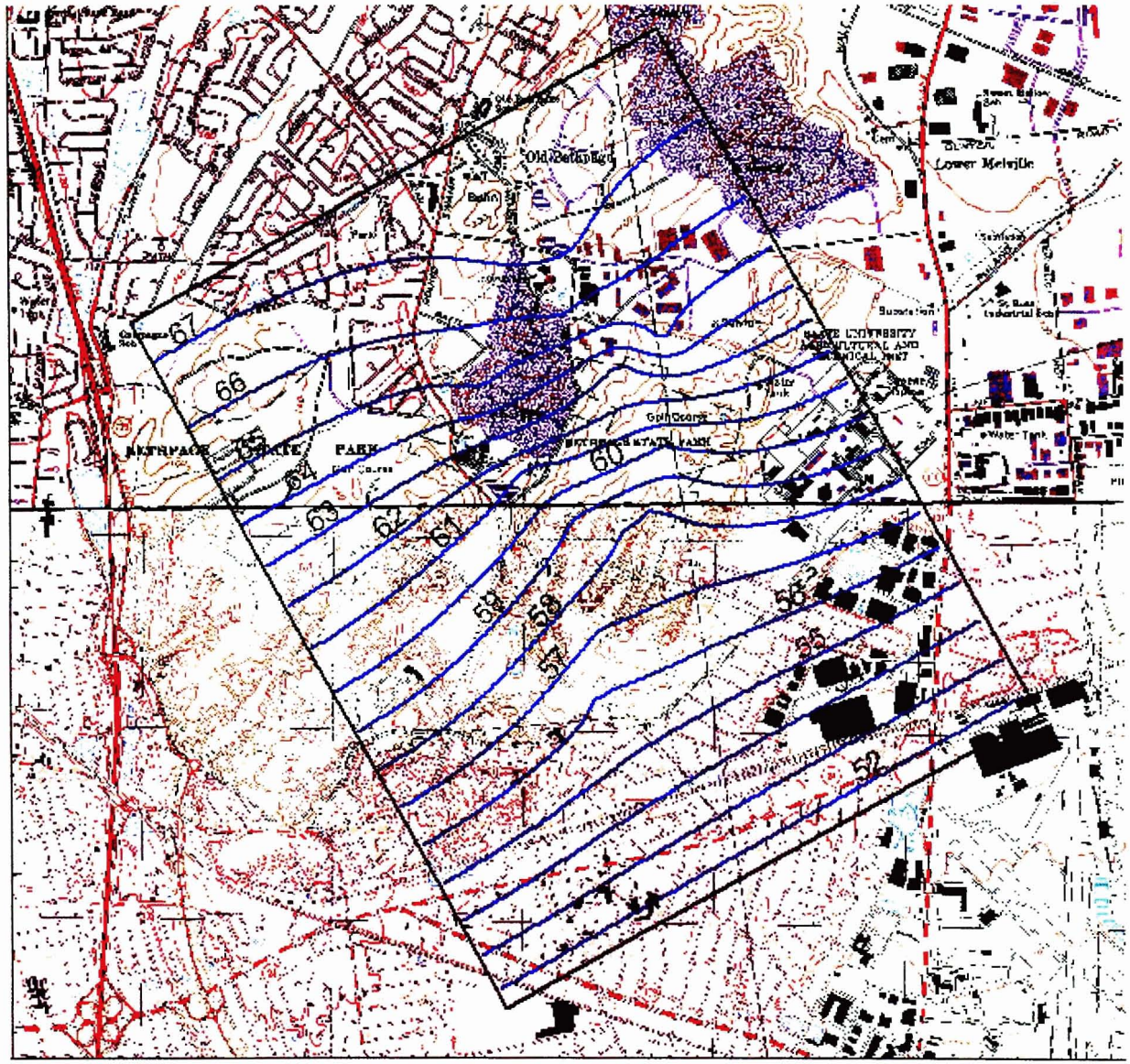


Figure 2-14: Model Predicted Head at Zone C

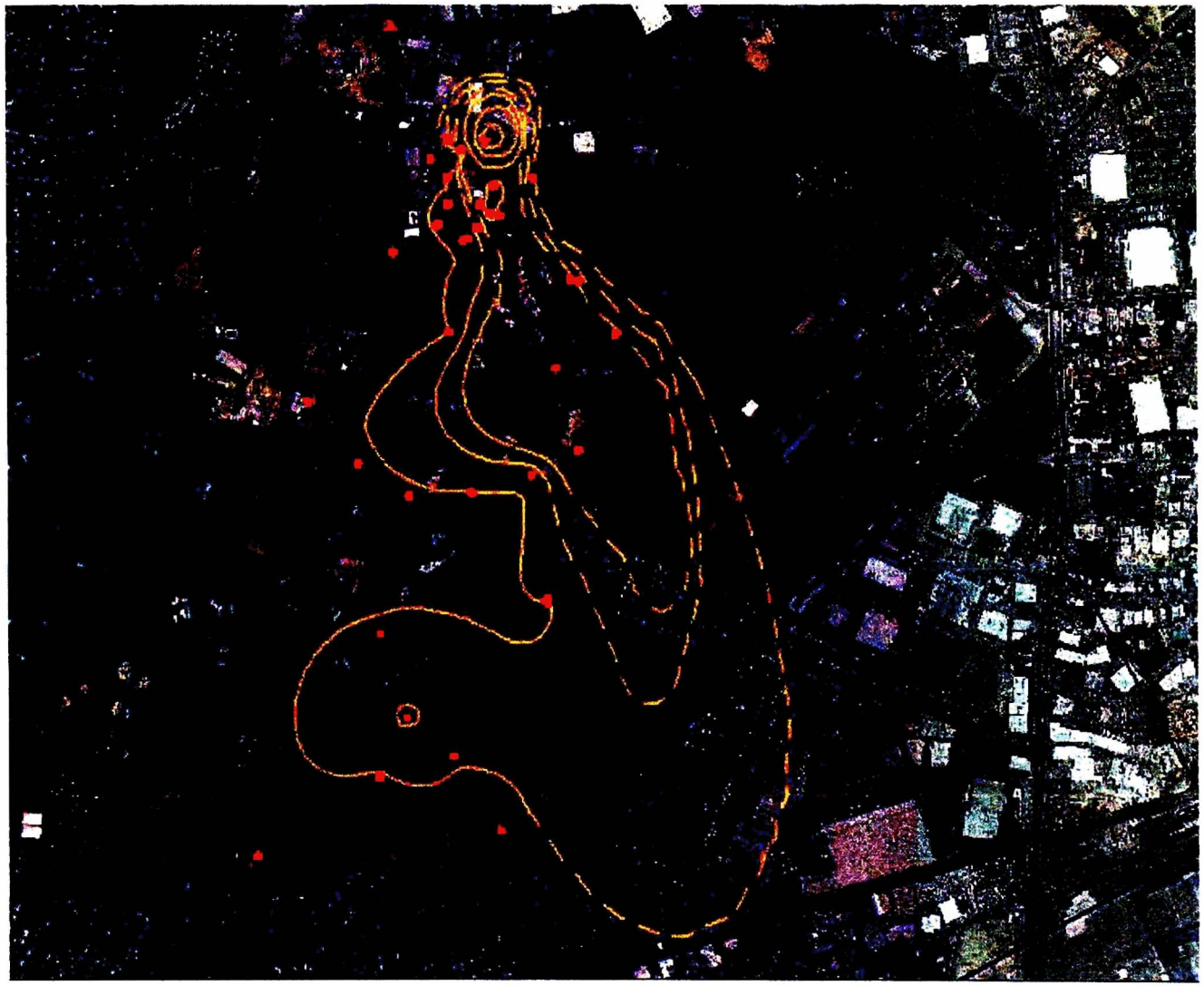


Figure 3-1. TCE plume map

Red wells are the locations where TCE values are known.

TCE plume map contour interval = 5, 50, 100, 500, 1000, and 1500 ug/L

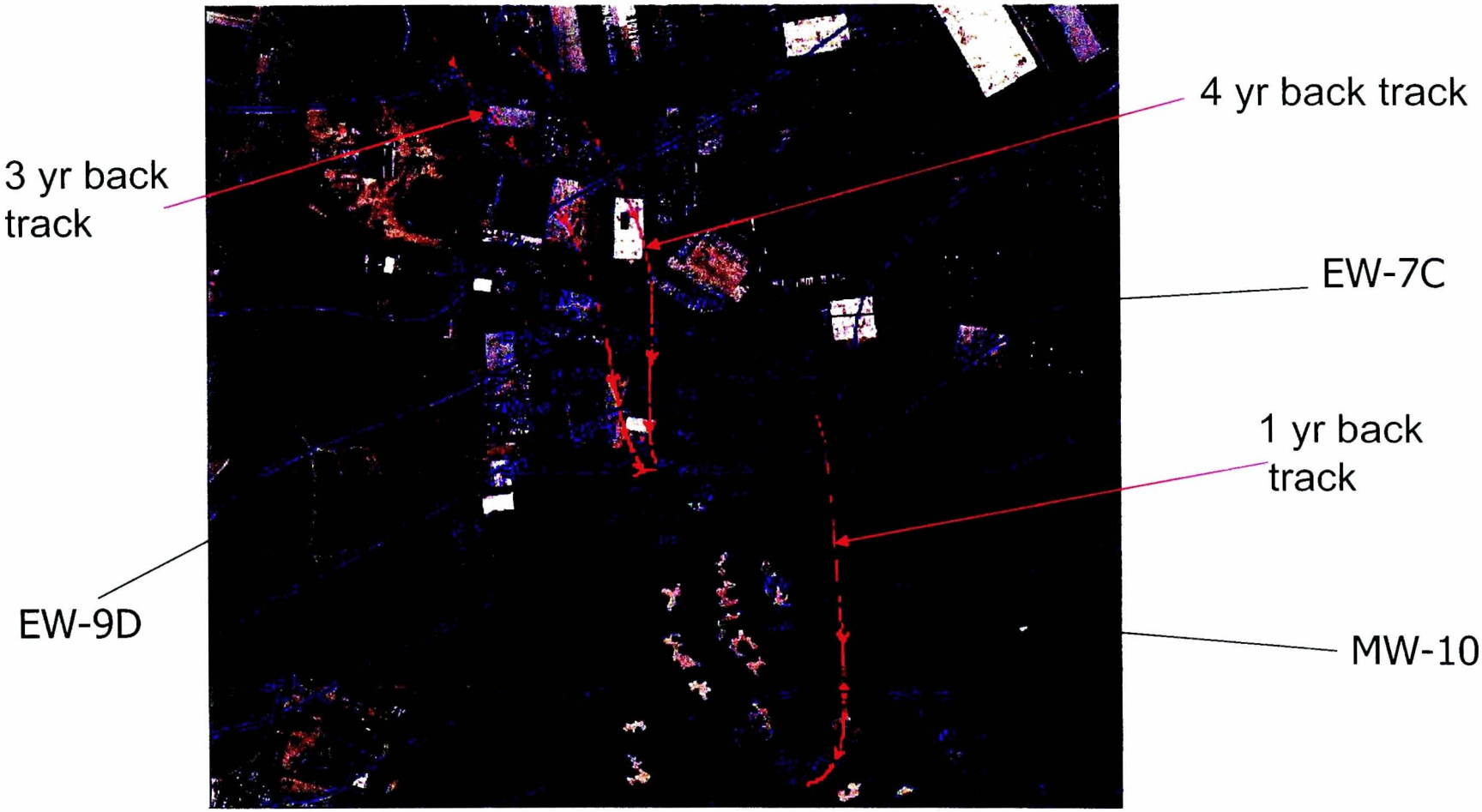


Figure 3-2. Particle Tracking at Zone B from Wells EW-9, EW-7, & MW-10
Backward Track in Pink : Forward Track in red, 1 arrow = 1 yr

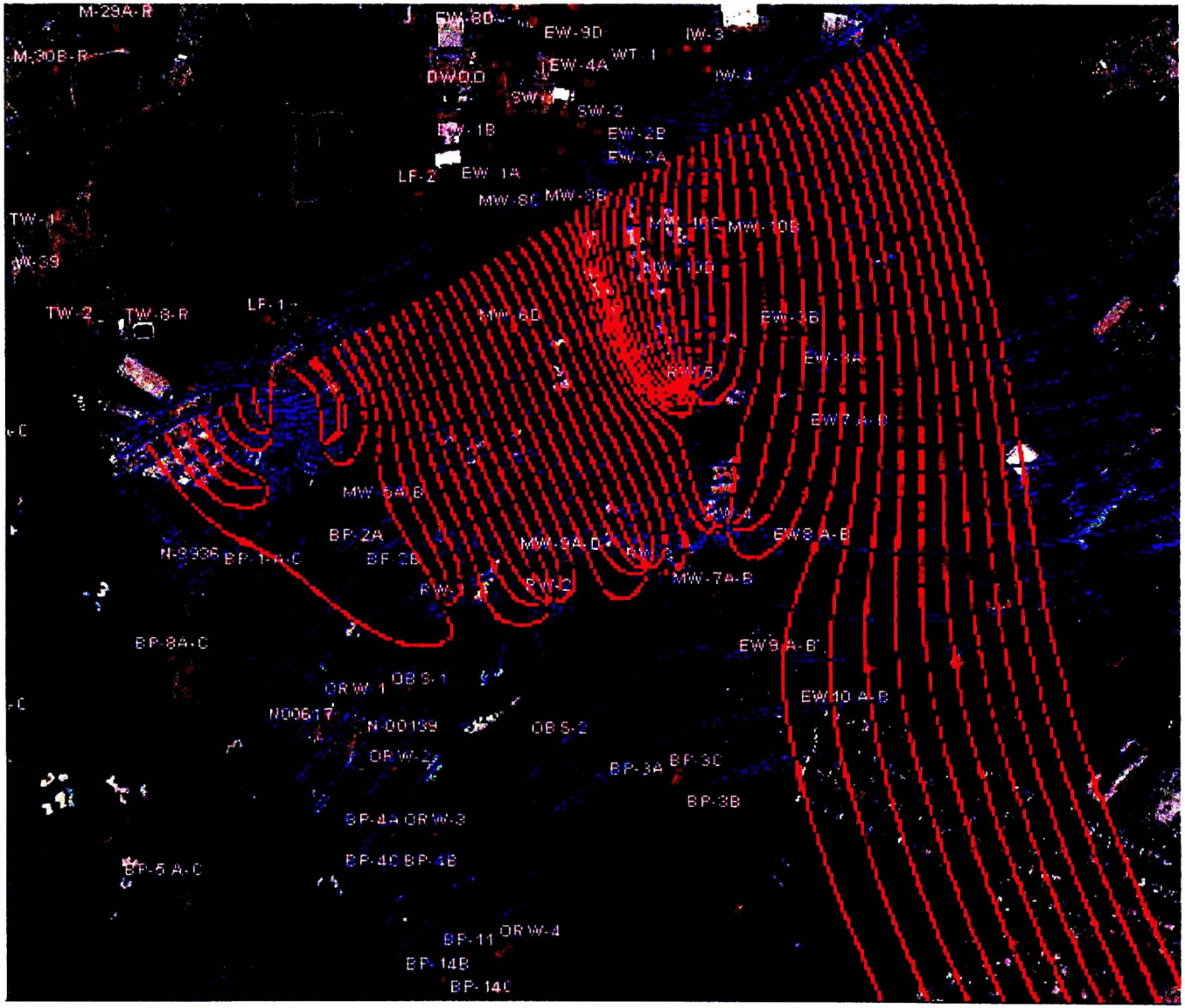


Figure 3-3. Capture Zone Analysis for RW-1,2,3,4, & 5 wells

Blue lines are Groundwater Contours (0.25 ft interval); Red lines are Groundwater flow lines

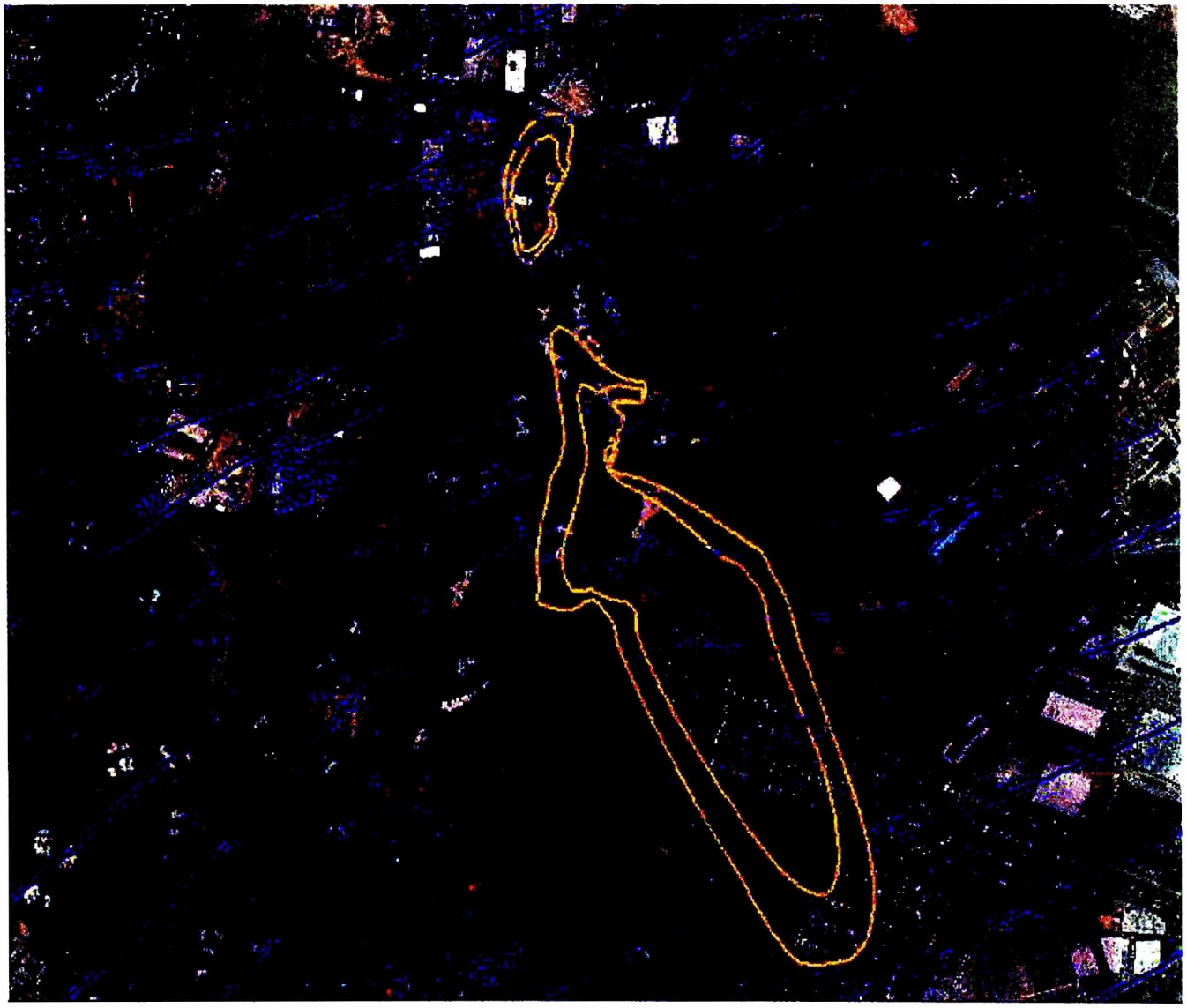


Figure 3-4. USGS MODFLOW/MT3D Predicted TCE Plume in 5 years for Zone A
TCE Plume Map Contour Interval = 5, 10, and 50 ug/L

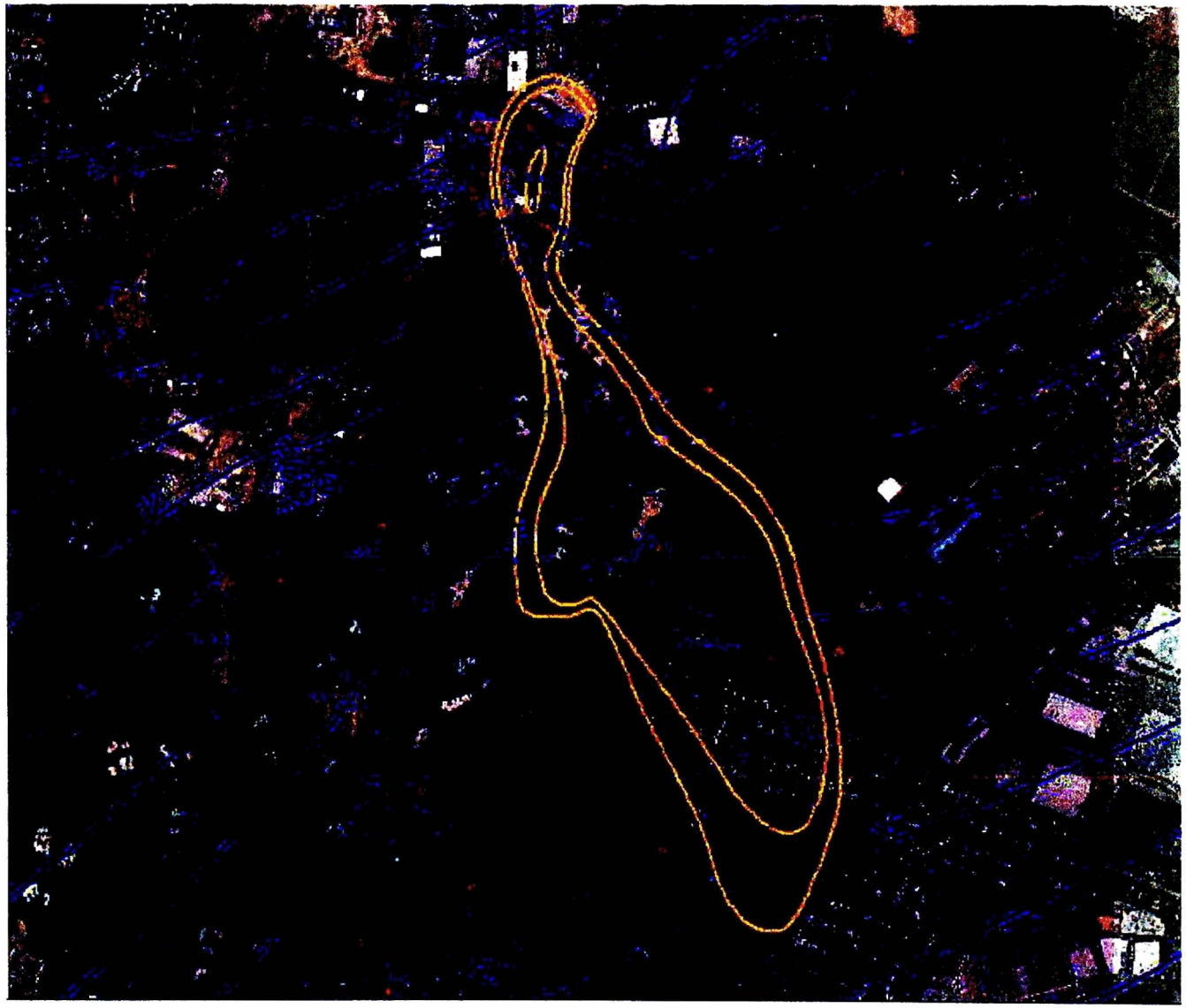


Figure 3-5. USGS MODFLOW/MT3D Predicted TCE plume in 5 years for Zone B
TCE plume map contour interval = 5, 10, and 50 ug/L

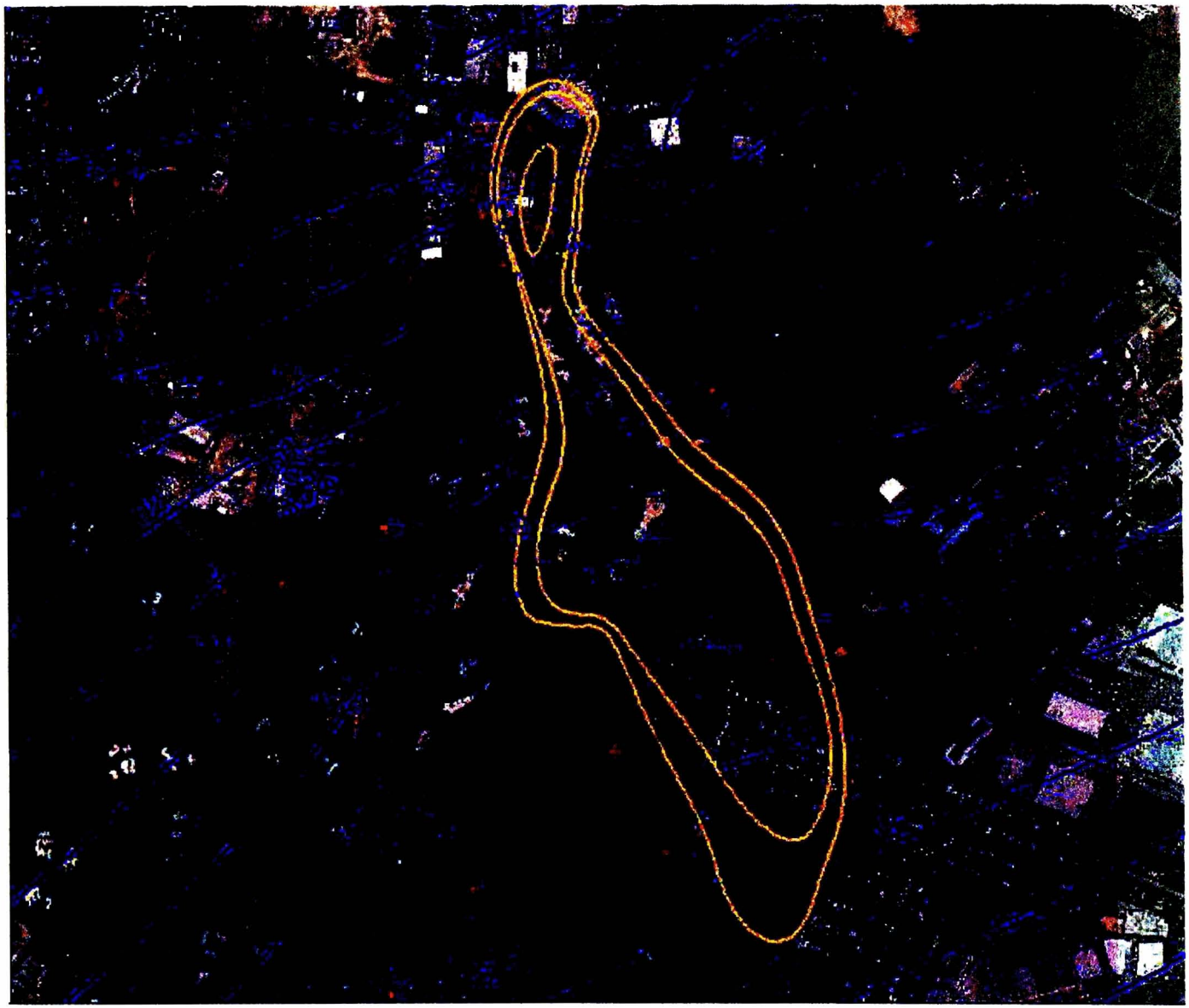


Figure 3-6. USGS MODFLOW/MT3D Predicted TCE Plume in 5 Years for Zone C
TCE plume map contour interval = 5, 10, and 50 ug/L

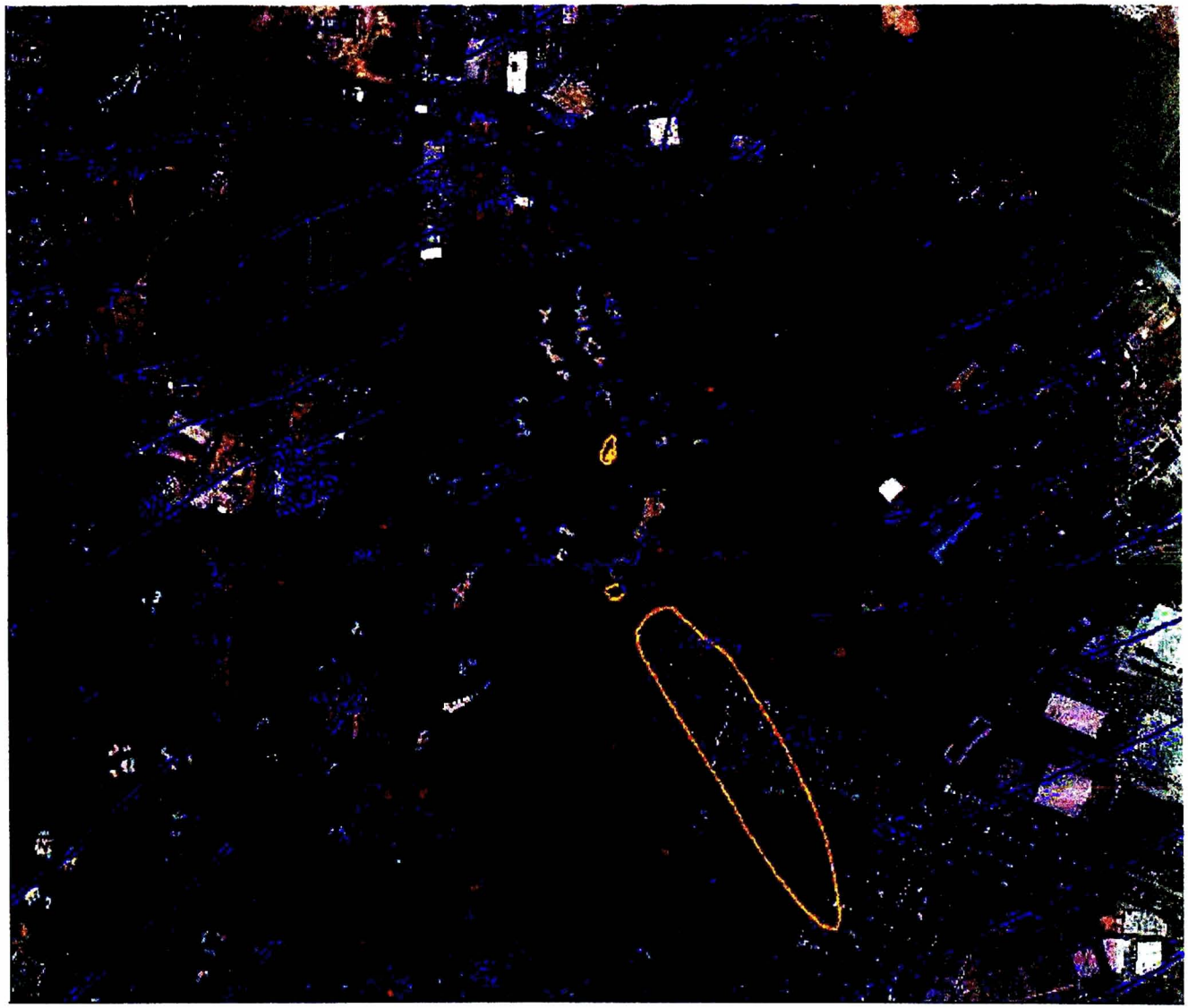


Figure 3-7. USGS MODFLOW/MT3D Predicted TCE Plume in 10 Years for Zone A
TCE plume map contour interval = 1, and 3 ug/L

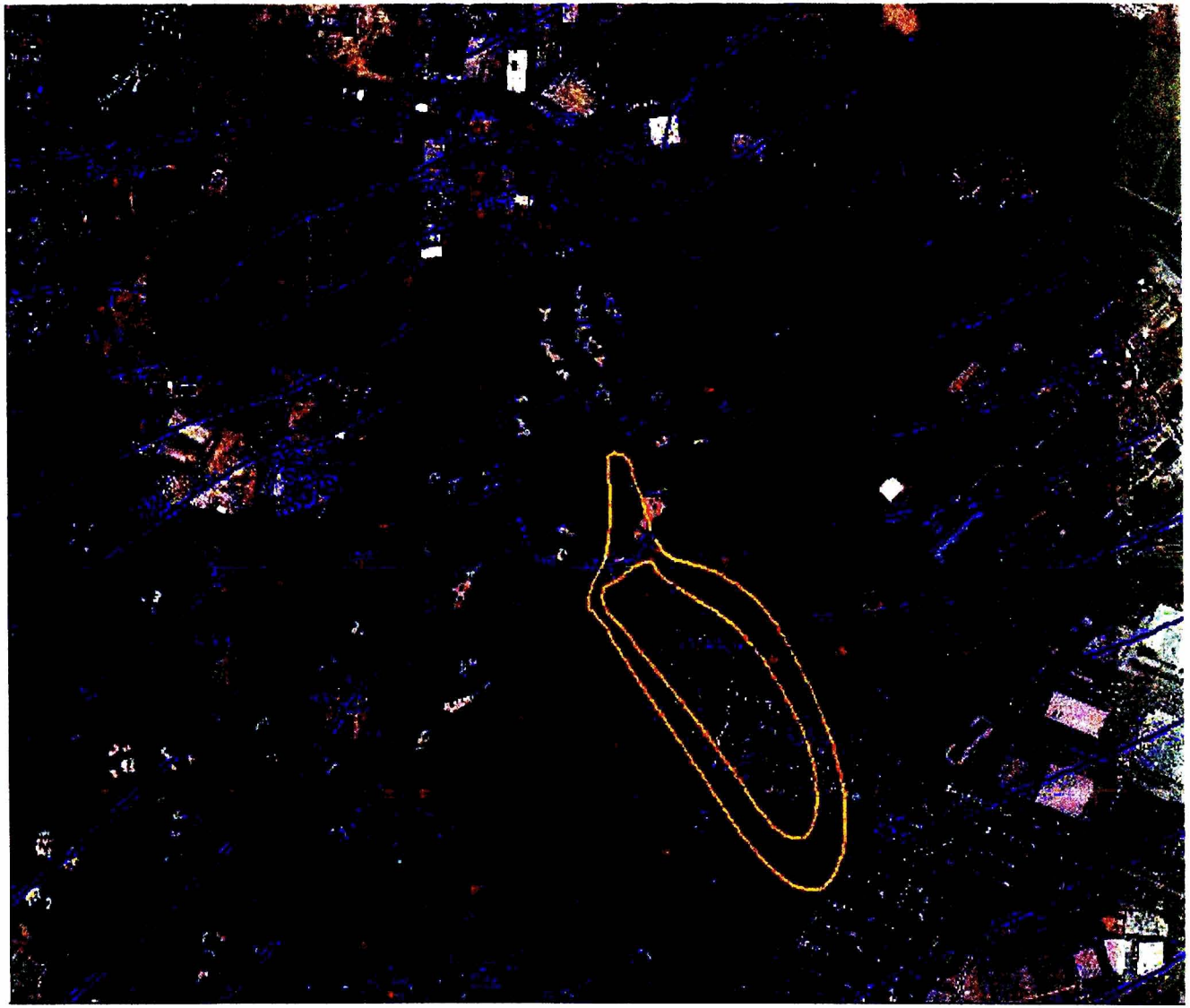


Figure 3-8. USGS MODFLOW/MT3D Predicted TCE Plume in 10 Years for Zone B
TCE plume map contour interval = 1, and 3 ug/L

