ECF-200UP1-16-0071
Revision 0

Initial Groundwater Plume Development at Year of Remedy Initiation for S-SX Area Technetium-99 (2011), U Plant Area Uranium (2014), U Plant Area Technetium-99 (2014), Nitrate (2014), and Tritium (2014) to Support Fate and Transport Modeling for Remedial Evaluation in the 200-UP-1 Groundwater Operable Unit

Prepared for the U.S. Department of Energy
Assistant Secretary for Environmental Management

Contractor for the U.S. Department of Energy
under Contract DE-AC06-08RL14788

P.O. Box 1600
Richland, Washington 99352

Approved for Public Release;
Further Dissemination Unlimited

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Environmental Calculation File

Initial Groundwater Plume Development at Year of Remedy Initiation for S-SX Area Technetium-99 (2011), U Plant Area Uranium (2014), U Plant Area Technetium-99 (2014), Nitrate (2014), and Tritium (2014) to Support Fate and Transport Modeling for Remedial Evaluation in the 200-UP-1 Groundwater Operable Unit

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Terms

2D	Two-dimensional
3D	Three-dimensional
COI	Contaminant of Interest
ECF	Environmental Calculation File
HEIS	Hanford Environmental Information System
OU	Operable Unit

1 Purpose

The purpose of this environmental calculation file (ECF) is to document and present the methodology, input data, and results of the interpolation of three-dimensional (3D) groundwater plumes for the following contaminants of interest (COI) in the 200-UP-1 operable unit (OU): nitrate, technetium-99, tritium, and uranium. These plumes were then mapped onto the Central Plateau groundwater model for further analysis (see ECF-200UP1-16-0072, *Fate and Transport Modeling for Remedial Evaluation in the 200-UP-1 Groundwater Operable Unit Using the Central Plateau Groundwater Model*). The interpolation of the three-dimensional plumes was carried out in Leapfrog Geo®[1], a geologic modeling platform.

The data used to interpolate these plumes came from several sources: 2015 two-dimensional (2D) plume grids from ECF-Hanford-15-0003, *Calculation and Depiction of Groundwater Contamination for the Calendar Year 2014 (CY2014) Hanford Site Groundwater Monitoring Report*, 2011 2D plume grids from ECF-Hanford-12-0075, *Calculation and Depiction of Groundwater Contamination for the Calendar Year 2011 (CY2011) Hanford Site Groundwater Monitoring Report*, annual sampling at groundwater-monitoring wells, and depth-discrete data from the Hanford Environmental Information System (HEIS) database. The data used to interpolate the plumes, as well as the interpolation of the plumes themselves were reviewed by project scientists with site-specific knowledge.

2 Background

This ECF is similar in its approach and goals to ECF-200UP1-14-0019, *Initial Groundwater Plume Development (Uranium, Technetium-99, Nitrate, and Iodine-129) to Support Fate and Transport Modeling for Remedial Design in the 200-UP-1 Groundwater Operable Unit*, and ECF-200UP1-14-0047, *Initial Groundwater Plume Development (Chromium, Tritium) to support Fate and Transport Modeling for Remedial Design in the 200-UP1 Groundwater Operable Unit*. The modeling done in this ECF uses the same water table and geologic boundaries as those ECF's. This ECF uses the most recent 2D groundwater contamination plume data (ECF-Hanford-15-0003) in order to constrain the extent of the groundwater plumes of the COI's in the U Plant area. The groundwater plume for tritium in the S-SX area is also constructed using 2D groundwater contamination plume data, but the data for this plume are from 2011 (ECF-Hanford-12-0075). The groundwater plumes are further refined at depth using depth-discrete samples, as well as several annual average samples selected by project scientists. The samples represent data collected during the 2000–2014 period.

3 Methodology

3.1 Data Selection and Refinement

Data were selected to create a 3D plume interpolant in Leapfrog Geo. The interpolants were built based on a 2D plume defined at the surface of the water table (ECF-Hanford-15-0003 and ECF-Hanford-12-0075) and were refined using depth-discrete data as well as annual average data.

3.1.1 Plume Data Selection

3.1.1.1 Depth-Discrete and Screened Data

Depth-discrete data for the COI consist of samples taken at a known depth during the drilling of wells. Depth-discrete data for all plumes were selected by J. McDonald, extracted from the HEIS database,

[1] Leapfrog Geo is a registered trademark of ARANZ Geo Limited of Christchurch, New Zealand.

sorted by COI, and saved in the following spreadsheet: "200-UP-1_HEISCharacterizationData_1-1-2000_thru_4-28-2016.xlsx".

Annual average data, which is not depth-discrete, were used as well. These data are saved in the following spreadsheet: "SampleResults_W19-34A_W19-34B_38-70BC.xlsx".

3.1.1.2 Plume Grid Data

Surficial groundwater contamination plumes for uranium, tritium, technetium-99, and nitrate in the 200-UP-1 area were delineated in ECF-Hanford-15-0003. The 2011 2D plume data in the S-SX area were delineated in ECF-Hanford-12-0075. The plume data are already georeferenced, and are saved in the following folders:

Nitrate: "no3_2014_up1"

Technetium-99 (S-SX, 2011): "tc99_11"

Technetium-99 (U Plant, 2014): "tc99_2014_up1"

Tritium: "h3_2014_up1"

Uranium: "u2014up1"

3.1.2 Plume Data Refinement

3.1.2.1 Depth-Discrete Data

The depth-discrete data pulled from HEIS and saved in "200-UP-1_HEISCharacterizationData_1-1-2000_thru_4-28-2016.xlsx" required that data with a Review Qualifier of F, R, or Y be removed as per Rieger (2013), (See Table 1), as well as data with negative concentrations reported and data with no elevation tag. Negative radionuclide concentration values are due to a sample measurement that is less than the analytical background value at the time of analysis. The analytical instrument signal for the sample must be larger than the signal observed for the sample blank before the decision can be made that a radionuclide was detected (DOE/ID-22199, 2006). Thus, negative values are not necessarily non-detects and were omitted from the interpolation dataset. Uranium data for well 299-W19-113 was removed due to the reducing conditions caused by the cable tool drilling method utilized, impacting the integrity of the uranium samples (Personal communication, J. McDonald, 2016). The March 31st, 2016 samples for 299-W19-116 were removed as per direction from J. McDonald (personal communication, 2016). The January 21st, 2016 sample for 299-W19-116 was missing its sample depth in HEIS, and this was provided by J. McDonald (personal communication, 2016).

Table 1. Table of Review Qualifier Flags and Translation, Modified from Reiger (2003) [data with these review qualifier flags were excluded]

Code	Translation
F	The result is undergoing further review
R	Do not use. Further review indicates the result is not valid.
Y	Result suspect. Review – insufficient evidence to show result valid or invalid.

The land surface elevation data were retrieved from the Geocontacts database, though the elevation for 299-W15-228 was pulled from the Disc Z data in HEIS rather than the Geocontacts database. The

elevation (Z) of the samples was determined by subtracting the STD_SAMP_INTV_BOT value from the associated land surface elevation data.

Once the depth-discrete data were refined, they were saved as the following files in preparation for input into Leapfrog:

Nitrate: “NO3_JM_050216.csv”

Technetium-99 (S-SX, 2011): “TC_99_2011_050216.csv”

Technetium-99 (U Plant, 2014): “Tc99_JM_050216.csv”

Tritium: “H3_JM_050216.csv”

Uranium: “uranium_JM_050216.csv”

3.1.2.2 Annual Samples

The annual samples were taken in such a manner that they are not considered to be depth-discrete. The annual samples were assigned an approximate depth based on the dimensions of the well screen. The assigned depth was the halfway point from the top of the well screen to the bottom of the well screen. These calculations can be found in the “WellScreenInfo” tab of the “SampleResults_W19-34A_W19-34B_38-70BC.xlsx” spreadsheet. These data were also filtered using the same procedure outlined in Section 3.1.2.1, and then the data that were not filtered out were added to the appropriate csv files.

3.1.3 Meshes

Two meshes are used as the top and bottom boundaries of the plumes. The mesh used as the top boundary is the same 2013 average water table surface used in ECF-200UP1-14-0019. The mesh used as the bottom boundary is the top of the Ringold lower mud unit, or the bottom of layer 5 from the Central Plateau model, as used in ECF-200UP1-14-0047 and ECF-200UP1-14-0019. These files are saved as Lay5_Bot.asc and wtable_2013_exp.asc, respectively.

4 Assumptions and Inputs

Assumptions for the three-dimensional interpolations include:

1. The extent of the COI plume was assumed to be within the saturated portion of the unconfined units above the Ringold lower mud.
2. Changes in concentration in the depth-discrete data during the 2000–2014 period are minor enough to allow for the use of older data to characterize the plume.
3. When extracting plume concentration values for the flow and transport model grid, values were extracted from the plume grid for the top, middle, and bottom point within each model cell to represent variability in the vertical plane better. The maximum of these values was then assigned to the model grid cell. Note, that due to the XY resolution (100 m) of the model grid, it is possible that variability/heterogeneity in the horizontal plane is under-represented in the extracted values for the model grid.

Input data for all four COIs are provided in Appendices B, C, D, and E to this ECF.

5 Software Applications

Leapfrog Geo, Microsoft Excel®[2], and ArcGIS®[3] software programs were used for this calculation.

Leapfrog Geo is CH2M Hill Plateau Remediation Company (CHPRC) approved software, managed and used in compliance with the requirements of PRC-PRO-IRM-309, *Controlled Software Management*. Leapfrog Geo is managed under CHPRC-01753, *Leapfrog Hydro and Leapfrog Geo Software Management Plan*. Approval of the version for use is documented in CHPRC-0-1755, *Leapfrog-Hydro and Leapfrog-Geo Acceptance Test Report: Leapfrog-Hydro Version 2.3.2 and Leapfrog-Geo Version 3.0.0*.

Microsoft Excel and ArcGIS were used for this calculation as utility software.

5.1 Approved Software

Approved Utility Calculation Software (e.g., STOMP, RESRAD) shall comply with requirements of PRC-PRO-IRM-309, *Software Control Management*. Software used shall be registered on the Hanford Information System Inventory (HISI) and identified as approved for use. Each use of Approved Software shall be logged in HISI in accordance with PRC PRO IRM 309. For Approved Software, provide a section that includes the following information.

5.1.1 Description

- Software Title: Leapfrog Geo
- Software Version: 3.0.0
- HISI Identification Number: 3592
- Workstation type and property number: INTERA Lenovo Laptop #00771

5.1.2 Software Installation and Checkout

A copy of the *Software Installation and Checkout Form* for Leapfrog Geo is provided in Appendix A.

5.1.3 Statement of Valid Software Application

The preparers of this calculation attest that the software identified above, and used for the calculations described in this calculation, is appropriate for the application and used within the range of intended uses for which it was tested and accepted by CHPRC.

6 Calculation

6.1 Interpolation in Leapfrog Geo

6.1.1 Assemble the data into Leapfrog Geo

Now that the data have been collected and refined, they can be loaded into Leapfrog geo and used to make three-dimensional plume projections.

Load the 2013 water table as the topography:

1. Right-click on “Topographies” and select “New topography →Import Surface”

[2] Excel is a registered trademark of Microsoft Corporation in the United States and in other countries.

[3] ArcGIS is a registered trademark of ESRI in the United States and in other countries.

2. Navigate to the location of "wtable_2013_exp.asc" and select it. Leave the surface resolution as its default 100 meters and select "Import".

Load the base of the Ringold Lower Mud unit to serve as the bottom extent of the plumes:

1. Right-click on "Meshes" and select "Import elevation grid"
2. Navigate to the location of "Lay5_Bot.asc" and select it. Leave the surface resolution as its default 100 meters and select "Import".

Import the plume meshes:

1. Right-click on "GIS Data, Maps, and Photos" and select "Import 2D Grid"
2. Navigate to the plume mesh folder for the selected plume to import, as titled in 3.1.1.2. In that folder select the "dblbnd.adf" file.
3. Rename the file, tagging it with the contaminant name and year, and select "Import".
4. Repeat these steps for all five 2D plume meshes.

Import the depth-discrete plume data

1. Right-click on "Points" and select "Import Points"
2. Navigate to the folder holding the point data and select the desired csv point file.
3. Import the X, Y, and Z columns as East (X), North (Y), and Elev (Z); import the STD_VALUE_RPTD column as a numeric column; import the SAMP_DATE_TIME as a time stamp column; import everything else as a text column.
4. Repeat these steps for all five plume datasets.

Remove duplicate data from the depth-discrete dataset

1. The plume datasets have duplicate samples—samples taken at the same location. A point dataset which has duplicate samples will have a small red "X" on its icon, indicating an error. In order to correct this, right-click on the point dataset and select "Fix Errors".
2. A new window will open up. Open the "Errors→Duplicate points→[point dataset name]" to view the conflicting points.
3. In order to obtain a conservative estimate, keep the value with the greater contaminant concentration, and click "ignore" to ignore the duplicate data.
4. Save the changes and close the window once all the duplicates have been addressed. Ensure all the errors have been addressed by checking to see that the red "X" is no longer on the icon for the point sample dataset.

6.1.2 3D Plume Interpolation

Once all the data are loaded, an interpolant can be created from the contamination data.

1. Right click on the "Interpolants" folder and select "New Interpolant". Under "Values to Interpolate" in the "Numeric values:" drop-down menu, select the desired 2D plume grid to interpolate.

2. Select the appropriate boundary coordinates from Table 2. The maximum and minimum Z coordinates can be set at 200 and -100 meters, respectively. They will be defined by meshes later, so they just need to be large enough to encompass the meshes that will serve as the maximum and minimum elevation boundaries.

Table 2. Boundary Conditions for 3D Plume Projection

Nitrate			
X-minimum (m)	561000	Y-minimum (m)	132400.0
X-maximum (m)	579577	Y-maximum (m)	141894.0
Technetium-99 (2011)			
X-minimum (m)	565438.8	Y-minimum (m)	132541.6
X-maximum (m)	572157.7	Y-maximum (m)	138510.6
Technetium-99 (2014)			
X-minimum (m)	565438.8	Y-minimum (m)	132541.6
X-maximum (m)	572157.7	Y-maximum (m)	138510.6
Tritium			
X-minimum (m)	564800	Y-minimum (m)	132500
X-maximum (m)	574100	Y-maximum (m)	138578.1
Uranium			
X-minimum (m)	564071.5	Y-minimum (m)	133089.6
X-maximum (m)	572142.6	Y-maximum (m)	139651.2

3. Choose a surface resolution of 20 meters (unless the contaminant is nitrate, in which case, select a surface resolution of 80 due to slow run times) and select “OK”. This will run the model and create an initial interpolant. Before the interpolant is finalized, edits will need to be made to the boundary, the dataset, the trend, and the outputs.

4. Changes to the boundary:

    1. Right-click on the interpolant and select “Open”. Switch over to the boundaries tab. Under the bolded “Boundaries” heading, check the box for “Use Topography”. This sets the water table as the top boundary.

    2. Under the interpolant, right-click on the “Boundary” level and select “New Lateral Extent→From Surface” and select “Layer5_Bot”. This sets layer 5 as the bottom boundary.

        i. If an error warning comes up saying there’s an issue with the boundary, open up the Boundary layer under the interpolant layer in the project tree, and then right-click on either the topography layer or Lay5_Bot and select “Swap Inside” as sometimes the meshes will accidentally incorrectly have their top portions designated as bottom portions.

5. Changes to the dataset:

1. Under the interpolant, right-click on the "[Interpolant name] values" level and select "Add Values".
2. In the screen that comes up, select the "STD_VALUE_RPTD" option of the corresponding depth-discrete point values for the interpolant.

6. Changes to the trend and output:
    1. Right-click on the interpolant and select "Open". The changes to be made to the trend and output values can be seen in their corresponding table, found in tables 3 through 7.

Table 3. Interpolation Parameters used for Nitrate Plume Interpolation in Leapfrog Geo

Trend				
	Directions		**Ellipsoid Ratio**	
Dip	Degree	0	Maximum	2
Dip Azimuth	Degree	0	Intermediate	2
Pitch	Degree	0	Minimum	0.1
Interpolant				
Sill	Meters	1e10	Drift	None
Base Range	Meters	200	Alpha	3
Accuracy	Meters	300		
Value Transform		No		
Interpolant Type		Spheroidal		
Nugget		0		
Isosurface and Volumes				
Intervals	pCi/L	20000; 45000; 54000; 72000; 128000		
Isosurface and Volumes				
Resolution	Meter	80		

Table 4. Interpolation Parameters used for Technetium-99 Plume Interpolation in Leapfrog Geo (2011)

Trend				
	Directions		**Ellipsoid Ratio**	
Dip	Degree	0	Maximum	10
Dip Azimuth	Degree	0	Intermediate	10
Pitch	Degree	0	Minimum	1
Interpolant				
Sill	Meters	100	Drift	Constant
Base Range	Meters	200	Alpha	5
Accuracy	Meters	0.9000		
Value Transform		No		
Interpolant Type		Spheroidal		
Nugget		0		
Isosurface and Volumes				
Intervals	pCi/L	900; 9000		
Isosurface and Volumes				
Resolution	Meter	20		

Table 5. Interpolation Parameters used for Technetium-99 Plume Interpolation in Leapfrog Geo (2014)

Trend				
	Directions		**Ellipsoid Ratio**	
Dip	Degree	0	Maximum	1.25
Dip Azimuth	Degree	0	Intermediate	1.25
Pitch	Degree	0	Minimum	0.1
Interpolant				
Sill	Meters	6000000	Drift	None
Base Range	Meters	200	Alpha	3
Accuracy	Meters	10		
Value Transform		No		
Interpolant Type		Spheroidal		
Nugget		0		
Isosurface and Volumes				
Intervals	pCi/L	900; 3600; 6300; 9000		
Isosurface and Volumes				
Resolution	Meter	20		

Table 6. Interpolation Parameters used for Tritium Plume Interpolation in Leapfrog Geo

Trend				
	Directions		**Ellipsoid Ratio**	
Dip	Degree	0	Maximum	2
Dip Azimuth	Degree	0	Intermediate	1
Pitch	Degree	0	Minimum	0.1
Interpolant				
Sill	Meters	3999999999.9999995	Drift	None
Base Range	Meters	200	Alpha	3
Accuracy	Meters	100		
Value Transform		No		
Interpolant Type		Spheroidal		
Nugget		0		
Isosurface and Volumes				
Intervals	pCi/L	20000; 39000; 66000; 120000		
Isosurface and Volumes				
Resolution	Meter	20		

Table 7. Interpolation Parameters used for Uranium Plume Interpolation in Leapfrog Geo

Trend				
	Directions		**Ellipsoid Ratio**	
Dip	Degree	0	Maximum	3
Dip Azimuth	Degree	0	Intermediate	1
Pitch	Degree	0	Minimum	0.1
Interpolant				
Sill	Meters	10000	Drift	None
Base Range	Meters	200	Alpha	3
Accuracy	Meters	3		
Value Transform		No		
Interpolant Type		Spheroidal		
Nugget		0		
Isosurface and Volumes				
Intervals	pCi/L	1; 10; 30; 300		
Isosurface and Volumes				
Resolution	Meter	20		

6.2 Initial Conditions Evaluation for Use in Flow and Transport Modeling

In order to translate the 3D groundwater contamination distribution values into a form usable in flow and transport modeling, a .csv file representing node center locations for each grid cell in the Central Plateau Model (CP-47631, 2015) was imported into Leapfrog Geo. After importing the file, each initial condition

including nitrate (2014), tritium (2014), Tc-99 (2011 and 2014) and uranium (2014), was evaluated at each node center location. The evaluation process was carried out as follows:

1. Import the .csv file "CP_Grid.csv" into Leapfrog Geo by right clicking on the "Points" folder in the project tree in Leapfrog Geo, and then selecting "Import Points". When prompted, navigate to the location of "CP_Grid.csv" and select the file for import.
2. After "CP_Grid.csv" is imported, right click on it in the project tree and select "Evaluations". From the pop-up window select the desired interpolant for evaluation. The option exists for evaluating multiple interpolants simultaneously but for the purpose of simplification, only evaluate one plume at a time.
3. After evaluation is complete, right click on "CP_Grid.csv" in the project tree and select "Export". In the pop-up window select "Include Evaluations" and export. When saving the file upon export, be sure to name it according to the evaluated plume for data traceability (i.e. for 2014 Tc-99 evaluation save evaluated "CP_Grid.csv" as "CP_Grid_Tc99(2014).csv".
4. Repeat steps 1 through 3 for nitrate (2014), tritium (2014), Tc-99 (2011 and 2014) and uranium (2014).

7 Results/Conclusions

7.1 Plume Interpolations

The 3D plumes generated by the process described in this ECF can be seen in Figure 1- 15.

7.1.1 High Concentration Resolution Loss in CPGW Evaluation Due to Central Plateau Model Grid Spacing

Interpolated concentrations at CPGW nodes near wells 299-W19-36 and 299-W19-43 do not reflect high concentrations measured in those wells because of a loss of resolution in the plume configurations from the large grid spacing (100 meter) of the CPGW. This issue affected all initial conditions interpolations in the U-Plant area to include nitrate, uranium and Tc-99. To explain this phenomenon, Tc-99 will be used as an example. In Figure 16, the interpolated >9000 pCi/L Tc-99 plume in the grid cell near 299-W19-36 has a total volume of 2178.8 m^3 which is far less than that of the 100-meter grid cell volume of 1.0E6 m^3. Thus, the coarseness of the CPGW grid spacing does not allow for enough node centers to properly capture the high Tc-99 concentrations within the small plume volumes at U Plant. Thus, initial conditions for U Plant are not representative of actual conditions.

7.1.2 7.1.1 Tc-99 High Concentration Resolution Loss in CPGW Evaluation Due to adjacent Low Depth-Discrete Sample Values

The closest node to 299-W19-43 (Figure 16) has an evaluated value of 4197.9 pCi/L which is 1442.3 pCi/L less than the 2D plume grid value at that location (5640.2 pCi/L). This discrepancy is most likely due to the close proximity of low depth-discrete sample (B2XB94 collected 08/05/2014) values (Figure

16).

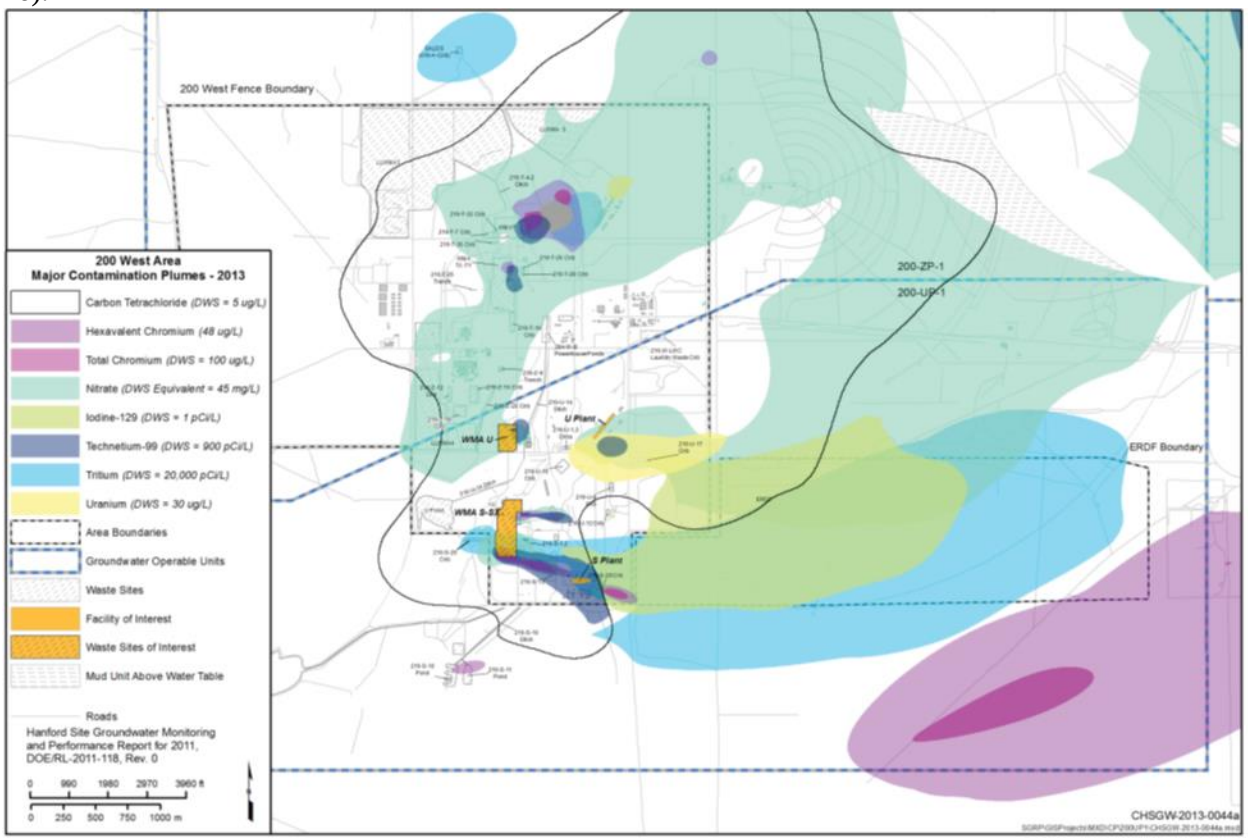

Figure 1. Location Map for 200-UP-1 and COC Plumes (DOE-RL-2015-14)

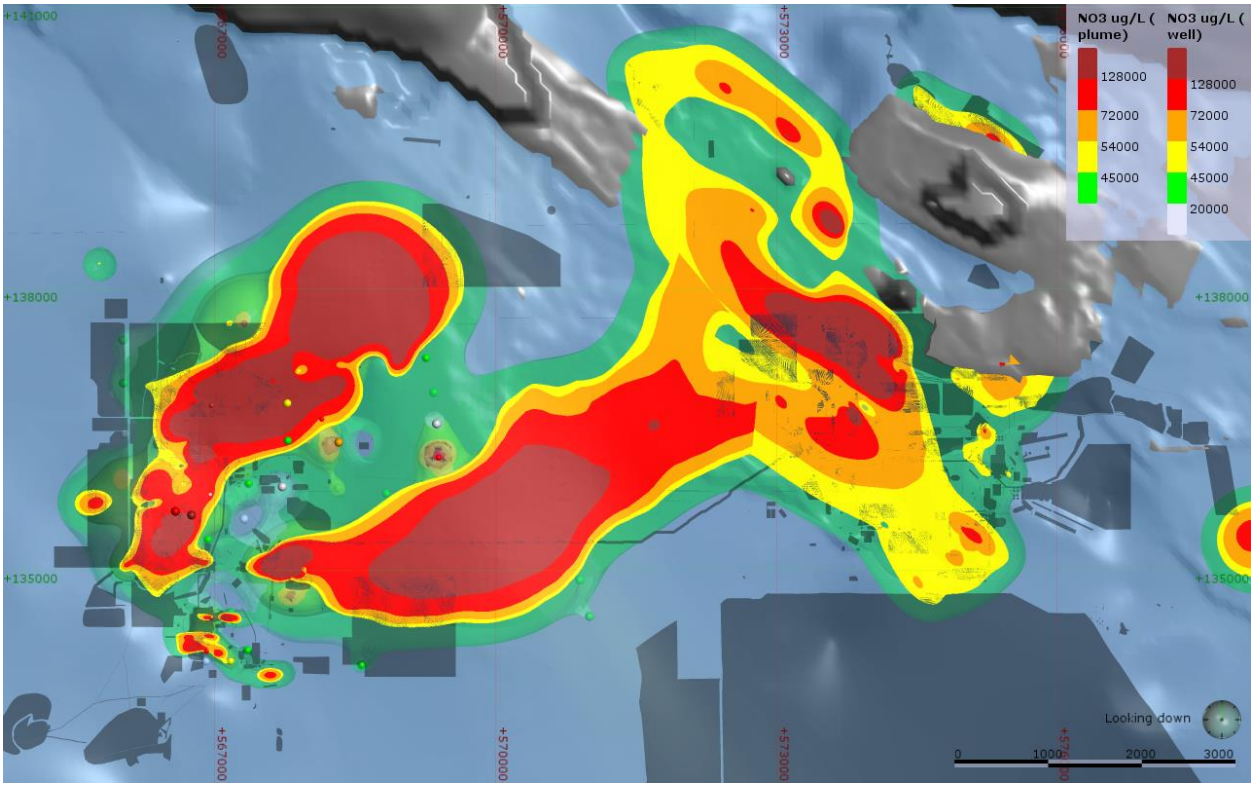

Figure 2. 3D Nitrate Plume Viewed Overhead with the 2D Plume and Well Data (colored spheres) Displayed