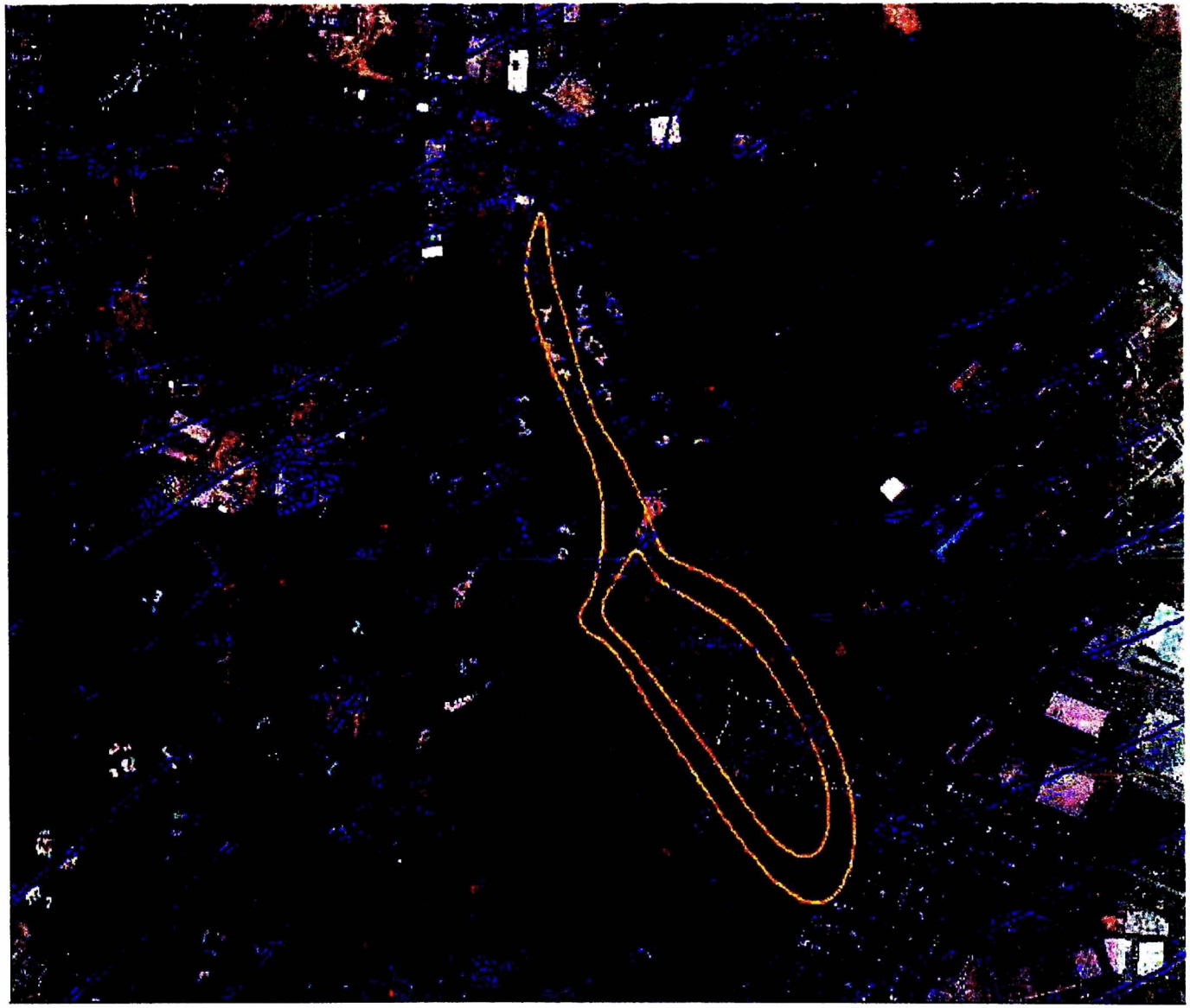


Figure 3-9. USGS MODFLOW/MT3D Predicted TCE Plume in 10 Years for Zone C
TCE plume map contour interval = 1, and 3 ug/L

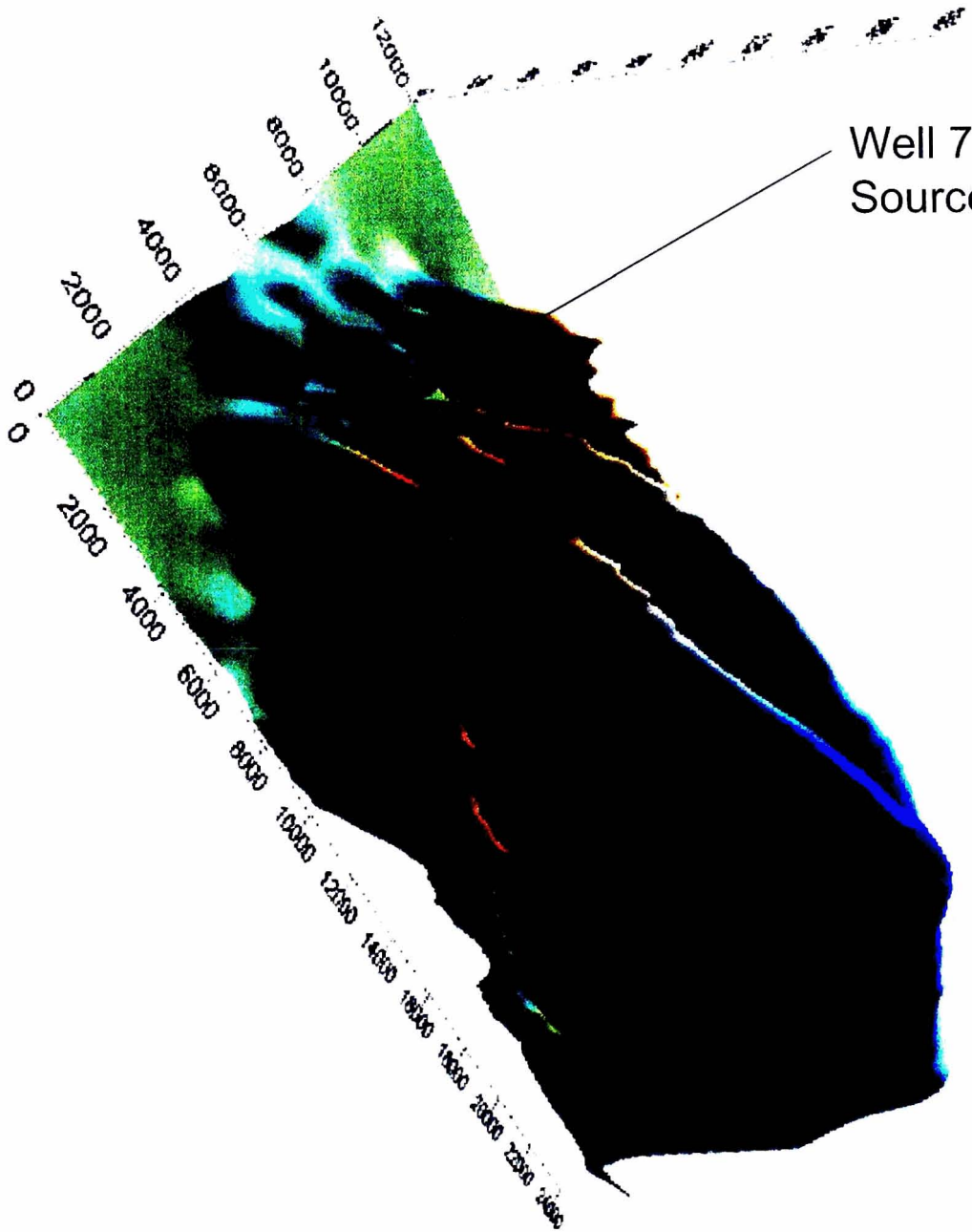


Figure 4-1

Baseline Plume Uncertainty Location Map Before any Monitoring Well Information is Added (Maximum Uncertainty = 1.0)

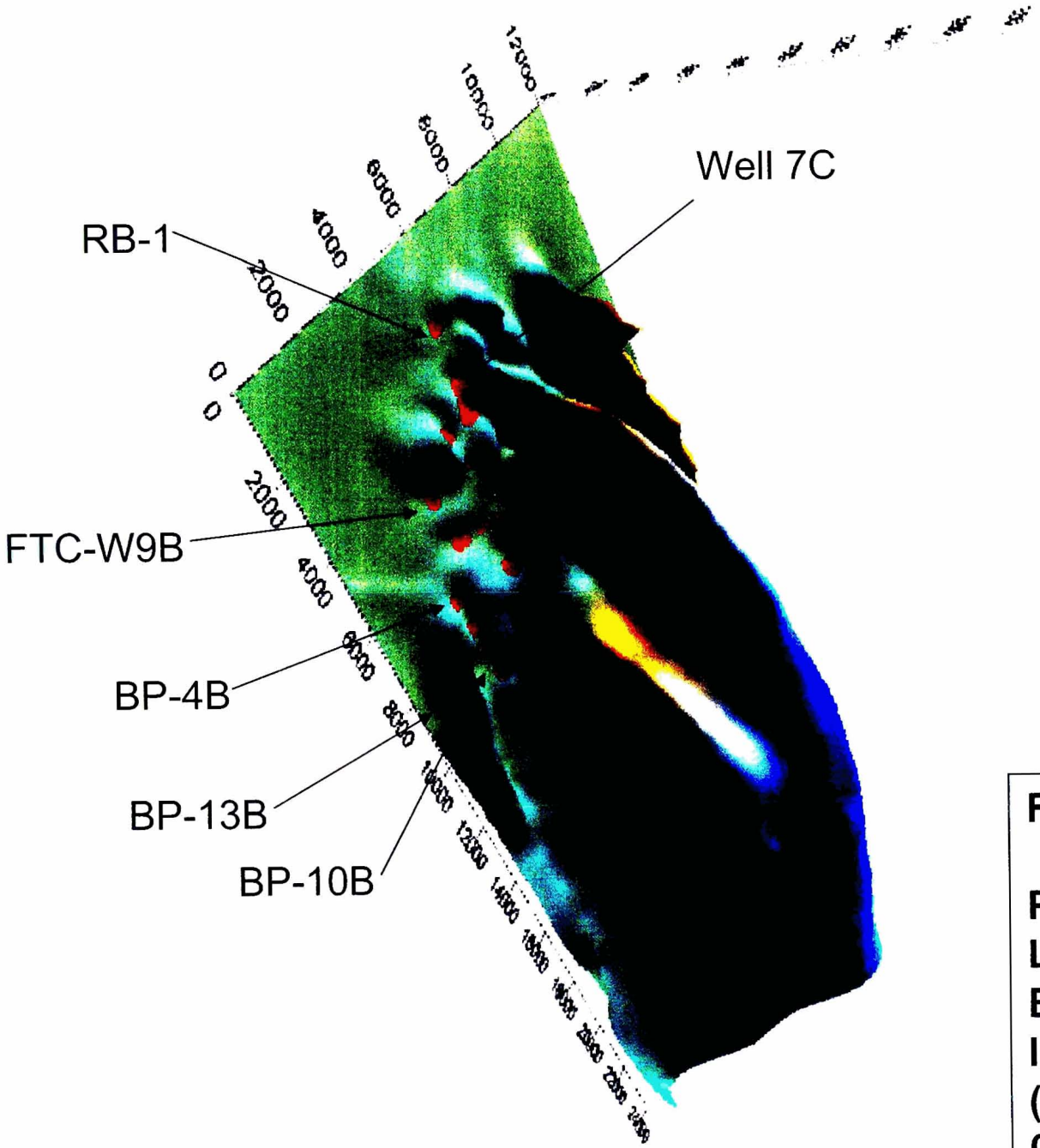


Figure 4-2

Plume Uncertainty Location Map With The Existing Monitoring Well Information Added (Maximum Uncertainty = 0.56)

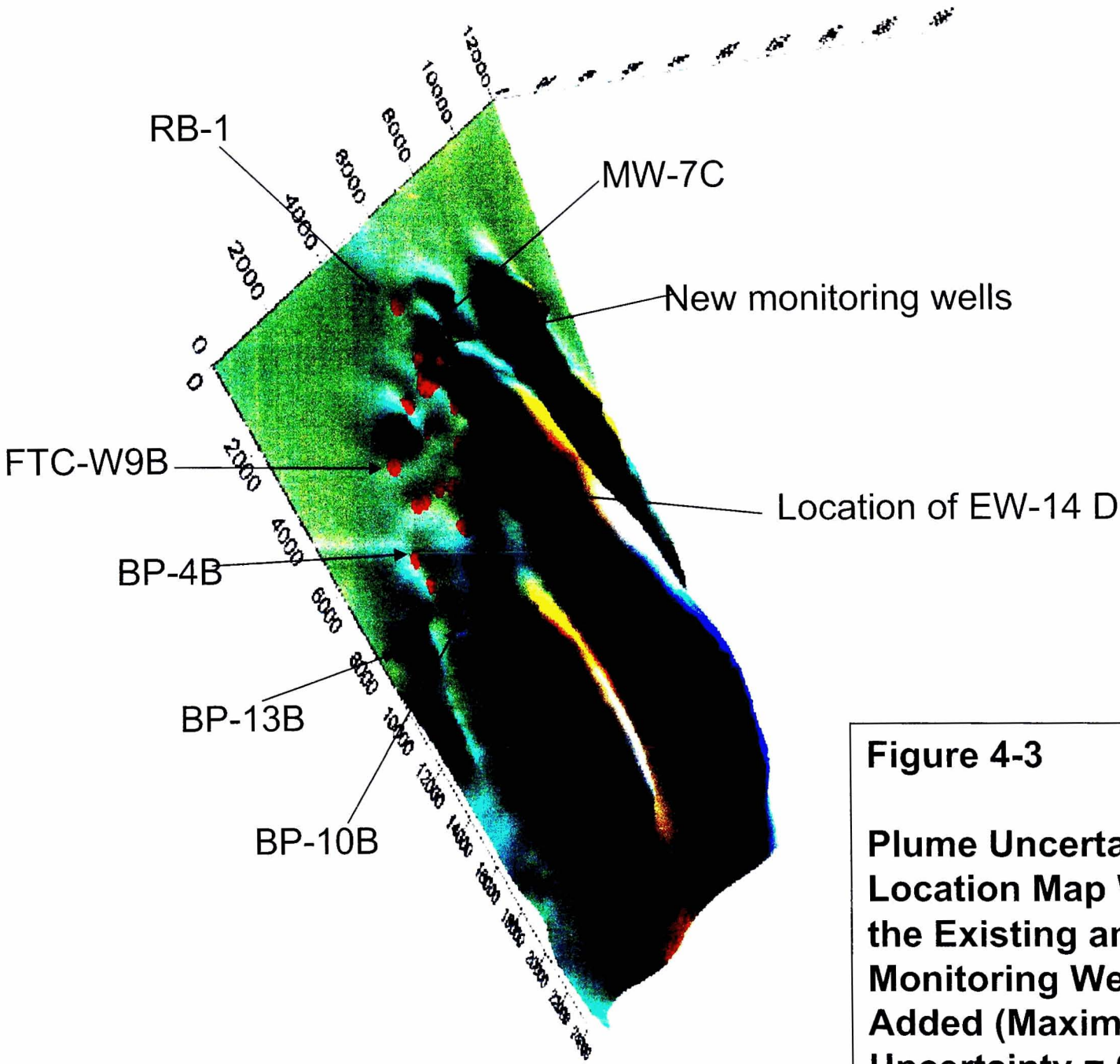


Figure 4-3

Plume Uncertainty Location Map With Both the Existing and New Monitoring Well Locations Added (Maximum Uncertainty = 0.45)

APPENDIX A

STAKEHOLDER REFERENCE SHEET

The following are intended to be a quick reference sheets summarizing the Data Viewer application functionality, and to answer Frequently Asked Questions (FAQ). These reference sheets are also available on the website under "Help."

This website consists of a series of pages which function in progressive manner. Progress/Navigation through the website is tracked by dark blue shaded buttons at the top of each webpage. General progression is from left to right as follows:

Filter --> Pick Samples --> View Results

Additional features are as follows:

- Help page (accessible via "Help" link from each webpage except the opening splash screen).
- View Well and/or Soil Boring log (PDF link available only from the Pick Samples page).
- Download to Excel option (available only from the View Results page).

The following Help sections address the functionality on the progressive pages:

Filter

Description: The Filter page allows the user to build queries and select only those samples or sample locations they are interested in. The user can query by sample date, by data provider, by well id, or any combination of these (and other) fields.

FAQ

- Why does the Filter page rebuild after each click/selection?
  This page dynamically populates each pull down box based on the incremental filter selections made.

- Before I selected an option from one drop down box, I saw several other options in another drop down box. Where did these options go?

  The drop down boxes filter against each other. A selection in one drop down can potentially affect the available choices in all the other drop downs. This functionality assists the user in developing a useful query based on the available records in the database.

- I click the link for "Calendar" but I don't see a calendar window. Where is it?

  Since the calendar window is a popup, you may need to turn off your popup blocker or allow popups under this domain. Please, contact your system administrator if you need assistance. You do not have to use the calendar link to populate the date in the date fields. You may type these in by hand, for example: 12/22/2004.

- How are we supposed to use the date filter?

  The date filter allows the user to specify a sample date before, after, or exactly on a date if the 1st date drop down is selected and the 1st date textbox is filled in. The date filter also allows a user to define a date range, exclude a date range, or include a specific date with the first date option. To use this feature, the user must select the 2nd and 3rd drop downs of the date options. The user must also define the 2nd date textbox.

- How do I clear/remove my filter selections and start over?

  The user needs to navigate to the filter page. If the user clicks the "Filter" button along the top or bottom of the current page, the user will be redirected to the filter page. In this case, there should be no selections made to the drop downs. If the user is already on the filter page, there may already be some selections made. If selections have been made the user needs to click the button labeled "Reset Filters", which will empty out all selections on the page. The user now should continue to select the filter criteria or continue with the search by clicking the "Pick Samples" button.

- How do I view all samples?

  Do not specify any query options on the filter page and proceed straight to the next page by clicking the "Pick Samples" button. Note: Page load times will increase using this option as every sample will be returned on the samples page.

Pick Samples

Description: The Pick Samples page displays all of the available samples based on the filters established on the "Filter" page. Links for available Well and/or Soil Boring Logs are also displayed on this page. The Pick Samples results data is sortable by clicking links at the top of each column heading. Clicking once will sort the results in one direction, clicking the same column again will sort the results in reverse direction.

FAQ

- How is the sample id encoded?

  The sample id is the station id + the sample date + the sample time + QC designation. This scheme creates a unique sample id for each sample.

- Can I sort the data displayed on this page?

  Yes. Simply click the column header to sort ascendingly. Click the same column header again to sort descendingly.

- I'm having trouble sorting by how you described. Why is that?

  You may have javascript disabled. In order for the column headers to sort when clicked, javascript must be enabled in your browser settings.

- Why are some of the data fields blank?

  Blank data fields indicate data that is not available at this time.

- How can I tell how many samples are displayed on this page?

  A record counter is presented at the top of the results grid which displays the number of samples found.

- I click on the well log and/or bore log link and I cannot open the file. What's wrong?

  The well and boring logs hosted on this site are available in PDF format. In order to view these files, you will need to have PDF viewing software installed on your computer. Free PDF viewing software is available for download from Adobe here: http://www.adobe.com/products/acrobat/readstep2.html

View Results

Description: The View page displays all of the available analytical results for the samples selected on the "Pick Samples" page. Note: to speed page load times, results are presented in "paged" format. This page also provides functionality to download the analytical results to an Excel file. The View results data is sortable by clicking links at the top of each column heading. Clicking once will sort the results in one direction, clicking the same column again will sort the results in reverse direction. The View page also allows for incremental filtering of displayed analytical data by Sample, Sample Date, Parameter, and/or Method.

FAQ

- How do these filters work?

  The drop down boxes filter against each other. A selection in one drop down can potentially affect the available choices in all the other drop downs. This functionality assists the user in developing a useful query based on the available records in the database.

- My filter selections do not appear to affect the results displayed or the choices in the other drop downs. Why is this?

  You may have javascript disabled. In order for the filter functionality to work, javascript must be enabled in your browser settings.

- How do I clear/remove my filter selections and get back to my complete list of results?

  There are two ways to do this:
  - Select the first, empty choice from each drop down
  - Click the "Reset Filters" button.

- Why are only some of the analytical results displayed? There should be much more data returned.

  To improve webpage performance, results are presented in "paged" format. At the top left of the page there is an option to specify the "Records per Page". Increasing this option will present more records on each "page", but will slightly increase page load times. To navigate through a large set of analytical results (multiple "pages"), use the page links at the top right of the results under "Page Navigation". Note: page links are also available at the bottom right of the results data.

- I can't jump from page to page using the "record paging" navigation. Why is that?

  You may have javascript disabled. In order for the page function to work properly, javascript must be enabled in your browser settings.

- Can I sort the data displayed on this page?

  Yes. Simply click the column header to sort ascendingly. Click the same column header again to sort descendingly.

- I'm having trouble sorting by how you described. Why is that?

  You may have javascript disabled. In order for the column headers to sort when clicked, javascript must enabled in your browser settings.

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Nassau County	BP-10B	BP-10B-09/27/1999	9/27/1999
Nassau County	BP-10B	BP-10B-04/04/2000	4/4/2000
Nassau County	BP-10B	BP-10B-06/20/2000	6/20/2000
Nassau County	BP-10B	BP-10B-03/29/2001	3/29/2001
Nassau County	BP-10B	BP-10B-06/15/2001	6/15/2001
Nassau County	BP-10B	BP-10B-09/28/2001	9/28/2001
Nassau County	BP-10B	BP-10B-12/05/2001	12/5/2001
Nassau County	BP-10B	BP-10B-03/25/2002	3/25/2002
Nassau County	BP-10B	BP-10B-07/02/2002	7/2/2002
Nassau County	BP-10B	BP-10B-10/01/2002	10/1/2002
Nassau County	BP-10B	BP-10B-12/16/2002	12/16/2002
Nassau County	BP-10B	BP-10B-03/26/2003	3/26/2003
Nassau County	BP-10B	BP-10B-06/30/2003	6/30/2003
Nassau County	BP-10B	BP-10B-10/10/2003	10/10/2003
Nassau County	BP-10B	BP-10B-01/14/2004	1/14/2004
Nassau County	BP-10C	BP-10C-09/27/1999	9/27/1999
Nassau County	BP-10C	BP-10C-04/04/2000	4/4/2000
Nassau County	BP-10C	BP-10C-03/29/2001	3/29/2001
Nassau County	BP-10C	BP-10C-06/15/2001	6/15/2001
Nassau County	BP-10C	BP-10C-09/28/2001	9/28/2001
Nassau County	BP-10C	BP-10C-12/05/2001	12/5/2001
Nassau County	BP-10C	BP-10C-03/25/2002	3/25/2002
Nassau County	BP-10C	BP-10C-07/02/2002	7/2/2002
Nassau County	BP-10C	BP-10C-10/01/2002	10/1/2002
Nassau County	BP-10C	BP-10C-12/16/2002	12/16/2002
Nassau County	BP-10C	BP-10C-03/26/2003	3/26/2003
Nassau County	BP-10C	BP-10C-06/30/2003	6/30/2003
Nassau County	BP-10C	BP-10C-10/10/2003	10/10/2003
Nassau County	BP-10C	BP-10C-01/14/2004	1/14/2004
Nassau County	BP-12A	BP-12A-01/11/2000	1/11/2000
Nassau County	BP-12A	BP-12A-03/30/2000	3/30/2000
Nassau County	BP-12A	BP-12A-06/15/2000	6/15/2000
Nassau County	BP-12A	BP-12A-03/28/2001	3/28/2001
Nassau County	BP-12A	BP-12A-06/15/2001	6/15/2001
Nassau County	BP-12A	BP-12A-10/05/2001	10/5/2001
Nassau County	BP-12A	BP-12A-12/06/2001	12/6/2001
Nassau County	BP-12A	BP-12A-03/26/2002	3/26/2002
Nassau County	BP-12A	BP-12A-06/25/2002	6/25/2002
Nassau County	BP-12A	BP-12A-10/03/2002	10/3/2002
Nassau County	BP-12A	BP-12A-12/17/2002	12/17/2002
Nassau County	BP-12A	BP-12A-03/26/2003	3/26/2003
Nassau County	BP-12A	BP-12A-10/14/2003	10/14/2003
Nassau County	BP-12B	BP-12B-09/24/1999	9/24/1999
Nassau County	BP-12B	BP-12B-01/11/2000	1/11/2000
Nassau County	BP-12B	BP-12B-03/30/2000	3/30/2000
Nassau County	BP-12B	BP-12B-06/15/2000	6/15/2000
Nassau County	BP-12B	BP-12B-03/28/2001	3/28/2001

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Nassau County	BP-12B	BP-12B-06/15/2001	6/15/2001
Nassau County	BP-12B	BP-12B-10/05/2001	10/5/2001
Nassau County	BP-12B	BP-12B-12/06/2001	12/6/2001
Nassau County	BP-12B	BP-12B-03/26/2002	3/26/2002
Nassau County	BP-12B	BP-12B-06/25/2002	6/25/2002
Nassau County	BP-12B	BP-12B-10/03/2002	10/3/2002
Nassau County	BP-12B	BP-12B-12/17/2002	12/17/2002
Nassau County	BP-12B	BP-12B-03/26/2003	3/26/2003
Nassau County	BP-12B	BP-12B-07/01/2003	7/1/2003
Nassau County	BP-12B	BP-12B-10/10/2003	10/10/2003
Nassau County	BP-12B	BP-12B-01/13/2004	1/13/2004
Nassau County	BP-12C	BP-12C-01/11/2000	1/11/2000
Nassau County	BP-12C	BP-12C-04/05/2000	4/5/2000
Nassau County	BP-12C	BP-12C-06/15/2000	6/15/2000
Nassau County	BP-12C	BP-12C-03/28/2001	3/28/2001
Nassau County	BP-12C	BP-12C-06/15/2001	6/15/2001
Nassau County	BP-12C	BP-12C-10/05/2001	10/5/2001
Nassau County	BP-12C	BP-12C-12/06/2001	12/6/2001
Nassau County	BP-12C	BP-12C-03/26/2002	3/26/2002
Nassau County	BP-12C	BP-12C-06/25/2002	6/25/2002
Nassau County	BP-12C	BP-12C-10/03/2002	10/3/2002
Nassau County	BP-12C	BP-12C-12/10/2002	12/10/2002
Nassau County	BP-12C	BP-12C-03/26/2003	3/26/2003
Nassau County	BP-12C	BP-12C-07/01/2003	7/1/2003
Nassau County	BP-12C	BP-12C-10/10/2003	10/10/2003
Nassau County	BP-12C	BP-12C-01/13/2004	1/13/2004
Nassau County	BP-13B	BP-13B-02/01/2000	2/1/2000
Nassau County	BP-13B	BP-13B-02/11/2000	2/11/2000
Nassau County	BP-13B	BP-13B-04/06/2000	4/6/2000
Nassau County	BP-13B	BP-13B-06/19/2000	6/19/2000
Nassau County	BP-13B	BP-13B-04/05/2001	4/5/2001
Nassau County	BP-13B	BP-13B-06/18/2001	6/18/2001
Nassau County	BP-13B	BP-13B-10/04/2001	10/4/2001
Nassau County	BP-13B	BP-13B-12/06/2001	12/6/2001
Nassau County	BP-13B	BP-13B-03/28/2002	3/28/2002
Nassau County	BP-13B	BP-13B-06/27/2002	6/27/2002
Nassau County	BP-13B	BP-13B-10/04/2002	10/4/2002
Nassau County	BP-13B	BP-13B-12/19/2002	12/19/2002
Nassau County	BP-13B	BP-13B-03/27/2003	3/27/2003
Nassau County	BP-13B	BP-13B-07/02/2003	7/2/2003
Nassau County	BP-13B	BP-13B-10/14/2003	10/14/2003
Nassau County	BP-13B	BP-13B-01/12/2004	1/12/2004
Nassau County	BP-13C	BP-13C-02/01/2000	2/1/2000
Nassau County	BP-13C	BP-13C-04/06/2000	4/6/2000
Nassau County	BP-13C	BP-13C-06/19/2000	6/19/2000
Nassau County	BP-13C	BP-13C-04/05/2001	4/5/2001
Nassau County	BP-13C	BP-13C-06/18/2001	6/18/2001

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Nassau County	BP-13C	BP-13C-10/04/2001	10/4/2001
Nassau County	BP-13C	BP-13C-12/06/2001	12/6/2001
Nassau County	BP-13C	BP-13C-03/28/2002	3/28/2002
Nassau County	BP-13C	BP-13C-06/27/2002	6/27/2002
Nassau County	BP-13C	BP-13C-10/04/2002	10/4/2002
Nassau County	BP-13C	BP-13C-12/19/2002	12/19/2002
Nassau County	BP-13C	BP-13C-03/27/2003	3/27/2003
Nassau County	BP-13C	BP-13C-07/02/2003	7/2/2003
Nassau County	BP-13C	BP-13C-10/14/2003	10/14/2003
Nassau County	BP-13C	BP-13C-01/12/2004	1/12/2004
Nassau County	BP-14B	BP-14B-08/08/2002	8/8/2002
Nassau County	BP-14B	BP-14B-10/30/2002	10/30/2002
Nassau County	BP-14B	BP-14B-12/16/2002	12/16/2002
Nassau County	BP-14B	BP-14B-03/25/2003	3/25/2003
Nassau County	BP-14B	BP-14B-07/01/2003	7/1/2003
Nassau County	BP-14B	BP-14B-10/09/2003	10/9/2003
Nassau County	BP-14B	BP-14B-01/14/2004	1/14/2004
Nassau County	BP-14C	BP-14C-08/08/2002	8/8/2002
Nassau County	BP-14C	BP-14C-10/03/2002	10/3/2002
Nassau County	BP-14C	BP-14C-12/16/2002	12/16/2002
Nassau County	BP-14C	BP-14C-03/25/2003	3/25/2003
Nassau County	BP-14C	BP-14C-07/01/2003	7/1/2003
Nassau County	BP-14C	BP-14C-10/09/2003	10/9/2003
Nassau County	BP-14C	BP-14C-01/14/2004	1/14/2004
Nassau County	BP-2A	BP-2A-06/21/2000	6/21/2000
Nassau County	BP-2A	BP-2A-06/19/2001	6/19/2001
Nassau County	BP-2A	BP-2A-07/10/2002	7/10/2002
Nassau County	BP-2A	BP-2A-07/28/2003	7/28/2003
Nassau County	BP-2B	BP-2B-09/27/1999	9/27/1999
Nassau County	BP-2B	BP-2B-04/04/2000	4/4/2000
Nassau County	BP-2B	BP-2B-06/20/2000	6/20/2000
Nassau County	BP-2B	BP-2B-03/29/2001	3/29/2001
Nassau County	BP-2B	BP-2B-06/19/2001	6/19/2001
Nassau County	BP-2B	BP-2B-09/28/2001	9/28/2001
Nassau County	BP-2B	BP-2B-12/05/2001	12/5/2001
Nassau County	BP-2B	BP-2B-03/25/2002	3/25/2002
Nassau County	BP-2B	BP-2B-07/10/2002	7/10/2002
Nassau County	BP-2B	BP-2B-10/01/2002	10/1/2002
Nassau County	BP-2B	BP-2B-12/17/2002	12/17/2002
Nassau County	BP-2B	BP-2B-03/25/2003	3/25/2003
Nassau County	BP-2B	BP-2B-07/02/2003	7/2/2003
Nassau County	BP-2B	BP-2B-10/09/2003	10/9/2003
Nassau County	BP-3A	BP-3A-04/14/2003	4/14/2003
Nassau County	BP-3A	BP-3A-07/30/2003	7/30/2003
USEPA	BP-3A	BP-3A-04/21/2004-11:03:00	4/21/2004
USEPA	BP-3A	BP-3A-07/21/2004-11:50:00	7/21/2004
USEPA	BP-3A	BP-3A-10/21/2004-11:04:00	10/21/2004