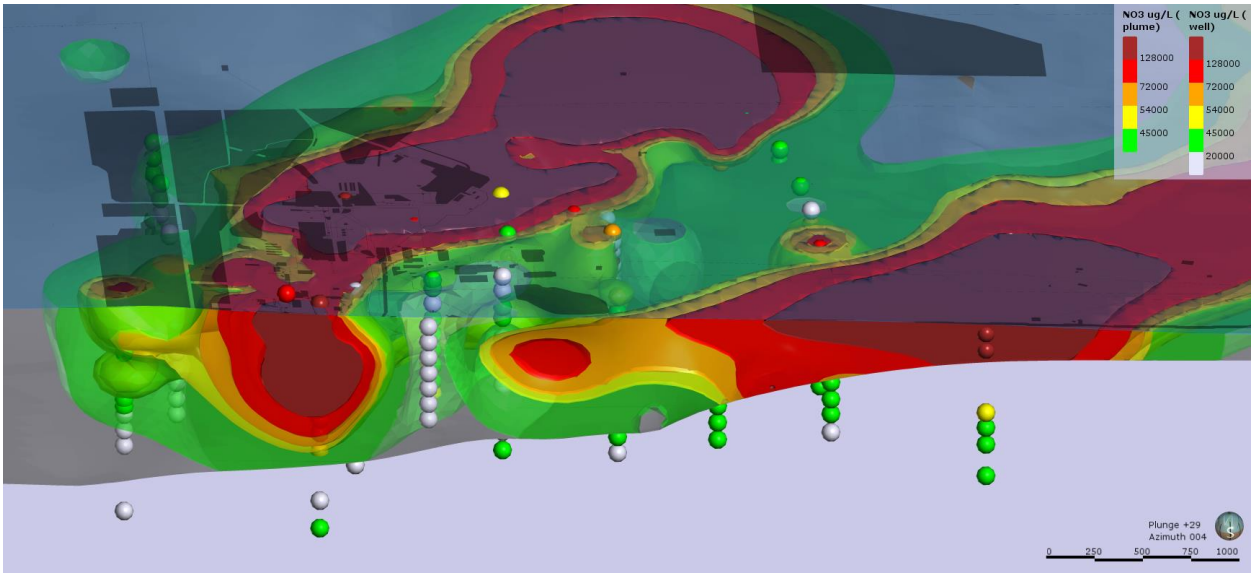

Figure 3. Cross-section of 3D Nitrate Plume, looking North, with 2D Plume Removed and Well Data (colored spheres) Displayed

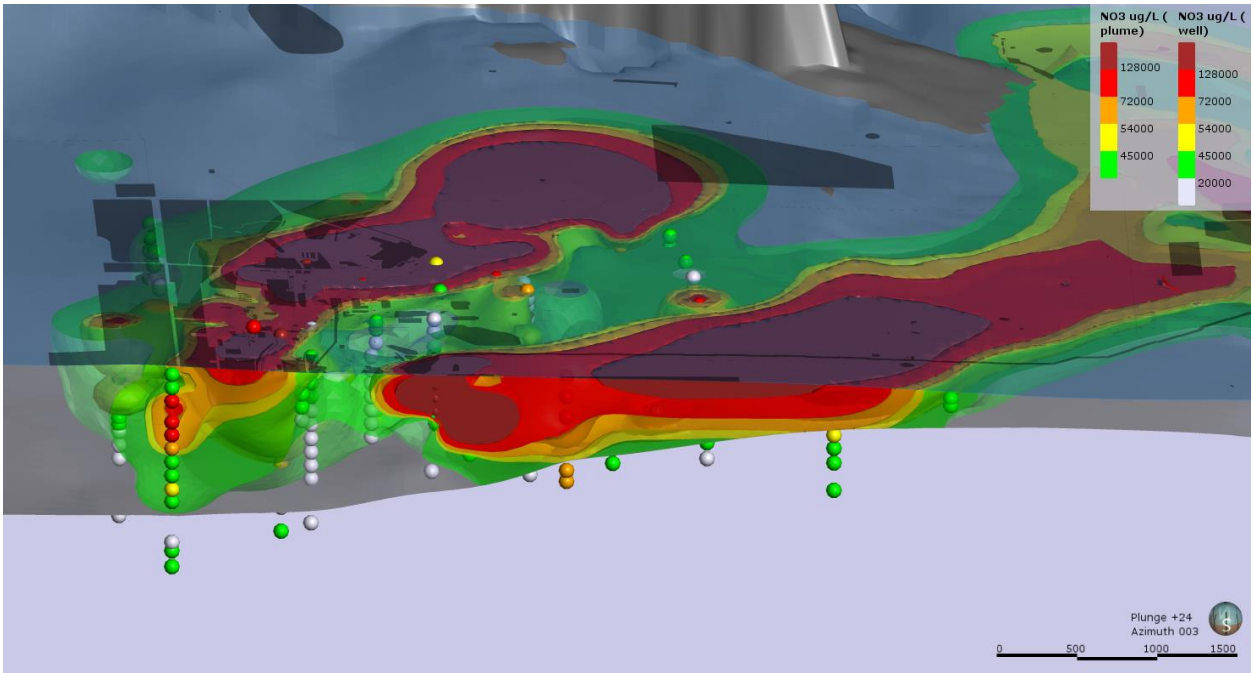

Figure 4. Cross-section of 3D Nitrate Plume, looking Northwest, with 2D Plume Removed and Well Data (colored spheres) Displayed

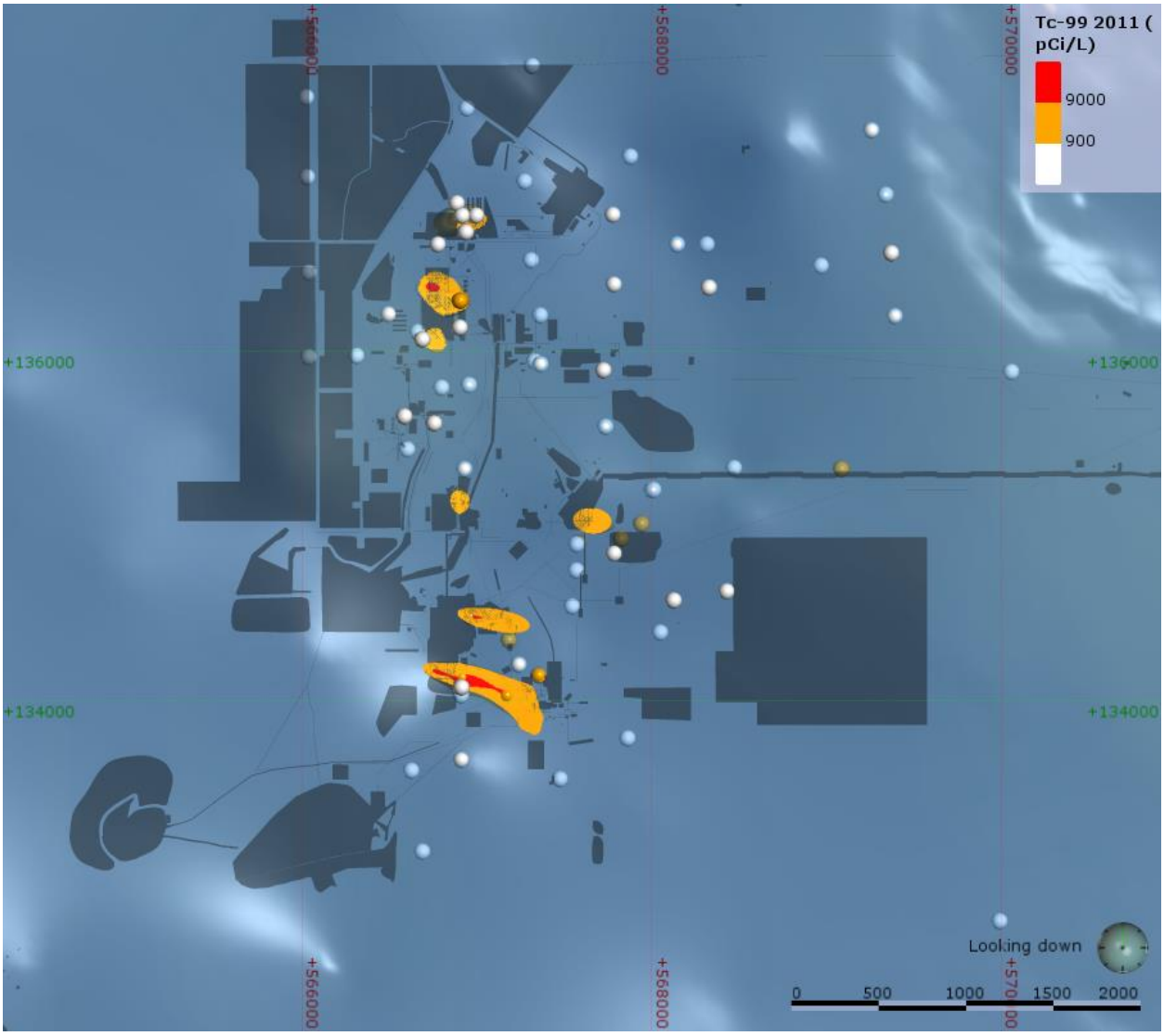

Figure 5. 3D Technetium-99 2011 S-SX Plume Viewed Overhead with the 2D Plume and Well Data (colored spheres) Displayed

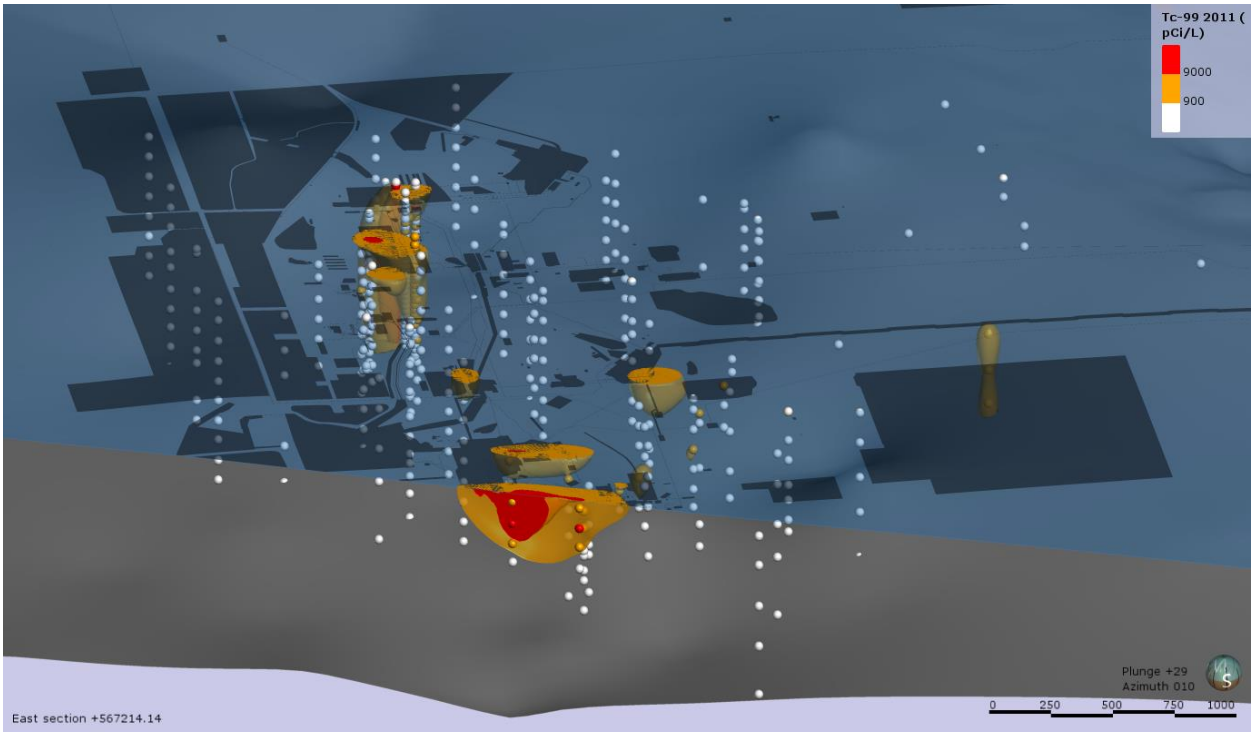

Figure 6. Cross-section of 3D 2011 S-SX Technetium-99 Plume, looking Northeast, with 2D Plume Visible and Well Data (colored spheres) Displayed

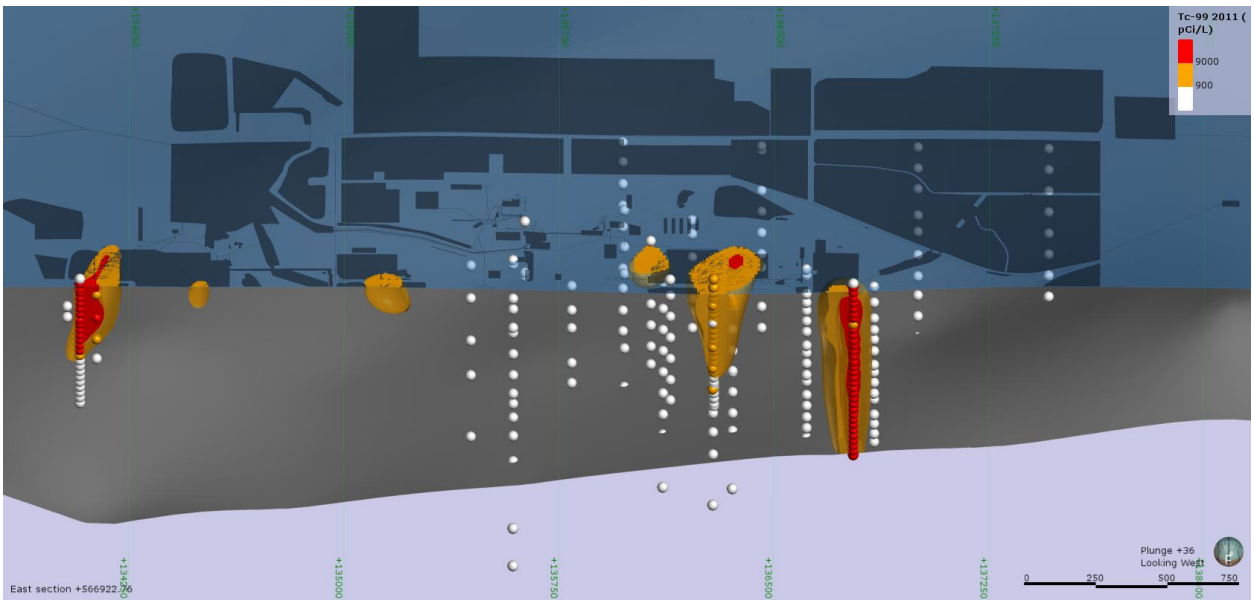

Figure 7. Cross-section of 3D 2011 S-SX Technetium-99 Plume, looking West, with 2D Plume Visible and Well Data (colored spheres) Displayed

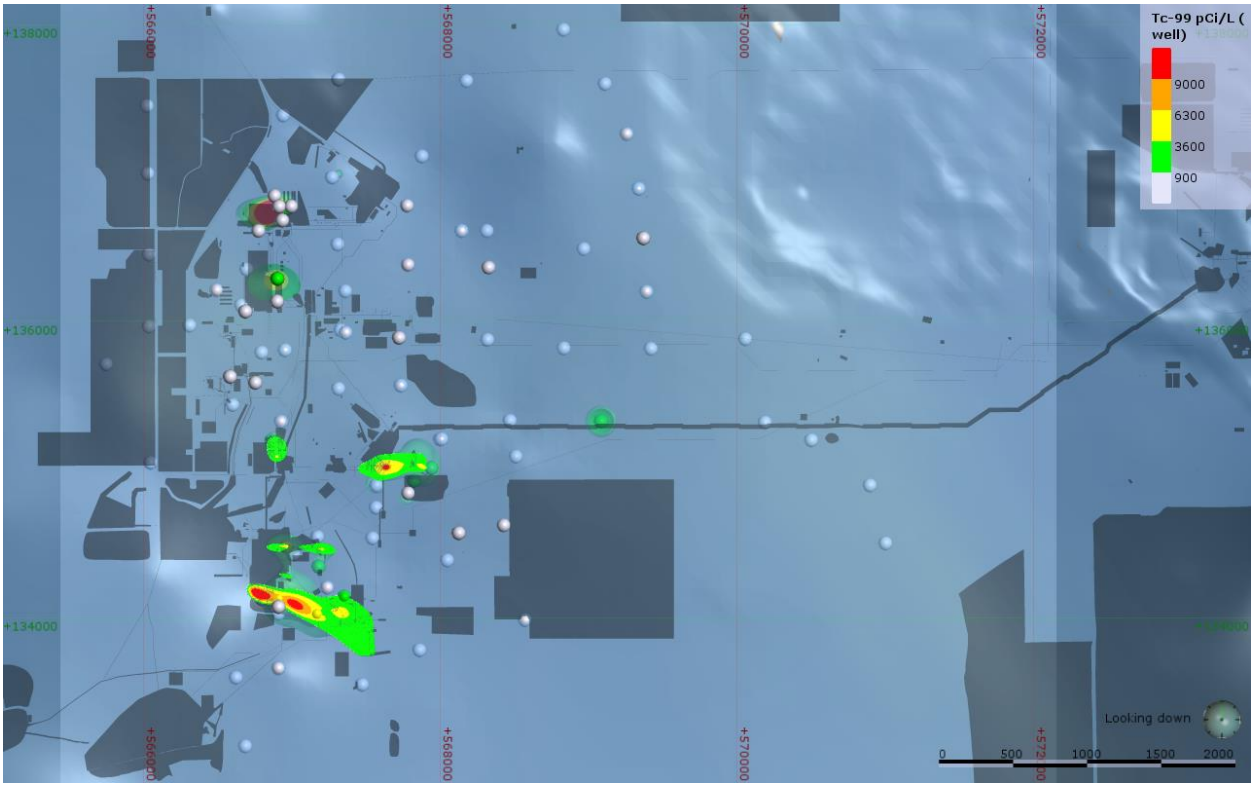

Figure 8. 3D Technetium-99 U Plant Plume Viewed Overhead with the 2D Plume and Well Data (colored spheres) Displayed

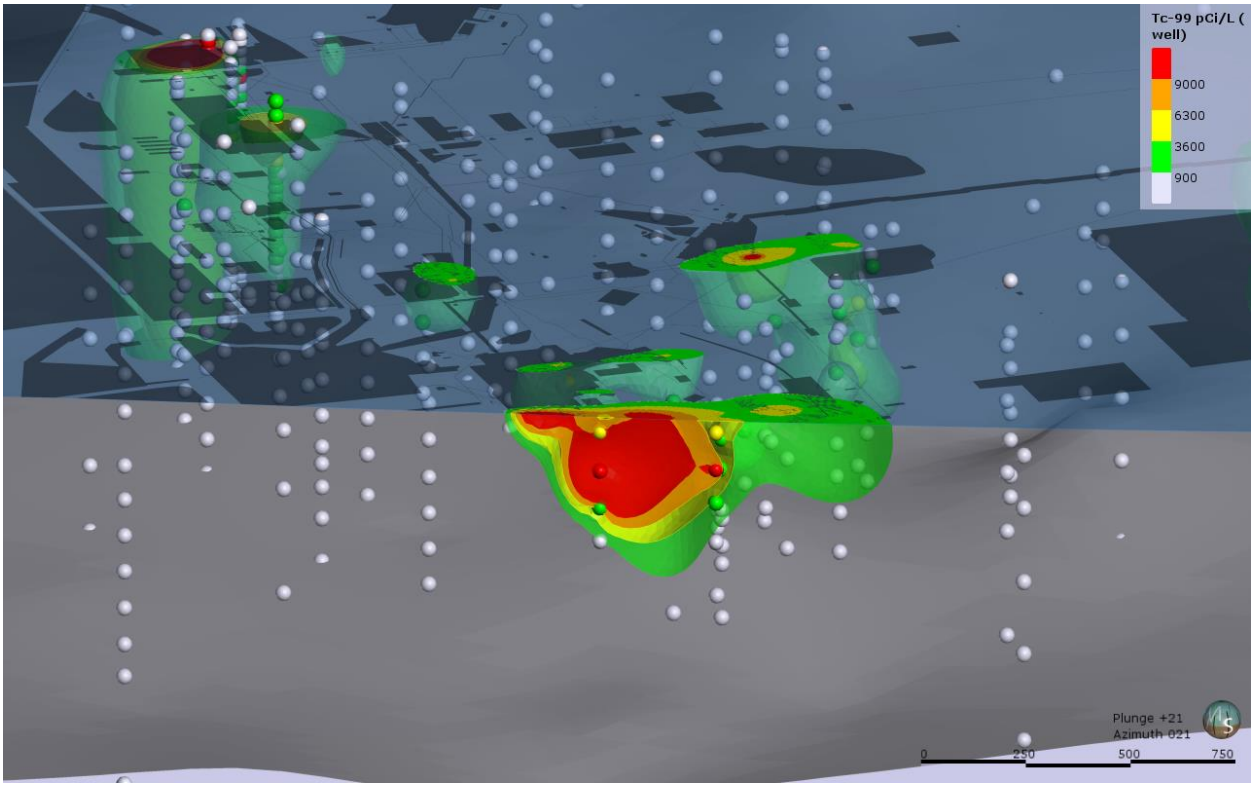

Figure 9: Cross-section of 3D U Plant Technetium-99 Plume, Looking Northeast, with 2D Plume Visible and Well Data (colored spheres) Displayed

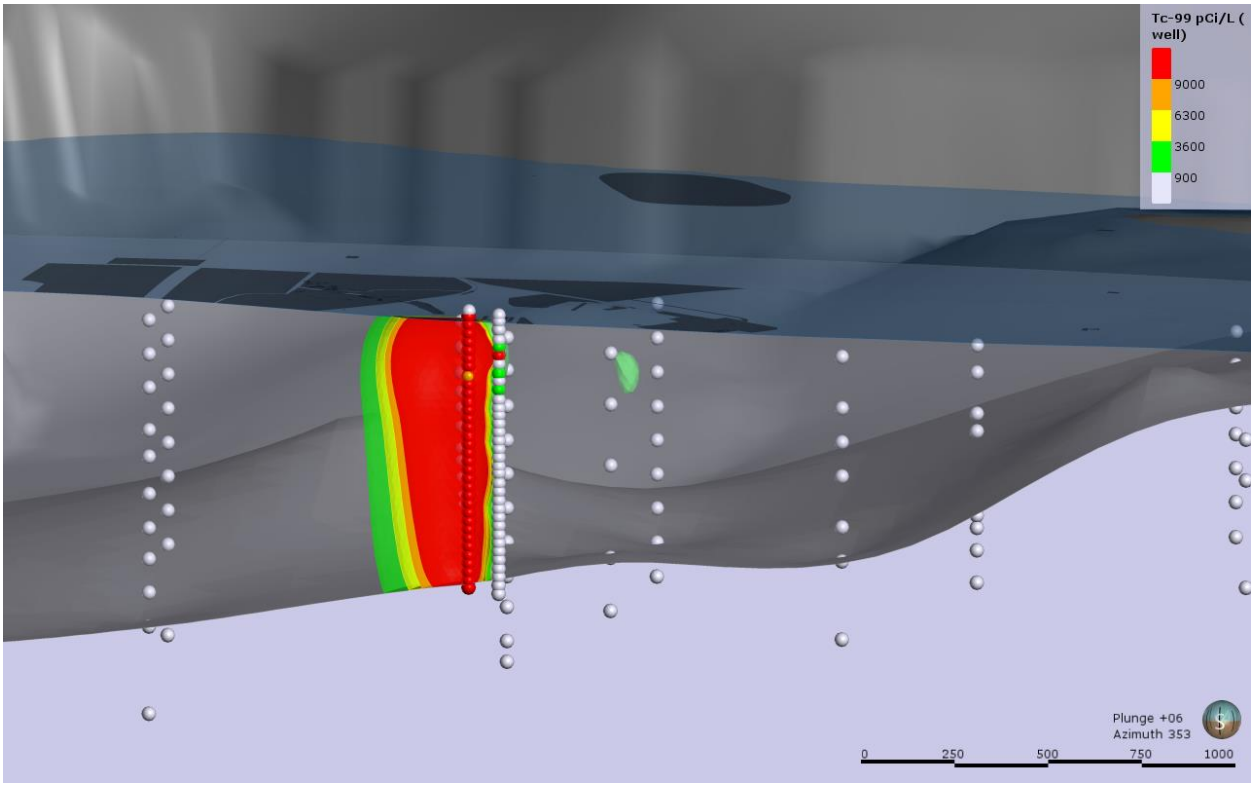

Figure 10. Cross-section of a Northern Section of the 3D U Plant Technetium-99 Plume, looking North, with 2D Plume Visible and Well Data (colored spheres) Displayed

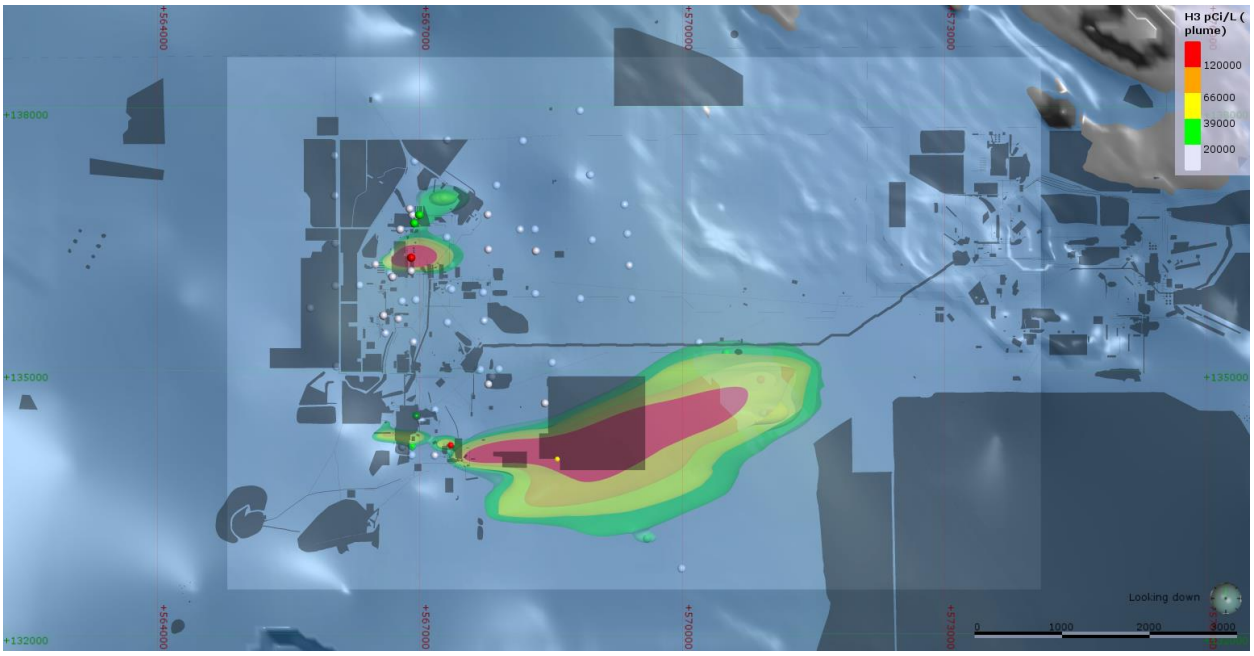

Figure 11. 3D Tritium Plume Viewed Overhead with the 2D Plume and Well Data (colored spheres) Displayed