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
USEPA	BP-3A	BP-3A-02/23/2005-10:16:00	2/23/2005
USEPA	BP-3A	BP-3A-04/14/2005-10:10:00	4/14/2005
USEPA	BP-3A	BP-3A-07/21/2005-12:50:00	7/21/2005
USEPA	BP-3A	BP-3A-10/06/2005-10:30:00	10/6/2005
Nassau County	BP-3B	BP-3B-11/01/1990	11/1/1990
Nassau County	BP-3B	BP-3B-12/01/1993	12/1/1993
Nassau County	BP-3B	BP-3B-04/01/1996	4/1/1996
Nassau County	BP-3B	BP-3B-06/01/1996	6/1/1996
Nassau County	BP-3B	BP-3B-10/25/2002	10/25/2002
Nassau County	BP-3B	BP-3B-04/14/2003	4/14/2003
Nassau County	BP-3B	BP-3B-07/29/2003	7/29/2003
Nassau County	BP-3B	BP-3B-10/20/2003	10/20/2003
Nassau County	BP-3B	BP-3B-10/20/2003-FD	10/20/2003
USEPA	BP-3B	BP-3B-04/21/2004-11:30:00	4/21/2004
USEPA	BP-3B	BP-3B-04/21/2004-11:30:00-DL	4/21/2004
USEPA	BP-3B	BP-3B-07/21/2004-12:15:00	7/21/2004
USEPA	BP-3B	BP-3B-10/21/2004-11:35:00	10/21/2004
USEPA	BP-3B	BP-3B-02/24/2005-11:29:00	2/24/2005
USEPA	BP-3B	BP-3B-02/24/2005-11:29:00-DL	2/24/2005
USEPA	BP-3B	BP-3B-04/14/2005-11:00:00	4/14/2005
USEPA	BP-3B	BP-3B-04/14/2005-11:00:00-DL	4/14/2005
USEPA	BP-3B	BP-3B-07/21/2005-13:20:00	7/21/2005
USEPA	BP-3B	BP-3B-10/06/2005-11:10:00	10/6/2005
USEPA	BP-3B	BP-3B-10/06/2005-11:10:00-DL	10/6/2005
Nassau County	BP-3C	BP-3C-11/01/1990	11/1/1990
Nassau County	BP-3C	BP-3C-12/01/1993	12/1/1993
Nassau County	BP-3C	BP-3C-04/01/1996	4/1/1996
Nassau County	BP-3C	BP-3C-10/25/2002	10/25/2002
Nassau County	BP-3C	BP-3C-04/14/2003	4/14/2003
Nassau County	BP-3C	BP-3C-07/29/2003	7/29/2003
Nassau County	BP-3C	BP-3C-10/20/2003	10/20/2003
Nassau County	BP-3C	BP-3C-10/20/2003-FD	10/20/2003
USEPA	BP-3C	BP-3C-04/21/2004-12:10:00	4/21/2004
USEPA	BP-3C	BP-3C-04/21/2004-12:10:00-DL	4/21/2004
USEPA	BP-3C	BP-3C-07/21/2004-12:40:00	7/21/2004
USEPA	BP-3C	BP-3C-07/21/2004-12:40:00-DL	7/21/2004
USEPA	BP-3C	BP-3C-10/21/2004-11:55:00	10/21/2004
USEPA	BP-3C	BP-3C-02/24/2005-11:01:00	2/24/2005
USEPA	BP-3C	BP-3C-02/24/2005-11:01:00-DL	2/24/2005
USEPA	BP-3C	BP-3C-04/14/2005-11:05:00	4/14/2005
USEPA	BP-3C	BP-3C-07/21/2005-13:30:00	7/21/2005
USEPA	BP-3C	BP-3C-07/21/2005-13:30:00-DL	7/21/2005
USEPA	BP-3C	BP-3C-10/06/2005-11:05:00	10/6/2005
USEPA	BP-3C	BP-3C-10/06/2005-11:05:00-DL	10/6/2005
Nassau County	BP-4B	BP-4B-09/27/1999	9/27/1999
Nassau County	BP-4B	BP-4B-04/05/2000	4/5/2000
Nassau County	BP-4B	BP-4B-06/19/2000	6/19/2000

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Nassau County	BP-4B	BP-4B-04/05/2001	4/5/2001
Nassau County	BP-4B	BP-4B-06/15/2001	6/15/2001
Nassau County	BP-4B	BP-4B-10/05/2001	10/5/2001
Nassau County	BP-4B	BP-4B-12/05/2001	12/5/2001
Nassau County	BP-4B	BP-4B-03/25/2002	3/25/2002
Nassau County	BP-4B	BP-4B-06/25/2002	6/25/2002
Nassau County	BP-4B	BP-4B-10/03/2002	10/3/2002
Nassau County	BP-4B	BP-4B-12/17/2002	12/17/2002
Nassau County	BP-4B	BP-4B-03/27/2003	3/27/2003
Nassau County	BP-4B	BP-4B-07/07/2003	7/7/2003
Nassau County	BP-4B	BP-4B-10/10/2003	10/10/2003
Nassau County	BP-4B	BP-4B-01/13/2004	1/13/2004
Nassau County	BP-4C	BP-4C-09/27/1999	9/27/1999
Nassau County	BP-4C	BP-4C-04/05/2000	4/5/2000
Nassau County	BP-4C	BP-4C-06/19/2000	6/19/2000
Nassau County	BP-4C	BP-4C-04/05/2001	4/5/2001
Nassau County	BP-4C	BP-4C-06/15/2001	6/15/2001
Nassau County	BP-4C	BP-4C-10/05/2001	10/5/2001
Nassau County	BP-4C	BP-4C-12/05/2001	12/5/2001
Nassau County	BP-4C	BP-4C-03/25/2002	3/25/2002
Nassau County	BP-4C	BP-4C-06/25/2002	6/25/2002
Nassau County	BP-4C	BP-4C-10/03/2002	10/3/2002
Nassau County	BP-4C	BP-4C-03/28/2003	3/28/2003
Nassau County	BP-4C	BP-4C-07/07/2003	7/7/2003
Nassau County	BP-4C	BP-4C-10/10/2003	10/10/2003
Nassau County	BP-9B	BP-9B-09/24/1999	9/24/1999
Nassau County	BP-9B	BP-9B-03/31/2000	3/31/2000
Nassau County	BP-9B	BP-9B-06/16/2000	6/16/2000
Nassau County	BP-9B	BP-9B-03/28/2001	3/28/2001
Nassau County	BP-9B	BP-9B-06/15/2001	6/15/2001
Nassau County	BP-9B	BP-9B-10/04/2001	10/4/2001
Nassau County	BP-9B	BP-9B-12/06/2001	12/6/2001
Nassau County	BP-9B	BP-9B-03/25/2002	3/25/2002
Nassau County	BP-9B	BP-9B-06/27/2002	6/27/2002
Nassau County	BP-9B	BP-9B-10/01/2002	10/1/2002
Nassau County	BP-9B	BP-9B-12/16/2002	12/16/2002
Nassau County	BP-9B	BP-9B-03/28/2003	3/28/2003
Nassau County	BP-9B	BP-9B-06/30/2003	6/30/2003
Nassau County	BP-9B	BP-9B-10/08/2003	10/8/2003
Nassau County	BP-9B	BP-9B-01/13/2004	1/13/2004
Nassau County	BP-9C	BP-9C-09/24/1999	9/24/1999
Nassau County	BP-9C	BP-9C-03/31/2000	3/31/2000
Nassau County	BP-9C	BP-9C-06/16/2000	6/16/2000
Nassau County	BP-9C	BP-9C-03/28/2001	3/28/2001
Nassau County	BP-9C	BP-9C-06/15/2001	6/15/2001
Nassau County	BP-9C	BP-9C-10/04/2001	10/4/2001
Nassau County	BP-9C	BP-9C-12/19/2001	12/19/2001

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Nassau County	BP-9C	BP-9C-03/25/2002	3/25/2002
Nassau County	BP-9C	BP-9C-06/27/2002	6/27/2002
Nassau County	BP-9C	BP-9C-03/28/2003	3/28/2003
Nassau County	BP-9C	BP-9C-10/15/2003	10/15/2003
USEPA	DW-1	DW-1-03/01/1986	3/1/1986
USEPA	DW-1	DW-1-06/01/1986	6/1/1986
USEPA	DW-1	DW-1-04/01/1989	4/1/1989
USEPA	DW-1	DW-1-06/01/1989	6/1/1989
USEPA	DW-1	DW-1-07/01/1992	7/1/1992
USEPA	DW-1	DW-1-05/25/2000	5/25/2000
USEPA	DW-1	DW-1-09/13/2000	9/13/2000
USEPA	DW-1	DW-1-02/13/2001	2/13/2001
USEPA	DW-1	DW-1-05/29/2001	5/29/2001
USEPA	DW-1	DW-1-08/20/2001	8/20/2001
USEPA	DW-1	DW-1-11/06/2001	11/6/2001
USEPA	DW-1	DW-1-11/06/2001-FD	11/6/2001
USEPA	DW-1	DW-1-02/11/2002	2/11/2002
USEPA	DW-1	DW-1-05/16/2002	5/16/2002
USEPA	DW-1	DW-1-08/05/2002	8/5/2002
USEPA	DW-1	DW-1-10/22/2002	10/22/2002
USEPA	DW-1	DW-1-01/21/2003	1/21/2003
USEPA	DW-1	DW-1-04/16/2003	4/16/2003
USEPA	DW-1	DW-1-07/29/2003	7/29/2003
USEPA	DW-1	DW-1-10/21/2003	10/21/2003
USEPA	DW-1	DW-1-01/19/2004-11:15:00	1/19/2004
USEPA	DW-1	DW-1-04/21/2004-06:37:00-TB	4/21/2004
USEPA	DW-1	DW-1-04/21/2004-08:20:00	4/21/2004
USEPA	DW-1	DW-1-07/21/2004-15:45:00	7/21/2004
USEPA	DW-1	DW-1-10/20/2004-13:10:00	10/20/2004
USEPA	DW-1	DW-1-02/21/2005-10:49:00	2/21/2005
USEPA	DW-1	DW-1-04/14/2005-13:20:00	4/14/2005
USEPA	DW-1	DW-1-04/14/2005-13:25:00-FR	4/14/2005
USEPA	DW-1	DW-1-07/20/2005-15:35:00	7/20/2005
USEPA	DW-1	DW-1-10/05/2005-13:50:00	10/5/2005
USEPA	DW-2	DW-2-03/01/1986	3/1/1986
USEPA	DW-2	DW-2-06/01/1986	6/1/1986
USEPA	DW-2	DW-2-04/01/1989	4/1/1989
USEPA	DW-2	DW-2-06/01/1989	6/1/1989
USEPA	DW-2	DW-2-07/01/1992	7/1/1992
USEPA	DW-2	DW-2-05/24/2000	5/24/2000
USEPA	DW-2	DW-2-09/13/2000	9/13/2000
USEPA	DW-2	DW-2-02/13/2001	2/13/2001
USEPA	DW-2	DW-2-05/29/2001	5/29/2001
USEPA	DW-2	DW-2-08/20/2001	8/20/2001
USEPA	DW-2	DW-2-11/07/2001	11/7/2001
USEPA	DW-2	DW-2-02/11/2002	2/11/2002
USEPA	DW-2	DW-2-05/15/2002	5/15/2002

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
USEPA	DW-2	DW-2-08/05/2002	8/5/2002
USEPA	DW-2	DW-2-10/22/2002	10/22/2002
USEPA	DW-2	DW-2-01/21/2003	1/21/2003
USEPA	DW-2	DW-2-01/21/2003-FD	1/21/2003
USEPA	DW-2	DW-2-04/15/2003	4/15/2003
USEPA	DW-2	DW-2-07/28/2003	7/28/2003
USEPA	DW-2	DW-2-10/22/2003	10/22/2003
USEPA	DW-2	DW-2-01/21/2004-10:56:00	1/21/2004
USEPA	DW-2	DW-2-04/20/2004-14:40:00	4/20/2004
USEPA	DW-2	DW-2-07/21/2004-14:40:00	7/21/2004
USEPA	DW-2	DW-2-07/22/2004-14:40:00	7/22/2004
USEPA	DW-2	DW-2-10/20/2004-11:38:00	10/20/2004
USEPA	DW-2	DW-2-02/21/2005-11:56:00	2/21/2005
USEPA	DW-2	DW-2-04/13/2005-12:15:00	4/13/2005
USEPA	DW-2	DW-2-07/20/2005-10:05:00	7/20/2005
USEPA	DW-2	DW-2-10/05/2005-11:10:00	10/5/2005
USEPA	EW-1A	EW-1A-04/01/1989	4/1/1989
USEPA	EW-1A	EW-1A-06/01/1989	6/1/1989
USEPA	EW-1A	EW-1A-07/01/1992	7/1/1992
USEPA	EW-1A	EW-1A-05/25/2000	5/25/2000
USEPA	EW-1A	EW-1A-09/12/2000	9/12/2000
USEPA	EW-1A	EW-1A-02/12/2001	2/12/2001
USEPA	EW-1A	EW-1A-05/24/2001	5/24/2001
USEPA	EW-1A	EW-1A-08/21/2001	8/21/2001
USEPA	EW-1A	EW-1A-11/05/2001	11/5/2001
USEPA	EW-1A	EW-1A-02/14/2002	2/14/2002
USEPA	EW-1A	EW-1A-05/16/2002	5/16/2002
USEPA	EW-1A	EW-1A-08/06/2002	8/6/2002
USEPA	EW-1A	EW-1A-01/22/2003	1/22/2003
USEPA	EW-1A	EW-1A-04/16/2003	4/16/2003
USEPA	EW-1A	EW-1A-04/16/2003-FD	4/16/2003
USEPA	EW-1A	EW-1A-07/29/2003	7/29/2003
USEPA	EW-1A	EW-1A-07/29/2003-FD	7/29/2003
USEPA	EW-1A	EW-1A-10/22/2003	10/22/2003
USEPA	EW-1A	EW-1A-01/20/2004-08:00:00-TB	1/20/2004
USEPA	EW-1A	EW-1A-01/20/2004-08:45:00	1/20/2004
USEPA	EW-1A	EW-1A-01/20/2004-08:45:00-DL	1/20/2004
USEPA	EW-1A	EW-1A-01/20/2004-08:58:00	1/20/2004
USEPA	EW-1A	EW-1A-01/20/2004-08:58:00-FR	1/20/2004
USEPA	EW-1A	EW-1A-01/20/2004-08:58:00-FR-DL	1/20/2004
USEPA	EW-1A	EW-1A-01/20/2004-08:58:00-LR	1/20/2004
USEPA	EW-1A	EW-1A-01/20/2004-08:58:00-MS	1/20/2004
USEPA	EW-1A	EW-1A-04/12/2004-12:00:00-FR	4/12/2004
USEPA	EW-1A	EW-1A-04/19/2004-10:20:00-TB	4/19/2004
USEPA	EW-1A	EW-1A-04/19/2004-11:50:00	4/19/2004
USEPA	EW-1A	EW-1A-04/19/2004-11:50:00-DL	4/19/2004
USEPA	EW-1A	EW-1A-04/19/2004-11:50:00-FS	4/19/2004

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
USEPA	EW-1A	EW-1A-04/19/2004-12:00:00-FR	4/19/2004
USEPA	EW-1A	EW-1A-04/19/2004-12:00:00-FR-DL	4/19/2004
USEPA	EW-1A	EW-1A-07/20/2004-10:55:00	7/20/2004
USEPA	EW-1A	EW-1A-07/20/2004-10:55:00-DL	7/20/2004
USEPA	EW-1A	EW-1A-10/19/2004-11:45:00	10/19/2004
USEPA	EW-1A	EW-1A-10/19/2004-11:45:00-DL	10/19/2004
USEPA	EW-1A	EW-1A-02/22/2005-08:48:00	2/22/2005
USEPA	EW-1A	EW-1A-04/11/2005-08:00:00-TB	4/11/2005
USEPA	EW-1A	EW-1A-04/11/2005-09:05:00	4/11/2005
USEPA	EW-1A	EW-1A-04/11/2005-09:05:00-DL	4/11/2005
USEPA	EW-1A	EW-1A-07/18/2005-09:25:00	7/18/2005
USEPA	EW-1A	EW-1A-07/18/2005-09:25:00-	7/18/2005
USEPA	EW-1A	EW-1A-07/18/2005-09:25:00--DL	7/18/2005
USEPA	EW-1A	EW-1A-07/18/2005-09:25:00-DL	7/18/2005
USEPA	EW-1A	EW-1A-07/18/2005-09:35:00-FR	7/18/2005
USEPA	EW-1A	EW-1A-07/18/2005-09:35:00-FR-DL	7/18/2005
USEPA	EW-1A	EW-1A-10/03/2005-10:20:00	10/3/2005
USEPA	EW-1A	EW-1A-10/03/2005-10:20:00-DL	10/3/2005
USEPA	EW-1A	EW-1A-10/03/2005-10:20:00-FS	10/3/2005
USEPA	EW-1A	EW-1A-10/03/2005-10:20:00-FS-DL	10/3/2005
USEPA	EW-1A	EW-1A-10/04/2005-10:35:00-FR	10/4/2005
USEPA	EW-1A	EW-1A-10/04/2005-10:35:00-FR-DL	10/4/2005
USEPA	EW-1B	EW-1B-04/01/1989	4/1/1989
USEPA	EW-1B	EW-1B-06/01/1989	6/1/1989
USEPA	EW-1B	EW-1B-07/01/1992	7/1/1992
USEPA	EW-1B	EW-1B-05/25/2000	5/25/2000
USEPA	EW-1B	EW-1B-09/12/2000	9/12/2000
USEPA	EW-1B	EW-1B-02/12/2001	2/12/2001
USEPA	EW-1B	EW-1B-05/24/2001	5/24/2001
USEPA	EW-1B	EW-1B-08/21/2001	8/21/2001
USEPA	EW-1B	EW-1B-11/05/2001	11/5/2001
USEPA	EW-1B	EW-1B-02/14/2002	2/14/2002
USEPA	EW-1B	EW-1B-05/16/2002	5/16/2002
USEPA	EW-1B	EW-1B-08/06/2002	8/6/2002
USEPA	EW-1B	EW-1B-10/21/2002	10/21/2002
USEPA	EW-1B	EW-1B-10/21/2002-FD	10/21/2002
USEPA	EW-1B	EW-1B-01/22/2003	1/22/2003
USEPA	EW-1B	EW-1B-04/16/2003	4/16/2003
USEPA	EW-1B	EW-1B-07/29/2003	7/29/2003
USEPA	EW-1B	EW-1B-10/22/2003	10/22/2003
USEPA	EW-1B	EW-1B-01/20/2004-11:03:00	1/20/2004
USEPA	EW-1B	EW-1B-04/19/2004-13:01:00	4/19/2004
USEPA	EW-1B	EW-1B-04/19/2004-13:01:00-RE	4/19/2004
USEPA	EW-1B	EW-1B-07/20/2004-10:28:00	7/20/2004
USEPA	EW-1B	EW-1B-10/19/2004-12:43:00	10/19/2004
USEPA	EW-1B	EW-1B-02/22/2005-09:36:00	2/22/2005
USEPA	EW-1B	EW-1B-04/11/2005-10:35:00	4/11/2005

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
USEPA	EW-1B	EW-1B-07/18/2005-10:38:00	7/18/2005
USEPA	EW-1B	EW-1B-10/03/2005-12:05:00	10/3/2005
USEPA	EW-1C	EW-1C-04/01/1989	4/1/1989
USEPA	EW-1C	EW-1C-06/01/1989	6/1/1989
USEPA	EW-1C	EW-1C-07/01/1992	7/1/1992
USEPA	EW-1C	EW-1C-05/25/2000	5/25/2000
USEPA	EW-1C	EW-1C-09/12/2000	9/12/2000
USEPA	EW-1C	EW-1C-02/12/2001	2/12/2001
USEPA	EW-1C	EW-1C-05/24/2001	5/24/2001
USEPA	EW-1C	EW-1C-08/21/2001	8/21/2001
USEPA	EW-1C	EW-1C-11/05/2001	11/5/2001
USEPA	EW-1C	EW-1C-02/14/2002	2/14/2002
USEPA	EW-1C	EW-1C-05/16/2002	5/16/2002
USEPA	EW-1C	EW-1C-08/06/2002	8/6/2002
USEPA	EW-1C	EW-1C-10/21/2002	10/21/2002
USEPA	EW-1C	EW-1C-01/22/2003	1/22/2003
USEPA	EW-1C	EW-1C-04/16/2003	4/16/2003
USEPA	EW-1C	EW-1C-04/17/2003	4/17/2003
USEPA	EW-1C	EW-1C-04/18/2003	4/18/2003
USEPA	EW-1C	EW-1C-04/19/2003	4/19/2003
USEPA	EW-1C	EW-1C-04/20/2003	4/20/2003
USEPA	EW-1C	EW-1C-04/21/2003	4/21/2003
USEPA	EW-1C	EW-1C-04/22/2003	4/22/2003
USEPA	EW-1C	EW-1C-04/23/2003	4/23/2003
USEPA	EW-1C	EW-1C-04/24/2003	4/24/2003
USEPA	EW-1C	EW-1C-04/25/2003	4/25/2003
USEPA	EW-1C	EW-1C-04/26/2003	4/26/2003
USEPA	EW-1C	EW-1C-04/27/2003	4/27/2003
USEPA	EW-1C	EW-1C-04/28/2003	4/28/2003
USEPA	EW-1C	EW-1C-04/29/2003	4/29/2003
USEPA	EW-1C	EW-1C-04/30/2003	4/30/2003
USEPA	EW-1C	EW-1C-05/01/2003	5/1/2003
USEPA	EW-1C	EW-1C-05/02/2003	5/2/2003
USEPA	EW-1C	EW-1C-05/03/2003	5/3/2003
USEPA	EW-1C	EW-1C-05/04/2003	5/4/2003
USEPA	EW-1C	EW-1C-05/05/2003	5/5/2003
USEPA	EW-1C	EW-1C-05/06/2003	5/6/2003
USEPA	EW-1C	EW-1C-05/07/2003	5/7/2003
USEPA	EW-1C	EW-1C-05/08/2003	5/8/2003
USEPA	EW-1C	EW-1C-05/09/2003	5/9/2003
USEPA	EW-1C	EW-1C-07/30/2003	7/30/2003
USEPA	EW-1C	EW-1C-10/22/2003	10/22/2003
USEPA	EW-1C	EW-1C-01/20/2004-11:56:00	1/20/2004
USEPA	EW-1C	EW-1C-04/12/2004-14:10:00	4/12/2004
USEPA	EW-1C	EW-1C-04/19/2004-14:10:00	4/19/2004
USEPA	EW-1C	EW-1C-04/19/2004-14:10:00-RE	4/19/2004
USEPA	EW-1C	EW-1C-07/21/2004-14:40:00	7/21/2004

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
USEPA	EW-1C	EW-1C-10/19/2004-14:10:00	10/19/2004
USEPA	EW-1C	EW-1C-02/22/2005-10:35:00	2/22/2005
USEPA	EW-1C	EW-1C-04/11/2005-12:30:00	4/11/2005
USEPA	EW-1C	EW-1C-07/18/2005-12:40:00	7/18/2005
USEPA	EW-1C	EW-1C-10/03/2005-13:05:00	10/3/2005
USEPA	EW-2A	EW-2A-04/01/1989	4/1/1989
USEPA	EW-2A	EW-2A-06/01/1989	6/1/1989
USEPA	EW-2A	EW-2A-07/01/1992	7/1/1992
USEPA	EW-2A	EW-2A-06/08/2000	6/8/2000
USEPA	EW-2A	EW-2A-09/11/2000	9/11/2000
USEPA	EW-2A	EW-2A-02/15/2001	2/15/2001
USEPA	EW-2A	EW-2A-05/30/2001	5/30/2001
USEPA	EW-2A	EW-2A-08/23/2001	8/23/2001
USEPA	EW-2A	EW-2A-11/09/2001	11/9/2001
USEPA	EW-2A	EW-2A-02/12/2002	2/12/2002
USEPA	EW-2A	EW-2A-05/17/2002	5/17/2002
USEPA	EW-2A	EW-2A-10/23/2003	10/23/2003
USEPA	EW-2A	EW-2A-01/19/2004-15:40:00	1/19/2004
USEPA	EW-2A	EW-2A-04/21/2004-08:00:00-TB	4/21/2004
USEPA	EW-2A	EW-2A-04/21/2004-09:05:00	4/21/2004
USEPA	EW-2A	EW-2A-07/22/2004-16:30:00	7/22/2004
USEPA	EW-2A	EW-2A-10/19/2004-12:45:00	10/19/2004
USEPA	EW-2A	EW-2A-10/19/2004-12:45:00-DL	10/19/2004
USEPA	EW-2A	EW-2A-02/23/2005-09:10:00	2/23/2005
USEPA	EW-2A	EW-2A-02/23/2005-09:10:00-FS	2/23/2005
USEPA	EW-2A	EW-2A-02/23/2005-09:18:00	2/23/2005
USEPA	EW-2A	EW-2A-02/23/2005-09:18:00-FR	2/23/2005
USEPA	EW-2A	EW-2A-04/12/2005-08:59:00	4/12/2005
USEPA	EW-2A	EW-2A-07/20/2005-08:00:00	7/20/2005
USEPA	EW-2A	EW-2A-10/05/2005-08:42:00	10/5/2005
USEPA	EW-2B	EW-2B-04/01/1989	4/1/1989
USEPA	EW-2B	EW-2B-06/01/1989	6/1/1989
USEPA	EW-2B	EW-2B-07/01/1992	7/1/1992
USEPA	EW-2B	EW-2B-06/08/2000	6/8/2000
USEPA	EW-2B	EW-2B-09/11/2000	9/11/2000
USEPA	EW-2B	EW-2B-02/15/2001	2/15/2001
USEPA	EW-2B	EW-2B-05/30/2001	5/30/2001
USEPA	EW-2B	EW-2B-08/23/2001	8/23/2001
USEPA	EW-2B	EW-2B-11/09/2001	11/9/2001
USEPA	EW-2B	EW-2B-02/12/2002	2/12/2002
USEPA	EW-2B	EW-2B-05/15/2002	5/15/2002
USEPA	EW-2B	EW-2B-08/07/2002	8/7/2002
USEPA	EW-2B	EW-2B-10/23/2002	10/23/2002
USEPA	EW-2B	EW-2B-01/21/2003	1/21/2003
USEPA	EW-2B	EW-2B-04/15/2003	4/15/2003
USEPA	EW-2B	EW-2B-07/30/2003	7/30/2003
USEPA	EW-2B	EW-2B-10/21/2003	10/21/2003

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
USEPA	EW-2B	EW-2B-01/19/2004-14:15:00	1/19/2004
USEPA	EW-2B	EW-2B-04/20/2004-08:20:00	4/20/2004
USEPA	EW-2B	EW-2B-07/22/2004-08:40:00	7/22/2004
USEPA	EW-2B	EW-2B-10/19/2004-10:10:00	10/19/2004
USEPA	EW-2B	EW-2B-02/23/2005-10:29:00	2/23/2005
USEPA	EW-2B	EW-2B-04/12/2005-13:00:00	4/12/2005
USEPA	EW-2B	EW-2B-07/21/2005-07:25:00	7/21/2005
USEPA	EW-2B	EW-2B-10/03/2005-08:30:00	10/3/2005
USEPA	EW-2B	EW-2B-10/03/2005-08:55:00-TB	10/3/2005
USEPA	EW-2C	EW-2C-04/01/1989	4/1/1989
USEPA	EW-2C	EW-2C-06/01/1989	6/1/1989
USEPA	EW-2C	EW-2C-07/01/1992	7/1/1992
USEPA	EW-2C	EW-2C-07/01/1992-FD	7/1/1992
USEPA	EW-2C	EW-2C-06/07/2000	6/7/2000
USEPA	EW-2C	EW-2C-09/11/2000	9/11/2000
USEPA	EW-2C	EW-2C-02/15/2001	2/15/2001
USEPA	EW-2C	EW-2C-05/30/2001	5/30/2001
USEPA	EW-2C	EW-2C-08/23/2001	8/23/2001
USEPA	EW-2C	EW-2C-11/09/2001	11/9/2001
USEPA	EW-2C	EW-2C-02/12/2002	2/12/2002
USEPA	EW-2C	EW-2C-05/15/2002	5/15/2002
USEPA	EW-2C	EW-2C-08/07/2002	8/7/2002
USEPA	EW-2C	EW-2C-10/23/2002	10/23/2002
USEPA	EW-2C	EW-2C-01/21/2003	1/21/2003
USEPA	EW-2C	EW-2C-04/15/2003	4/15/2003
USEPA	EW-2C	EW-2C-07/30/2003	7/30/2003
USEPA	EW-2C	EW-2C-10/21/2003	10/21/2003
USEPA	EW-2C	EW-2C-01/19/2004-13:10:00	1/19/2004
USEPA	EW-2C	EW-2C-01/19/2004-13:10:00-DL	1/19/2004
USEPA	EW-2C	EW-2C-04/20/2004-09:00:00	4/20/2004
USEPA	EW-2C	EW-2C-04/20/2004-09:00:00-DL	4/20/2004
USEPA	EW-2C	EW-2C-07/22/2004-06:50:00-TB	7/22/2004
USEPA	EW-2C	EW-2C-07/22/2004-08:00:00	7/22/2004
USEPA	EW-2C	EW-2C-10/19/2004-11:45:00	10/19/2004
USEPA	EW-2C	EW-2C-10/19/2004-11:45:00-DL	10/19/2004
USEPA	EW-2C	EW-2C-02/23/2005-11:08:00	2/23/2005
USEPA	EW-2C	EW-2C-04/12/2005-10:38:00	4/12/2005
USEPA	EW-2C	EW-2C-07/21/2005-07:15:00	7/21/2005
USEPA	EW-2C	EW-2C-10/04/2005-08:12:00	10/4/2005
USEPA	EW-3A	EW-3A-01/20/2004-13:40:00	1/20/2004
USEPA	EW-3A	EW-3A-07/20/2004-10:35:00	7/20/2004
USEPA	EW-3A	EW-3A-10/19/2004-09:00:00	10/19/2004
USEPA	EW-3A	EW-3A-02/22/2005-12:27:00	2/22/2005
USEPA	EW-3A	EW-3A-04/12/2005-14:10:00	4/12/2005
USEPA	EW-3A	EW-3A-07/19/2005-11:30:00	7/19/2005
USEPA	EW-3A	EW-3A-10/04/2005-09:45:00	10/4/2005
USEPA	EW-3B	EW-3B-10/24/2002	10/24/2002

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
USEPA	EW-3B	EW-3B-04/15/2003	4/15/2003
USEPA	EW-3B	EW-3B-07/30/2003	7/30/2003
USEPA	EW-3B	EW-3B-10/21/2003	10/21/2003
USEPA	EW-3B	EW-3B-01/20/2004-08:50:00	1/20/2004
USEPA	EW-3B	EW-3B-04/20/2004-10:29:00	4/20/2004
USEPA	EW-3B	EW-3B-07/20/2004-09:15:00	7/20/2004
USEPA	EW-3B	EW-3B-10/19/2004-08:20:00	10/19/2004
USEPA	EW-3B	EW-3B-02/22/2005-13:24:00	2/22/2005
USEPA	EW-3B	EW-3B-04/12/2005-15:10:00	4/12/2005
USEPA	EW-3B	EW-3B-07/19/2005-12:35:00	7/19/2005
USEPA	EW-3B	EW-3B-10/04/2005-10:45:00	10/4/2005
USEPA	EW-3C	EW-3C-10/24/2002	10/24/2002
USEPA	EW-3C	EW-3C-04/15/2003	4/15/2003
USEPA	EW-3C	EW-3C-07/30/2003	7/30/2003
USEPA	EW-3C	EW-3C-10/21/2003	10/21/2003
USEPA	EW-3C	EW-3C-01/20/2004-12:00:00	1/20/2004
USEPA	EW-3C	EW-3C-01/20/2004-12:00:00-DL	1/20/2004
USEPA	EW-3C	EW-3C-04/20/2004-13:02:00	4/20/2004
USEPA	EW-3C	EW-3C-04/20/2004-13:02:00-DL	4/20/2004
USEPA	EW-3C	EW-3C-07/22/2004-10:30:00	7/22/2004
USEPA	EW-3C	EW-3C-07/22/2004-10:30:00-DL	7/22/2004
USEPA	EW-3C	EW-3C-10/19/2004-07:40:00	10/19/2004
USEPA	EW-3C	EW-3C-10/19/2004-07:40:00-DL	10/19/2004
USEPA	EW-3C	EW-3C-02/22/2005-14:26:00	2/22/2005
USEPA	EW-3C	EW-3C-02/22/2005-14:26:00-DL	2/22/2005
USEPA	EW-3C	EW-3C-04/12/2005-16:30:00	4/12/2005
USEPA	EW-3C	EW-3C-04/12/2005-16:30:00-DL	4/12/2005
USEPA	EW-3C	EW-3C-07/19/2005-14:10:00	7/19/2005
USEPA	EW-3C	EW-3C-07/19/2005-14:10:00-DL	7/19/2005
USEPA	EW-3C	EW-3C-10/04/2005-12:45:00	10/4/2005
USEPA	EW-4A	EW-4A-04/01/1989	4/1/1989
USEPA	EW-4A	EW-4A-06/01/1989	6/1/1989
USEPA	EW-4A	EW-4A-07/01/1992	7/1/1992
USEPA	EW-4A	EW-4A-05/25/2000	5/25/2000
USEPA	EW-4A	EW-4A-09/14/2000	9/14/2000
USEPA	EW-4A	EW-4A-02/15/2001	2/15/2001
USEPA	EW-4A	EW-4A-05/31/2001	5/31/2001
USEPA	EW-4A	EW-4A-08/22/2001	8/22/2001
USEPA	EW-4A	EW-4A-11/09/2001	11/9/2001
USEPA	EW-4A	EW-4A-02/13/2002	2/13/2002
USEPA	EW-4A	EW-4A-05/16/2002	5/16/2002
USEPA	EW-4A	EW-4A-08/06/2002	8/6/2002
USEPA	EW-4A	EW-4A-10/23/2002	10/23/2002
USEPA	EW-4A	EW-4A-01/22/2003	1/22/2003
USEPA	EW-4A	EW-4A-04/16/2003	4/16/2003
USEPA	EW-4A	EW-4A-07/29/2003	7/29/2003
USEPA	EW-4A	EW-4A-10/20/2003	10/20/2003