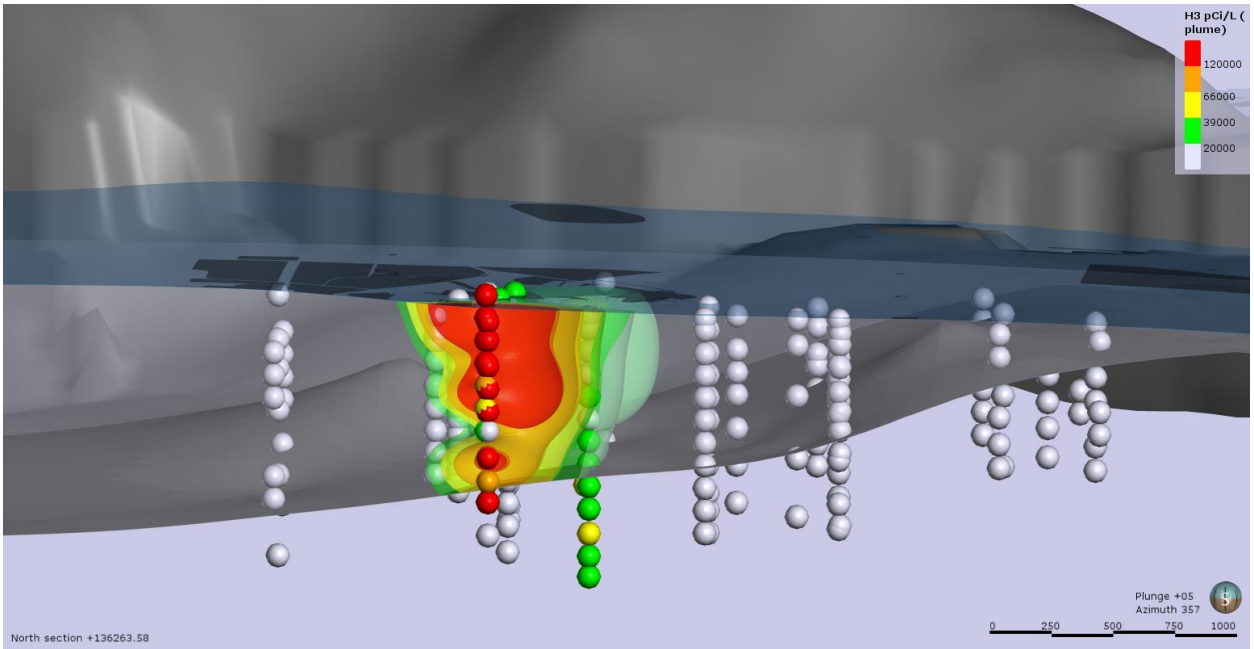

Figure 12. Cross-section of the Northern 3D Tritium Plume, looking Northeast, with the 2D Plume Removed and Well Data (colored spheres) Displayed

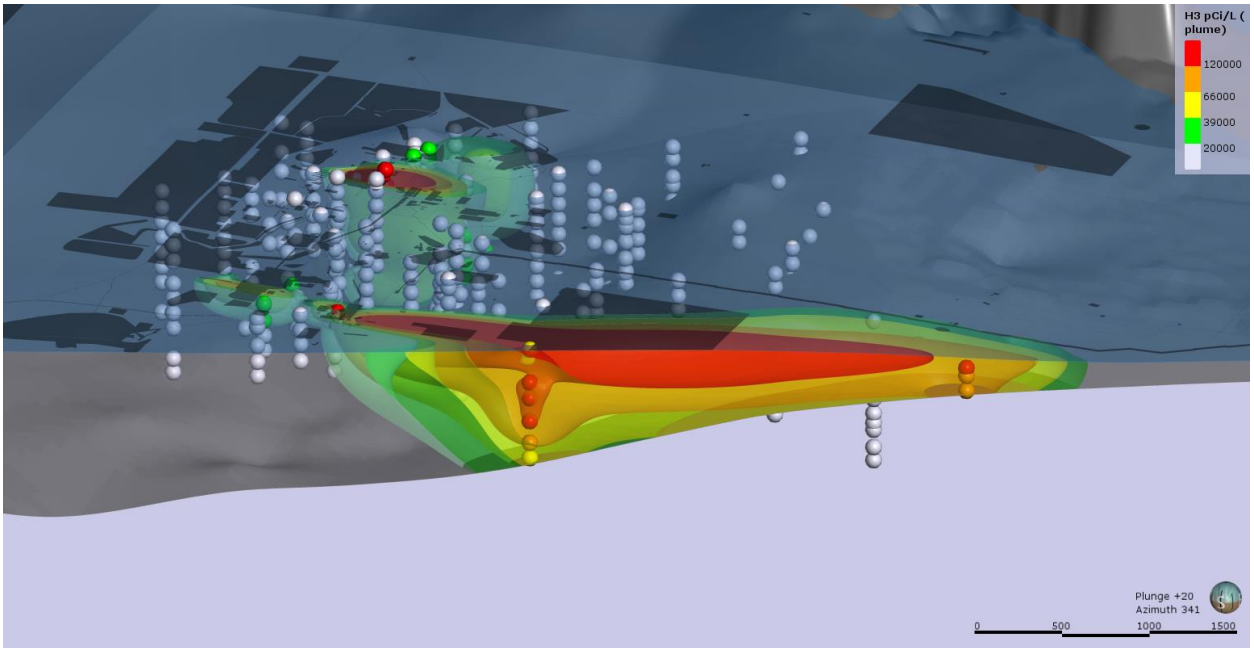

Figure 13. Cross-section of the Southern 3D Tritium Plume, looking Northwest, with the 2D Plume Removed and Well Data (colored spheres) Displayed

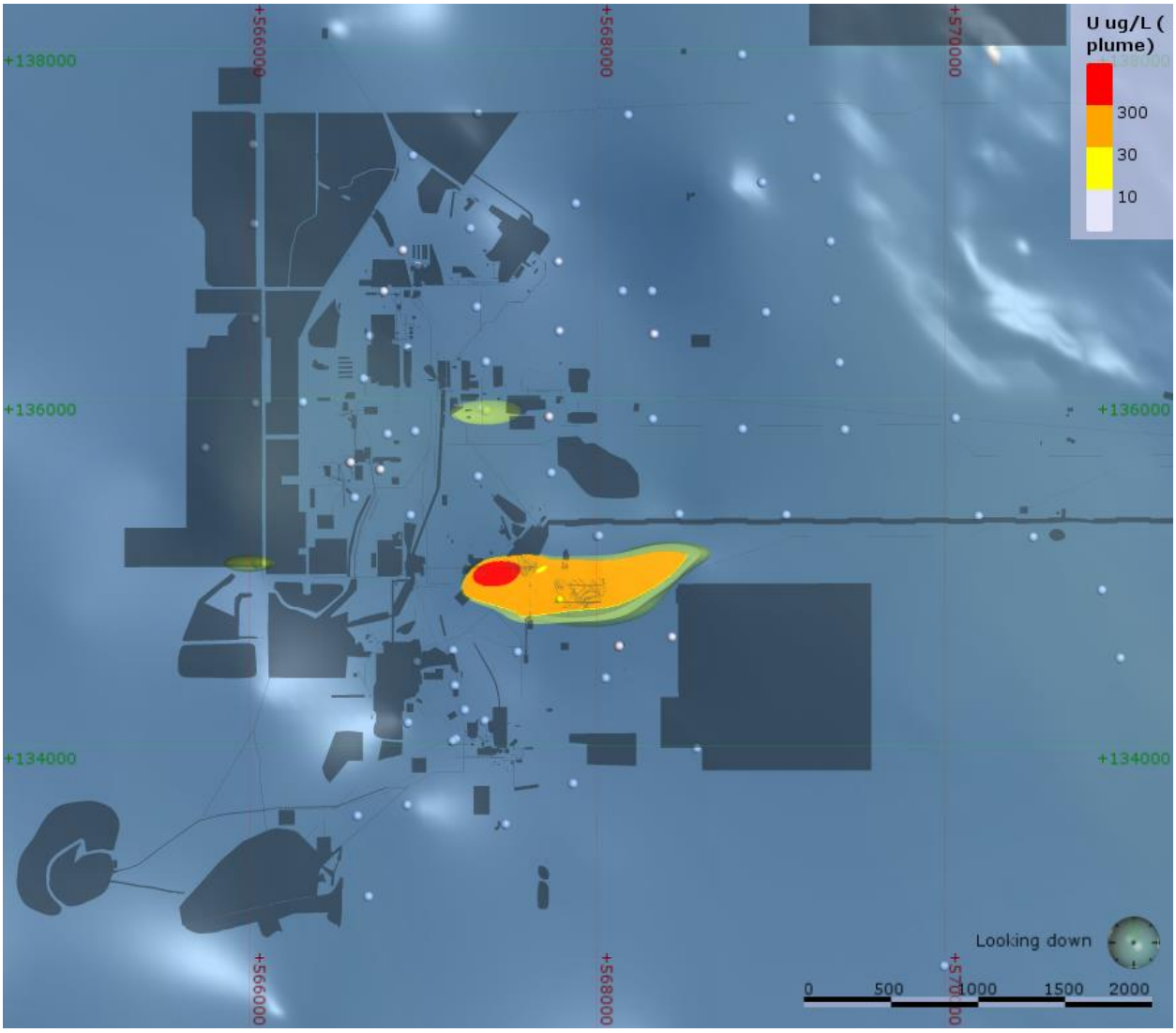

Figure 14. 3D Uranium Plume viewed overhead with the 2D Plume and Well Data (colored spheres) Displayed

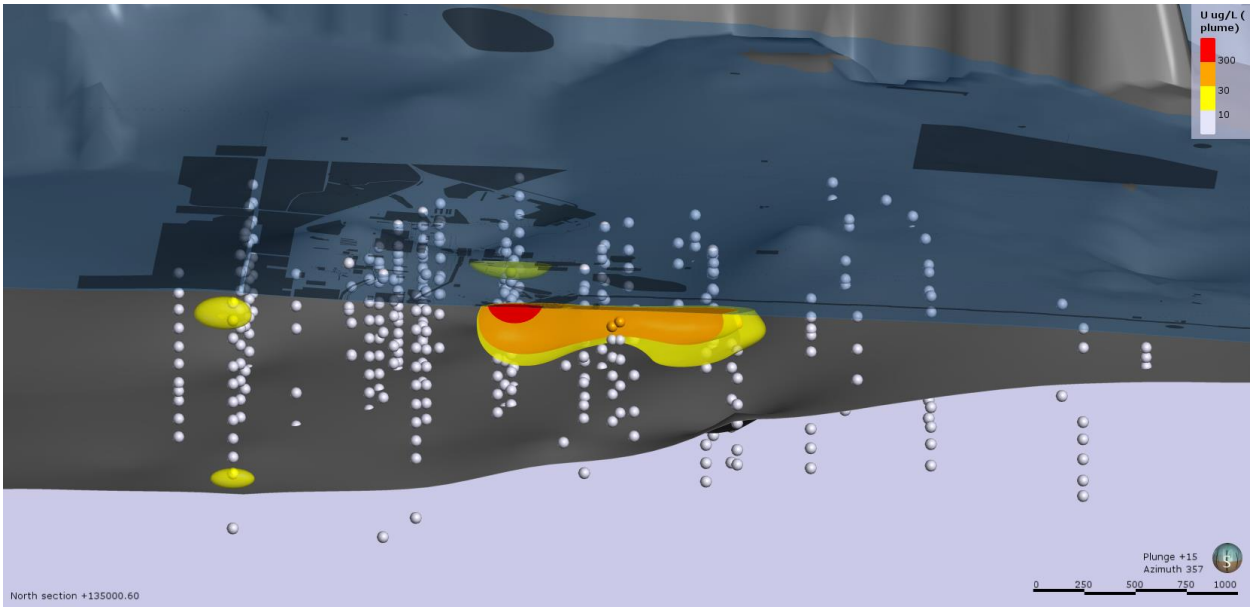

Figure 15. Cross-section of the 3D Uranium Plume, looking North, with the 2D Plume and Well Data (colored spheres) Displayed