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
USEPA	EW-4A	EW-4A-01/20/2004-13:40:00	1/20/2004
USEPA	EW-4A	EW-4A-01/20/2004-13:40:00-DL	1/20/2004
USEPA	EW-4A	EW-4A-04/21/2004-15:59:00	4/21/2004
USEPA	EW-4A	EW-4A-07/19/2004-10:40:00-TB	7/19/2004
USEPA	EW-4A	EW-4A-07/19/2004-13:55:00	7/19/2004
USEPA	EW-4A	EW-4A-10/19/2004-08:25:00	10/19/2004
USEPA	EW-4A	EW-4A-10/19/2004-08:25:00-DL	10/19/2004
USEPA	EW-4A	EW-4A-02/21/2005-14:45:00	2/21/2005
USEPA	EW-4A	EW-4A-02/21/2005-14:45:00-DL	2/21/2005
USEPA	EW-4A	EW-4A-04/11/2005-13:50:00	4/11/2005
USEPA	EW-4A	EW-4A-04/11/2005-13:50:00-DL	4/11/2005
USEPA	EW-4A	EW-4A-07/18/2005-14:25:00	7/18/2005
USEPA	EW-4A	EW-4A-07/18/2005-14:25:00-DL	7/18/2005
USEPA	EW-4A	EW-4A-10/03/2005-15:15:00	10/3/2005
USEPA	EW-4B	EW-4B-04/01/1989	4/1/1989
USEPA	EW-4B	EW-4B-06/01/1989	6/1/1989
USEPA	EW-4B	EW-4B-07/01/1992	7/1/1992
USEPA	EW-4B	EW-4B-05/24/2000	5/24/2000
USEPA	EW-4B	EW-4B-09/14/2000	9/14/2000
USEPA	EW-4B	EW-4B-02/15/2001	2/15/2001
USEPA	EW-4B	EW-4B-05/31/2001	5/31/2001
USEPA	EW-4B	EW-4B-08/22/2001	8/22/2001
USEPA	EW-4B	EW-4B-11/09/2001	11/9/2001
USEPA	EW-4B	EW-4B-02/13/2002	2/13/2002
USEPA	EW-4B	EW-4B-05/16/2002	5/16/2002
USEPA	EW-4B	EW-4B-08/06/2002	8/6/2002
USEPA	EW-4B	EW-4B-10/23/2002	10/23/2002
USEPA	EW-4B	EW-4B-01/22/2003	1/22/2003
USEPA	EW-4B	EW-4B-04/16/2003	4/16/2003
USEPA	EW-4B	EW-4B-07/29/2003	7/29/2003
USEPA	EW-4B	EW-4B-10/20/2003	10/20/2003
USEPA	EW-4B	EW-4B-01/20/2004-14:13:00	1/20/2004
USEPA	EW-4B	EW-4B-01/20/2004-14:13:00-DL	1/20/2004
USEPA	EW-4B	EW-4B-04/21/2004-16:35:00	4/21/2004
USEPA	EW-4B	EW-4B-04/21/2004-16:35:00-DL	4/21/2004
USEPA	EW-4B	EW-4B-07/19/2004-14:35:00	7/19/2004
USEPA	EW-4B	EW-4B-07/19/2004-14:35:00-DL	7/19/2004
USEPA	EW-4B	EW-4B-10/19/2004-09:26:00	10/19/2004
USEPA	EW-4B	EW-4B-10/19/2004-09:26:00-DL	10/19/2004
USEPA	EW-4B	EW-4B-02/21/2005-15:45:00	2/21/2005
USEPA	EW-4B	EW-4B-02/21/2005-15:45:00-DL	2/21/2005
USEPA	EW-4B	EW-4B-04/11/2005-14:25:00	4/11/2005
USEPA	EW-4B	EW-4B-07/18/2005-15:10:00	7/18/2005
USEPA	EW-4B	EW-4B-07/18/2005-15:10:00-DL	7/18/2005
USEPA	EW-4B	EW-4B-10/03/2005-16:15:00	10/3/2005
USEPA	EW-4B	EW-4B-10/03/2005-16:15:00-DL	10/3/2005
USEPA	EW-4C	EW-4C-04/01/1989	4/1/1989

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
USEPA	EW-4C	EW-4C-06/01/1989	6/1/1989
USEPA	EW-4C	EW-4C-07/01/1992	7/1/1992
USEPA	EW-4C	EW-4C-05/24/2000	5/24/2000
USEPA	EW-4C	EW-4C-09/14/2000	9/14/2000
USEPA	EW-4C	EW-4C-02/15/2001	2/15/2001
USEPA	EW-4C	EW-4C-05/31/2001	5/31/2001
USEPA	EW-4C	EW-4C-08/22/2001	8/22/2001
USEPA	EW-4C	EW-4C-11/09/2001	11/9/2001
USEPA	EW-4C	EW-4C-02/13/2002	2/13/2002
USEPA	EW-4C	EW-4C-05/16/2002	5/16/2002
USEPA	EW-4C	EW-4C-08/06/2002	8/6/2002
USEPA	EW-4C	EW-4C-10/23/2002	10/23/2002
USEPA	EW-4C	EW-4C-01/22/2003	1/22/2003
USEPA	EW-4C	EW-4C-04/16/2003	4/16/2003
USEPA	EW-4C	EW-4C-07/29/2003	7/29/2003
USEPA	EW-4C	EW-4C-10/20/2003	10/20/2003
USEPA	EW-4C	EW-4C-10/20/2003-FD	10/20/2003
USEPA	EW-4C	EW-4C-01/20/2004-14:51:00	1/20/2004
USEPA	EW-4C	EW-4C-01/20/2004-14:51:00-DL	1/20/2004
USEPA	EW-4C	EW-4C-04/21/2004-17:14:00	4/21/2004
USEPA	EW-4C	EW-4C-04/21/2004-17:14:00-DL	4/21/2004
USEPA	EW-4C	EW-4C-07/19/2004-15:13:00	7/19/2004
USEPA	EW-4C	EW-4C-07/19/2004-15:13:00-DL	7/19/2004
USEPA	EW-4C	EW-4C-10/19/2004-10:20:00	10/19/2004
USEPA	EW-4C	EW-4C-10/19/2004-10:20:00-DL	10/19/2004
USEPA	EW-4C	EW-4C-02/21/2005-16:24:00	2/21/2005
USEPA	EW-4C	EW-4C-02/21/2005-16:24:00-DL	2/21/2005
USEPA	EW-4C	EW-4C-04/13/2005-10:13:00	4/13/2005
USEPA	EW-4C	EW-4C-04/13/2005-10:13:00-DL	4/13/2005
USEPA	EW-4C	EW-4C-07/18/2005-16:00:00	7/18/2005
USEPA	EW-4C	EW-4C-07/18/2005-16:00:00-DL	7/18/2005
USEPA	EW-4C	EW-4C-10/03/2005-15:50:00	10/3/2005
USEPA	EW-4C	EW-4C-10/03/2005-15:50:00-DL	10/3/2005
USEPA	EW-5	EW-5-04/01/1989	4/1/1989
USEPA	EW-5	EW-5-06/01/1989	6/1/1989
USEPA	EW-5	EW-5-07/01/1992	7/1/1992
USEPA	EW-5	EW-5-05/24/2000	5/24/2000
USEPA	EW-5	EW-5-09/13/2000	9/13/2000
USEPA	EW-5	EW-5-02/13/2001	2/13/2001
USEPA	EW-5	EW-5-05/29/2001	5/29/2001
USEPA	EW-5	EW-5-08/20/2001	8/20/2001
USEPA	EW-5	EW-5-08/20/2001-FD	8/20/2001
USEPA	EW-5	EW-5-11/07/2001	11/7/2001
USEPA	EW-5	EW-5-02/11/2002	2/11/2002
USEPA	EW-5	EW-5-05/15/2002	5/15/2002
USEPA	EW-5	EW-5-08/05/2002	8/5/2002
USEPA	EW-5	EW-5-10/22/2002	10/22/2002

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
USEPA	EW-5	EW-5-01/21/2003	1/21/2003
USEPA	EW-5	EW-5-04/15/2003	4/15/2003
USEPA	EW-5	EW-5-07/28/2003	7/28/2003
USEPA	EW-5	EW-5-10/22/2003	10/22/2003
USEPA	EW-5	EW-5-01/21/2004-13:20:00	1/21/2004
USEPA	EW-5	EW-5-01/21/2004-13:20:00-DL	1/21/2004
USEPA	EW-5	EW-5-04/20/2004-16:00:00	4/20/2004
USEPA	EW-5	EW-5-07/22/2004-12:50:00	7/22/2004
USEPA	EW-5	EW-5-07/22/2004-12:50:00-FS	7/22/2004
USEPA	EW-5	EW-5-07/22/2004-12:50:00-MS	7/22/2004
USEPA	EW-5	EW-5-07/22/2004-13:20:00-FR	7/22/2004
USEPA	EW-5	EW-5-07/22/2004-13:20:00-LR	7/22/2004
USEPA	EW-5	EW-5-10/20/2004-08:40:00	10/20/2004
USEPA	EW-5	EW-5-10/20/2004-08:40:00-FS	10/20/2004
USEPA	EW-5	EW-5-10/20/2004-08:40:00-MS	10/20/2004
USEPA	EW-5	EW-5-10/20/2004-08:49:00-FR	10/20/2004
USEPA	EW-5	EW-5-10/20/2004-08:49:00-LR	10/20/2004
USEPA	EW-5	EW-5-02/21/2005-13:16:00	2/21/2005
USEPA	EW-5	EW-5-04/13/2005-14:20:00	4/13/2005
USEPA	EW-5	EW-5-07/20/2005-18:00:00	7/20/2005
USEPA	EW-5	EW-5-07/20/2005-18:00:00-DL	7/20/2005
USEPA	EW-5	EW-5-07/21/2005-18:00:00	7/21/2005
USEPA	EW-5	EW-5-10/04/2005-15:45:00	10/4/2005
USEPA	EW-5	EW-5-10/04/2005-15:45:00-DL	10/4/2005
USEPA	EW-6A	EW-6A-04/16/2003	4/16/2003
USEPA	EW-6A	EW-6A-07/30/2003	7/30/2003
USEPA	EW-6A	EW-6A-01/22/2004-11:17:00	1/22/2004
USEPA	EW-6A	EW-6A-04/22/2004-09:50:00	4/22/2004
USEPA	EW-6A	EW-6A-07/21/2004-08:30:00	7/21/2004
USEPA	EW-6A	EW-6A-10/18/2004-16:15:00	10/18/2004
USEPA	EW-6A	EW-6A-02/23/2005-13:15:00	2/23/2005
USEPA	EW-6A	EW-6A-04/12/2005-14:05:00	4/12/2005
USEPA	EW-6A	EW-6A-07/19/2005-11:25:00	7/19/2005
USEPA	EW-6A	EW-6A-10/05/2005-13:55:00	10/5/2005
USEPA	EW-6A	EW-6A-10/05/2005-14:50:00-RB	10/5/2005
USEPA	EW-6A	EW-6A-10/05/2005-15:05:00-TB	10/5/2005
USEPA	EW-6C	EW-6C-10/23/2002	10/23/2002
USEPA	EW-6C	EW-6C-04/16/2003	4/16/2003
USEPA	EW-6C	EW-6C-07/30/2003	7/30/2003
USEPA	EW-6C	EW-6C-10/23/2003	10/23/2003
USEPA	EW-6C	EW-6C-01/22/2004-13:20:00	1/22/2004
USEPA	EW-6C	EW-6C-01/22/2004-13:20:00-DL	1/22/2004
USEPA	EW-6C	EW-6C-04/22/2004-14:00:00	4/22/2004
USEPA	EW-6C	EW-6C-07/21/2004-10:30:00	7/21/2004
USEPA	EW-6C	EW-6C-10/18/2004-17:40:00	10/18/2004
USEPA	EW-6C	EW-6C-02/23/2005-14:55:00	2/23/2005
USEPA	EW-6C	EW-6C-04/12/2005-13:05:00	4/12/2005

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
USEPA	EW-6C	EW-6C-07/19/2005-10:30:00	7/19/2005
USEPA	EW-6C	EW-6C-10/05/2005-12:55:00	10/5/2005
USEPA	EW-7C	EW-7C-02/22/2005-11:40:00	2/22/2005
USEPA	EW-7C	EW-7C-02/22/2005-11:40:00-DL	2/22/2005
USEPA	EW-7C	EW-7C-04/13/2005-14:35:00	4/13/2005
USEPA	EW-7C	EW-7C-04/13/2005-14:35:00-DL	4/13/2005
USEPA	EW-7C	EW-7C-07/19/2005-12:25:00	7/19/2005
USEPA	EW-7C	EW-7C-07/19/2005-12:25:00-DL	7/19/2005
USEPA	EW-7C	EW-7C-10/03/2005-13:20:00	10/3/2005
USEPA	EW-7C	EW-7C-10/03/2005-13:20:00-DL	10/3/2005
USEPA	EW-7C	EW-7C-10/03/2005-13:25:00-FR	10/3/2005
USEPA	EW-7C	EW-7C-10/03/2005-13:25:00-FR-DL	10/3/2005
USEPA	EW-7D	EW-7D-02/22/2005-10:15:00	2/22/2005
USEPA	EW-7D	EW-7D-04/13/2005-13:35:00	4/13/2005
USEPA	EW-7D	EW-7D-04/13/2005-13:35:00-DL	4/13/2005
USEPA	EW-7D	EW-7D-07/20/2005-12:30:00	7/20/2005
USEPA	EW-7D	EW-7D-07/20/2005-12:30:00-DL	7/20/2005
USEPA	EW-7D	EW-7D-10/03/2005-12:45:00	10/3/2005
USEPA	EW-7D	EW-7D-10/03/2005-12:45:00-DL	10/3/2005
USEPA	EW-7D	EW-7D-10/03/2005-12:45:00-FS	10/3/2005
USEPA	EW-7D	EW-7D-10/03/2005-12:45:00-FS-DL	10/3/2005
USEPA	EW-8D	EW-8D-02/22/2005-08:10:00	2/22/2005
USEPA	EW-8D	EW-8D-04/13/2005-09:10:00	4/13/2005
USEPA	EW-8D	EW-8D-07/20/2005-11:00:00	7/20/2005
USEPA	EW-8D	EW-8D-10/03/2005-10:45:00	10/3/2005
USEPA	EW-9D	EW-9D-02/22/2005-09:30:00	2/22/2005
USEPA	EW-9D	EW-9D-04/13/2005-12:05:00	4/13/2005
USEPA	EW-9D	EW-9D-07/20/2005-11:55:00	7/20/2005
USEPA	EW-9D	EW-9D-10/03/2005-12:00:00	10/3/2005
USEPA	EXT-1	EXT-1-11/20/2001	11/20/2001
USEPA	EXT-1	EXT-1-05/29/2002	5/29/2002
USEPA	EXT-1	EXT-1-08/07/2002	8/7/2002
USEPA	EXT-1	EXT-1-10/25/2002	10/25/2002
USEPA	EXT-1	EXT-1-01/28/2003	1/28/2003
USEPA	EXT-1	EXT-1-07/24/2003	7/24/2003
USEPA	EXT-1	EXT-1-10/28/2003	10/28/2003
USEPA	EXT-1	EXT-1-01/27/2004-08:00:00-TB	1/27/2004
USEPA	EXT-1	EXT-1-01/27/2004-09:19:00	1/27/2004
USEPA	EXT-1	EXT-1-01/27/2004-09:19:00-DL	1/27/2004
USEPA	EXT-1	EXT-1-01/27/2004-09:19:00-FS	1/27/2004
USEPA	EXT-1	EXT-1-01/27/2004-09:30:00-FR	1/27/2004
USEPA	EXT-1	EXT-1-01/27/2004-09:30:00-FR-DL	1/27/2004
USEPA	EXT-1	EXT-1-04/24/2004	4/24/2004
USEPA	EXT-1	EXT-1-04/28/2004-09:50:00	4/28/2004
USEPA	EXT-1	EXT-1-04/28/2004-09:50:00-DL	4/28/2004
USEPA	EXT-1	EXT-1-04/28/2004-09:50:00-FS	4/28/2004
USEPA	EXT-1	EXT-1-04/28/2004-09:50:00-LR	4/28/2004

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
USEPA	EXT-1	EXT-1-04/28/2004-09:50:00-MS	4/28/2004
USEPA	EXT-1	EXT-1-04/28/2004-10:00:00-FR	4/28/2004
USEPA	EXT-1	EXT-1-07/19/2004-10:10:00-FR	7/19/2004
USEPA	EXT-1	EXT-1-07/19/2004-10:10:00-LR	7/19/2004
USEPA	EXT-1	EXT-1-07/26/2004-08:30:00-TB	7/26/2004
USEPA	EXT-1	EXT-1-07/26/2004-10:05:00	7/26/2004
USEPA	EXT-1	EXT-1-07/26/2004-10:05:00-FS	7/26/2004
USEPA	EXT-1	EXT-1-07/26/2004-10:05:00-MS	7/26/2004
USEPA	EXT-1	EXT-1-07/26/2004-10:10:00-FR	7/26/2004
USEPA	EXT-1	EXT-1-10/26/2004-08:06:00-TB	10/26/2004
USEPA	EXT-1	EXT-1-10/26/2004-09:45:00	10/26/2004
USEPA	EXT-1	EXT-1-10/26/2004-09:45:00-FS	10/26/2004
USEPA	EXT-1	EXT-1-10/26/2004-09:45:00-MS	10/26/2004
USEPA	EXT-1	EXT-1-10/26/2004-09:55:00-FR	10/26/2004
USEPA	EXT-1	EXT-1-10/26/2004-09:55:00-FR-DL	10/26/2004
USEPA	EXT-1	EXT-1-10/26/2004-09:55:00-LR	10/26/2004
USEPA	EXT-1	EXT-1-02/23/2005-12:55:00	2/23/2005
USEPA	EXT-1	EXT-1-02/23/2005-12:55:00-DL	2/23/2005
USEPA	EXT-1	EXT-1-04/27/2005-00:00:00-TB	4/27/2005
USEPA	EXT-1	EXT-1-04/27/2005-10:25:00	4/27/2005
USEPA	EXT-1	EXT-1-04/27/2005-10:25:00-FS	4/27/2005
USEPA	EXT-1	EXT-1-04/27/2005-10:35:00-FR	4/27/2005
USEPA	EXT-1	EXT-1-07/13/2005-07:55:00-TB	7/13/2005
USEPA	EXT-1	EXT-1-07/13/2005-09:40:00	7/13/2005
USEPA	EXT-1	EXT-1-07/13/2005-09:40:00-	7/13/2005
USEPA	EXT-1	EXT-1-07/13/2005-09:40:00--DL	7/13/2005
USEPA	EXT-1	EXT-1-07/13/2005-09:40:00-DL	7/13/2005
USEPA	EXT-1	EXT-1-07/13/2005-09:50:00-FR	7/13/2005
USEPA	EXT-1	EXT-1-07/13/2005-09:50:00-FR-DL	7/13/2005
USEPA	EXT-1	EXT-1-07/13/2005-09:50:00-LR	7/13/2005
USEPA	EXT-1	EXT-1-10/12/2005-08:50:00	10/12/2005
USEPA	EXT-1	EXT-1-10/12/2005-08:50:00-DL	10/12/2005
USEPA	EXT-1	EXT-1-10/12/2005-09:05:00-FR	10/12/2005
USEPA	EXT-1	EXT-1-10/12/2005-09:05:00-FR-DL	10/12/2005
USEPA	EXT-1	EXT-1-10/12/2005-11:50:00-FS	10/12/2005
USEPA	EXT-1	EXT-1-10/12/2005-11:50:00-FS-DL	10/12/2005
USEPA	EXT-1A	EXT-1A-02/25/2000	2/25/2000
USEPA	EXT-1A	EXT-1A-03/01/2000	3/1/2000
USEPA	EXT-1A	EXT-1A-03/09/2000	3/9/2000
USEPA	EXT-1A	EXT-1A-03/16/2000	3/16/2000
USEPA	EXT-1A	EXT-1A-03/23/2000	3/23/2000
USEPA	EXT-1A	EXT-1A-03/29/2000	3/29/2000
USEPA	EXT-1A	EXT-1A-04/06/2000	4/6/2000
USEPA	EXT-1A	EXT-1A-04/13/2000	4/13/2000
USEPA	EXT-1A	EXT-1A-04/25/2000	4/25/2000
USEPA	EXT-1A	EXT-1A-04/26/2000	4/26/2000
USEPA	EXT-1A	EXT-1A-05/03/2000	5/3/2000

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
USEPA	EXT-1A	EXT-1A-05/10/2000	5/10/2000
USEPA	EXT-1A	EXT-1A-08/09/2000	8/9/2000
USEPA	EXT-1A	EXT-1A-11/15/2000	11/15/2000
USEPA	EXT-1A	EXT-1A-02/07/2001	2/7/2001
USEPA	EXT-1A	EXT-1A-05/16/2001	5/16/2001
USEPA	EXT-1B	EXT-1B-02/25/2000	2/25/2000
USEPA	EXT-1B	EXT-1B-03/01/2000	3/1/2000
USEPA	EXT-1B	EXT-1B-05/03/2000	5/3/2000
USEPA	EXT-1B	EXT-1B-05/10/2000	5/10/2000
USEPA	EXT-1B	EXT-1B-08/09/2000	8/9/2000
USEPA	EXT-1B	EXT-1B-11/15/2000	11/15/2000
USEPA	EXT-1B	EXT-1B-02/07/2001	2/7/2001
USEPA	EXT-1B	EXT-1B-05/16/2001	5/16/2001
USEPA	EXT-1C	EXT-1C-02/25/2000	2/25/2000
USEPA	EXT-1C	EXT-1C-03/01/2000	3/1/2000
USEPA	EXT-1C	EXT-1C-03/09/2000	3/9/2000
USEPA	EXT-1C	EXT-1C-03/16/2000	3/16/2000
USEPA	EXT-1C	EXT-1C-03/23/2000	3/23/2000
USEPA	EXT-1C	EXT-1C-03/29/2000	3/29/2000
USEPA	EXT-1C	EXT-1C-04/06/2000	4/6/2000
USEPA	EXT-1C	EXT-1C-04/13/2000	4/13/2000
USEPA	EXT-1C	EXT-1C-04/25/2000	4/25/2000
USEPA	EXT-1C	EXT-1C-04/26/2000	4/26/2000
USEPA	EXT-1C	EXT-1C-05/03/2000	5/3/2000
USEPA	EXT-1C	EXT-1C-05/10/2000	5/10/2000
USEPA	EXT-1C	EXT-1C-08/09/2000	8/9/2000
USEPA	EXT-1C	EXT-1C-11/15/2000	11/15/2000
USEPA	EXT-1C	EXT-1C-02/07/2001	2/7/2001
USEPA	EXT-1C	EXT-1C-05/16/2001	5/16/2001
USEPA	EXT-1C	EXT-1C-08/07/2002-FD	8/7/2002
USEPA	EXT-1C	EXT-1C-10/25/2002-FD	10/25/2002
USEPA	EXT-2	EXT-2-08/15/2001	8/15/2001
USEPA	EXT-2	EXT-2-11/20/2001	11/20/2001
USEPA	EXT-2	EXT-2-05/29/2002	5/29/2002
USEPA	EXT-2	EXT-2-08/07/2002	8/7/2002
USEPA	EXT-2	EXT-2-10/25/2002	10/25/2002
USEPA	EXT-2	EXT-2-01/28/2003	1/28/2003
USEPA	EXT-2	EXT-2-07/24/2003	7/24/2003
USEPA	EXT-2	EXT-2-10/28/2003	10/28/2003
USEPA	EXT-2	EXT-2-01/27/2004-10:19:00	1/27/2004
USEPA	EXT-2	EXT-2-01/27/2004-10:19:00-DL	1/27/2004
USEPA	EXT-2	EXT-2-04/24/2004	4/24/2004
USEPA	EXT-2	EXT-2-04/28/2004-11:05:00	4/28/2004
USEPA	EXT-2	EXT-2-04/28/2004-11:05:00-DL	4/28/2004
USEPA	EXT-2	EXT-2-07/26/2004-11:38:00	7/26/2004
USEPA	EXT-2	EXT-2-10/26/2004-11:50:00	10/26/2004
USEPA	EXT-2	EXT-2-01/18/2005-11:55:00-TB	1/18/2005

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
USEPA	EXT-2	EXT-2-01/18/2005-14:45:00	1/18/2005
USEPA	EXT-2	EXT-2-01/18/2005-14:45:00-DL	1/18/2005
USEPA	EXT-2	EXT-2-01/18/2005-14:50:00-FR	1/18/2005
USEPA	EXT-2	EXT-2-01/18/2005-14:50:00-FR-DL	1/18/2005
USEPA	EXT-2	EXT-2-04/26/2005-10:55:00	4/26/2005
USEPA	EXT-2	EXT-2-07/21/2005-15:30:00	7/21/2005
USEPA	EXT-2	EXT-2-07/21/2005-15:30:00-DL	7/21/2005
USEPA	EXT-2	EXT-2-10/12/2005-10:05:00	10/12/2005
USEPA	EXT-2	EXT-2-10/12/2005-10:05:00-DL	10/12/2005
USEPA	EXT-3	EXT-3-08/15/2001	8/15/2001
USEPA	EXT-3	EXT-3-11/20/2001	11/20/2001
USEPA	EXT-3	EXT-3-05/29/2002	5/29/2002
USEPA	EXT-3	EXT-3-08/07/2002	8/7/2002
USEPA	EXT-3	EXT-3-10/25/2002	10/25/2002
USEPA	EXT-3	EXT-3-01/28/2003	1/28/2003
USEPA	EXT-3	EXT-3-07/24/2003	7/24/2003
USEPA	EXT-3	EXT-3-10/28/2003	10/28/2003
USEPA	EXT-3	EXT-3-01/27/2004-11:25:00	1/27/2004
USEPA	EXT-3	EXT-3-01/27/2004-11:25:00-DL	1/27/2004
USEPA	EXT-3	EXT-3-01/27/2004-11:25:00-LR	1/27/2004
USEPA	EXT-3	EXT-3-01/27/2004-11:25:00-MS	1/27/2004
USEPA	EXT-3	EXT-3-04/24/2004	4/24/2004
USEPA	EXT-3	EXT-3-04/28/2004-12:20:00	4/28/2004
USEPA	EXT-3	EXT-3-04/28/2004-12:20:00-DL	4/28/2004
USEPA	EXT-3	EXT-3-07/26/2004-12:49:00	7/26/2004
USEPA	EXT-3	EXT-3-07/26/2004-12:49:00-DL	7/26/2004
USEPA	EXT-3	EXT-3-10/26/2004-13:00:00	10/26/2004
USEPA	EXT-3	EXT-3-10/26/2004-13:00:00-DL	10/26/2004
USEPA	EXT-3	EXT-3-01/18/2005-15:00:00	1/18/2005
USEPA	EXT-3	EXT-3-01/18/2005-15:00:00-DL	1/18/2005
USEPA	EXT-3	EXT-3-04/26/2005-13:30:00	4/26/2005
USEPA	EXT-3	EXT-3-07/13/2005-12:40:00	7/13/2005
USEPA	EXT-3	EXT-3-07/13/2005-12:40:00-DL	7/13/2005
USEPA	EXT-3	EXT-3-10/12/2005-11:30:00	10/12/2005
USEPA	EXT-3	EXT-3-10/12/2005-11:30:00-DL	10/12/2005
Nassau County	FTC-W-14A	FTC-W-14A-09/28/1999	9/28/1999
Nassau County	FTC-W-14A	FTC-W-14A-06/13/2000	6/13/2000
Nassau County	FTC-W-14A	FTC-W-14A-03/27/2001	3/27/2001
Nassau County	FTC-W-14A	FTC-W-14A-06/15/2001	6/15/2001
Nassau County	FTC-W-14A	FTC-W-14A-09/27/2001	9/27/2001
Nassau County	FTC-W-14A	FTC-W-14A-12/06/2001	12/6/2001
Nassau County	FTC-W-14A	FTC-W-14A-03/28/2002	3/28/2002
Nassau County	FTC-W-14A	FTC-W-14A-06/21/2002	6/21/2002
Nassau County	FTC-W-14A	FTC-W-14A-10/08/2002	10/8/2002
Nassau County	FTC-W-14A	FTC-W-14A-12/30/2002	12/30/2002
Nassau County	FTC-W-14A	FTC-W-14A-03/24/2003	3/24/2003
Nassau County	FTC-W-14A	FTC-W-14A-06/26/2003	6/26/2003

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Nassau County	FTC-W-14A	FTC-W-14A-10/08/2003	10/8/2003
Nassau County	FTC-W-14A	FTC-W-14A-12/23/2003	12/23/2003
Nassau County	FTC-W-14B	FTC-W-14B-09/28/1999	9/28/1999
Nassau County	FTC-W-14B	FTC-W-14B-06/13/2000	6/13/2000
Nassau County	FTC-W-14B	FTC-W-14B-03/27/2001	3/27/2001
Nassau County	FTC-W-14B	FTC-W-14B-06/15/2001	6/15/2001
Nassau County	FTC-W-14B	FTC-W-14B-09/27/2001	9/27/2001
Nassau County	FTC-W-14B	FTC-W-14B-12/06/2001	12/6/2001
Nassau County	FTC-W-14B	FTC-W-14B-03/28/2002	3/28/2002
Nassau County	FTC-W-14B	FTC-W-14B-06/21/2002	6/21/2002
Nassau County	FTC-W-14B	FTC-W-14B-10/08/2002	10/8/2002
Nassau County	FTC-W-14B	FTC-W-14B-12/30/2002	12/30/2002
Nassau County	FTC-W-14B	FTC-W-14B-03/24/2003	3/24/2003
Nassau County	FTC-W-14B	FTC-W-14B-06/26/2003	6/26/2003
Nassau County	FTC-W-14B	FTC-W-14B-10/08/2003	10/8/2003
Nassau County	FTC-W-14B	FTC-W-14B-12/23/2003	12/23/2003
Nassau County	FTC-W-23	FTC-W-23-06/15/2000	6/15/2000
Nassau County	FTC-W-23	FTC-W-23-06/14/2001	6/14/2001
Nassau County	FTC-W-23	FTC-W-23-07/02/2002	7/2/2002
Nassau County	FTC-W-23	FTC-W-23-06/30/2003	6/30/2003
Nassau County	FTC-W-31	FTC-W-31-06/15/2000	6/15/2000
Nassau County	FTC-W-31	FTC-W-31-06/21/2001	6/21/2001
Nassau County	FTC-W-31	FTC-W-31-07/02/2002	7/2/2002
Nassau County	FTC-W-31	FTC-W-31-06/27/2003	6/27/2003
Nassau County	FTC-W-32	FTC-W-32-09/28/1999	9/28/1999
Nassau County	FTC-W-32	FTC-W-32-06/15/2000	6/15/2000
Nassau County	FTC-W-32	FTC-W-32-03/29/2002	3/29/2002
Nassau County	FTC-W-32	FTC-W-32-07/02/2002	7/2/2002
Nassau County	FTC-W-32	FTC-W-32-10/08/2002	10/8/2002
Nassau County	FTC-W-32	FTC-W-32-12/30/2002	12/30/2002
Nassau County	FTC-W-32	FTC-W-32-03/25/2003	3/25/2003
Nassau County	FTC-W-32	FTC-W-32-06/27/2003	6/27/2003
Nassau County	FTC-W-32	FTC-W-32-10/08/2003	10/8/2003
Nassau County	FTC-W-32	FTC-W-32-12/19/2003	12/19/2003
Nassau County	FTC-W-35	FTC-W-35-09/28/1999	9/28/1999
Nassau County	FTC-W-35	FTC-W-35-06/15/2000	6/15/2000
Nassau County	FTC-W-35	FTC-W-35-03/29/2002	3/29/2002
Nassau County	FTC-W-35	FTC-W-35-07/02/2002	7/2/2002
Nassau County	FTC-W-35	FTC-W-35-10/08/2002	10/8/2002
Nassau County	FTC-W-35	FTC-W-35-12/30/2002	12/30/2002
Nassau County	FTC-W-35	FTC-W-35-03/25/2003	3/25/2003
Nassau County	FTC-W-35	FTC-W-35-06/27/2003	6/27/2003
Nassau County	FTC-W-35	FTC-W-35-10/07/2003	10/7/2003
Nassau County	FTC-W-35	FTC-W-35-12/23/2003	12/23/2003
Nassau County	FTC-W-4A	FTC-W-4A-09/28/1999	9/28/1999
Nassau County	FTC-W-4A	FTC-W-4A-06/14/2000	6/14/2000
Nassau County	FTC-W-4A	FTC-W-4A-12/27/2000	12/27/2000