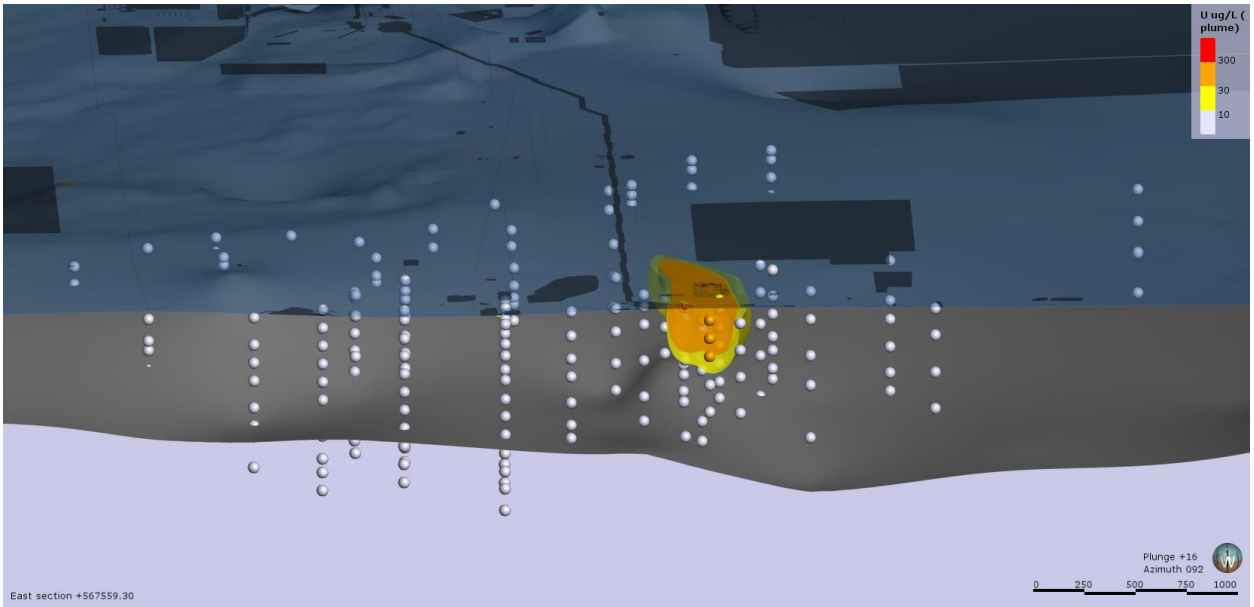

Figure 16. Cross-section of the 3D Uranium Plume, looking East, with the 2D Plume and Well Data (colored spheres) Displayed

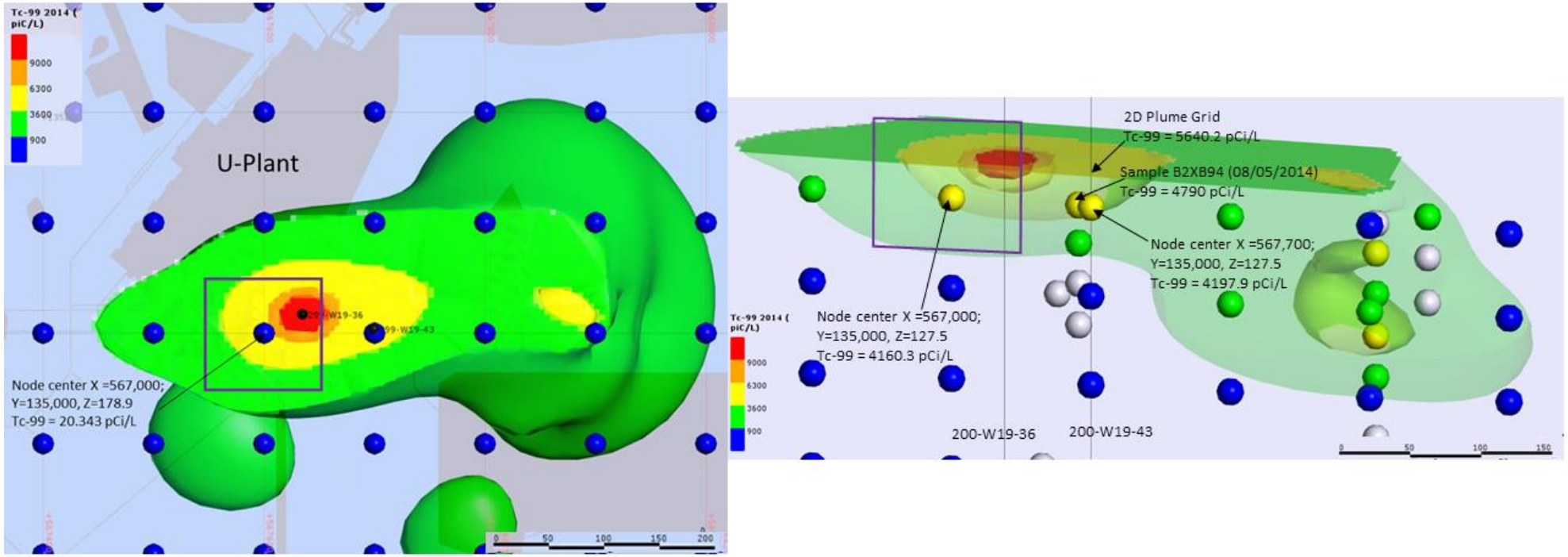

Figure 17: CPGW Grid Spacing and Adjacent Depth-Discrete Sample Data Locations Resulting in Discrepancies Between Measured and CPGW Node Center Evaluation Values (the purple boxes represent grid block extents around the node center located at the coordinates listed in the figure; the white balls represent depth-discrete Tc-99 sample values <900 pCi/L)

8 References

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CHPRC-01755, *Leapfrog-Hydro and Leapfrog-Geo Acceptance Test Report: Leapfrog-Hydro Version 2.3.2 and Leapfrog-Geo Version 3.0.0*, Rev. 4, CH2M Hill Plateau Remediation Company, Richland, Washington.

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ECF-HANFORD-15-0003, 2015, *Calculation and Depiction of Groundwater Contamination for the Calendar Year 2014 (CY2014) Hanford Site Groundwater Monitoring Report*, Rev. 0, CH2M Hill Plateau Remediation Company, Richland, Washington. Available at: http://pdw.hanford.gov/arpir/index.cfm/viewDoc?accession=0079509H.

ECF-HANFORD-12-0075, 2012, *Calculation and Depiction of Groundwater Contamination for the Calendar Year 2011 (CY2011) Hanford Site Groundwater Monitoring Report*, Rev. 0, CH2M Hill Plateau Remediation Company, Richland, Washington.

ECF-200UP1-14-0019, 2014, *Initial Groundwater Plume Development (Uranium, Technetium-99, Nitrate, and Iodine-129) to Support Fate and Transport Modeling for Remedial Design in the 200-UP-1 Groundwater Operable Unit*, Rev 0, CH2M Hill Plateau Remediation Company, Richland, Washington.

ECF-200UP1-14-0047, 2014, *Initial Groundwater Plume Development (Chromium, Tritium) to support Fate and Transport Modeling for Remedial Design in the 200-UP1 Groundwater Operable Unit*, Rev 0, CH2M Hill Plateau Remediation Company, Richland, Washington.

PRC-PRO-IRM-309, 2014, *Controlled Software Management*, Rev. 5 Chg. 0, CH2M Hill Plateau Remediation Company, Richland, Washington.

Attachment A

Software Installation and Checkout Form

CHPRC SOFTWARE INSTALLATION AND CHECKOUT FORM

Software Owner Instructions:

Complete Fields 1-13, then run test cases in Field 14. Compare test case results listed in Field 15 to corresponding Test Report outputs. If results are the same, sign and date Field 19. If not, resolve differences and repeat above steps.

Software Subject Matter Expert Instructions:

Assign test personnel. Approve the installation of the code by signing and dating Field 21, then maintain form as part of the software support documentation.

GENERAL INFORMATION:

1. Software Name: Leapfrog Geo Software Version No.: 3.0.0

EXECUTABLE INFORMATION:

2. Executable Name (include path):

   [redacted]\geo.exe

3. Executable Size (bytes):

COMPILATION INFORMATION:

4. Hardware System (i.e., property number or ID):

   Vendor supplied

5. Operating System (include version number):

   Windows (Vendor supplied)

INSTALLATION AND CHECKOUT INFORMATION:

6. Hardware System (i.e., property number or ID):

   INTERA Lenovo Laptop #00771

7. Operating System (include version number):

   Windows 8.1 Pro

8. Open Problem Report? (●) No ( ) Yes PR/CR No.

TEST CASE INFORMATION:

9. Directory/Path:

   [redacted]\leaptrog\

10. Procedure(s):

    per CHPRC-01754 Rev 1, Leapfrog-Hydro and Leapfrog-Geo Software Test Plan

11. Libraries:

    N/A

12. Input Files:

    per CHPRC-01754 Rev 1, Leapfrog-Hydro and Leapfrog-Geo Software Test Plan

13. Output Files:

    per CHPRC-01754 Rev 1, Leapfrog-Hydro and Leapfrog-Geo Software Test Plan

14. Test Cases:

    Vendor Installation Package, TC-1, TC-2,TC-3, TC-4, Tc-5, TC-6

15. Test Case Results:

    Pass

16. Test Performed By: Travis Hammond

17. Test Results: (●) Satisfactory, Accepted for Use ( ) Unsatisfactory

18. Disposition (include HISI update):

    Accepted; installation added to Hanford Off-Site user list

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CHPRC SOFTWARE INSTALLATION AND CHECKOUT FORM (continued)

1. Software Name: Leapfrog Geo — Software Version No.: 3.0.0

Prepared By:

19.	WE Nichols	4 Jan 2016
Software Owner (Signature)	Print	Date

20. Test Personnel:

	TB Hammond	12/16/15
Sign	Print	Date
Sign	Print	Date
Sign	Print	Date

Approved By:

21.	N/R per SMP	
Software SME (Signature)	Print	Date

A-6005-149 (REV 0)

Attachment B

Data used in 3D Plume generation for Nitrate

This chart only includes the data used to generate the 3D plume in Leapfrog. Repeat data which were uploaded to Leapfrog but were not used to generate the plume have not been included.

Depth-discrete data used in 3D plume generation for nitrate

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Nitrate (ug/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
571003.1	134505.3	120.563	299-E11-1	8/16/2015 12:03	227.703	20400	B31FC9		107.14
571003.1	134505.3	117.453	299-E11-1	8/17/2015 12:50	227.703	22600	B31FD7		110.25
571003.1	134505.3	111.423	299-E11-1	8/18/2015 13:05	227.703	8410	B31FF5		116.28
571003.1	134505.3	105.293	299-E11-1	8/19/2015 14:45	227.703	17700	B31FF9		122.41
570503	135199.8	118.643	299-E20-1	6/30/2015 11:01	231.813	167000	B31F61		113.17
570503	135199.8	115.413	299-E20-1	7/1/2015 12:12	231.813	186000	B31F69		116.4
570503	135199.8	112.313	299-E20-1	7/7/2015 10:38	231.813	177000	B31F77		119.5
570897.9	134895.8	119.328	299-E20-2	7/27/2015 10:46	227.868	37500	B31F90		108.54
570897.9	134895.8	116.248	299-E20-2	7/28/2015 9:28	227.868	20600	B31F98		111.62
566024.7	136995.5	130.652	299-W10-35	11/15/2010 13:24	212.032	33300	B24JK0		81.38
566024.7	136995.5	124.552	299-W10-35	11/16/2010 13:59	212.032	24700	B24JK1		87.48
566024.7	136995.5	118.58	299-W10-35	11/17/2010 13:22	212.032	18800	B24JK2		93.452
566024.7	136995.5	110.962	299-W10-35	11/18/2010 14:32	212.032	27700	B24JK3		101.07
566024.7	136995.5	106.232	299-W10-35	11/19/2010 12:18	212.032	28100	B24JK4		105.8
566024.7	136995.5	99.532	299-W10-35	11/29/2010 9:00	212.032	33200	B24JK5		112.5
566024.7	136995.5	93.432	299-W10-35	11/30/2010 8:45	212.032	24700	B24JK6		118.6
566024.7	136995.5	87.932	299-W10-35	12/2/2010 8:05	212.032	24700	B24JK7		124.1
566024.7	136995.5	81.932	299-W10-35	12/3/2010 8:11	212.032	24500	B24JK8		130.1
566024.7	136995.5	75.832	299-W10-35	12/6/2010 8:22	212.032	24800	B24JK9		136.2
566024.7	136995.5	60.232	299-W10-35	12/8/2010 10:50	212.032	8280	B24JL0		151.8
566019.2	137452	129.987	299-W10-36	6/27/2011 9:40	210.457	21700	B2BN66		80.47
566019.2	137452	123.897	299-W10-36	6/28/2011 7:54	210.457	23500	B2BN67		86.56
566019.2	137452	117.797	299-W10-36	6/28/2011 11:42	210.457	23900	B2BN68		92.66
566019.2	137452	111.697	299-W10-36	6/29/2011 8:24	210.457	23900	B2BN69		98.76
566019.2	137452	105.557	299-W10-36	6/29/2011 12:25	210.457	26400	B2BN70		104.9
566019.2	137452	99.557	299-W10-36	6/30/2011 10:10	210.457	24300	B2BN71		110.9
566019.2	137452	93.457	299-W10-36	6/30/2011 13:50	210.457	20300	B2BN72		117
566019.2	137452	87.357	299-W10-36	7/1/2011 10:02	210.457	20100	B2BN73		123.1
566019.2	137452	81.257	299-W10-36	7/6/2011 11:28	210.457	20700	B2BN74		129.2
566019.2	137452	71.157	299-W10-36	7/13/2011 15:16	210.457	194	B2BN75		139.3
567361.5	135924.7	128.529	299-W11-49	2/5/2010 11:50	216.009	24800	B23CT3		87.48
567361.5	135924.7	125.479	299-W11-49	2/8/2010 14:43	216.009	23900	B23F92		90.53
567361.5	135924.7	119.389	299-W11-49	2/9/2010 13:45	216.009	9740	B23CT4		96.62
567361.5	135924.7	113.309	299-W11-49	2/10/2010 12:00	216.009	41000	B23CT6		102.7
567361.5	135924.7	107.209	299-W11-49	2/12/2010 8:25	216.009	43900	B23CT7		108.8
567361.5	135924.7	101.109	299-W11-49	2/17/2010 7:55	216.009	42500	B23CT8		114.9
567361.5	135924.7	95.009	299-W11-49	2/25/2010 8:00	216.009	41300	B23CT9		121
567361.5	135924.7	88.909	299-W11-49	2/26/2010 13:18	216.009	38600	B23CV0		127.1
567361.5	135924.7	84.009	299-W11-49	3/26/2010 13:14	216.009	45600	B23CV1		132
567361.5	135924.7	78.209	299-W11-49	4/1/2010 12:32	216.009	31500	B23CV2		137.8
566966.3	136756.6	129.834	299-W11-50	9/1/2010 8:15	212.282	562000	B23WT0		82.448
566966.3	136756.6	123.892	299-W11-50	9/3/2010 11:34	212.282	611000	B23WW7		88.39
566966.3	136756.6	117.492	299-W11-50	9/9/2010 12:46	212.282	427000	B23WT1		94.79