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Nassau County	FTC-W-4A	FTC-W-4A-03/27/2001	3/27/2001
Nassau County	FTC-W-4A	FTC-W-4A-06/21/2001	6/21/2001
Nassau County	FTC-W-4A	FTC-W-4A-06/26/2003	6/26/2003
Nassau County	FTC-W-4A	FTC-W-4A-10/07/2003	10/7/2003
Nassau County	FTC-W-4A	FTC-W-4A-12/19/2003	12/19/2003
Nassau County	FTC-W-4B	FTC-W-4B-09/28/1999	9/28/1999
Nassau County	FTC-W-4B	FTC-W-4B-06/14/2000	6/14/2000
Nassau County	FTC-W-4B	FTC-W-4B-03/27/2001	3/27/2001
Nassau County	FTC-W-4B	FTC-W-4B-04/27/2001	4/27/2001
Nassau County	FTC-W-4B	FTC-W-4B-06/21/2001	6/21/2001
Nassau County	FTC-W-4B	FTC-W-4B-09/26/2001	9/26/2001
Nassau County	FTC-W-4B	FTC-W-4B-12/10/2001	12/10/2001
Nassau County	FTC-W-4B	FTC-W-4B-03/28/2002	3/28/2002
Nassau County	FTC-W-4B	FTC-W-4B-06/21/2002	6/21/2002
Nassau County	FTC-W-4B	FTC-W-4B-10/07/2002	10/7/2002
Nassau County	FTC-W-4B	FTC-W-4B-12/19/2002	12/19/2002
Nassau County	FTC-W-4B	FTC-W-4B-03/24/2003	3/24/2003
Nassau County	FTC-W-4B	FTC-W-4B-06/26/2003	6/26/2003
Nassau County	FTC-W-4B	FTC-W-4B-10/07/2003	10/7/2003
Nassau County	FTC-W-4B	FTC-W-4B-12/19/2003	12/19/2003
Nassau County	FTC-W-7A	FTC-W-7A-06/14/2000	6/14/2000
Nassau County	FTC-W-7B	FTC-W-7B-09/29/1999	9/29/1999
Nassau County	FTC-W-7B	FTC-W-7B-06/13/2000	6/13/2000
Nassau County	FTC-W-7B	FTC-W-7B-03/27/2001	3/27/2001
Nassau County	FTC-W-7B	FTC-W-7B-06/19/2001	6/19/2001
Nassau County	FTC-W-7B	FTC-W-7B-09/27/2001	9/27/2001
Nassau County	FTC-W-7B	FTC-W-7B-12/07/2001	12/7/2001
Nassau County	FTC-W-7B	FTC-W-7B-01/09/2002	1/9/2002
Nassau County	FTC-W-7B	FTC-W-7B-03/29/2002	3/29/2002
Nassau County	FTC-W-7B	FTC-W-7B-06/21/2002	6/21/2002
Nassau County	FTC-W-7B	FTC-W-7B-10/07/2002	10/7/2002
Nassau County	FTC-W-7B	FTC-W-7B-01/09/2003	1/9/2003
Nassau County	FTC-W-7B	FTC-W-7B-03/24/2003	3/24/2003
Nassau County	FTC-W-7B	FTC-W-7B-06/27/2003	6/27/2003
Nassau County	FTC-W-7B	FTC-W-7B-10/07/2003	10/7/2003
Nassau County	FTC-W-7C	FTC-W-7C-09/28/1999	9/28/1999
Nassau County	FTC-W-7C	FTC-W-7C-06/14/2000	6/14/2000
Nassau County	FTC-W-7C	FTC-W-7C-03/27/2001	3/27/2001
Nassau County	FTC-W-7C	FTC-W-7C-06/19/2001	6/19/2001
Nassau County	FTC-W-7C	FTC-W-7C-09/27/2001	9/27/2001
Nassau County	FTC-W-7C	FTC-W-7C-12/07/2001	12/7/2001
Nassau County	FTC-W-7C	FTC-W-7C-01/09/2002	1/9/2002
Nassau County	FTC-W-7C	FTC-W-7C-03/29/2002	3/29/2002
Nassau County	FTC-W-7C	FTC-W-7C-06/21/2002	6/21/2002
Nassau County	FTC-W-7C	FTC-W-7C-10/07/2002	10/7/2002
Nassau County	FTC-W-7C	FTC-W-7C-03/24/2003	3/24/2003
Nassau County	FTC-W-7C	FTC-W-7C-06/27/2003	6/27/2003

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Nassau County	FTC-W-7C	FTC-W-7C-10/07/2003	10/7/2003
Nassau County	FTC-W-7C	FTC-W-7C-01/09/2004	1/9/2004
Nassau County	FTC-W-7D	FTC-W-7D-06/14/2000	6/14/2000
Nassau County	FTC-W-7D	FTC-W-7D-06/19/2001	6/19/2001
Nassau County	FTC-W-7D	FTC-W-7D-06/21/2002	6/21/2002
Nassau County	FTC-W-7D	FTC-W-7D-06/27/2003	6/27/2003
Nassau County	FTC-W-9A	FTC-W-9A-06/14/2000	6/14/2000
Nassau County	FTC-W-9A	FTC-W-9A-03/27/2001	3/27/2001
Nassau County	FTC-W-9A	FTC-W-9A-06/18/2001	6/18/2001
Nassau County	FTC-W-9A	FTC-W-9A-10/07/2003	10/7/2003
Nassau County	FTC-W-9A	FTC-W-9A-12/23/2003	12/23/2003
Nassau County	FTC-W-9B	FTC-W-9B-09/28/1999	9/28/1999
Nassau County	FTC-W-9B	FTC-W-9B-06/15/2000	6/15/2000
Nassau County	FTC-W-9B	FTC-W-9B-03/27/2001	3/27/2001
Nassau County	FTC-W-9B	FTC-W-9B-06/18/2001	6/18/2001
Nassau County	FTC-W-9B	FTC-W-9B-09/26/2001	9/26/2001
Nassau County	FTC-W-9B	FTC-W-9B-12/07/2001	12/7/2001
Nassau County	FTC-W-9B	FTC-W-9B-03/28/2002	3/28/2002
Nassau County	FTC-W-9B	FTC-W-9B-06/21/2002	6/21/2002
Nassau County	FTC-W-9B	FTC-W-9B-10/07/2002	10/7/2002
Nassau County	FTC-W-9B	FTC-W-9B-12/30/2002	12/30/2002
Nassau County	FTC-W-9B	FTC-W-9B-03/24/2003	3/24/2003
Nassau County	FTC-W-9B	FTC-W-9B-06/26/2003	6/26/2003
Nassau County	FTC-W-9B	FTC-W-9B-10/07/2003	10/7/2003
Nassau County	FTC-W-9B	FTC-W-9B-12/23/2003	12/23/2003
USEPA	LF-2	LF-2-11/19/2002	11/19/2002
USEPA	LF-2	LF-2-04/15/2003	4/15/2003
USEPA	LF-2	LF-2-07/28/2003	7/28/2003
USEPA	LF-2	LF-2-10/23/2003	10/23/2003
USEPA	LF-2	LF-2-01/22/2004-09:10:00	1/22/2004
USEPA	LF-2	LF-2-04/19/2004-14:05:00	4/19/2004
USEPA	LF-2	LF-2-04/19/2004-14:05:00-FS	4/19/2004
USEPA	LF-2	LF-2-04/19/2004-14:10:00-FR	4/19/2004
USEPA	LF-2	LF-2-07/19/2004-11:25:00	7/19/2004
USEPA	LF-2	LF-2-10/18/2004-06:45:00-TB	10/18/2004
USEPA	LF-2	LF-2-10/18/2004-09:00:00	10/18/2004
USEPA	LF-2	LF-2-02/21/2005-08:45:00	2/21/2005
USEPA	LF-2	LF-2-04/11/2005-11:05:00	4/11/2005
USEPA	LF-2	LF-2-07/18/2005-08:55:00	7/18/2005
USEPA	LF-2	LF-2-10/06/2005-08:10:00	10/6/2005
USEPA	MW-10B	MW-10B-10/24/2002	10/24/2002
USEPA	MW-10B	MW-10B-04/15/2003	4/15/2003
USEPA	MW-10B	MW-10B-07/31/2003	7/31/2003
USEPA	MW-10B	MW-10B-10/22/2003	10/22/2003
USEPA	MW-10B	MW-10B-01/23/2004-08:00:00-TB	1/23/2004
USEPA	MW-10B	MW-10B-01/23/2004-08:00:00-TB-RE	1/23/2004
USEPA	MW-10B	MW-10B-01/23/2004-10:00:00	1/23/2004

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
USEPA	MW-10B	MW-10B-01/23/2004-10:00:00-FS	1/23/2004
USEPA	MW-10B	MW-10B-01/23/2004-10:45:00-FR	1/23/2004
USEPA	MW-10B	MW-10B-04/20/2004-11:00:00	4/20/2004
USEPA	MW-10B	MW-10B-07/20/2004-12:40:00	7/20/2004
USEPA	MW-10B	MW-10B-10/19/2004-14:05:00	10/19/2004
USEPA	MW-10B	MW-10B-02/21/2005-11:45:00	2/21/2005
USEPA	MW-10B	MW-10B-04/12/2005-08:40:00	4/12/2005
USEPA	MW-10B	MW-10B-07/19/2005-06:55:00-TB	7/19/2005
USEPA	MW-10B	MW-10B-07/19/2005-08:00:00	7/19/2005
USEPA	MW-10B	MW-10B-07/19/2005-08:50:00-RB	7/19/2005
USEPA	MW-10B	MW-10B-10/05/2005-10:30:00	10/5/2005
USEPA	MW-10C	MW-10C-10/24/2002	10/24/2002
USEPA	MW-10C	MW-10C-04/15/2003	4/15/2003
USEPA	MW-10C	MW-10C-07/30/2003	7/30/2003
USEPA	MW-10C	MW-10C-10/21/2003	10/21/2003
USEPA	MW-10C	MW-10C-01/22/2004-15:50:00	1/22/2004
USEPA	MW-10C	MW-10C-01/22/2004-15:50:00-DL	1/22/2004
USEPA	MW-10C	MW-10C-04/20/2004-13:12:00	4/20/2004
USEPA	MW-10C	MW-10C-04/20/2004-13:12:00-DL	4/20/2004
USEPA	MW-10C	MW-10C-07/21/2004-13:00:00	7/21/2004
USEPA	MW-10C	MW-10C-10/20/2004-12:50:00	10/20/2004
USEPA	MW-10C	MW-10C-02/23/2005-09:35:00	2/23/2005
USEPA	MW-10C	MW-10C-02/23/2005-09:35:00-DL	2/23/2005
USEPA	MW-10C	MW-10C-07/21/2005-10:35:00	7/21/2005
USEPA	MW-10C	MW-10C-07/21/2005-10:35:00-DL	7/21/2005
USEPA	MW-10C	MW-10C-10/04/2005-08:50:00	10/4/2005
USEPA	MW-10C	MW-10C-10/04/2005-08:50:00-DL	10/4/2005
USEPA	MW-10D	MW-10D-10/24/2002	10/24/2002
USEPA	MW-10D	MW-10D-04/15/2003	4/15/2003
USEPA	MW-10D	MW-10D-07/30/2003	7/30/2003
USEPA	MW-10D	MW-10D-10/21/2003	10/21/2003
USEPA	MW-10D	MW-10D-01/23/2004-14:00:00	1/23/2004
USEPA	MW-10D	MW-10D-01/23/2004-14:00:00-DL	1/23/2004
USEPA	MW-10D	MW-10D-01/23/2004-14:00:00-LR	1/23/2004
USEPA	MW-10D	MW-10D-01/23/2004-14:00:00-MS	1/23/2004
USEPA	MW-10D	MW-10D-04/20/2004-15:10:00	4/20/2004
USEPA	MW-10D	MW-10D-04/20/2004-15:10:00-DL	4/20/2004
USEPA	MW-10D	MW-10D-07/14/2004-14:45:00	7/14/2004
USEPA	MW-10D	MW-10D-07/21/2004-14:45:00	7/21/2004
USEPA	MW-10D	MW-10D-10/20/2004-14:25:00	10/20/2004
USEPA	MW-10D	MW-10D-02/23/2005-11:40:00	2/23/2005
USEPA	MW-10D	MW-10D-02/23/2005-11:40:00-DL	2/23/2005
USEPA	MW-10D	MW-10D-04/14/2005-07:00:00-TB	4/14/2005
USEPA	MW-10D	MW-10D-04/14/2005-11:40:00	4/14/2005
USEPA	MW-10D	MW-10D-07/21/2005-12:05:00	7/21/2005
USEPA	MW-10D	MW-10D-07/21/2005-12:05:00-DL	7/21/2005
USEPA	MW-10D	MW-10D-10/04/2005-10:20:00	10/4/2005

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
USEPA	MW-10D	MW-10D-10/04/2005-10:20:00-DL	10/4/2005
USEPA	MW-6D	MW-6D-10/24/2002	10/24/2002
USEPA	MW-6D	MW-6D-04/16/2003	4/16/2003
USEPA	MW-6D	MW-6D-07/31/2003	7/31/2003
USEPA	MW-6D	MW-6D-10/22/2003	10/22/2003
USEPA	MW-6D	MW-6D-01/26/2004-08:10:00-TB	1/26/2004
USEPA	MW-6D	MW-6D-01/26/2004-09:43:00	1/26/2004
USEPA	MW-6D	MW-6D-01/26/2004-09:43:00-FS	1/26/2004
USEPA	MW-6D	MW-6D-01/26/2004-09:48:00-FR	1/26/2004
USEPA	MW-6D	MW-6D-04/19/2004-00:00:00	4/19/2004
USEPA	MW-6D	MW-6D-04/19/2004-08:00:00-TB	4/19/2004
USEPA	MW-6D	MW-6D-04/19/2004-10:00:00	4/19/2004
USEPA	MW-6D	MW-6D-04/19/2004-10:00:00-LR	4/19/2004
USEPA	MW-6D	MW-6D-04/19/2004-10:00:00-MS	4/19/2004
USEPA	MW-6D	MW-6D-07/19/2004-07:30:00-TB	7/19/2004
USEPA	MW-6D	MW-6D-07/19/2004-09:50:00	7/19/2004
USEPA	MW-6D	MW-6D-10/18/2004-13:45:00	10/18/2004
USEPA	MW-6D	MW-6D-10/18/2004-13:45:00-FS	10/18/2004
USEPA	MW-6D	MW-6D-10/18/2004-13:55:00-FR	10/18/2004
USEPA	MW-6D	MW-6D-02/22/2005-13:55:00	2/22/2005
USEPA	MW-6D	MW-6D-04/12/2005-10:55:00	4/12/2005
USEPA	MW-6D	MW-6D-07/18/2005-11:40:00	7/18/2005
USEPA	MW-6D	MW-6D-07/19/2005-11:40:00-	7/19/2005
USEPA	MW-6D	MW-6D-10/05/2005-08:40:00	10/5/2005
USEPA	MW-8B	MW-8B-10/24/2002	10/24/2002
USEPA	MW-8B	MW-8B-04/16/2003	4/16/2003
USEPA	MW-8B	MW-8B-10/22/2003	10/22/2003
USEPA	MW-8B	MW-8B-01/22/2004-00:00:00	1/22/2004
USEPA	MW-8B	MW-8B-01/22/2004-13:08:00	1/22/2004
USEPA	MW-8C	MW-8C-10/23/2002	10/23/2002
USEPA	MW-8C	MW-8C-04/16/2003	4/16/2003
USEPA	MW-8C	MW-8C-07/29/2003	7/29/2003
USEPA	MW-8C	MW-8C-10/22/2003	10/22/2003
USEPA	MW-8C	MW-8C-01/15/2004-12:30:00	1/15/2004
USEPA	MW-8C	MW-8C-04/19/2004-11:50:00	4/19/2004
USEPA	MW-8C	MW-8C-07/19/2004-14:00:00	7/19/2004
USEPA	MW-8C	MW-8C-07/19/2004-14:00:00-FS	7/19/2004
USEPA	MW-8C	MW-8C-07/19/2004-14:00:00-MS	7/19/2004
USEPA	MW-8C	MW-8C-07/19/2004-14:10:00-FR	7/19/2004
USEPA	MW-8C	MW-8C-07/19/2004-14:10:00-LR	7/19/2004
USEPA	MW-8C	MW-8C-10/18/2004-12:10:00	10/18/2004
USEPA	MW-8C	MW-8C-04/11/2005-15:40:00	4/11/2005
USEPA	MW-8C	MW-8C-04/11/2005-15:50:00	4/11/2005
USEPA	MW-8C	MW-8C-07/18/2005-13:35:00	7/18/2005
USEPA	MW-8C	MW-8C-10/04/2005-14:25:00	10/4/2005
USEPA	PPW-1	PPW-1-10/23/2003	10/23/2003
USEPA	PPW-1	PPW-1-01/21/2004-14:10:00	1/21/2004

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
USEPA	PPW-1	PPW-1-04/21/2004-13:15:00	4/21/2004
USEPA	PPW-1	PPW-1-07/20/2004-15:20:00	7/20/2004
USEPA	PPW-1	PPW-1-10/20/2004-09:40:00	10/20/2004
USEPA	PPW-1	PPW-1-04/11/2005-09:45:00	4/11/2005
USEPA	PPW-1	PPW-1-07/20/2005-14:30:00	7/20/2005
USEPA	PPW-1	PPW-1-07/20/2005-15:55:00-TB	7/20/2005
USEPA	PPW-1	PPW-1-10/04/2005-00:00:00	10/4/2005
USEPA	RB-1	RB-1-06/08/1999	6/8/1999
Nassau County	RB-1	RB-1-06/14/2000	6/14/2000
Nassau County	RB-1	RB-1-06/18/2001	6/18/2001
Nassau County	RB-1	RB-1-07/02/2002	7/2/2002
Nassau County	RB-1	RB-1-07/09/2003	7/9/2003
USEPA	RB-1	RB-1-06/21/2004	6/21/2004
Town of Oyster Bay	RW-1	RW-1-01/04/2000	1/4/2000
Town of Oyster Bay	RW-1	RW-1-01/11/2000	1/11/2000
Town of Oyster Bay	RW-1	RW-1-01/18/2000	1/18/2000
Town of Oyster Bay	RW-1	RW-1-01/25/2000	1/25/2000
Town of Oyster Bay	RW-1	RW-1-02/01/2000	2/1/2000
Town of Oyster Bay	RW-1	RW-1-02/08/2000	2/8/2000
Town of Oyster Bay	RW-1	RW-1-02/15/2000	2/15/2000
Town of Oyster Bay	RW-1	RW-1-02/22/2000	2/22/2000
Town of Oyster Bay	RW-1	RW-1-02/29/2000	2/29/2000
Town of Oyster Bay	RW-1	RW-1-03/07/2000	3/7/2000
Town of Oyster Bay	RW-1	RW-1-03/21/2000	3/21/2000
Town of Oyster Bay	RW-1	RW-1-03/28/2000	3/28/2000
Town of Oyster Bay	RW-1	RW-1-04/04/2000	4/4/2000
Town of Oyster Bay	RW-1	RW-1-04/11/2000	4/11/2000
Town of Oyster Bay	RW-1	RW-1-04/18/2000	4/18/2000
Town of Oyster Bay	RW-1	RW-1-04/26/2000	4/26/2000
Town of Oyster Bay	RW-1	RW-1-05/03/2000	5/3/2000
Town of Oyster Bay	RW-1	RW-1-05/10/2000	5/10/2000
Town of Oyster Bay	RW-1	RW-1-05/16/2000	5/16/2000
Town of Oyster Bay	RW-1	RW-1-05/23/2000	5/23/2000
Town of Oyster Bay	RW-1	RW-1-05/30/2000	5/30/2000
Town of Oyster Bay	RW-1	RW-1-06/06/2000	6/6/2000
Town of Oyster Bay	RW-1	RW-1-06/13/2000	6/13/2000
Town of Oyster Bay	RW-1	RW-1-06/20/2000	6/20/2000
Town of Oyster Bay	RW-1	RW-1-06/27/2000	6/27/2000
Town of Oyster Bay	RW-1	RW-1-07/11/2000	7/11/2000
Town of Oyster Bay	RW-1	RW-1-07/18/2000	7/18/2000
Town of Oyster Bay	RW-1	RW-1-07/25/2000	7/25/2000
Town of Oyster Bay	RW-1	RW-1-08/01/2000	8/1/2000
Town of Oyster Bay	RW-1	RW-1-08/08/2000	8/8/2000
Town of Oyster Bay	RW-1	RW-1-08/15/2000	8/15/2000
Town of Oyster Bay	RW-1	RW-1-08/22/2000	8/22/2000
Town of Oyster Bay	RW-1	RW-1-08/29/2000	8/29/2000
Town of Oyster Bay	RW-1	RW-1-09/05/2000	9/5/2000

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Town of Oyster Bay	RW-1	RW-1-09/19/2000	9/19/2000
Town of Oyster Bay	RW-1	RW-1-09/26/2000	9/26/2000
Town of Oyster Bay	RW-1	RW-1-10/03/2000	10/3/2000
Town of Oyster Bay	RW-1	RW-1-10/10/2000	10/10/2000
Town of Oyster Bay	RW-1	RW-1-10/17/2000	10/17/2000
Town of Oyster Bay	RW-1	RW-1-10/24/2000	10/24/2000
Town of Oyster Bay	RW-1	RW-1-10/31/2000	10/31/2000
Town of Oyster Bay	RW-1	RW-1-11/07/2000	11/7/2000
Town of Oyster Bay	RW-1	RW-1-11/14/2000	11/14/2000
Town of Oyster Bay	RW-1	RW-1-11/28/2000	11/28/2000
Town of Oyster Bay	RW-1	RW-1-12/05/2000	12/5/2000
Town of Oyster Bay	RW-1	RW-1-12/12/2000	12/12/2000
Town of Oyster Bay	RW-1	RW-1-12/19/2000	12/19/2000
Town of Oyster Bay	RW-1	RW-1-12/26/2000	12/26/2000
Town of Oyster Bay	RW-1	RW-1-01/02/2001	1/2/2001
Town of Oyster Bay	RW-1	RW-1-01/09/2001	1/9/2001
Town of Oyster Bay	RW-1	RW-1-01/16/2001	1/16/2001
Town of Oyster Bay	RW-1	RW-1-01/23/2001	1/23/2001
Town of Oyster Bay	RW-1	RW-1-01/30/2001	1/30/2001
Town of Oyster Bay	RW-1	RW-1-02/06/2001	2/6/2001
Town of Oyster Bay	RW-1	RW-1-02/13/2001	2/13/2001
Town of Oyster Bay	RW-1	RW-1-02/20/2001	2/20/2001
Town of Oyster Bay	RW-1	RW-1-02/27/2001	2/27/2001
Town of Oyster Bay	RW-1	RW-1-03/06/2001	3/6/2001
Town of Oyster Bay	RW-1	RW-1-03/13/2001	3/13/2001
Town of Oyster Bay	RW-1	RW-1-03/20/2001	3/20/2001
Town of Oyster Bay	RW-1	RW-1-03/27/2001	3/27/2001
Town of Oyster Bay	RW-1	RW-1-04/03/2001	4/3/2001
Town of Oyster Bay	RW-1	RW-1-04/10/2001	4/10/2001
Town of Oyster Bay	RW-1	RW-1-04/17/2001	4/17/2001
Town of Oyster Bay	RW-1	RW-1-04/24/2001	4/24/2001
Town of Oyster Bay	RW-1	RW-1-05/15/2001	5/15/2001
Town of Oyster Bay	RW-1	RW-1-05/22/2001	5/22/2001
Town of Oyster Bay	RW-1	RW-1-05/29/2001	5/29/2001
Town of Oyster Bay	RW-1	RW-1-06/05/2001	6/5/2001
Town of Oyster Bay	RW-1	RW-1-06/12/2001	6/12/2001
Town of Oyster Bay	RW-1	RW-1-06/19/2001	6/19/2001
Town of Oyster Bay	RW-1	RW-1-06/26/2001	6/26/2001
Town of Oyster Bay	RW-1	RW-1-07/03/2001	7/3/2001
Town of Oyster Bay	RW-1	RW-1-07/10/2001	7/10/2001
Town of Oyster Bay	RW-1	RW-1-07/17/2001	7/17/2001
Town of Oyster Bay	RW-1	RW-1-07/27/2001	7/27/2001
Town of Oyster Bay	RW-1	RW-1-08/02/2001	8/2/2001
Town of Oyster Bay	RW-1	RW-1-08/07/2001	8/7/2001
Town of Oyster Bay	RW-1	RW-1-08/14/2001	8/14/2001
Town of Oyster Bay	RW-1	RW-1-08/21/2001	8/21/2001
Town of Oyster Bay	RW-1	RW-1-08/28/2001	8/28/2001

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Town of Oyster Bay	RW-1	RW-1-09/04/2001	9/4/2001
Town of Oyster Bay	RW-1	RW-1-09/11/2001	9/11/2001
Town of Oyster Bay	RW-1	RW-1-09/18/2001	9/18/2001
Town of Oyster Bay	RW-1	RW-1-09/25/2001	9/25/2001
Town of Oyster Bay	RW-1	RW-1-10/02/2001	10/2/2001
Town of Oyster Bay	RW-1	RW-1-10/09/2001	10/9/2001
Town of Oyster Bay	RW-1	RW-1-10/16/2001	10/16/2001
Town of Oyster Bay	RW-1	RW-1-10/23/2001	10/23/2001
Town of Oyster Bay	RW-1	RW-1-10/30/2001	10/30/2001
Town of Oyster Bay	RW-1	RW-1-11/06/2001	11/6/2001
Town of Oyster Bay	RW-1	RW-1-11/13/2001	11/13/2001
Town of Oyster Bay	RW-1	RW-1-11/27/2001	11/27/2001
Town of Oyster Bay	RW-1	RW-1-12/28/2001	12/28/2001
Town of Oyster Bay	RW-1	RW-1-01/03/2002	1/3/2002
Town of Oyster Bay	RW-1	RW-1-01/10/2002	1/10/2002
Town of Oyster Bay	RW-1	RW-1-01/15/2002	1/15/2002
Town of Oyster Bay	RW-1	RW-1-01/22/2002	1/22/2002
Town of Oyster Bay	RW-1	RW-1-01/29/2002	1/29/2002
Town of Oyster Bay	RW-1	RW-1-02/05/2002	2/5/2002
Town of Oyster Bay	RW-1	RW-1-02/12/2002	2/12/2002
Town of Oyster Bay	RW-1	RW-1-02/19/2002	2/19/2002
Town of Oyster Bay	RW-1	RW-1-02/26/2002	2/26/2002
Town of Oyster Bay	RW-1	RW-1-03/05/2002	3/5/2002
Town of Oyster Bay	RW-1	RW-1-03/12/2002	3/12/2002
Town of Oyster Bay	RW-1	RW-1-03/19/2002	3/19/2002
Town of Oyster Bay	RW-1	RW-1-03/26/2002	3/26/2002
Town of Oyster Bay	RW-1	RW-1-04/02/2002	4/2/2002
Town of Oyster Bay	RW-1	RW-1-04/09/2002	4/9/2002
Town of Oyster Bay	RW-1	RW-1-04/16/2002	4/16/2002
Town of Oyster Bay	RW-1	RW-1-04/23/2002	4/23/2002
Town of Oyster Bay	RW-1	RW-1-04/30/2002	4/30/2002
Town of Oyster Bay	RW-1	RW-1-05/07/2002	5/7/2002
Town of Oyster Bay	RW-1	RW-1-05/16/2002	5/16/2002
Town of Oyster Bay	RW-1	RW-1-05/23/2002	5/23/2002
Town of Oyster Bay	RW-1	RW-1-05/30/2002	5/30/2002
Town of Oyster Bay	RW-1	RW-1-06/06/2002	6/6/2002
Town of Oyster Bay	RW-1	RW-1-06/20/2002	6/20/2002
Town of Oyster Bay	RW-1	RW-1-06/27/2002	6/27/2002
Town of Oyster Bay	RW-1	RW-1-07/04/2002	7/4/2002
Town of Oyster Bay	RW-1	RW-1-07/11/2002	7/11/2002
Town of Oyster Bay	RW-1	RW-1-07/18/2002	7/18/2002
Town of Oyster Bay	RW-1	RW-1-07/25/2002	7/25/2002
Town of Oyster Bay	RW-1	RW-1-08/01/2002	8/1/2002
Town of Oyster Bay	RW-1	RW-1-08/08/2002	8/8/2002
Town of Oyster Bay	RW-1	RW-1-08/15/2002	8/15/2002
Town of Oyster Bay	RW-1	RW-1-08/22/2002	8/22/2002
Town of Oyster Bay	RW-1	RW-1-08/29/2002	8/29/2002

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Town of Oyster Bay	RW-1	RW-1-09/05/2002	9/5/2002
Town of Oyster Bay	RW-1	RW-1-09/12/2002	9/12/2002
Town of Oyster Bay	RW-1	RW-1-09/19/2002	9/19/2002
Town of Oyster Bay	RW-1	RW-1-09/26/2002	9/26/2002
Town of Oyster Bay	RW-1	RW-1-02/27/2003	2/27/2003
Town of Oyster Bay	RW-1	RW-1-03/06/2003	3/6/2003
Town of Oyster Bay	RW-1	RW-1-03/13/2003	3/13/2003
Town of Oyster Bay	RW-1	RW-1-03/20/2003	3/20/2003
Town of Oyster Bay	RW-1	RW-1-03/27/2003	3/27/2003
Town of Oyster Bay	RW-1	RW-1-04/03/2003	4/3/2003
Town of Oyster Bay	RW-1	RW-1-04/10/2003	4/10/2003
Town of Oyster Bay	RW-1	RW-1-04/17/2003	4/17/2003
Town of Oyster Bay	RW-1	RW-1-04/24/2003	4/24/2003
Town of Oyster Bay	RW-1	RW-1-05/01/2003	5/1/2003
Town of Oyster Bay	RW-1	RW-1-05/08/2003	5/8/2003
Town of Oyster Bay	RW-1	RW-1-05/15/2003	5/15/2003
Town of Oyster Bay	RW-1	RW-1-05/22/2003	5/22/2003
Town of Oyster Bay	RW-1	RW-1-05/29/2003	5/29/2003
Town of Oyster Bay	RW-1	RW-1-06/05/2003	6/5/2003
Town of Oyster Bay	RW-1	RW-1-06/12/2003	6/12/2003
Town of Oyster Bay	RW-1	RW-1-06/19/2003	6/19/2003
Town of Oyster Bay	RW-1	RW-1-06/26/2003	6/26/2003
Town of Oyster Bay	RW-1	RW-1-07/03/2003	7/3/2003
Town of Oyster Bay	RW-1	RW-1-07/17/2003	7/17/2003
Town of Oyster Bay	RW-1	RW-1-07/24/2003	7/24/2003
Town of Oyster Bay	RW-1	RW-1-07/31/2003	7/31/2003
Town of Oyster Bay	RW-1	RW-1-08/07/2003	8/7/2003
Town of Oyster Bay	RW-1	RW-1-08/21/2003	8/21/2003
Town of Oyster Bay	RW-1	RW-1-08/28/2003	8/28/2003
Town of Oyster Bay	RW-1	RW-1-09/04/2003	9/4/2003
Town of Oyster Bay	RW-1	RW-1-09/11/2003	9/11/2003
Town of Oyster Bay	RW-1	RW-1-09/18/2003	9/18/2003
Town of Oyster Bay	RW-1	RW-1-10/03/2003	10/3/2003
Town of Oyster Bay	RW-1	RW-1-10/08/2003	10/8/2003
Town of Oyster Bay	RW-1	RW-1-10/17/2003	10/17/2003
Town of Oyster Bay	RW-1	RW-1-10/23/2003	10/23/2003
Town of Oyster Bay	RW-1	RW-1-10/31/2003	10/31/2003
Town of Oyster Bay	RW-1	RW-1-11/14/2003	11/14/2003
Town of Oyster Bay	RW-1	RW-1-11/19/2003	11/19/2003
Town of Oyster Bay	RW-1	RW-1-12/23/2003	12/23/2003
Town of Oyster Bay	RW-1	RW-1-12/31/2003	12/31/2003
Town of Oyster Bay	RW-1	RW-1-01/07/2004	1/7/2004
Town of Oyster Bay	RW-1	RW-1-01/15/2004	1/15/2004
Town of Oyster Bay	RW-1	RW-1-01/22/2004	1/22/2004
Town of Oyster Bay	RW-1	RW-1-01/27/2004	1/27/2004
Town of Oyster Bay	RW-1	RW-1-02/06/2004	2/6/2004
Town of Oyster Bay	RW-1	RW-1-02/13/2004	2/13/2004

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Town of Oyster Bay	RW-1	RW-1-02/19/2004	2/19/2004
Town of Oyster Bay	RW-1	RW-1-02/27/2004	2/27/2004
Town of Oyster Bay	RW-1	RW-1-03/02/2004	3/2/2004
Town of Oyster Bay	RW-1	RW-1-03/11/2004	3/11/2004
Town of Oyster Bay	RW-1	RW-1-03/18/2004	3/18/2004
Town of Oyster Bay	RW-1	RW-1-03/26/2004	3/26/2004
Town of Oyster Bay	RW-1	RW-1-04/02/2004	4/2/2004
Town of Oyster Bay	RW-1	RW-1-04/08/2004	4/8/2004
Town of Oyster Bay	RW-1	RW-1-04/16/2004	4/16/2004
Town of Oyster Bay	RW-1	RW-1-04/22/2004	4/22/2004
Town of Oyster Bay	RW-1	RW-1-04/29/2004	4/29/2004
Town of Oyster Bay	RW-1	RW-1-05/06/2004	5/6/2004
Town of Oyster Bay	RW-2	RW-2-01/04/2000	1/4/2000
Town of Oyster Bay	RW-2	RW-2-01/11/2000	1/11/2000
Town of Oyster Bay	RW-2	RW-2-01/18/2000	1/18/2000
Town of Oyster Bay	RW-2	RW-2-01/25/2000	1/25/2000
Town of Oyster Bay	RW-2	RW-2-02/01/2000	2/1/2000
Town of Oyster Bay	RW-2	RW-2-02/08/2000	2/8/2000
Town of Oyster Bay	RW-2	RW-2-02/15/2000	2/15/2000
Town of Oyster Bay	RW-2	RW-2-05/10/2000	5/10/2000
Town of Oyster Bay	RW-2	RW-2-05/16/2000	5/16/2000
Town of Oyster Bay	RW-2	RW-2-05/23/2000	5/23/2000
Town of Oyster Bay	RW-2	RW-2-05/30/2000	5/30/2000
Town of Oyster Bay	RW-2	RW-2-06/06/2000	6/6/2000
Town of Oyster Bay	RW-2	RW-2-06/13/2000	6/13/2000
Town of Oyster Bay	RW-2	RW-2-06/20/2000	6/20/2000
Town of Oyster Bay	RW-2	RW-2-06/27/2000	6/27/2000
Town of Oyster Bay	RW-2	RW-2-07/11/2000	7/11/2000
Town of Oyster Bay	RW-2	RW-2-07/18/2000	7/18/2000
Town of Oyster Bay	RW-2	RW-2-07/25/2000	7/25/2000
Town of Oyster Bay	RW-2	RW-2-08/01/2000	8/1/2000
Town of Oyster Bay	RW-2	RW-2-08/08/2000	8/8/2000
Town of Oyster Bay	RW-2	RW-2-08/15/2000	8/15/2000
Town of Oyster Bay	RW-2	RW-2-08/22/2000	8/22/2000
Town of Oyster Bay	RW-2	RW-2-08/29/2000	8/29/2000
Town of Oyster Bay	RW-2	RW-2-09/05/2000	9/5/2000
Town of Oyster Bay	RW-2	RW-2-09/19/2000	9/19/2000
Town of Oyster Bay	RW-2	RW-2-09/26/2000	9/26/2000
Town of Oyster Bay	RW-2	RW-2-10/03/2000	10/3/2000
Town of Oyster Bay	RW-2	RW-2-10/10/2000	10/10/2000
Town of Oyster Bay	RW-2	RW-2-10/18/2000	10/18/2000
Town of Oyster Bay	RW-2	RW-2-10/24/2000	10/24/2000
Town of Oyster Bay	RW-2	RW-2-10/31/2000	10/31/2000
Town of Oyster Bay	RW-2	RW-2-11/07/2000	11/7/2000
Town of Oyster Bay	RW-2	RW-2-11/14/2000	11/14/2000
Town of Oyster Bay	RW-2	RW-2-11/28/2000	11/28/2000
Town of Oyster Bay	RW-2	RW-2-12/05/2000	12/5/2000

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Town of Oyster Bay	RW-2	RW-2-12/12/2000	12/12/2000
Town of Oyster Bay	RW-2	RW-2-12/19/2000	12/19/2000
Town of Oyster Bay	RW-2	RW-2-12/26/2000	12/26/2000
Town of Oyster Bay	RW-2	RW-2-01/02/2001	1/2/2001
Town of Oyster Bay	RW-2	RW-2-01/09/2001	1/9/2001
Town of Oyster Bay	RW-2	RW-2-06/05/2001	6/5/2001
Town of Oyster Bay	RW-2	RW-2-06/12/2001	6/12/2001
Town of Oyster Bay	RW-2	RW-2-06/19/2001	6/19/2001
Town of Oyster Bay	RW-2	RW-2-06/26/2001	6/26/2001
Town of Oyster Bay	RW-2	RW-2-07/03/2001	7/3/2001
Town of Oyster Bay	RW-2	RW-2-07/10/2001	7/10/2001
Town of Oyster Bay	RW-2	RW-2-07/17/2001	7/17/2001
Town of Oyster Bay	RW-2	RW-2-07/27/2001	7/27/2001
Town of Oyster Bay	RW-2	RW-2-08/02/2001	8/2/2001
Town of Oyster Bay	RW-2	RW-2-08/07/2001	8/7/2001
Town of Oyster Bay	RW-2	RW-2-08/14/2001	8/14/2001
Town of Oyster Bay	RW-2	RW-2-08/21/2001	8/21/2001
Town of Oyster Bay	RW-2	RW-2-08/28/2001	8/28/2001
Town of Oyster Bay	RW-2	RW-2-09/04/2001	9/4/2001
Town of Oyster Bay	RW-2	RW-2-09/11/2001	9/11/2001
Town of Oyster Bay	RW-2	RW-2-09/18/2001	9/18/2001
Town of Oyster Bay	RW-2	RW-2-09/25/2001	9/25/2001
Town of Oyster Bay	RW-2	RW-2-10/02/2001	10/2/2001
Town of Oyster Bay	RW-2	RW-2-10/09/2001	10/9/2001
Town of Oyster Bay	RW-2	RW-2-10/16/2001	10/16/2001
Town of Oyster Bay	RW-2	RW-2-10/23/2001	10/23/2001
Town of Oyster Bay	RW-2	RW-2-10/30/2001	10/30/2001
Town of Oyster Bay	RW-2	RW-2-11/06/2001	11/6/2001
Town of Oyster Bay	RW-2	RW-2-11/13/2001	11/13/2001
Town of Oyster Bay	RW-2	RW-2-11/27/2001	11/27/2001
Town of Oyster Bay	RW-2	RW-2-12/04/2001	12/4/2001
Town of Oyster Bay	RW-2	RW-2-12/28/2001	12/28/2001
Town of Oyster Bay	RW-2	RW-2-01/03/2002	1/3/2002
Town of Oyster Bay	RW-2	RW-2-01/10/2002	1/10/2002
Town of Oyster Bay	RW-2	RW-2-01/15/2002	1/15/2002
Town of Oyster Bay	RW-2	RW-2-01/22/2002	1/22/2002
Town of Oyster Bay	RW-2	RW-2-01/29/2002	1/29/2002
Town of Oyster Bay	RW-2	RW-2-02/05/2002	2/5/2002
Town of Oyster Bay	RW-2	RW-2-02/12/2002	2/12/2002
Town of Oyster Bay	RW-2	RW-2-02/19/2002	2/19/2002
Town of Oyster Bay	RW-2	RW-2-02/26/2002	2/26/2002
Town of Oyster Bay	RW-2	RW-2-03/05/2002	3/5/2002
Town of Oyster Bay	RW-2	RW-2-03/12/2002	3/12/2002
Town of Oyster Bay	RW-2	RW-2-03/19/2002	3/19/2002
Town of Oyster Bay	RW-2	RW-2-03/26/2002	3/26/2002
Town of Oyster Bay	RW-2	RW-2-04/02/2002	4/2/2002
Town of Oyster Bay	RW-2	RW-2-04/09/2002	4/9/2002

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Town of Oyster Bay	RW-2	RW-2-04/16/2002	4/16/2002
Town of Oyster Bay	RW-2	RW-2-04/23/2002	4/23/2002
Town of Oyster Bay	RW-2	RW-2-04/30/2002	4/30/2002
Town of Oyster Bay	RW-2	RW-2-05/07/2002	5/7/2002
Town of Oyster Bay	RW-2	RW-2-05/16/2002	5/16/2002
Town of Oyster Bay	RW-2	RW-2-05/23/2002	5/23/2002
Town of Oyster Bay	RW-2	RW-2-05/30/2002	5/30/2002
Town of Oyster Bay	RW-2	RW-2-06/06/2002	6/6/2002
Town of Oyster Bay	RW-2	RW-2-06/27/2002	6/27/2002
Town of Oyster Bay	RW-2	RW-2-07/04/2002	7/4/2002
Town of Oyster Bay	RW-2	RW-2-07/11/2002	7/11/2002
Town of Oyster Bay	RW-2	RW-2-07/18/2002	7/18/2002
Town of Oyster Bay	RW-2	RW-2-07/25/2002	7/25/2002
Town of Oyster Bay	RW-2	RW-2-08/01/2002	8/1/2002
Town of Oyster Bay	RW-2	RW-2-08/08/2002	8/8/2002
Town of Oyster Bay	RW-2	RW-2-08/15/2002	8/15/2002
Town of Oyster Bay	RW-2	RW-2-08/22/2002	8/22/2002
Town of Oyster Bay	RW-2	RW-2-08/29/2002	8/29/2002
Town of Oyster Bay	RW-2	RW-2-09/05/2002	9/5/2002
Town of Oyster Bay	RW-2	RW-2-09/12/2002	9/12/2002
Town of Oyster Bay	RW-2	RW-2-09/19/2002	9/19/2002
Town of Oyster Bay	RW-2	RW-2-09/26/2002	9/26/2002
Town of Oyster Bay	RW-2	RW-2-10/24/2002	10/24/2002
Town of Oyster Bay	RW-2	RW-2-11/14/2002	11/14/2002
Town of Oyster Bay	RW-2	RW-2-12/13/2002	12/13/2002
Town of Oyster Bay	RW-2	RW-2-12/19/2002	12/19/2002
Town of Oyster Bay	RW-2	RW-2-01/02/2003	1/2/2003
Town of Oyster Bay	RW-2	RW-2-02/27/2003	2/27/2003
Town of Oyster Bay	RW-2	RW-2-03/06/2003	3/6/2003
Town of Oyster Bay	RW-2	RW-2-03/13/2003	3/13/2003
Town of Oyster Bay	RW-2	RW-2-03/20/2003	3/20/2003
Town of Oyster Bay	RW-2	RW-2-03/27/2003	3/27/2003
Town of Oyster Bay	RW-2	RW-2-04/03/2003	4/3/2003
Town of Oyster Bay	RW-2	RW-2-04/10/2003	4/10/2003
Town of Oyster Bay	RW-2	RW-2-04/17/2003	4/17/2003
Town of Oyster Bay	RW-2	RW-2-04/24/2003	4/24/2003
Town of Oyster Bay	RW-2	RW-2-05/01/2003	5/1/2003
Town of Oyster Bay	RW-2	RW-2-05/08/2003	5/8/2003
Town of Oyster Bay	RW-2	RW-2-05/15/2003	5/15/2003
Town of Oyster Bay	RW-2	RW-2-05/22/2003	5/22/2003
Town of Oyster Bay	RW-2	RW-2-05/29/2003	5/29/2003
Town of Oyster Bay	RW-2	RW-2-06/05/2003	6/5/2003
Town of Oyster Bay	RW-2	RW-2-06/12/2003	6/12/2003
Town of Oyster Bay	RW-2	RW-2-06/19/2003	6/19/2003
Town of Oyster Bay	RW-2	RW-2-06/26/2003	6/26/2003
Town of Oyster Bay	RW-2	RW-2-07/03/2003	7/3/2003
Town of Oyster Bay	RW-2	RW-2-07/24/2003	7/24/2003

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Town of Oyster Bay	RW-2	RW-2-07/31/2003	7/31/2003
Town of Oyster Bay	RW-2	RW-2-08/07/2003	8/7/2003
Town of Oyster Bay	RW-2	RW-2-08/21/2003	8/21/2003
Town of Oyster Bay	RW-2	RW-2-08/28/2003	8/28/2003
Town of Oyster Bay	RW-2	RW-2-09/04/2003	9/4/2003
Town of Oyster Bay	RW-2	RW-2-09/11/2003	9/11/2003
Town of Oyster Bay	RW-2	RW-2-09/18/2003	9/18/2003
Town of Oyster Bay	RW-2	RW-2-10/03/2003	10/3/2003
Town of Oyster Bay	RW-2	RW-2-10/08/2003	10/8/2003
Town of Oyster Bay	RW-2	RW-2-10/17/2003	10/17/2003
Town of Oyster Bay	RW-2	RW-2-10/23/2003	10/23/2003
Town of Oyster Bay	RW-2	RW-2-10/31/2003	10/31/2003
Town of Oyster Bay	RW-2	RW-2-11/14/2003	11/14/2003
Town of Oyster Bay	RW-2	RW-2-11/19/2003	11/19/2003
Town of Oyster Bay	RW-2	RW-2-12/16/2003	12/16/2003
Town of Oyster Bay	RW-2	RW-2-12/23/2003	12/23/2003
Town of Oyster Bay	RW-2	RW-2-12/31/2003	12/31/2003
Town of Oyster Bay	RW-2	RW-2-01/07/2004	1/7/2004
Town of Oyster Bay	RW-2	RW-2-01/15/2004	1/15/2004
Town of Oyster Bay	RW-2	RW-2-01/22/2004	1/22/2004
Town of Oyster Bay	RW-2	RW-2-01/27/2004	1/27/2004
Town of Oyster Bay	RW-2	RW-2-02/06/2004	2/6/2004
Town of Oyster Bay	RW-2	RW-2-02/13/2004	2/13/2004
Town of Oyster Bay	RW-2	RW-2-02/19/2004	2/19/2004
Town of Oyster Bay	RW-2	RW-2-02/27/2004	2/27/2004
Town of Oyster Bay	RW-2	RW-2-03/02/2004	3/2/2004
Town of Oyster Bay	RW-2	RW-2-03/11/2004	3/11/2004
Town of Oyster Bay	RW-2	RW-2-03/18/2004	3/18/2004
Town of Oyster Bay	RW-2	RW-2-03/26/2004	3/26/2004
Town of Oyster Bay	RW-2	RW-2-04/02/2004	4/2/2004
Town of Oyster Bay	RW-2	RW-2-04/08/2004	4/8/2004
Town of Oyster Bay	RW-2	RW-2-04/16/2004	4/16/2004
Town of Oyster Bay	RW-2	RW-2-04/22/2004	4/22/2004
Town of Oyster Bay	RW-2	RW-2-04/29/2004	4/29/2004
Town of Oyster Bay	RW-2	RW-2-05/06/2004	5/6/2004
Town of Oyster Bay	RW-2	RW-2-05/14/2004	5/14/2004
Town of Oyster Bay	RW-2	RW-2-05/20/2004	5/20/2004
Town of Oyster Bay	RW-2	RW-2-05/27/2004	5/27/2004
Town of Oyster Bay	RW-2	RW-2-06/03/2004	6/3/2004
Town of Oyster Bay	RW-2	RW-2-06/10/2004	6/10/2004
Town of Oyster Bay	RW-2	RW-2-06/17/2004	6/17/2004
Town of Oyster Bay	RW-2	RW-2-06/24/2004	6/24/2004
Town of Oyster Bay	RW-2	RW-2-07/01/2004	7/1/2004
Town of Oyster Bay	RW-2	RW-2-07/08/2004	7/8/2004
Town of Oyster Bay	RW-2	RW-2-07/16/2004	7/16/2004
Town of Oyster Bay	RW-2	RW-2-07/17/2004	7/17/2004
Town of Oyster Bay	RW-2	RW-2-07/23/2004	7/23/2004

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Town of Oyster Bay	RW-2	RW-2-09/10/2004	9/10/2004
Town of Oyster Bay	RW-2	RW-2-09/15/2004	9/15/2004
Town of Oyster Bay	RW-2	RW-2-09/23/2004	9/23/2004
Town of Oyster Bay	RW-2	RW-2-10/07/2004	10/7/2004
Town of Oyster Bay	RW-2	RW-2-10/15/2004	10/15/2004
Town of Oyster Bay	RW-2	RW-2-10/29/2004	10/29/2004
Town of Oyster Bay	RW-2	RW-2-11/04/2004	11/4/2004
Town of Oyster Bay	RW-3	RW-3-01/04/2000	1/4/2000
Town of Oyster Bay	RW-3	RW-3-01/11/2000	1/11/2000
Town of Oyster Bay	RW-3	RW-3-01/18/2000	1/18/2000
Town of Oyster Bay	RW-3	RW-3-01/25/2000	1/25/2000
Town of Oyster Bay	RW-3	RW-3-02/01/2000	2/1/2000
Town of Oyster Bay	RW-3	RW-3-02/08/2000	2/8/2000
Town of Oyster Bay	RW-3	RW-3-02/15/2000	2/15/2000
Town of Oyster Bay	RW-3	RW-3-02/22/2000	2/22/2000
Town of Oyster Bay	RW-3	RW-3-02/29/2000	2/29/2000
Town of Oyster Bay	RW-3	RW-3-03/07/2000	3/7/2000
Town of Oyster Bay	RW-3	RW-3-03/21/2000	3/21/2000
Town of Oyster Bay	RW-3	RW-3-03/28/2000	3/28/2000
Town of Oyster Bay	RW-3	RW-3-04/04/2000	4/4/2000
Town of Oyster Bay	RW-3	RW-3-04/11/2000	4/11/2000
Town of Oyster Bay	RW-3	RW-3-04/18/2000	4/18/2000
Town of Oyster Bay	RW-3	RW-3-04/25/2000	4/25/2000
Town of Oyster Bay	RW-3	RW-3-05/02/2000	5/2/2000
Town of Oyster Bay	RW-3	RW-3-05/09/2000	5/9/2000
Town of Oyster Bay	RW-3	RW-3-05/16/2000	5/16/2000
Town of Oyster Bay	RW-3	RW-3-05/23/2000	5/23/2000
Town of Oyster Bay	RW-3	RW-3-05/30/2000	5/30/2000
Town of Oyster Bay	RW-3	RW-3-06/06/2000	6/6/2000
Town of Oyster Bay	RW-3	RW-3-06/13/2000	6/13/2000
Town of Oyster Bay	RW-3	RW-3-06/20/2000	6/20/2000
Town of Oyster Bay	RW-3	RW-3-06/27/2000	6/27/2000
Town of Oyster Bay	RW-3	RW-3-07/11/2000	7/11/2000
Town of Oyster Bay	RW-3	RW-3-07/18/2000	7/18/2000
Town of Oyster Bay	RW-3	RW-3-07/25/2000	7/25/2000
Town of Oyster Bay	RW-3	RW-3-08/01/2000	8/1/2000
Town of Oyster Bay	RW-3	RW-3-08/08/2000	8/8/2000
Town of Oyster Bay	RW-3	RW-3-08/15/2000	8/15/2000
Town of Oyster Bay	RW-3	RW-3-08/22/2000	8/22/2000
Town of Oyster Bay	RW-3	RW-3-08/29/2000	8/29/2000
Town of Oyster Bay	RW-3	RW-3-09/05/2000	9/5/2000
Town of Oyster Bay	RW-3	RW-3-09/19/2000	9/19/2000
Town of Oyster Bay	RW-3	RW-3-09/26/2000	9/26/2000
Town of Oyster Bay	RW-3	RW-3-11/14/2000	11/14/2000
Town of Oyster Bay	RW-3	RW-3-11/28/2000	11/28/2000
Town of Oyster Bay	RW-3	RW-3-12/05/2000	12/5/2000
Town of Oyster Bay	RW-3	RW-3-12/12/2000	12/12/2000

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Town of Oyster Bay	RW-3	RW-3-12/19/2000	12/19/2000
Town of Oyster Bay	RW-3	RW-3-12/26/2000	12/26/2000
Town of Oyster Bay	RW-3	RW-3-01/02/2001	1/2/2001
Town of Oyster Bay	RW-3	RW-3-01/09/2001	1/9/2001
Town of Oyster Bay	RW-3	RW-3-01/16/2001	1/16/2001
Town of Oyster Bay	RW-3	RW-3-01/23/2001	1/23/2001
Town of Oyster Bay	RW-3	RW-3-01/30/2001	1/30/2001
Town of Oyster Bay	RW-3	RW-3-02/06/2001	2/6/2001
Town of Oyster Bay	RW-3	RW-3-02/13/2001	2/13/2001
Town of Oyster Bay	RW-3	RW-3-02/20/2001	2/20/2001
Town of Oyster Bay	RW-3	RW-3-02/27/2001	2/27/2001
Town of Oyster Bay	RW-3	RW-3-03/06/2001	3/6/2001
Town of Oyster Bay	RW-3	RW-3-03/13/2001	3/13/2001
Town of Oyster Bay	RW-3	RW-3-03/20/2001	3/20/2001
Town of Oyster Bay	RW-3	RW-3-03/27/2001	3/27/2001
Town of Oyster Bay	RW-3	RW-3-04/03/2001	4/3/2001
Town of Oyster Bay	RW-3	RW-3-04/10/2001	4/10/2001
Town of Oyster Bay	RW-3	RW-3-04/17/2001	4/17/2001
Town of Oyster Bay	RW-3	RW-3-04/24/2001	4/24/2001
Town of Oyster Bay	RW-3	RW-3-05/15/2001	5/15/2001
Town of Oyster Bay	RW-3	RW-3-05/22/2001	5/22/2001
Town of Oyster Bay	RW-3	RW-3-05/29/2001	5/29/2001
Town of Oyster Bay	RW-3	RW-3-06/05/2001	6/5/2001
Town of Oyster Bay	RW-3	RW-3-06/12/2001	6/12/2001
Town of Oyster Bay	RW-3	RW-3-06/19/2001	6/19/2001
Town of Oyster Bay	RW-3	RW-3-06/26/2001	6/26/2001
Town of Oyster Bay	RW-3	RW-3-07/03/2001	7/3/2001
Town of Oyster Bay	RW-3	RW-3-07/10/2001	7/10/2001
Town of Oyster Bay	RW-3	RW-3-07/17/2001	7/17/2001
Town of Oyster Bay	RW-3	RW-3-07/27/2001	7/27/2001
Town of Oyster Bay	RW-3	RW-3-08/02/2001	8/2/2001
Town of Oyster Bay	RW-3	RW-3-08/07/2001	8/7/2001
Town of Oyster Bay	RW-3	RW-3-08/14/2001	8/14/2001
Town of Oyster Bay	RW-3	RW-3-08/21/2001	8/21/2001
Town of Oyster Bay	RW-3	RW-3-08/28/2001	8/28/2001
Town of Oyster Bay	RW-3	RW-3-09/04/2001	9/4/2001
Town of Oyster Bay	RW-3	RW-3-09/11/2001	9/11/2001
Town of Oyster Bay	RW-3	RW-3-09/18/2001	9/18/2001
Town of Oyster Bay	RW-3	RW-3-09/25/2001	9/25/2001
Town of Oyster Bay	RW-3	RW-3-10/02/2001	10/2/2001
Town of Oyster Bay	RW-3	RW-3-10/16/2001	10/16/2001
Town of Oyster Bay	RW-3	RW-3-10/23/2001	10/23/2001
Town of Oyster Bay	RW-3	RW-3-10/30/2001	10/30/2001
Town of Oyster Bay	RW-3	RW-3-11/06/2001	11/6/2001
Town of Oyster Bay	RW-3	RW-3-11/13/2001	11/13/2001
Town of Oyster Bay	RW-3	RW-3-11/27/2001	11/27/2001
Town of Oyster Bay	RW-3	RW-3-12/04/2001	12/4/2001

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Town of Oyster Bay	RW-3	RW-3-03/18/2004	3/18/2004
Town of Oyster Bay	RW-3	RW-3-03/26/2004	3/26/2004
Town of Oyster Bay	RW-3	RW-3-04/02/2004	4/2/2004
Town of Oyster Bay	RW-3	RW-3-04/08/2004	4/8/2004
Town of Oyster Bay	RW-3	RW-3-04/16/2004	4/16/2004
Town of Oyster Bay	RW-3	RW-3-04/22/2004	4/22/2004
Town of Oyster Bay	RW-3	RW-3-04/29/2004	4/29/2004
Town of Oyster Bay	RW-3	RW-3-05/06/2004	5/6/2004
Town of Oyster Bay	RW-3	RW-3-05/14/2004	5/14/2004
Town of Oyster Bay	RW-3	RW-3-05/23/2004	5/23/2004
Town of Oyster Bay	RW-3	RW-3-05/27/2004	5/27/2004
Town of Oyster Bay	RW-3	RW-3-06/03/2004	6/3/2004
Town of Oyster Bay	RW-3	RW-3-06/10/2004	6/10/2004
Town of Oyster Bay	RW-3	RW-3-06/17/2004	6/17/2004
Town of Oyster Bay	RW-3	RW-3-06/24/2004	6/24/2004
Town of Oyster Bay	RW-3	RW-3-07/01/2004	7/1/2004
Town of Oyster Bay	RW-3	RW-3-07/08/2004	7/8/2004
Town of Oyster Bay	RW-3	RW-3-07/16/2004	7/16/2004
Town of Oyster Bay	RW-3	RW-3-07/23/2004	7/23/2004
Town of Oyster Bay	RW-3	RW-3-09/10/2004	9/10/2004
Town of Oyster Bay	RW-3	RW-3-09/15/2004	9/15/2004
Town of Oyster Bay	RW-3	RW-3-09/23/2004	9/23/2004
Town of Oyster Bay	RW-3	RW-3-10/07/2004	10/7/2004
Town of Oyster Bay	RW-3	RW-3-10/15/2004	10/15/2004
Town of Oyster Bay	RW-3	RW-3-10/29/2004	10/29/2004
Town of Oyster Bay	RW-3	RW-3-11/04/2004	11/4/2004
Town of Oyster Bay	RW-4	RW-4-01/04/2000	1/4/2000
Town of Oyster Bay	RW-4	RW-4-01/11/2000	1/11/2000
Town of Oyster Bay	RW-4	RW-4-01/18/2000	1/18/2000
Town of Oyster Bay	RW-4	RW-4-01/25/2000	1/25/2000
Town of Oyster Bay	RW-4	RW-4-02/01/2000	2/1/2000
Town of Oyster Bay	RW-4	RW-4-02/08/2000	2/8/2000
Town of Oyster Bay	RW-4	RW-4-02/15/2000	2/15/2000
Town of Oyster Bay	RW-4	RW-4-02/22/2000	2/22/2000
Town of Oyster Bay	RW-4	RW-4-02/29/2000	2/29/2000
Town of Oyster Bay	RW-4	RW-4-03/07/2000	3/7/2000
Town of Oyster Bay	RW-4	RW-4-03/21/2000	3/21/2000
Town of Oyster Bay	RW-4	RW-4-03/28/2000	3/28/2000
Town of Oyster Bay	RW-4	RW-4-04/04/2000	4/4/2000
Town of Oyster Bay	RW-4	RW-4-04/11/2000	4/11/2000
Town of Oyster Bay	RW-4	RW-4-04/18/2000	4/18/2000
Town of Oyster Bay	RW-4	RW-4-04/25/2000	4/25/2000
Town of Oyster Bay	RW-4	RW-4-05/02/2000	5/2/2000
Town of Oyster Bay	RW-4	RW-4-05/09/2000	5/9/2000
Town of Oyster Bay	RW-4	RW-4-05/16/2000	5/16/2000
Town of Oyster Bay	RW-4	RW-4-05/23/2000	5/23/2000
Town of Oyster Bay	RW-4	RW-4-05/30/2000	5/30/2000

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Town of Oyster Bay	RW-3	RW-3-12/28/2001	12/28/2001
Town of Oyster Bay	RW-3	RW-3-01/03/2002	1/3/2002
Town of Oyster Bay	RW-3	RW-3-01/10/2002	1/10/2002
Town of Oyster Bay	RW-3	RW-3-01/15/2002	1/15/2002
Town of Oyster Bay	RW-3	RW-3-01/22/2002	1/22/2002
Town of Oyster Bay	RW-3	RW-3-01/29/2002	1/29/2002
Town of Oyster Bay	RW-3	RW-3-02/05/2002	2/5/2002
Town of Oyster Bay	RW-3	RW-3-02/12/2002	2/12/2002
Town of Oyster Bay	RW-3	RW-3-02/19/2002	2/19/2002
Town of Oyster Bay	RW-3	RW-3-02/26/2002	2/26/2002
Town of Oyster Bay	RW-3	RW-3-03/05/2002	3/5/2002
Town of Oyster Bay	RW-3	RW-3-03/12/2002	3/12/2002
Town of Oyster Bay	RW-3	RW-3-03/19/2002	3/19/2002
Town of Oyster Bay	RW-3	RW-3-03/26/2002	3/26/2002
Town of Oyster Bay	RW-3	RW-3-04/02/2002	4/2/2002
Town of Oyster Bay	RW-3	RW-3-04/09/2002	4/9/2002
Town of Oyster Bay	RW-3	RW-3-04/16/2002	4/16/2002
Town of Oyster Bay	RW-3	RW-3-04/23/2002	4/23/2002
Town of Oyster Bay	RW-3	RW-3-04/30/2002	4/30/2002
Town of Oyster Bay	RW-3	RW-3-05/07/2002	5/7/2002
Town of Oyster Bay	RW-3	RW-3-05/16/2002	5/16/2002
Town of Oyster Bay	RW-3	RW-3-05/23/2002	5/23/2002
Town of Oyster Bay	RW-3	RW-3-05/30/2002	5/30/2002
Town of Oyster Bay	RW-3	RW-3-06/06/2002	6/6/2002
Town of Oyster Bay	RW-3	RW-3-06/20/2002	6/20/2002
Town of Oyster Bay	RW-3	RW-3-10/24/2002	10/24/2002
Town of Oyster Bay	RW-3	RW-3-11/14/2002	11/14/2002
Town of Oyster Bay	RW-3	RW-3-12/13/2002	12/13/2002
Town of Oyster Bay	RW-3	RW-3-12/19/2002	12/19/2002
Town of Oyster Bay	RW-3	RW-3-01/02/2003	1/2/2003
Town of Oyster Bay	RW-3	RW-3-10/17/2003	10/17/2003
Town of Oyster Bay	RW-3	RW-3-10/23/2003	10/23/2003
Town of Oyster Bay	RW-3	RW-3-10/31/2003	10/31/2003
Town of Oyster Bay	RW-3	RW-3-11/14/2003	11/14/2003
Town of Oyster Bay	RW-3	RW-3-11/19/2003	11/19/2003
Town of Oyster Bay	RW-3	RW-3-12/23/2003	12/23/2003
Town of Oyster Bay	RW-3	RW-3-12/31/2003	12/31/2003
Town of Oyster Bay	RW-3	RW-3-01/07/2004	1/7/2004
Town of Oyster Bay	RW-3	RW-3-01/15/2004	1/15/2004
Town of Oyster Bay	RW-3	RW-3-01/22/2004	1/22/2004
Town of Oyster Bay	RW-3	RW-3-01/27/2004	1/27/2004
Town of Oyster Bay	RW-3	RW-3-02/06/2004	2/6/2004
Town of Oyster Bay	RW-3	RW-3-02/13/2004	2/13/2004
Town of Oyster Bay	RW-3	RW-3-02/19/2004	2/19/2004
Town of Oyster Bay	RW-3	RW-3-02/27/2004	2/27/2004
Town of Oyster Bay	RW-3	RW-3-03/02/2004	3/2/2004
Town of Oyster Bay	RW-3	RW-3-03/11/2004	3/11/2004

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Town of Oyster Bay	RW-4	RW-4-06/06/2000	6/6/2000
Town of Oyster Bay	RW-4	RW-4-06/13/2000	6/13/2000
Town of Oyster Bay	RW-4	RW-4-06/20/2000	6/20/2000
Town of Oyster Bay	RW-4	RW-4-06/27/2000	6/27/2000
Town of Oyster Bay	RW-4	RW-4-07/11/2000	7/11/2000
Town of Oyster Bay	RW-4	RW-4-07/18/2000	7/18/2000
Town of Oyster Bay	RW-4	RW-4-07/25/2000	7/25/2000
Town of Oyster Bay	RW-4	RW-4-08/01/2000	8/1/2000
Town of Oyster Bay	RW-4	RW-4-08/08/2000	8/8/2000
Town of Oyster Bay	RW-4	RW-4-08/15/2000	8/15/2000
Town of Oyster Bay	RW-4	RW-4-08/22/2000	8/22/2000
Town of Oyster Bay	RW-4	RW-4-08/29/2000	8/29/2000
Town of Oyster Bay	RW-4	RW-4-09/05/2000	9/5/2000
Town of Oyster Bay	RW-4	RW-4-09/19/2000	9/19/2000
Town of Oyster Bay	RW-4	RW-4-09/26/2000	9/26/2000
Town of Oyster Bay	RW-4	RW-4-10/03/2000	10/3/2000
Town of Oyster Bay	RW-4	RW-4-10/10/2000	10/10/2000
Town of Oyster Bay	RW-4	RW-4-10/17/2000	10/17/2000
Town of Oyster Bay	RW-4	RW-4-10/24/2000	10/24/2000
Town of Oyster Bay	RW-4	RW-4-10/31/2000	10/31/2000
Town of Oyster Bay	RW-4	RW-4-11/07/2000	11/7/2000
Town of Oyster Bay	RW-4	RW-4-11/14/2000	11/14/2000
Town of Oyster Bay	RW-4	RW-4-11/28/2000	11/28/2000
Town of Oyster Bay	RW-4	RW-4-12/05/2000	12/5/2000
Town of Oyster Bay	RW-4	RW-4-12/12/2000	12/12/2000
Town of Oyster Bay	RW-4	RW-4-12/19/2000	12/19/2000
Town of Oyster Bay	RW-4	RW-4-12/26/2000	12/26/2000
Town of Oyster Bay	RW-4	RW-4-01/02/2001	1/2/2001
Town of Oyster Bay	RW-4	RW-4-01/09/2001	1/9/2001
Town of Oyster Bay	RW-4	RW-4-06/05/2001	6/5/2001
Town of Oyster Bay	RW-4	RW-4-06/12/2001	6/12/2001
Town of Oyster Bay	RW-4	RW-4-06/19/2001	6/19/2001
Town of Oyster Bay	RW-4	RW-4-06/26/2001	6/26/2001
Town of Oyster Bay	RW-4	RW-4-07/03/2001	7/3/2001
Town of Oyster Bay	RW-4	RW-4-07/10/2001	7/10/2001
Town of Oyster Bay	RW-4	RW-4-07/17/2001	7/17/2001
Town of Oyster Bay	RW-4	RW-4-07/27/2001	7/27/2001
Town of Oyster Bay	RW-4	RW-4-08/02/2001	8/2/2001
Town of Oyster Bay	RW-4	RW-4-08/07/2001	8/7/2001
Town of Oyster Bay	RW-4	RW-4-08/14/2001	8/14/2001
Town of Oyster Bay	RW-4	RW-4-08/21/2001	8/21/2001
Town of Oyster Bay	RW-4	RW-4-08/28/2001	8/28/2001
Town of Oyster Bay	RW-4	RW-4-09/04/2001	9/4/2001
Town of Oyster Bay	RW-4	RW-4-09/11/2001	9/11/2001
Town of Oyster Bay	RW-4	RW-4-09/18/2001	9/18/2001
Town of Oyster Bay	RW-4	RW-4-09/25/2001	9/25/2001
Town of Oyster Bay	RW-4	RW-4-10/02/2001	10/2/2001