Depth-discrete data used in 3D plume generation for nitrate

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Nitrate (ug/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566966.3	136756.6	111.082	299-W11-50	9/13/2010 10:47	212.282	301000	B23WT2		101.2
566966.3	136756.6	99.482	299-W11-50	9/24/2010 8:36	212.282	243000	B23WV0	111.8	112.8
566966.3	136756.6	88.182	299-W11-50	11/4/2010 9:17	212.282	197000	B23WV8		124.1
566966.3	136756.6	82.182	299-W11-50	11/8/2010 11:27	212.282	106000	B23WV9		130.1
566966.3	136756.6	76.082	299-W11-50	11/10/2010 13:25	212.282	136000	B23WW0		136.2
566966.3	136756.6	69.982	299-W11-50	11/16/2010 12:04	212.282	127000	B240Y2		142.3
566966.3	136756.6	62.882	299-W11-50	11/22/2010 13:22	212.282	122000	B240Y3		149.4
568143.5	136610	126.97	299-W11-86	6/30/2006 10:01	222.68	75000	B1JFV7	95.1	95.71
568143.5	136610	119.98	299-W11-86	7/7/2006 7:50	222.68	71700	B1JFV8	101.65	102.7
568143.5	136610	106.28	299-W11-86	7/12/2006 14:30	222.68	54000	B1JFW0	116.28	116.4
568143.5	136610	89.48	299-W11-86	7/25/2006 11:15	222.68	67700	B1JFW2		133.2
568143.5	136610	73.68	299-W11-86	8/4/2006 9:35	222.68	105000	B1JFW6	148.4	149
567874.7	137113.1	124.8	299-W11-88	11/29/2007 12:50	221.12	194000	B1P0M7	87.78	96.32
567874.7	137113.1	115.62	299-W11-88	11/29/2007 15:25	221.12	189000	B1P0M9	98.45	105.5
567874.7	137113.1	109.52	299-W11-88	12/3/2007 9:25	221.12	182000	B1P0N1	108.5	111.6
567874.7	137113.1	103.42	299-W11-88	12/5/2007 11:35	221.12	196000	B1P0N3	114.6	117.7
567874.7	137113.1	94.32	299-W11-88	12/6/2007 13:20	221.12	274000	B1P0N5	123.7	126.8
567874.7	137113.1	88.22	299-W11-88	12/11/2007 12:35	221.12	135000	B1P0N7		132.9
567874.7	137113.1	84.52	299-W11-88	2/6/2008 9:40	221.12	181000	B1P0N9		136.6
567306.8	136519.7	127.926	299-W11-90	1/13/2010 11:45	218.146	88500	B23C63		90.22
567306.8	136519.7	124.876	299-W11-90	1/14/2010 12:35	218.146	68600	B23F93		93.27
567306.8	136519.7	118.786	299-W11-90	1/15/2010 9:10	218.146	112000	B23C65		99.36
567306.8	136519.7	112.646	299-W11-90	1/19/2010 14:40	218.146	118000	B23C64		105.5
567306.8	136519.7	106.546	299-W11-90	2/12/2010 12:00	218.146	164000	B23C67		111.6
567306.8	136519.7	100.446	299-W11-90	2/16/2010 14:30	218.146	136000	B23C68		117.7
567306.8	136519.7	94.446	299-W11-90	2/22/2010 13:07	218.146	157000	B23C69		123.7
567306.8	136519.7	88.346	299-W11-90	2/23/2010 12:15	218.146	178000	B23C70		129.8
567306.8	136519.7	82.246	299-W11-90	3/1/2010 8:59	218.146	154000	B23C71		135.9
567306.8	136519.7	76.146	299-W11-90	3/2/2010 9:45	218.146	157000	B23C72		142
567306.8	136519.7	69.446	299-W11-90	3/4/2010 12:35	218.146	166000	B23C73		148.7
567306.8	136519.7	63.346	299-W11-90	3/8/2010 9:16	218.146	128000	B23C74		154.8
567306.8	136519.7	57.846	299-W11-90	3/18/2010 10:44	218.146	168000	B23C75		160.3
566692.9	136351.8	128.988	299-W11-92	4/29/2010 12:35	204.578	95200	B24185		75.59
566692.9	136351.8	123.808	299-W11-92	4/30/2010 12:58	204.578	94300	B24186		80.77
566692.9	136351.8	117.708	299-W11-92	11/1/2010 13:54	204.578	151000	B23WV1		86.87
566692.9	136351.8	117.098	299-W11-92	5/14/2010 10:00	204.578	115000	B24187		87.48
566692.9	136351.8	110.398	299-W11-92	5/17/2010 8:40	204.578	112000	B24188		94.18
566692.9	136351.8	104.278	299-W11-92	5/17/2010 15:07	204.578	177000	B24189		100.3
566692.9	136351.8	98.478	299-W11-92	9/16/2010 8:32	204.578	294000	B23WT9		106.1
566692.9	136351.8	98.178	299-W11-92	5/18/2010 14:22	204.578	186000	B24190		106.4
566692.9	136351.8	92.378	299-W11-92	5/20/2010 10:06	204.578	160000	B24191		112.2
566692.9	136351.8	86.278	299-W11-92	5/24/2010 11:09	204.578	145000	B24192		118.3
566692.9	136351.8	81.178	299-W11-92	5/27/2010 12:33	204.578	148000	B241B8		123.4

Depth-discrete data used in 3D plume generation for nitrate

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Nitrate (ug/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566692.9	136351.8	64.488	299-W11-92	6/2/2010 14:20	204.578	2320	B24194		140.09
567775.5	136780.1	129.11	299-W11-93	10/19/2009 8:55	220.55	51800	B21F66		91.44
567775.5	136780.1	123.01	299-W11-93	10/20/2009 8:30	220.55	85000	B21FL0		97.54
567775.5	136780.1	116.95	299-W11-93	10/21/2009 9:00	220.55	74400	B21FL1		103.6
567775.5	136780.1	110.85	299-W11-93	10/22/2009 9:20	220.55	155000	B21FL2		109.7
567775.5	136780.1	104.75	299-W11-93	10/23/2009 10:30	220.55	159000	B21FL3		115.8
567775.5	136780.1	98.65	299-W11-93	10/26/2009 8:20	220.55	228000	B21FL4		121.9
567775.5	136780.1	86.59	299-W11-93	10/29/2009 13:10	220.55	321000	B21FL6		133.96
567775.5	136780.1	78.85	299-W11-93	11/17/2009 7:35	220.55	311000	B21FL7		141.7
567775.5	136780.1	74.25	299-W11-93	11/18/2009 8:45	220.55	303000	B21FL8		146.3
567775.5	136780.1	68.15	299-W11-93	11/19/2009 8:20	220.55	176000	B21FL9		152.4
568317.6	135875.9	121.362	299-W11-97	6/29/2015 11:28	223.462	56700	B31D60		102.1
568317.6	135875.9	115.282	299-W11-97	6/30/2015 8:28	223.462	32200	B31D65		108.18
568317.6	135875.9	110.362	299-W11-97	7/1/2015 12:59	223.462	27800	B31D70		113.1
568317.6	135875.9	103.062	299-W11-97	7/6/2015 12:20	223.462	27500	B31D75		120.4
568317.6	135875.9	98.162	299-W11-97	7/7/2015 9:34	223.462	30900	B31D80		125.3
568317.6	135875.9	90.452	299-W11-97	7/7/2015 14:10	223.462	25300	B31D90		133.01
568317.6	135875.9	84.762	299-W11-97	7/8/2015 8:52	223.462	20600	B31D95		138.7
568317.6	135875.9	78.627	299-W11-97	7/8/2015 14:22	223.462	23500	B31DB0		144.835
568317.6	135875.9	72.262	299-W11-97	7/9/2015 9:52	223.462	23900	B31DB5		151.2
568317.6	135875.9	66.162	299-W11-97	7/13/2015 9:53	223.462	26700	B31DC0		157.3
568317.6	135875.9	59.932	299-W11-97	7/14/2015 9:51	223.462	124	B31DC5		163.53
568313	136610	124.75	299-W12-2	8/17/2009 9:27	222.29	6150	B21F30		97.54
568313	136610	123.078	299-W12-2	8/18/2009 8:13	222.29	14800	B21F32		99.212
568313	136610	116.79	299-W12-2	8/19/2009 8:50	222.29	21200	B21F33		105.5
568313	136610	110.89	299-W12-2	8/20/2009 10:29	222.29	37000	B21F34		111.4
568313	136610	104.99	299-W12-2	8/21/2009 14:00	222.29	56700	B21F35		117.3
568313	136610	97.89	299-W12-2	8/24/2009 14:20	222.29	56200	B21F36		124.4
568313	136610	90.89	299-W12-2	8/26/2009 8:25	222.29	61100	B21F37		131.4
568313	136610	85.59	299-W12-2	8/27/2009 8:20	222.29	62000	B21F38		136.7
568313	136610	80.92	299-W12-2	9/8/2009 15:05	222.29	76600	B21F40		141.37
568313	136610	78.99	299-W12-2	9/1/2009 13:05	222.29	69900	B21F39		143.3
568313	136610	74.74	299-W12-2	9/10/2009 8:45	222.29	63300	B21F64		147.55
568324.8	136363.4	128.39	299-W12-3	9/18/2009 9:45	223.18	66000	B21N57		94.79
568324.8	136363.4	121.98	299-W12-3	9/22/2009 8:23	223.18	152000	B21N58		101.2
568324.8	136363.4	116.04	299-W12-3	9/24/2009 13:55	223.18	157000	B21N59		107.14
568324.8	136363.4	108.88	299-W12-3	9/29/2009 14:55	223.18	135000	B21N60	113.1	114.3
568324.8	136363.4	103.08	299-W12-3	9/30/2009 14:45	223.18	170000	B21WH4		120.1
568324.8	136363.4	96.68	299-W12-3	10/1/2009 14:40	223.18	298000	B21N62		126.5
568324.8	136363.4	90.58	299-W12-3	10/2/2009 11:42	223.18	256000	B21N63		132.6
568324.8	136363.4	83.88	299-W12-3	10/5/2009 9:05	223.18	285000	B21N64		139.3
568324.8	136363.4	78.68	299-W12-3	10/6/2009 12:30	223.18	242000	B21N65		144.5
568324.8	136363.4	71.98	299-W12-3	10/8/2009 10:00	223.18	204000	B21N66		151.2

Depth-discrete data used in 3D plume generation for nitrate

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Nitrate (ug/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
568329	136363.4	124.83	299-W12-4	8/12/2009 13:00	222.37	7790	B21FT9	96.32	97.54
568329	136363.4	121.77	299-W12-4	8/13/2009 9:35	222.37	5050	B21FV1		100.6
568329	136363.4	115.67	299-W12-4	8/20/2009 7:50	222.37	3220	B21FV2		106.7
568329	136363.4	109.57	299-W12-4	8/21/2009 7:40	222.37	7790	B21FV3		112.8
568329	136363.4	103.77	299-W12-4	9/25/2009 7:50	222.37	41300	B21FV4		118.6
568329	136363.4	98.68	299-W12-4	9/28/2009 8:50	222.37	42800	B21FV5		123.69
568329	136363.4	92.37	299-W12-4	9/29/2009 14:10	222.37	46900	B21FV6		130
568329	136363.4	85.67	299-W12-4	10/2/2009 10:45	222.37	46900	B21FV7		136.7
568329	136363.4	79.77	299-W12-4	10/5/2009 13:10	222.37	47400	B21FV8		142.6
568329	136363.4	72.84	299-W12-4	10/7/2009 8:05	222.37	45200	B21FV9		149.53
568329	136363.4	67.04	299-W12-4	10/9/2009 13:50	222.37	44700	B21FW0		155.33
568832.6	135819.4	122.73	299-W13-2	10/21/2015 12:30	225.3	24800	B31CK4		102.57
568832.6	135819.4	116.645	299-W13-2	10/22/2015 9:35	225.3	29700	B31CK9		108.655
568832.6	135819.4	112.62	299-W13-2	3/7/2016 9:30	225.3	24300	B33BT6		112.68
568832.6	135819.4	110.488	299-W13-2	10/26/2015 9:50	225.3	25700	B31CL5		114.812
568832.6	135819.4	104.9	299-W13-2	10/26/2015 14:45	225.3	27400	B31CM0		120.4
568832.6	135819.4	97.9	299-W13-2	11/4/2015 8:53	225.3	23500	B31CM5		127.4
568832.6	135819.4	92.25	299-W13-2	11/4/2015 14:40	225.3	21700	B31CN0		133.05
568832.6	135819.4	85.433	299-W13-2	12/8/2015 14:25	225.3	27000	B31CN5		139.867
568832.6	135819.4	79.06	299-W13-2	12/10/2015 15:06	225.3	26100	B31CP0		146.24
568832.6	135819.4	72.598	299-W13-2	12/14/2015 12:56	225.3	24800	B31CR0		152.702
568832.6	135819.4	65.874	299-W13-2	12/15/2015 11:32	225.3	24300	B31CR5		159.426
566909.2	136284.5	128.048	299-W14-20	4/16/2009 7:56	204.4	278000	B1YMJ9		76.352
566909.2	136284.5	123.02	299-W14-20	6/19/2009 10:25	204.4	157000	B1YMK1		81.38
566909.2	136284.5	116.01	299-W14-20	6/24/2009 10:40	204.4	181000	B1YMK2	87.17	88.39
566909.2	136284.5	109.91	299-W14-20	6/29/2009 8:15	204.4	325000	B1YMK3		94.49
566909.2	136284.5	103.8	299-W14-20	7/6/2009 13:51	204.4	209000	B1YMK4		100.6
566909.2	136284.5	96.8	299-W14-20	7/9/2009 10:15	204.4	185000	B1YMK5	106.7	107.6
566909.2	136284.5	91.3	299-W14-20	7/13/2009 10:15	204.4	147000	B1YMK6		113.1
566909.2	136284.5	84.9	299-W14-20	7/17/2009 12:35	204.4	58400	B1YMK7	117.7	119.5
566909.2	136284.5	79.28	299-W14-20	7/21/2009 14:20	204.4	113000	B1YMK8	124.4	125.12
566909.2	136284.5	70.3	299-W14-20	7/29/2009 8:25	204.4	1770	B1YMK9		134.1
567721.5	135890	130.32	299-W14-21	9/22/2009 11:46	219.32	7570	B21TJ5		89
567721.5	135890	124.83	299-W14-21	9/23/2009 13:45	219.32	14700	B21TJ6		94.49
567721.5	135890	118.12	299-W14-21	10/2/2009 13:40	219.32	27700	B21TJ7		101.2
567721.5	135890	114.12	299-W14-21	10/6/2009 9:22	219.32	23700	B21TJ8		105.2
567721.5	135890	105.92	299-W14-21	10/7/2009 10:40	219.32	9160	B21TJ9		113.4
567721.5	135890	99.47	299-W14-21	10/8/2009 10:45	219.32	7970	B21TK1		119.85
567721.5	135890	93.72	299-W14-21	10/9/2009 14:00	219.32	7440	B21TK2		125.6
567721.5	135890	87.49	299-W14-21	10/12/2009 14:25	219.32	7390	B21TK3		131.83
567721.5	135890	81.22	299-W14-21	10/14/2009 8:15	219.32	8230	B21TK4		138.1
567721.5	135890	75.12	299-W14-21	10/16/2009 7:50	219.32	8590	B21TK5		144.2
567721.5	135890	69.32	299-W14-21	10/19/2009 9:40	219.32	10100	B21TK6		150