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Town of Oyster Bay	RW-4	RW-4-10/09/2001	10/9/2001
Town of Oyster Bay	RW-4	RW-4-10/16/2001	10/16/2001
Town of Oyster Bay	RW-4	RW-4-10/23/2001	10/23/2001
Town of Oyster Bay	RW-4	RW-4-10/30/2001	10/30/2001
Town of Oyster Bay	RW-4	RW-4-11/06/2001	11/6/2001
Town of Oyster Bay	RW-4	RW-4-11/13/2001	11/13/2001
Town of Oyster Bay	RW-4	RW-4-11/27/2001	11/27/2001
Town of Oyster Bay	RW-4	RW-4-12/04/2001	12/4/2001
Town of Oyster Bay	RW-4	RW-4-12/28/2001	12/28/2001
Town of Oyster Bay	RW-4	RW-4-01/03/2002	1/3/2002
Town of Oyster Bay	RW-4	RW-4-01/10/2002	1/10/2002
Town of Oyster Bay	RW-4	RW-4-01/15/2002	1/15/2002
Town of Oyster Bay	RW-4	RW-4-01/22/2002	1/22/2002
Town of Oyster Bay	RW-4	RW-4-01/29/2002	1/29/2002
Town of Oyster Bay	RW-4	RW-4-02/05/2002	2/5/2002
Town of Oyster Bay	RW-4	RW-4-02/12/2002	2/12/2002
Town of Oyster Bay	RW-4	RW-4-02/19/2002	2/19/2002
Town of Oyster Bay	RW-4	RW-4-02/26/2002	2/26/2002
Town of Oyster Bay	RW-4	RW-4-03/05/2002	3/5/2002
Town of Oyster Bay	RW-4	RW-4-03/12/2002	3/12/2002
Town of Oyster Bay	RW-4	RW-4-03/19/2002	3/19/2002
Town of Oyster Bay	RW-4	RW-4-03/26/2002	3/26/2002
Town of Oyster Bay	RW-4	RW-4-04/02/2002	4/2/2002
Town of Oyster Bay	RW-4	RW-4-04/09/2002	4/9/2002
Town of Oyster Bay	RW-4	RW-4-04/16/2002	4/16/2002
Town of Oyster Bay	RW-4	RW-4-04/23/2002	4/23/2002
Town of Oyster Bay	RW-4	RW-4-04/30/2002	4/30/2002
Town of Oyster Bay	RW-4	RW-4-05/07/2002	5/7/2002
Town of Oyster Bay	RW-4	RW-4-05/16/2002	5/16/2002
Town of Oyster Bay	RW-4	RW-4-05/23/2002	5/23/2002
Town of Oyster Bay	RW-4	RW-4-05/30/2002	5/30/2002
Town of Oyster Bay	RW-4	RW-4-06/06/2002	6/6/2002
Town of Oyster Bay	RW-4	RW-4-06/20/2002	6/20/2002
Town of Oyster Bay	RW-4	RW-4-06/27/2002	6/27/2002
Town of Oyster Bay	RW-4	RW-4-07/04/2002	7/4/2002
Town of Oyster Bay	RW-4	RW-4-07/11/2002	7/11/2002
Town of Oyster Bay	RW-4	RW-4-07/18/2002	7/18/2002
Town of Oyster Bay	RW-4	RW-4-07/25/2002	7/25/2002
Town of Oyster Bay	RW-4	RW-4-08/01/2002	8/1/2002
Town of Oyster Bay	RW-4	RW-4-08/08/2002	8/8/2002
Town of Oyster Bay	RW-4	RW-4-08/15/2002	8/15/2002
Town of Oyster Bay	RW-4	RW-4-08/22/2002	8/22/2002
Town of Oyster Bay	RW-4	RW-4-08/29/2002	8/29/2002
Town of Oyster Bay	RW-4	RW-4-09/05/2002	9/5/2002
Town of Oyster Bay	RW-4	RW-4-09/12/2002	9/12/2002
Town of Oyster Bay	RW-4	RW-4-09/19/2002	9/19/2002
Town of Oyster Bay	RW-4	RW-4-09/26/2002	9/26/2002

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Town of Oyster Bay	RW-4	RW-4-10/24/2002	10/24/2002
Town of Oyster Bay	RW-4	RW-4-11/14/2002	11/14/2002
Town of Oyster Bay	RW-4	RW-4-12/13/2002	12/13/2002
Town of Oyster Bay	RW-4	RW-4-12/19/2002	12/19/2002
Town of Oyster Bay	RW-4	RW-4-01/02/2003	1/2/2003
Town of Oyster Bay	RW-4	RW-4-02/27/2003	2/27/2003
Town of Oyster Bay	RW-4	RW-4-03/06/2003	3/6/2003
Town of Oyster Bay	RW-4	RW-4-03/13/2003	3/13/2003
Town of Oyster Bay	RW-4	RW-4-03/20/2003	3/20/2003
Town of Oyster Bay	RW-4	RW-4-03/27/2003	3/27/2003
Town of Oyster Bay	RW-4	RW-4-04/03/2003	4/3/2003
Town of Oyster Bay	RW-4	RW-4-04/10/2003	4/10/2003
Town of Oyster Bay	RW-4	RW-4-04/17/2003	4/17/2003
Town of Oyster Bay	RW-4	RW-4-04/24/2003	4/24/2003
Town of Oyster Bay	RW-4	RW-4-05/01/2003	5/1/2003
Town of Oyster Bay	RW-4	RW-4-05/08/2003	5/8/2003
Town of Oyster Bay	RW-4	RW-4-05/15/2003	5/15/2003
Town of Oyster Bay	RW-4	RW-4-05/22/2003	5/22/2003
Town of Oyster Bay	RW-4	RW-4-05/29/2003	5/29/2003
Town of Oyster Bay	RW-4	RW-4-06/05/2003	6/5/2003
Town of Oyster Bay	RW-4	RW-4-06/12/2003	6/12/2003
Town of Oyster Bay	RW-4	RW-4-06/19/2003	6/19/2003
Town of Oyster Bay	RW-4	RW-4-06/26/2003	6/26/2003
Town of Oyster Bay	RW-4	RW-4-07/03/2003	7/3/2003
Town of Oyster Bay	RW-4	RW-4-07/17/2003	7/17/2003
Town of Oyster Bay	RW-4	RW-4-07/24/2003	7/24/2003
Town of Oyster Bay	RW-4	RW-4-07/31/2003	7/31/2003
Town of Oyster Bay	RW-4	RW-4-08/07/2003	8/7/2003
Town of Oyster Bay	RW-4	RW-4-08/21/2003	8/21/2003
Town of Oyster Bay	RW-4	RW-4-08/28/2003	8/28/2003
Town of Oyster Bay	RW-4	RW-4-09/04/2003	9/4/2003
Town of Oyster Bay	RW-4	RW-4-09/11/2003	9/11/2003
Town of Oyster Bay	RW-4	RW-4-09/18/2003	9/18/2003
Town of Oyster Bay	RW-4	RW-4-10/03/2003	10/3/2003
Town of Oyster Bay	RW-4	RW-4-10/08/2003	10/8/2003
Town of Oyster Bay	RW-5	RW-5-01/04/2000	1/4/2000
Town of Oyster Bay	RW-5	RW-5-01/11/2000	1/11/2000
Town of Oyster Bay	RW-5	RW-5-01/18/2000	1/18/2000
Town of Oyster Bay	RW-5	RW-5-01/25/2000	1/25/2000
Town of Oyster Bay	RW-5	RW-5-02/01/2000	2/1/2000
Town of Oyster Bay	RW-5	RW-5-02/08/2000	2/8/2000
Town of Oyster Bay	RW-5	RW-5-02/15/2000	2/15/2000
Town of Oyster Bay	RW-5	RW-5-02/22/2000	2/22/2000
Town of Oyster Bay	RW-5	RW-5-02/29/2000	2/29/2000
Town of Oyster Bay	RW-5	RW-5-03/07/2000	3/7/2000
Town of Oyster Bay	RW-5	RW-5-03/21/2000	3/21/2000
Town of Oyster Bay	RW-5	RW-5-03/28/2000	3/28/2000

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Town of Oyster Bay	RW-5	RW-5-04/04/2000	4/4/2000
Town of Oyster Bay	RW-5	RW-5-04/11/2000	4/11/2000
Town of Oyster Bay	RW-5	RW-5-04/18/2000	4/18/2000
Town of Oyster Bay	RW-5	RW-5-04/25/2000	4/25/2000
Town of Oyster Bay	RW-5	RW-5-05/02/2000	5/2/2000
Town of Oyster Bay	RW-5	RW-5-06/26/2001	6/26/2001
Town of Oyster Bay	RW-5	RW-5-07/03/2001	7/3/2001
Town of Oyster Bay	RW-5	RW-5-07/10/2001	7/10/2001
Town of Oyster Bay	RW-5	RW-5-07/17/2001	7/17/2001
Town of Oyster Bay	RW-5	RW-5-07/27/2001	7/27/2001
Town of Oyster Bay	RW-5	RW-5-08/02/2001	8/2/2001
Town of Oyster Bay	RW-5	RW-5-08/07/2001	8/7/2001
Town of Oyster Bay	RW-5	RW-5-08/14/2001	8/14/2001
Town of Oyster Bay	RW-5	RW-5-08/21/2001	8/21/2001
Town of Oyster Bay	RW-5	RW-5-08/28/2001	8/28/2001
Town of Oyster Bay	RW-5	RW-5-09/11/2001	9/11/2001
Town of Oyster Bay	RW-5	RW-5-09/18/2001	9/18/2001
Town of Oyster Bay	RW-5	RW-5-09/25/2001	9/25/2001
Town of Oyster Bay	RW-5	RW-5-10/02/2001	10/2/2001
Town of Oyster Bay	RW-5	RW-5-10/09/2001	10/9/2001
Town of Oyster Bay	RW-5	RW-5-10/16/2001	10/16/2001
Town of Oyster Bay	RW-5	RW-5-10/23/2001	10/23/2001
Town of Oyster Bay	RW-5	RW-5-10/30/2001	10/30/2001
Town of Oyster Bay	RW-5	RW-5-11/06/2001	11/6/2001
Town of Oyster Bay	RW-5	RW-5-11/13/2001	11/13/2001
Town of Oyster Bay	RW-5	RW-5-11/27/2001	11/27/2001
Town of Oyster Bay	RW-5	RW-5-12/04/2001	12/4/2001
Town of Oyster Bay	RW-5	RW-5-12/28/2001	12/28/2001
Town of Oyster Bay	RW-5	RW-5-01/03/2002	1/3/2002
Town of Oyster Bay	RW-5	RW-5-01/10/2002	1/10/2002
Town of Oyster Bay	RW-5	RW-5-01/15/2002	1/15/2002
Town of Oyster Bay	RW-5	RW-5-01/22/2002	1/22/2002
Town of Oyster Bay	RW-5	RW-5-01/29/2002	1/29/2002
Town of Oyster Bay	RW-5	RW-5-02/05/2002	2/5/2002
Town of Oyster Bay	RW-5	RW-5-02/12/2002	2/12/2002
Town of Oyster Bay	RW-5	RW-5-02/19/2002	2/19/2002
Town of Oyster Bay	RW-5	RW-5-02/26/2002	2/26/2002
Town of Oyster Bay	RW-5	RW-5-03/05/2002	3/5/2002
Town of Oyster Bay	RW-5	RW-5-03/12/2002	3/12/2002
Town of Oyster Bay	RW-5	RW-5-03/19/2002	3/19/2002
Town of Oyster Bay	RW-5	RW-5-03/26/2002	3/26/2002
Town of Oyster Bay	RW-5	RW-5-04/02/2002	4/2/2002
Town of Oyster Bay	RW-5	RW-5-04/09/2002	4/9/2002
Town of Oyster Bay	RW-5	RW-5-04/16/2002	4/16/2002
Town of Oyster Bay	RW-5	RW-5-04/23/2002	4/23/2002
Town of Oyster Bay	RW-5	RW-5-04/30/2002	4/30/2002
Town of Oyster Bay	RW-5	RW-5-05/07/2002	5/7/2002

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Town of Oyster Bay	RW-5	RW-5-05/16/2002	5/16/2002
Town of Oyster Bay	RW-5	RW-5-05/23/2002	5/23/2002
Town of Oyster Bay	RW-5	RW-5-06/20/2002	6/20/2002
Town of Oyster Bay	RW-5	RW-5-06/27/2002	6/27/2002
Town of Oyster Bay	RW-5	RW-5-07/04/2002	7/4/2002
Town of Oyster Bay	RW-5	RW-5-07/11/2002	7/11/2002
Town of Oyster Bay	RW-5	RW-5-07/18/2002	7/18/2002
Town of Oyster Bay	RW-5	RW-5-07/25/2002	7/25/2002
Town of Oyster Bay	RW-5	RW-5-08/01/2002	8/1/2002
Town of Oyster Bay	RW-5	RW-5-08/08/2002	8/8/2002
Town of Oyster Bay	RW-5	RW-5-08/15/2002	8/15/2002
Town of Oyster Bay	RW-5	RW-5-08/22/2002	8/22/2002
Town of Oyster Bay	RW-5	RW-5-08/29/2002	8/29/2002
Town of Oyster Bay	RW-5	RW-5-09/05/2002	9/5/2002
Town of Oyster Bay	RW-5	RW-5-09/12/2002	9/12/2002
Town of Oyster Bay	RW-5	RW-5-09/19/2002	9/19/2002
Town of Oyster Bay	RW-5	RW-5-09/26/2002	9/26/2002
Town of Oyster Bay	RW-5	RW-5-10/24/2002	10/24/2002
Town of Oyster Bay	RW-5	RW-5-11/14/2002	11/14/2002
Town of Oyster Bay	RW-5	RW-5-12/13/2002	12/13/2002
Town of Oyster Bay	RW-5	RW-5-12/19/2002	12/19/2002
Town of Oyster Bay	RW-5	RW-5-01/02/2003	1/2/2003
Town of Oyster Bay	RW-5	RW-5-02/27/2003	2/27/2003
Town of Oyster Bay	RW-5	RW-5-03/06/2003	3/6/2003
Town of Oyster Bay	RW-5	RW-5-03/13/2003	3/13/2003
Town of Oyster Bay	RW-5	RW-5-03/20/2003	3/20/2003
Town of Oyster Bay	RW-5	RW-5-03/27/2003	3/27/2003
Town of Oyster Bay	RW-5	RW-5-04/03/2003	4/3/2003
Town of Oyster Bay	RW-5	RW-5-04/10/2003	4/10/2003
Town of Oyster Bay	RW-5	RW-5-04/17/2003	4/17/2003
Town of Oyster Bay	RW-5	RW-5-04/24/2003	4/24/2003
Town of Oyster Bay	RW-5	RW-5-05/01/2003	5/1/2003
Town of Oyster Bay	RW-5	RW-5-05/08/2003	5/8/2003
Town of Oyster Bay	RW-5	RW-5-05/15/2003	5/15/2003
Town of Oyster Bay	RW-5	RW-5-05/22/2003	5/22/2003
Town of Oyster Bay	RW-5	RW-5-05/29/2003	5/29/2003
Town of Oyster Bay	RW-5	RW-5-06/05/2003	6/5/2003
Town of Oyster Bay	RW-5	RW-5-06/12/2003	6/12/2003
Town of Oyster Bay	RW-5	RW-5-06/19/2003	6/19/2003
Town of Oyster Bay	RW-5	RW-5-06/26/2003	6/26/2003
Town of Oyster Bay	RW-5	RW-5-07/03/2003	7/3/2003
Town of Oyster Bay	RW-5	RW-5-07/17/2003	7/17/2003
Town of Oyster Bay	RW-5	RW-5-07/24/2003	7/24/2003
Town of Oyster Bay	RW-5	RW-5-07/31/2003	7/31/2003
Town of Oyster Bay	RW-5	RW-5-08/07/2003	8/7/2003
Town of Oyster Bay	RW-5	RW-5-08/21/2003	8/21/2003
Town of Oyster Bay	RW-5	RW-5-09/04/2003	9/4/2003

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
Town of Oyster Bay	RW-5	RW-5-09/11/2003	9/11/2003
Town of Oyster Bay	RW-5	RW-5-09/18/2003	9/18/2003
Town of Oyster Bay	RW-5	RW-5-10/03/2003	10/3/2003
Town of Oyster Bay	RW-5	RW-5-10/08/2003	10/8/2003
Town of Oyster Bay	RW-5	RW-5-10/17/2003	10/17/2003
Town of Oyster Bay	RW-5	RW-5-10/23/2003	10/23/2003
Town of Oyster Bay	RW-5	RW-5-11/14/2003	11/14/2003
Town of Oyster Bay	RW-5	RW-5-12/17/2003	12/17/2003
Town of Oyster Bay	RW-5	RW-5-12/23/2003	12/23/2003
Town of Oyster Bay	RW-5	RW-5-12/31/2003	12/31/2003
Town of Oyster Bay	RW-5	RW-5-01/07/2004	1/7/2004
Town of Oyster Bay	RW-5	RW-5-01/15/2004	1/15/2004
Town of Oyster Bay	RW-5	RW-5-01/22/2004	1/22/2004
Town of Oyster Bay	RW-5	RW-5-01/27/2004	1/27/2004
Town of Oyster Bay	RW-5	RW-5-02/06/2004	2/6/2004
Town of Oyster Bay	RW-5	RW-5-02/13/2004	2/13/2004
Town of Oyster Bay	RW-5	RW-5-02/19/2004	2/19/2004
Town of Oyster Bay	RW-5	RW-5-02/27/2004	2/27/2004
Town of Oyster Bay	RW-5	RW-5-03/02/2004	3/2/2004
Town of Oyster Bay	RW-5	RW-5-03/11/2004	3/11/2004
Town of Oyster Bay	RW-5	RW-5-03/18/2004	3/18/2004
Town of Oyster Bay	RW-5	RW-5-03/26/2004	3/26/2004
Town of Oyster Bay	RW-5	RW-5-04/08/2004	4/8/2004
Town of Oyster Bay	RW-5	RW-5-04/16/2004	4/16/2004
Town of Oyster Bay	RW-5	RW-5-04/22/2004	4/22/2004
Town of Oyster Bay	RW-5	RW-5-04/29/2004	4/29/2004
Town of Oyster Bay	RW-5	RW-5-05/06/2004	5/6/2004
Town of Oyster Bay	RW-5	RW-5-05/14/2004	5/14/2004
Town of Oyster Bay	RW-5	RW-5-05/21/2004	5/21/2004
Town of Oyster Bay	RW-5	RW-5-05/27/2004	5/27/2004
Town of Oyster Bay	RW-5	RW-5-06/03/2004	6/3/2004
Town of Oyster Bay	RW-5	RW-5-06/10/2004	6/10/2004
Town of Oyster Bay	RW-5	RW-5-06/17/2004	6/17/2004
Town of Oyster Bay	RW-5	RW-5-06/24/2004	6/24/2004
Town of Oyster Bay	RW-5	RW-5-07/01/2004	7/1/2004
Town of Oyster Bay	RW-5	RW-5-07/08/2004	7/8/2004
Town of Oyster Bay	RW-5	RW-5-07/16/2004	7/16/2004
Town of Oyster Bay	RW-5	RW-5-07/23/2004	7/23/2004
Town of Oyster Bay	RW-5	RW-5-09/10/2004	9/10/2004
Town of Oyster Bay	RW-5	RW-5-09/15/2004	9/15/2004
Town of Oyster Bay	RW-5	RW-5-09/23/2004	9/23/2004
Town of Oyster Bay	RW-5	RW-5-10/07/2004	10/7/2004
Town of Oyster Bay	RW-5	RW-5-10/15/2004	10/15/2004
USEPA	SW-1	SW-1-03/01/1986	3/1/1986
USEPA	SW-1	SW-1-06/01/1986	6/1/1986
USEPA	SW-1	SW-1-04/01/1989	4/1/1989
USEPA	SW-1	SW-1-06/01/1989	6/1/1989

Table A-1. Compiled Analytical Groundwater Data

Data_Provider	Station_ID	Sample_ID	Sample_Date
USEPA	SW-1	SW-1-07/01/1992	7/1/1992
USEPA	SW-1	SW-1-05/25/2000	5/25/2000
USEPA	SW-1	SW-1-09/13/2000	9/13/2000
USEPA	SW-1	SW-1-02/13/2001	2/13/2001
USEPA	SW-1	SW-1-05/29/2001	5/29/2001
USEPA	SW-1	SW-1-08/20/2001	8/20/2001
USEPA	SW-1	SW-1-10/23/2003	10/23/2003
USEPA	SW-1	SW-1-01/19/2004-08:00:00-TB	1/19/2004
USEPA	SW-1	SW-1-01/19/2004-10:30:00	1/19/2004
USEPA	SW-1	SW-1-01/19/2004-10:30:00-DL	1/19/2004
USEPA	SW-1	SW-1-04/21/2004-16:10:00	4/21/2004
USEPA	SW-1	SW-1-04/21/2004-16:10:00-DL	4/21/2004
USEPA	SW-1	SW-1-07/21/2004-16:30:00	7/21/2004
USEPA	SW-1	SW-1-07/21/2004-16:30:00-DL	7/21/2004
USEPA	SW-1	SW-1-10/20/2004-14:25:00	10/20/2004
USEPA	SW-1	SW-1-02/21/2005-09:50:00	2/21/2005
USEPA	SW-1	SW-1-02/21/2005-09:50:00-DL	2/21/2005
USEPA	SW-1	SW-1-04/14/2005-08:00:00	4/14/2005
USEPA	SW-1	SW-1-07/20/2005-14:10:00	7/20/2005
USEPA	SW-1	SW-1-07/20/2005-14:10:00-DL	7/20/2005
USEPA	SW-1	SW-1-10/05/2005-12:55:00	10/5/2005
USEPA	SW-1	SW-1-10/05/2005-12:55:00-DL	10/5/2005
Nassau County	U-6A	U-6A-06/13/2000	6/13/2000
Nassau County	U-6A	U-6A-06/18/2001	6/18/2001
Nassau County	U-6A	U-6A-07/02/2002	7/2/2002
Nassau County	U-6A	U-6A-07/28/2003	7/28/2003
USEPA	WT-1	WT-1-04/17/2003	4/17/2003
USEPA	WT-1	WT-1-07/28/2003	7/28/2003
USEPA	WT-1	WT-1-10/22/2003	10/22/2003
USEPA	WT-1	WT-1-01/21/2004-10:10:00	1/21/2004
USEPA	WT-1	WT-1-04/20/2004-08:00:00	4/20/2004
USEPA	WT-1	WT-1-07/20/2004-17:10:00	7/20/2004
USEPA	WT-1	WT-1-10/20/2004-15:50:00	10/20/2004
USEPA	WT-1	WT-1-02/21/2005-13:40:00	2/21/2005
USEPA	WT-1	WT-1-02/21/2005-13:40:00-FS	2/21/2005
USEPA	WT-1	WT-1-02/21/2005-13:50:00-FR	2/21/2005
USEPA	WT-1	WT-1-02/21/2005-14:15:00-TB	2/21/2005
USEPA	WT-1	WT-1-04/13/2005-16:25:00	4/13/2005
USEPA	WT-1	WT-1-07/18/2005-15:30:00	7/18/2005
USEPA	WT-1	WT-1-07/18/2005-15:35:00-FR	7/18/2005
USEPA	WT-1	WT-1-10/03/2005-15:00:00	10/3/2005

Table A-2. Compiled Well and Soil Boring Logs

Station_ID	Well Owner	Well Construction Log	Boring Log	Coordinates
BMW-1	Nassau County			
BMW-2	Nassau County			
BP-10B	Nassau County			
BP-10C	Nassau County			
BP-11	Nassau County			
BP-12A	Nassau County			
BP-12B	Nassau County	x	x	
BP-12C	Nassau County			
BP-13B	Nassau County			
BP-13C	Nassau County			
BP-14B	Nassau County			
BP-14C	Nassau County			
BP-1A	Nassau County			
BP-1B	Nassau County			
BP-1C	Nassau County			
BP-2A	Nassau County			
BP-2B	Nassau County			
BP-3A	Nassau County	x	x	x
BP-3B	Nassau County	x	x	x
BP-3C	Nassau County	x	x	x
BP-4A	Nassau County	x	x	
BP-4B	Nassau County	x	x	
BP-4C	Nassau County	x	x	
BP-4I	Nassau County			
BP-5A	Nassau County	x	x	
BP-5B	Nassau County	x	x	
BP-5C	Nassau County	x	x	
BP-6A	Nassau County	x	x	
BP-6B	Nassau County	x	x	
BP-6C	Nassau County	x	x	
BP-7A	Nassau County	x	x	
BP-7B	Nassau County	x	x	
BP-7C	Nassau County	x	x	
BP-8A	Nassau County	x	x	
BP-8B	Nassau County	x	x	
BP-8C	Nassau County	x	x	
BP-9I	Nassau County			
BP-9B	Nassau County			
BP-9C	Nassau County			
DW-01	Claremont			x
DW-02	Claremont			x
EW-1A	Claremont	x	x	x
EW-1B	Claremont	x	x	x
EW-1C	Claremont	x	x	x
EW-2A	Claremont	x	x	x
EW-2B	Claremont	x	x	x

Station_ID	Well Owner	Well Construction Log	Boring Log	Coordinates
EW-2C	Claremont	x	x	x
EW-3A	Claremont	x	x	x
EW-3B	Claremont	x	x	x
EW-3C	Claremont	x	x	x
EW-4A	Claremont	x	x	x
EW-4B	Claremont	x	x	x
EW-4C	Claremont	x	x	x
EW-5	Claremont	x	x	x
EW-6A	Claremont	x	x	x
EW-6C	Claremont	x	x	x
EW-7C	Claremont	x	x	x
EW-7D	Claremont	x	x	x
EW-8D	Claremont	x	x	x
EW-9D	Claremont	x	x	x
EXT-1	Claremont	x	x	x
EXT-2	Claremont	x	x	x
EXT-3	Claremont	x	x	x
FTC/BP-1A	Nassau County			
FTC/BP-1B	Nassau County			
FTC/BP-1C	Nassau County			
FTC/BP-2A	Nassau County			
FTC/BP-2B	Nassau County	x	x	
FTC-W-1	Nassau County			
FTC-W-2	Nassau County			
FTC-W-3	Nassau County			
FTC-W-4A	Nassau County	x	x	
FTC-W-4B	Nassau County	x	x	
FTC-W-5D	Nassau County			
FTC-W-6	Nassau County			
FTC-W-7A	Nassau County	x	x	
FTC-W-7B	Nassau County	x	x	
FTC-W-7C	Nassau County	x	x	
FTC-W-7D	Nassau County	x	x	
FTC-W-8A	Nassau County			
FTC-W-8B	Nassau County			
FTC-W-9A	Nassau County	x	x	
FTC-W-9B	Nassau County	x	x	
FTC-W-10D	Nassau County			
FTC-W-11	Nassau County			
FTC-W-12	Nassau County			
FTC-W-13	Nassau County			
FTC-W-14A	Nassau County	x	x	
FTC-W-14B	Nassau County	x	x	
FTC-W-15	Nassau County			
FTC-W-16	Nassau County			
FTC-W-17	Nassau County			
FTC-W-18	Nassau County			
FTC-W-19	Nassau County			
FTC-W-20A	Nassau County			

Station_ID	Well Owner	Well Construction Log	Boring Log	Coordinates
FTC-W-20B	Nassau County			
FTC-W-20C	Nassau County			
FTC-W-20D	Nassau County			
FTC-W-21A	Nassau County			
FTC-W-21B	Nassau County			
FTC-W-21C	Nassau County			
FTC-W-21D	Nassau County			
FTC-W-22	Nassau County			
FTC-W-23	Nassau County	x	x	
FTC-W-24	Nassau County			
FTC-W-25	Nassau County			
FTC-W-26	Nassau County			
FTC-W-27	Nassau County			
FTC-W-28	Nassau County			
FTC-W-29	Nassau County			
FTC-W-30	Nassau County			
FTC-W-31	Nassau County	x	x	
FTC-W-32	Nassau County	x	x	
FTC-W-33	Nassau County			
FTC-W-35	Nassau County	x	x	
GW-1D	Nassau County			
GW-2D	Nassau County			
GW-4D	Nassau County			
GW-5D	Nassau County			
GW-6D	Nassau County			
GW-7D	Nassau County			
GW-8D	Nassau County			
GW-9D	Nassau County			
GW-10D	Nassau County			
GW-11D	Nassau County			
GW-12D	Nassau County			
LF-01	Town of Oyster Bay			
LF-02	Town of Oyster Bay			x
LF-03	Town of Oyster Bay			
LF-04	Town of Oyster Bay			
M-29A-R	Town of Oyster Bay			
M-29B	Town of Oyster Bay			
M-30A	Town of Oyster Bay			
M-30B-R	Town of Oyster Bay			
MW-5A	Town of Oyster Bay	x	x	
MW-5B	Town of Oyster Bay	x	x	
MW-6A	Town of Oyster Bay	x	x	x
MW-6B	Town of Oyster Bay	x	x	x
MW-6C	Town of Oyster Bay	x	x	x
MW-6D	Town of Oyster Bay	x	x	x
MW-6E	Town of Oyster Bay	x	x	x
MW-6F	Town of Oyster Bay	x	x	x
MW-7A	Town of Oyster Bay	x	x	
MW-7B	Town of Oyster Bay	x	x	

Station_ID	Well Owner	Well Construction Log	Boring Log	Coordinates
MW-8A	Town of Oyster Bay	x	x	x
MW-8B	Town of Oyster Bay	x	x	x
MW-8C	Town of Oyster Bay	x	x	x
MW-9A	Town of Oyster Bay	x	x	
MW-9B	Town of Oyster Bay	x	x	
MW-9C	Town of Oyster Bay	x	x	
MW-9D	Town of Oyster Bay	x	x	
MW-10A	Town of Oyster Bay	x	x	x
MW-10B	Town of Oyster Bay	x	x	x
MW-10C	Town of Oyster Bay	x	x	x
MW-10D	Town of Oyster Bay	x	x	x
MW-11A	Town of Oyster Bay	x		
MW-11B	Town of Oyster Bay	x		
ORW-1	Nassau County	x	x	
ORW-2	Nassau County	x	x	
ORW-3	Nassau County	x	x	
ORW-4	Nassau County	x	x	
ORW-5	Nassau County	x	x	
ORW-6	Nassau County	x	x	
ORW-7	Nassau County	x	x	
PPW-1	Claremont	x	x	x
PW-1	Nassau County	x		
PW-2	Nassau County	x		
PW-3	Nassau County	x		
RB-1	Nassau County	x	x	
RW-1	Nassau County	x	x	
RW-2	Nassau County	x	x	
RW-3	Nassau County	x	x	
RW-1	Town of Oyster Bay	x	x	
RW-2	Town of Oyster Bay			
RW-3	Town of Oyster Bay			
RW-4	Town of Oyster Bay			
RW-5	Town of Oyster Bay			
SW-01	Claremont			x
TU-3	Nassau County			
TW-1	Town of Oyster Bay			
TW-2	Town of Oyster Bay			
TW-6R	Town of Oyster Bay			
U-6A	Nassau County			
U-7 (N09980)	Nassau County			
UM-1	Nassau County			
W-34	Nassau County			
W-35	Nassau County			
W-36	Nassau County			
W-37	Nassau County			
W-38	Nassau County			
W-39	Nassau County			
W-40	Nassau County			
W-7C	Nassau County			

Station_ID	Well Owner	Well Construction Log	Boring Log	Coordinates
W-7D	Nassau County			
WT-01	Claremont	x		x
IW-1	Claremont	x	x	x
IW-2	Claremont	x	x	x
IW-3	Claremont	x	x	x
IW-4	Claremont	x	x	x
IW-1	Nassau County	x	x	
IW-3	Nassau County	x	x	
1-3	Farmingdale Public Supply	x	x	
2-2	Farmingdale Public Supply	x	x	
2-3	Farmingdale Public Supply	x		
5-1	Plainview Public Supply	x		
5-2	Plainview Public Supply	x		
5-3	Plainview Public Supply	x	x	
5-4	Plainview Public Supply	x	x	
N-00617	Bethpage State Park			
N-07438	Bethpage State Park			
N-10457	Bethpage State Park	x	x	
N-189	Bethpage State Park	x		
OBS-1	Town of Oyster Bay	x	x	
OBS-2	Town of Oyster Bay	x	x	

Table A-3

Groundwater Elevation and Well Construction Data
Claremont Polychemical Superfund Site
Old Bethpage, NY

Well ID	Northing (NAD27)	Easting (NAD27)	Well Diameter (inches)	Depth of Screened Interval (ft bgs)	Elevation of Screened Interval (ft AMSL)	Depth to Pump (ft bgs)	Well Depth (ft bgs)	Elevation (NGVD29) to Top of: Steel Casing (ft AMSL)	PVC Casing (ft AMSL)	Pump Cap (ft AMSL)	February 2002: Sample Date	Depth to Water Below Ref El[a] (ft)	Water Elevation (ft AMSL)	April 2002: Sample Date	Depth to Water Below Ref El[a] (ft)	Water Elevation (ft AMSL)	May 2002: Sample Date	Depth to Water Below Ref El[a] (ft)	Water Elevation (ft AMSL)
Monitoring Wells																			
SW-1	194071.311	2154123.654	4	65 to 70	61.50 to 66.50	70	70.99		131.31	131.49	Feb-02	70.67	60.64	5-Apr-02	70.99	60.32		dry	
DW-1	194070.541	2154132.146	4	93.5 to 98.5	32.89 to 38.39	95	99.10		131.19	131.38	Feb-02	70.67	60.52	5-Apr-02	71.16	60.03	16-May-02	71.72	59.66
SW-2	194051.190	2154448.258	4	63 to 73	65.10 to 75.10	/d	73.11		136.93	/d		dry			dry			dry	
DW-2	194063.355	2154430.872	4	95 to 100	37.35 to 42.35	100	100.79		137.61	136.42	Feb-02	86.00	51.61	5-Apr-02	77.45	60.16	15-May-02	78.24	59.18
EW-1A	193873.779	2154019.942	4	65.17 to 75.00	53.34 to 63.17	75	76.50	130.09	130.02	130.06	NM	NM	NM	5-Apr-02	70.20	59.82	16-May-02	70.61	59.39
EW-1B	193883.104	2154024.450	4	90.17 to 100.00	28.75 to 38.58	100	102.40	130.65	130.56	130.53	NM	NM	NM	5-Apr-02	70.77	59.79	16-May-02	71.13	59.40
EW-1C	193876.735	2154013.250	4	115.17 to125.00	3.43 to 13.26	125	127.50	130.60	130.47	130.44	NM	NM	NM	5-Apr-02	70.51	59.96	16-May-02	71.02	59.42
EW-2A	193955.252	2154621.992	4	92.17 to 102.00	65.19 to 55.36	105	108.50	157.54	157.14	157.36	Feb-02	97.67	59.47	5-Apr-02	98.35	58.79	17-May-02	99.89	58.47
EW-2B	193968.144	2154627.191	4	120.17 to 130.00	28.74 to 38.57	125	129.50	157.99	157.61	157.75	Feb-02	98.17	59.44	5-Apr-02	98.59	59.02	15-May-02	99.05	58.68
EW-2C	193965.658	2154619.710	4	140.17 to 150.00	7.50 to 17.43	145	149.50	157.93	157.54	157.66	Feb-02	98.33	59.21	5-Apr-02	98.60	58.94	15-May-02	99.19	58.47
EW-3A	192803.360	2155737.476	4	95.17 to 105.00	52.28 to 62.11	103	106.00	159.24	158.92		NM	NM	NM	NM	NM	NM	NM	NM	NM
EW-3B	192823.359	2155736.476	4	125.17 to 135.00	22.32 to 32.15	133	136.66	159.36	159.06		NM	NM	NM	NM	NM	NM	NM	NM	NM
EW-3C	192822.360	2155742.476	4	154.17 to 164.00	2.99 to -6.84	162	165.85	159.25	158.92		NM	NM	NM	NM	NM	NM	NM	NM	NM
EW-4A	194255.578	2154569.281	4	100.17 to 115	44.86 to 59.69	115	116.60	161.81	161.89	161.78	Feb-02	102.58	59.31	5-Apr-02	101.69	60.21	16-May-02	102.90	58.88
EW-4B	194249.291	2154569.137	4	120.17 to 130.00	29.8 to 39.63	130	131.72	161.91	161.67	161.80	Feb-02	101.42	60.25	5-Apr-02	101.72	59.95	16-May-02	102.17	59.63
EW-4C	194242.950	2154569.109	4	145.17 to 155.00	4.59 to 14.42	150	157.00	161.68	161.41	161.54	Feb-02	101.17	60.24	5-Apr-02	101.47	59.94	16-May-02	101.91	59.63
EW-5	194051.026	2154443.232	4	165.17 to 175.00	-31.16 to -40.99	170	178.87	135.81	135.55	136.98	Feb-02	77.08	58.47	5-Apr-02	75.43	60.12	15-May-02	76.36	59.62
EW-6A	194695.522	2154111.047	4	63.17 to 73.00	57.66 to 67.49	/d	71.00	130.76	130.32	/d	NM	NM	NM	NM	NM	NM	NM	NM	NM
EW-6B	Abandoned		4	110.17 to 120.00	10.79 to 20.62	NA	NA	130.86	130.61	NA		abandoned			abandoned			abandoned	
EW-6C	194691.623	2154118.917	4	160.67 to 170.50	-29.60 to -39.43	165	169.00	131.53	130.40	/d	NM	NM	NM	NM	NM	NM	NM	NM	NM
EW-7C	194676.000	2154489.000	2.5	189.00 to 199.00	-37.47 to -47.47	194.7	199.50	154.14	NA	153.79	NM	NM	NM	NM	NM	NM	NM	NM	NM
EW-7D	194677.613	2154479.434	2.5	273.00 to 283.00	-121.47 to -131.47	278.2	283.50	153.92	NA	153.71	NM	NM	NM	NM	NM	NM	NM	NM	NM
EW-8D	194519.683	2153854.990	2.5	232.00 to 242.00	-102.49 to -112.49	237.5	242.50	131.96	NA	131.54	NM	NM	NM	NM	NM	NM	NM	NM	NM
EW-9D	194596.601	2154263.993	2.5	244.00 to 254.00	-108.6 to -118.6	249.8	254.50	138.07	NA	137.53	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-8D	192831.355	2154126.481	4	185 to 190	-26.1 to -31.1	187	190.00		160.39	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-8B	193723.370	2154266.420	4	155 to 160	-22.2 to -27.2	157	160.00		134.24	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-8C	193723.373	2154266.424	4	245 to 250	-110.7 to -115.7	247	250.00	136.26	135.72	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-10B	193334.063	2155374.785	4	173 to 178	-13 to -18	175	178.00	162.24	161.12	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-10C	193355.184	2155308.330	4	273 to 278	-113.1 to -118.1	275	278.00	161.16	160.27	NA	18-Feb-02	101.85	58.42	NM	NM	NM	NM	NM	NM
MW-10D	193341.537	2155310.126	4	309 to 314	-149.2 to -154.2	311	314.00	161.85	161.17	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM
BP-3A	190227.267	2155064.492		54 to 74	51 to 71	70			124.54	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM
BP-3B	190244.367	2155068.492		215 to 235	-91 to -111	224	234.00		123.57	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM
BP-3C	190276.367	2155078.492		280 to 300	-156 to -176	290			123.68	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM
LF-2	193617.347	2153592.477	6	110 to 115	3 to 8	112	115.00	NA	118.70	NA	18-Feb-02	57.75	60.95	NM	NM	NM	NM	NM	NM
PPW-1	194341.106	2154124.530	12/10	300 to 330	-166.15 to -196.15	320	330	NA	136.74	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM
RW-01	194259.860	2154065.580		Abandoned			157 - 170		Abandoned		NM	NM	NM	NM	NM	NM	NM	NM	NM
WT-1	194312.475	2154959.015	4	95.4 to 105.4	56.98 to 66.98	100	105.40	164.77	164.57	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM
Extraction Wells																			
EX-1	193746.762	2154315.864	10	75 to110, 125 to 175			175	134.31	NA	NA	Feb-02	77.94	56.37	NM	NM	NM	NM	NM	NM
EX-2	193853.944	2154407.806	10	95 -120, 135 -190			190	146.25	NA	NA	Feb-02	88.27	57.98	NM	NM	NM	NM	NM	NM
EX-3	193997.321	2154530.799	10	94 -194			194	160.69	NA	NA	Feb-02	102.80	57.81	NM	NM	NM	NM	NM	NM
Injection Wells																			
IW-1	194419.137	2155036.895	8	133 to 248	29.92 to -85.08	NA	248	164.98	NA	NA	NM	NM	NM	4-Apr-02	16.40	148.48	15-May-02	4.90	159.98
IW-2	194434.129	2155148.931	8	100 to 250	63.64 to -86.36	NA	250	165.61	NA	NA	NM	NM	NM	4-Apr-02	19.20	146.41	15-May-02	10.40	155.21
IW-3	194436.720	2155249.932	8	102 to 252	62.25 to -87.75	NA	252	166.26	NA	NA	NM	NM	NM	4-Apr-02	3.50	162.76	15-May-02	24.10	142.16
IW-4	194315.519	2155244.734	8	100 to 250	63.84 to -86.16	NA	250	166.09	NA	NA	NM	NM	NM	4-Apr-02	18.10	147.99	15-May-02	16.10	149.99

Notes:

a) Reference elevation for EX wells is metal cap; for all other wells reference is top of PVC casing

b) Reference elevation for EX wells is metal cap; for EW wells with installed dedicated pumps, SW and DW wells, reference is top of pump cap; for EW wells without pump installed, ref elevation is top of PVC casing; for PPW-1 reference is top of vault cover prior to January 2005, top of PVC from January 2005 to present; for all other wells reference is top of PVC casing.

c)

d) Pump not installed

e) Unable to measure depth to water due to low conductivity

f) Depth to water was measured from top of pump cap; elevation to top of pump cap not available

g) Measured while pump was off

h) Reference elevation data not available

i) No access to well

Key:

ft bgs - feet below ground surface

ft AMSL - feet above mean sea level

Ref El - reference elevation

NM - not measured

NA - not applicable

Table A-3

Groundwater Elevation and Well Construction Data
Claremont Polychemical Superfund Site
Old Bethpage, NY

	August 2002			October 2002			November 2002			January 2003			April 2003			July 2003		
Well ID	Sample Date	Depth to Water Below Ref El[b] (ft)	Water Elevation (ft AMSL)	Sample Date	Depth to Water Below Ref El[b] (ft)	Water Elevation (ft AMSL)	Sample Date	Depth to Water Below Ref El[b] (ft)	Water Elevation (ft AMSL)	Sample Date	Depth to Water Below Ref El[b] (ft)	Water Elevation (ft AMSL)	Sample Date	Depth to Water Below Ref El[b] (ft)	Water Elevation (ft AMSL)	Sample Date	Depth to Water Below Ref El[b] (ft)	Water Elevation (ft AMSL)
SW-1		dry			dry			dry			dry			dry			dry	
DW-1	5-Aug-02	73.12	58.26	22-Oct-02	73.78	57.60	22-Nov-02	73.60	57.78	21-Jan-03	72.33	59.05	17-Apr-03	70.76	60.62	28-Jul-03	69.00	62.38
SW-2		dry			dry			dry			dry			dry			dry	
DW-2	5-Aug-02	79.50	56.92	22-Oct-02	80.11	56.31	22-Nov-02	79.59	56.83	21-Jan-03	78.59	57.84	15-Apr-03	76.76	59.66	28-Jul-03	75.26	61.16
EW-1A	6-Aug-02	72.00	58.00		dry		21-Nov-02	76.62	53.38	21-Jan-03	71.28	59.72	16-Apr-03	69.68	60.32	28-Jul-03	68.94	61.06
EW-1B	6-Aug-02	73.13	57.40	21-Oct-02	73.99	56.54	21-Nov-02	73.10	57.43	21-Jan-03	71.78	58.75	16-Apr-03	70.15	60.38	28-Jul-03	68.45	62.08
EW-1C	6-Aug-02	72.52	57.92	21-Oct-02	73.07	57.37	21-Nov-02	72.80	57.64	21-Jan-03	71.55	58.89	16-Apr-03	69.80	60.64	28-Jul-03	68.50	61.94
EW-2A	7-Aug-02	101.17	56.19		dry		21-Nov-02	100.20	57.16	21-Jan-03	99.30	58.06		dry			dry	
EW-2B	7-Aug-02	100.42	57.31	23-Oct-02	100.80	56.93	21-Nov-02	100.35	57.38	21-Jan-03	99.38	58.35	15-Apr-03	97.65	59.88	28-Jul-03	96.12	61.61
EW-2C	7-Aug-02	100.25	57.41	23-Oct-02	100.74	56.92	21-Nov-02	100.30	57.36	21-Jan-03	99.21	58.45	15-Apr-03	97.60	60.06	28-Jul-03	95.90	61.76
EW-3A	NM	NM	NM		dry		22-Nov-02	103.90	55.02	NM	NM	NM		dry			dry	
EW-3B	NM	NM	NM	24-Oct-02	104.09	/f	22-Nov-02	103.96	/f	NM	NM	NM	15-Apr-03	101.49	/f	28-Jul-03	98.80	/f
EW-3C	NM	NM	NM	24-Oct-02	104.02	/f	22-Nov-02	103.85	/f	NM	NM	NM	15-Apr-03	101.15	/f	28-Jul-03	98.69	/f
EW-4A	6-Aug-02	103.49	59.29	23-Oct-02	104.12	57.66	21-Nov-02	103.66	58.12	21-Jan-03	102.69	59.09	16-Apr-03	100.92	60.86	28-Jul-03	99.25	62.53
EW-4B	6-Aug-02	103.55	59.25	23-Oct-02	104.07	57.73	21-Nov-02	103.70	58.10	21-Jan-03	102.70	59.10	16-Apr-03	100.00	61.80	28-Jul-03	99.29	62.51
EW-4C	6-Aug-02	103.48	59.06	23-Oct-02	103.92	57.62	21-Nov-02	103.43	58.11	21-Jan-03	102.43	59.11	16-Apr-03	100.65	60.89	28-Jul-03	98.95	62.59
EW-5	5-Aug-02	78.75	56.23	22-Oct-02	79.18	57.82	22-Nov-02	78.64	58.34	21-Jan-03	78.36	58.60	15-Apr-03	76.26	60.72	28-Jul-03	74.23	62.75
EW-6A	NM	NM	NM		dry			dry		NM	NM	NM	16-Apr-03	67.56	62.66	NM	NM	NM
EW-6B		abandoned			abandoned			abandoned			abandoned			abandoned			abandoned	
EW-6C	NM	NM	NM	23-Oct-02	71' +/- 1'[a]	/e	22-Nov-02	/e	/e	NM	NM	NM	16-Apr-03	69.50	61.90	28-Jul-03	66.90	63.50
EW-7C	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
EW-7D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
EW-8D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
EW-9D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-6D	NM	NM	NM	24-Oct-02	104.20	56.19	NM	NM	NM	NM	NM	NM	16-Apr-03	101.12	59.27	31-Jul-03	99.59	60.80
MW-8B	NM	NM	NM	21-Oct-02	77.49	56.75	NM	NM	NM	NM	NM	NM	16-Apr-03	74.77	59.47	NM	NM	NM
MW-8C	NM	NM	NM	23-Oct-02	68.55	67.17	NM	NM	NM	NM	NM	NM	16-Apr-03	75.08	60.64	29-Jul-03	73.58	62.14
MW-10B	NM	NM	NM	24-Oct-02	105.02	56.10	NM	NM	NM	NM	NM	NM	15-Apr-03	102.06	59.04	31-Jul-03	100.82	60.30
MW-10C	NM	NM	NM	24-Oct-02	104.20	56.07	NM	NM	NM	NM	NM	NM	15-Apr-03	101.20	59.07	30-Jul-03	99.96	60.31
MW-10D	NM	NM	NM	24-Oct-02	95.00	66.17	NM	NM	NM	NM	NM	NM	15-Apr-03	102.03	59.14	30-Jul-03	100.98	60.19
BP-3A	NM	NM	NM	21-Oct-02	73.83	50.71	NM	NM	NM	NM	NM	NM	14-Apr-03	70.45	54.09	30-Jul-03	64.48	60.06
BP-3B	NM	NM	NM	25-Oct-02	72.94	50.63	NM	NM	NM	NM	NM	NM	14-Apr-03	69.81	53.76	29-Jul-03	67.29	56.28
BP-3C	NM	NM	NM	25-Oct-02	73.17	50.51	NM	NM	NM	NM	NM	NM	14-Apr-03	70.02	53.66	29-Jul-03	67.55	56.13
LF-2	NM	NM	NM	21-Oct-02	61.01	57.69	19-Nov-02	60.92	57.88	NM	NM	NM	15-Apr-03	57.94	60.76	28-Jul-03	56.19	62.52
PPW-1	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
RW-01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	17-Apr-03	73.80	/h	24-Jul-03	72.20	/h
WT-1	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	17-Apr-03	103.19	61.38	28-Jul-03	101.12	63.45
EX-1	NM	NM	NM	Oct-02	77.12	57.19	NM	NM	NM	Jan-03	76.04	58.27	Apr-03	75.28	59.03	28-Jul-03	73.48	60.83
EX-2	NM	NM	NM	Oct-02	88.64	57.61	NM	NM	NM	Jan-03	88.12	58.13	Apr-03	86.82	59.43	28-Jul-03	85.23	61.02
EX-3	NM	NM	NM	Oct-02	102.98	57.71	NM	NM	NM	Jan-03	102.12	58.57	Apr-03	101.34	58.35	28-Jul-03	99.25	61.44
IW-1	8-Aug-02	7.21	157.67	28-Oct-02	13.00	151.88	19-Nov-02	7.10	157.78	23-Jan-03	10.72	154.16	Apr-03[g]	81.99	72.89	28-Jul-03	25.00	139.88
IW-2	8-Aug-02	15.61	150.00	28-Oct-02	17.93	147.68	19-Nov-02	12.59	153.02	23-Jan-03	22.30	143.31	Apr-03[g]	101.30	64.31	28-Jul-03	23.30	142.31
IW-3	8-Aug-02	14.62	151.84	28-Oct-02	2.53	163.73	19-Nov-02	6.10	160.16	23-Jan-03	14.20	152.06	Apr-03[g]	102.40	63.98	28-Jul-03	88.30	77.96
IW-4	8-Aug-02	28.78	137.31	28-Oct-02	40.32	125.77	19-Nov-02	56.00	110.09	23-Jan-03	46.31	119.78	Apr-03[g]	103.30	62.79	28-Jul-03	54.25	111.84

Table A-3

Groundwater Elevation and Well Construction Data
Claremont Polychemical Superfund Site
Old Bethpage, NY

	October 2003			January 2004			April 2004			July 2004			October 2004			January 2005		
Well ID	Sample Date	Depth to Water Below Ref El[b] (ft)	Water Elevation (ft AMSL)	Sample Date	Depth to Water Below Ref El[b] (ft)	Water Elevation (ft AMSL)	Sample Date	Depth to Water Below Ref El[b] (ft)	Water Elevation (ft AMSL)	Sample Date	Depth to Water Below Ref El[b] (ft)	Water Elevation (ft AMSL)	Sample Date	Depth to Water Below Ref El[b] (ft)	Water Elevation (ft AMSL)	Sample Date	Depth to Water Below Ref El[b] (ft)	Water Elevation (ft AMSL)
SW-1		dry		19-Jan-04	68.40	63.09	19-Apr-04	68.20	63.29	19-Jul-04	68.32	63.17	18-Oct-04	68.36	63.13	20-Jan-05	67.72	63.77
DW-1	21-Oct-03	68.97	62.41	19-Jan-04	68.35	63.03	7-May-04	67.85	63.53	19-Jul-04	68.25	63.13	18-Oct-04	68.31	63.07	20-Jan-05	67.64	63.74
SW-2		dry			dry			dry			dry			dry			dry	
DW-2	22-Oct-03	76.49	59.93	19-Jan-04	73.60	62.82	7-May-04	73.30	63.12	19-Jul-04	74.51	61.91	18-Oct-04	73.80	62.62	20-Jan-05	74.50	61.92
EW-1A	22-Oct-03	67.99	62.01	19-Jan-04	67.25	62.75	19-Apr-04	67.10	62.90	19-Jul-04	67.11	62.89	18-Oct-04	67.25	62.75	20-Jan-05	66.50	63.50
EW-1B	22-Oct-03	69.31	61.22	19-Jan-04	67.80	62.73	19-Apr-04	67.53	63.00	19-Jul-04	67.67	62.86	18-Oct-04	67.79	62.74	20-Jan-05	67.10	63.43
EW-1C	22-Oct-03	68.11	62.33	19-Jan-04	67.70	62.74	19-Apr-04	67.13	63.31	19-Jul-04	67.66	62.78	18-Oct-04	67.65	62.79	20-Jan-05	66.89	63.55
EW-2A	23-Oct-03	95.93	61.43	19-Jan-04	95.28	62.08	19-Apr-04	95.05	62.31	19-Jul-04	95.20	62.16	18-Oct-04	95.21	62.15	20-Jan-05	94.60	62.76
EW-2B	21-Oct-03	96.15	61.58	19-Jan-04	95.50	62.23	19-Apr-04	95.20	62.53	19-Jul-04	95.52	62.21	18-Oct-04	95.57	62.16	20-Jan-05	94.74	62.99
EW-2C	21-Oct-03	95.92	61.74	19-Jan-04	95.30	62.36	19-Apr-04	93.00	64.66	19-Jul-04	95.62	62.04	18-Oct-04	95.62	62.04	20-Jan-05	94.52	63.14
EW-3A		dry		20-Jan-04	98.98	59.94	11-May-04	98.51	60.41	19-Jul-04	98.50	//	18-Oct-04	98.35	//	20-Jan-05	97.50	//
EW-3B	21-Oct-03	99.33	//	20-Jan-04	99.22	//	19-Apr-04	98.90	//	19-Jul-04	98.70	//	18-Oct-04	99.48	//	20-Jan-05	97.51	//
EW-3C	21-Oct-03	98.96	//	19-Jan-04	99.10	//	19-Apr-04	96.80	//	19-Jul-04	98.66	//	18-Oct-04	98.35	//	20-Jan-05	97.40	//
EW-4A	20-Oct-03	99.45	62.33	19-Jan-04	98.63	63.15	19-Apr-04	98.50	63.28	19-Jul-04	98.63	63.15	18-Oct-04	98.62	63.16	20-Jan-05	97.90	63.88
EW-4B	20-Oct-03	99.45	62.35	19-Jan-04	98.63	63.17	19-Apr-04	98.52	63.28	19-Jul-04	98.67	63.13	18-Oct-04	98.64	63.16	20-Jan-05	97.93	63.87
EW-4C	20-Oct-03	99.24	62.30	19-Jan-04	98.38	63.16	7-May-04	98.06	63.46	19-Jul-04	98.38	63.16	18-Oct-04	98.41	63.13	20-Jan-05	97.70	63.84
EW-5	22-Oct-03	82.70	64.28	19-Jan-04	74.56	62.42	19-Apr-04	73.70	63.28	19-Jul-04	73.90	63.08	18-Oct-04	74.70	62.28	20-Jan-05	73.89	63.09
EW-6A		dry		22-Jan-04	65.49	64.83	22-Apr-04	66.24	64.08	19-Jul-04	65.45	64.87	18-Oct-04	65.37	64.95	20-Jan-05	65.00	65.32
EW-6B		abandoned			abandoned			abandoned			abandoned			abandoned			abandoned	
EW-6C	23-Oct-03	85.64	64.76	19-Jan-04	86.66	63.74	22-Apr-04	86.68	63.72	19-Jul-04	86.13	64.27	18-Oct-04	85.95	64.45	20-Jan-05	85.20	65.20
EW-7C	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	20-Jan-05	86.61	65.18
EW-7D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	20-Jan-05	86.60	65.11
EW-8D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	20-Jan-05	85.56	64.98
EW-9D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	20-Jan-05	72.45	65.08
MW-6D	22-Oct-03	99.39	61.00	26-Jan-04	99.31	61.08	19-Apr-04	98.73	61.66	19-Jul-04	98.70	61.69	18-Oct-04	98.66	61.73	20-Jan-05	97.60	62.79
MW-8B	22-Oct-03	72.88	61.36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-8C	22-Oct-03	73.55	62.17	22-Jan-04	73.10	62.62	19-Apr-04	72.85	62.87	19-Jul-04	73.19	62.53	18-Oct-04	73.19	62.53	20-Jan-05	72.17	63.55
MW-10B	22-Oct-03	101.38	59.74	23-Jan-04	99.95	61.17	20-Apr-04	100.08	61.04	20-Jul-04	100.02	61.10	19-Oct-04	99.73	61.39	20-Jan-05	98.40	62.72
MW-10C	21-Oct-03	99.28	60.99	22-Jan-04	99.12	61.15	20-Apr-04	98.91	61.36	21-Jul-04	99.02	61.25	20-Oct-04	98.55	61.72	20-Jan-05	97.70	62.57
MW-10D	21-Oct-03	99.34	61.83	23-Jan-04	100.07	61.10	20-Apr-04	99.65	61.52	21-Jul-04	100.11	61.06	20-Oct-04	99.33	61.84	20-Jan-05	98.68	62.49
BP-3A	NM	NM	NM	NM	NM	NM	21-Apr-04	87.32	57.22	21-Jul-04	85.87	58.67	21-Oct-04	85.48	59.06	20-Jan-06	NM[f]	NM
BP-3B	20-Oct-03	88.27	55.30	NM	NM	NM	21-Apr-04	87.77	55.80	21-Jul-04	87.97	55.80	21-Oct-04	88.87	56.70	20-Jan-06	NM[f]	NM
BP-3C	20-Oct-03	88.52	55.16	NM	NM	NM	21-Apr-04	87.97	55.71	21-Jul-04	87.71	55.97	21-Oct-04	87.09	56.59	20-Jan-06	NM[f]	NM
LF-2	23-Oct-03	56.12	62.58	22-Jan-04	55.60	63.10	19-Apr-04	56.25	63.45	19-Jul-04	55.55	63.15	18-Oct-04	55.59	63.11	20-Jan-05	54.89	64.01
PPW-1	23-Oct-03	71.15	62.70	21-Jan-04	69.57	64.28	21-Apr-04	70.33	63.52	20-Jul-04	70.77	63.08	20-Oct-04	70.30	63.55	20-Jan-05	72.32	64.42
RW-01		abandoned			abandoned			abandoned			abandoned			abandoned			abandoned	
WT-1	22-Oct-03	100.45	64.12	21-Jan-04	100.89	63.58	20-Apr-04	100.68	63.89	20-Jul-04	100.68	63.89	20-Oct-04	100.37	64.20	20-Jan-05	99.65	64.92
EX-1	7-Oct-03	73.30	61.01	NM	NM	NM	28-Apr-04	79.79	54.53	28-Jul-04	80.15	54.16	26-Oct-04[g]	74.30	60.01	18-Jan-05	79.05	55.26
EX-2	7-Oct-03	85.12	61.13	NM	NM	NM	28-Apr-04	91.46	54.79	28-Jul-04	89.11	47.14	26-Oct-04	90.37	55.88	18-Jan-05	90.23	56.02
EX-3	7-Oct-03	99.01	61.66	NM	NM	NM	28-Apr-04	105.25	55.44	28-Jul-04	105.85	54.74	26-Oct-04	106.01	54.68	18-Jan-05	106.00	54.69
IW-1	16-Oct-03	2.44	162.44	16-Jan-04	11.30	153.58	19-Apr-04	5.65	159.23	23-Jul-04	100.50	64.38	16-Oct-04	103	61.88	20-Jan-05	132	32.88
IW-2	16-Oct-03	5.75	159.86	16-Jan-04	23.97	141.64	19-Apr-04	12.32	153.29	23-Jul-04	40.10	125.51	16-Oct-04	150	15.61	20-Jan-05	155	10.61
IW-3	16-Oct-03	0.00	166.26	16-Jan-04	30.00	136.26	19-Apr-04	2.53	163.73	23-Jul-04	100.10	66.16	16-Oct-04	148	18.26	20-Jan-05	156	10.26
IW-4	16-Oct-03	29.70	136.39	16-Jan-04	61.62	104.47	19-Apr-04	21.90	144.19	23-Jul-04	81.20	84.89	16-Oct-04	124	42.09	20-Jan-05	140	26.09

Table A-3

Groundwater Elevation and Well Construction Data
Claremont Polychemical Superfund Site
Old Bethpage, NY

	April 2005			June 2005			July 2005		
Well ID	Sample Date	Depth to Water Below Ref El[b] (ft)	Water Elevation (ft AMSL)	Sample Date	Depth to Water Below Ref El[b] (ft)	Water Elevation (ft AMSL)	Sample Date	Depth to Water Below Ref El[b] (ft)	Water Elevation (ft AMSL)
SW-1	6-Apr-05	67.30	64.19	NM	NM	NM	15-Jul-05	66.60	64.89
DW-1	6-Apr-05	67.23	64.15	9-Jun-05	66.21	65.17	15-Jul-05	66.52	64.86
SW-2		dry			dry			dry	
DW-2	6-Apr-05	73.72	62.70	9-Jun-05	66.31	70.11	15-Jul-05	72.80	63.62
EW-1A	6-Apr-05	66.13	63.87	9-Jun-05	65.20	64.80	15-Jul-05	65.40	64.60
EW-1B	6-Apr-05	66.65	63.88	9-Jun-05	65.67	64.86	15-Jul-05	65.89	64.64
EW-1C	6-Apr-05	66.50	63.94	9-Jun-05	65.74	64.70	15-Jul-05	65.91	64.53
EW-2A	6-Apr-05	94.54	62.82	9-Jun-05	93.30	64.06	15-Jul-05	93.55	63.81
EW-2B	6-Apr-05	94.60	63.13	9-Jun-05	93.50	64.23	15-Jul-05	93.79	63.94
EW-2C	6-Apr-05	94.77	62.89	9-Jun-05	93.45	64.21	15-Jul-05	93.91	63.75
EW-3A	6-Apr-05	97.58	//	9-Jun-05	96.50	//	15-Jul-05	96.74	//
EW-3B	6-Apr-05	97.61	//	9-Jun-05	96.56	//	15-Jul-05	96.98	//
EW-3C	6-Apr-05	97.50	//	9-Jun-05	96.60	//	15-Jul-05	96.89	//
EW-4A	6-Apr-05	97.62	64.16	9-Jun-05	96.67	65.11	15-Jul-05	96.97	64.81
EW-4B	6-Apr-05	97.68	64.12	9-Jun-05	96.71	65.09	15-Jul-05	97.00	64.80
EW-4C	6-Apr-05	97.43	64.11	9-Jun-05	96.51	65.03	15-Jul-05	96.78	64.76
EW-5	6-Apr-05	73.40	63.58	9-Jun-05	72.66	64.32	15-Jul-05	72.20	64.78
EW-6A	6-Apr-05	64.40	65.92	9-Jun-05	63.33	66.99	15-Jul-05	63.80	66.52
EW-6B		abandoned			abandoned			abandoned	
EW-6C	6-Apr-05	64.82	65.58	9-Jun-05	63.80	66.60	15-Jul-05	64.20	66.20
EW-7C	6-Apr-05	88.38	65.43	9-Jun-05	87.68	66.11	15-Jul-05	88.10	65.69
EW-7D	6-Apr-05	88.35	65.36	9-Jun-05	87.70	66.01	15-Jul-05	88.10	65.61
EW-8D	6-Apr-05	66.26	65.28	9-Jun-05	65.59	65.95	15-Jul-05	66.05	65.49
EW-9D	6-Apr-05	72.24	65.29	9-Jun-05	71.57	65.96	15-Jul-05	71.94	65.59
MW-6D	12-Apr-05	97.90	62.49	9-Jun-05	96.67	63.72	15-Jul-05	96.93	63.46
MW-8B	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-8C	11-Apr-05	71.89	63.83	9-Jun-05	71.20	64.52	15-Jul-05	71.56	64.16
MW-10B	12-Apr-05	97.85	63.27	9-Jun-05	97.65	63.47	15-Jul-05	97.98	63.13
MW-10C	14-Apr-05	97.12	63.15	9-Jun-05	96.84	63.43	15-Jul-05	97.23	63.04
MW-10D	14-Apr-05	98.30	62.87	9-Jun-05	97.98	63.19	15-Jul-05	97.30	63.87
BP-3A	14-Apr-05	64.80	58.97	NM	NM	NM	21-Jul-05	63.09	60.48
BP-3B	14-Apr-05	65.92	57.65	NM	NM	NM	21-Jul-05	66.04	57.53
BP-3C	14-Apr-05	66.12	57.56	NM	NM	NM	21-Jul-05	66.29	57.39
LF-2	6-Apr-05	54.29	64.41	10-Jun-05	53.55	65.15	15-Jul-05	53.81	64.89
PPW-1	6-Apr-05	71.90	64.84	9-Jun-05	71.5	65.24	15-Jul-05	71.87	64.87
RW-01		abandoned			abandoned			abandoned	
WT-1	6-Apr-05	99.58	64.99	9-Jun-05	98.61	65.96	15-Jul-05	99.08	65.51
EX-1	6-Apr-05	79.79	54.52	9-Jun-05	78.65	55.66	13-Jul-05	79.31	55.00
EX-2	6-Apr-05	89.85	56.40	9-Jun-05	89.07	57.18	21-Jul-05	89.81	56.64
EX-3	6-Apr-05	97.50	63.19	9-Jun-05	104.68	56.01	15-Jul-05	105.15	55.54
IW-1	6-Apr-05	135	29.98	9-Jun-05	132.00	32.88	15-Jul-05	130	34.88
IW-2	6-Apr-05	147	18.61	9-Jun-05	154.00	11.61	15-Jul-05	155	10.61
IW-3	6-Apr-05	153	13.26	9-Jun-05	153.00	13.26	15-Jul-05	154	12.26
IW-4	6-Apr-05	150	16.09	9-Jun-05	147.00	19.09	15-Jul-05	149	17.09