Depth-discrete data used in 3D plume generation for nitrate

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Nitrate (ug/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
567721.5	135890	62.02	299-W14-21	10/22/2009 11:10	219.32	23500	B21WB8		157.3
567359	136204.6	127.576	299-W14-73	4/7/2009 10:40	216.73	147000	B1YNN1		89.154
567359	136204.6	121.94	299-W14-73	4/10/2009 13:45	216.73	7130	B1YNN5		94.79
567359	136204.6	115.99	299-W14-73	4/15/2009 11:50	216.73	73900	B1YNN9		100.74
567359	136204.6	109.71	299-W14-73	4/20/2009 14:50	216.73	54000	B1YNP1		107.02
567359	136204.6	103.63	299-W14-73	4/22/2009 13:55	216.73	69100	B1YNP3		113.1
567359	136204.6	97.23	299-W14-73	4/27/2009 14:17	216.73	60200	B1YNP7		119.5
567359	136204.6	91.73	299-W14-73	4/29/2009 13:56	216.73	20200	B1YNP9		125
567359	136204.6	85.03	299-W14-73	5/4/2009 10:40	216.73	68200	B1YNR1		131.7
567359	136204.6	79.53	299-W14-73	5/8/2009 10:40	216.73	13100	B1YNR3		137.2
567359	136204.6	73.43	299-W14-73	5/15/2009 14:35	216.73	91600	B1YNR7	142.3	143.3
567359	136204.6	66.73	299-W14-73	5/27/2009 10:27	216.73	63700	B1YNR9	147.8	150
567781.5	136381.3	128.483	299-W14-74	8/12/2009 8:30	221.443	39600	B21CF1		92.96
567781.5	136381.3	119.043	299-W14-74	8/17/2009 10:26	221.443	60200	B21CF3		102.4
567781.5	136381.3	113.243	299-W14-74	8/18/2009 13:10	221.443	67300	B21CF5		108.2
567781.5	136381.3	107.143	299-W14-74	8/20/2009 11:15	221.443	48300	B21CF6		114.3
567781.5	136381.3	101.043	299-W14-74	8/24/2009 11:50	221.443	52700	B21CF7		120.4
567781.5	136381.3	94.943	299-W14-74	8/27/2009 11:25	221.443	81500	B21CF8		126.5
567781.5	136381.3	88.843	299-W14-74	8/28/2009 11:45	221.443	77500	B21CF9		132.6
567781.5	136381.3	82.743	299-W14-74	8/31/2009 14:40	221.443	80600	B21CH0		138.7
567781.5	136381.3	70.543	299-W14-74	9/3/2009 10:00	221.443	71300	B21CH2		150.9
566657.4	136108.9	129.107	299-W15-225	3/9/2009 8:35	204.85	88100	B1YCX0		75.743
566657.4	136108.9	122.219	299-W15-225	3/27/2009 12:05	204.85	136000	B1YCY2		82.631
566657.4	136108.9	114.63	299-W15-225	4/21/2009 14:25	204.85	142000	B1YCY6		90.22
566657.4	136108.9	108.53	299-W15-225	4/22/2009 11:07	204.85	137000	B1YD23		96.32
566657.4	136108.9	102.45	299-W15-225	4/23/2009 8:20	204.85	156000	B1YD27		102.4
566657.4	136108.9	96.35	299-W15-225	4/24/2009 11:45	204.85	157000	B1YD31		108.5
566657.4	136108.9	90.25	299-W15-225	4/27/2009 12:25	204.85	173000	B1YD35		114.6
566657.4	136108.9	84.15	299-W15-225	4/28/2009 12:52	204.85	171000	B1YD39		120.7
566657.4	136108.9	78.35	299-W15-225	4/29/2009 13:12	204.85	162000	B1YD43		126.5
566657.4	136108.9	63.15	299-W15-225	5/8/2009 10:06	204.85	8940	B1YD47		141.7
566033.3	136450.2	131.293	299-W15-226	6/1/2010 14:07	212.373	2140	B24JL4		81.08
566033.3	136450.2	130.073	299-W15-226	6/2/2010 12:33	212.373	5980	B24JL5		82.3
566033.3	136450.2	118.493	299-W15-226	6/3/2010 10:54	212.373	6110	B24JJ6		93.88
566033.3	136450.2	112.403	299-W15-226	6/4/2010 7:16	212.373	5530	B24JL7		99.97
566033.3	136450.2	106.273	299-W15-226	6/4/2010 12:31	212.373	8900	B24JL8		106.1
566033.3	136450.2	100.173	299-W15-226	6/7/2010 12:46	212.373	13900	B24JL9		112.2
566033.3	136450.2	96.273	299-W15-226	6/9/2010 10:11	212.373	18500	B24JM0		116.1
566033.3	136450.2	84.973	299-W15-226	6/10/2010 8:25	212.373	21500	B24JM1		127.4
566033.3	136450.2	78.873	299-W15-226	6/10/2010 14:48	212.373	15800	B24JM2		133.5
566033.3	136450.2	63.373	299-W15-226	6/16/2010 12:25	212.373	274	B24JM3		149
566034	135966.6	132.372	299-W15-227	6/10/2010 7:45	213.752	95200	B24JM9		81.38
566034	135966.6	126.671	299-W15-227	6/10/2010 13:54	213.752	117000	B24JN0		87.081

Depth-discrete data used in 3D plume generation for nitrate

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Nitrate (ug/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566034	135966.6	120.331	299-W15-227	6/11/2010 11:07	213.752	119000	B24JJ7		93.421
566034	135966.6	114.082	299-W15-227	6/16/2010 7:36	213.752	103000	B24JN2		99.67
566034	135966.6	107.952	299-W15-227	6/21/2010 13:04	213.752	30100	B24JN3		105.8
566034	135966.6	102.152	299-W15-227	6/23/2010 10:53	213.752	17800	B24JN4		111.6
566034	135966.6	95.942	299-W15-227	6/24/2010 12:06	213.752	10000	B24JN5		117.81
566034	135966.6	90.152	299-W15-227	6/25/2010 11:55	213.752	18300	B24JN6		123.6
566034	135966.6	83.812	299-W15-227	6/30/2010 12:38	213.752	16200	B24JN7		129.94
566034	135966.6	77.852	299-W15-227	7/1/2010 15:05	213.752	17900	B24JN8		135.9
566034	135966.6	57.74	299-W15-227	7/12/2010 9:44	213.752	1290	B24JN9		156.012
565745.4	135711.5	130.5048	299-W15-228	4/14/2014 14:24	208.241	103000	B2W2M7		77.7362
565745.4	135711.5	123.811	299-W15-228	4/15/2014 14:00	208.241	106000	B2W2N1		84.43
565745.4	135711.5	118.2732	299-W15-228	4/16/2014 11:50	208.241	80600	B2W2N5		89.9678
565745.4	135711.5	112.0248	299-W15-228	4/17/2014 9:11	208.241	33600	B2W2N9		96.2162
565745.4	135711.5	105.804	299-W15-228	4/21/2014 10:15	208.241	96100	B2W2P3		102.437
565745.4	135711.5	100.04	299-W15-228	4/22/2014 9:01	208.241	73000	B2W2R1		108.201
565745.4	135711.5	93.752	299-W15-228	4/23/2014 10:06	208.241	24300	B2W2R5		114.489
565745.4	135711.5	90.941	299-W15-228	11/19/2014 11:15	208.241	35400	B2YRW1		117.3
565745.4	135711.5	87.68	299-W15-228	4/24/2014 10:18	208.241	11800	B2W2R9		120.561
565745.4	135711.5	81.571	299-W15-228	4/28/2014 9:27	208.241	12700	B2W2T3		126.67
565745.4	135711.5	75.516	299-W15-228	4/29/2014 10:25	208.241	13300	B2W2V1		132.725
565745.4	135711.5	49.741	299-W15-228	5/12/2014 14:26	208.241	146	B2W2V5		158.5
566581.8	135627	136.091	299-W15-42	1/18/2002 20:41	206.53	95200	B12XL6	70.1	70.439
566581.8	135627	121.308	299-W15-42	2/27/2002 14:10	206.53	165000	B140B4		85.222
566581.8	135627	121.284	299-W15-42	2/27/2002 14:10	206.53	166000	B12XM2		85.2465
566581.8	135627	120.27	299-W15-42	1/24/2002 20:19	206.53	130000	B12XM1	85.34	86.26
566752.2	135586.7	133.214	299-W15-46	9/14/2004 9:55	203.47	406000	B1B7X7	69.49	70.256
566752.2	135586.7	131.994	299-W15-46	9/28/2004 13:55	203.47	397000	B17NM6	70.71	71.476
566752.2	135586.7	126.97	299-W15-46	10/6/2004 10:15	203.47	89400	B19NH3		76.5
566752.2	135586.7	124.374	299-W15-46	10/11/2004 8:30	203.47	76100	B1B9Y1	78.33	79.096
566752.2	135586.7	122.09	299-W15-46	10/12/2004 12:00	203.47	93800	B19NH5		81.38
566752.2	135586.7	119.04	299-W15-46	10/14/2004 9:57	203.47	850000	B19NH6		84.43
566752.2	135586.7	113.706	299-W15-46	10/19/2004 10:47	203.47	1050000	B1B9Y2		89.764
566752.2	135586.7	112.182	299-W15-46	10/25/2004 12:05	203.47	801000	B19NH7	90.53	91.288
566752.2	135586.7	106.086	299-W15-46	10/28/2004 10:45	203.47	575000	B19NH8	96.62	97.384
566752.2	135586.7	99.99	299-W15-46	11/2/2004 9:55	203.47	389000	B19NH9	102.7	103.48
566752.2	135586.7	94.67	299-W15-46	11/8/2004 10:25	203.47	167000	B19NJ0		108.8
566752.2	135586.7	91.76	299-W15-46	11/10/2004 7:55	203.47	172000	B1BB03		111.71
566752.2	135586.7	87.8	299-W15-46	11/15/2004 9:15	203.47	121000	B19NJ1	114.9	115.67
566752.2	135586.7	82.47	299-W15-46	11/23/2004 11:15	203.47	77000	B19NJ2		121
566752.2	135586.7	75.17	299-W15-46	11/30/2004 12:44	203.47	62400	B19NJ3	127.86	128.3
566752.2	135586.7	55.79	299-W15-46	1/13/2005 9:25	203.47	88.5	B19NJ5	146.9	147.68
566752.2	135586.7	44.97	299-W15-46	1/26/2005 13:05	203.47	37700	B1B9N2		158.5
566951.6	135806.2	129.535	299-W17-2	4/1/2010 9:05	204.515	1700	B24117		74.98

Depth-discrete data used in 3D plume generation for nitrate

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Nitrate (ug/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566951.6	135806.2	123.745	299-W17-2	4/1/2010 13:25	204.515	1760	B24119		80.77
566951.6	135806.2	117.345	299-W17-2	4/6/2010 9:00	204.515	1960	B24134		87.17
566951.6	135806.2	110.335	299-W17-2	4/8/2010 8:30	204.515	28100	B24121		94.18
566951.6	135806.2	104.215	299-W17-2	4/9/2010 12:14	204.515	38500	B24122		100.3
566951.6	135806.2	98.415	299-W17-2	4/15/2010 7:54	204.515	34300	B24123		106.1
566951.6	135806.2	92.315	299-W17-2	4/16/2010 12:34	204.515	32700	B24124		112.2
566951.6	135806.2	86.215	299-W17-2	4/19/2010 10:00	204.515	31300	B24125		118.3
566951.6	135806.2	79.215	299-W17-2	4/21/2010 14:40	204.515	29400	B24126		125.3
566951.6	135806.2	61.215	299-W17-2	4/26/2010 14:30	204.515	274	B24127		143.3
566925.9	135325	130.847	299-W17-3	3/19/2010 11:30	206.137	32500	B23CB8		75.29
566925.9	135325	125.667	299-W17-3	3/23/2010 8:50	206.137	31300	B23F94		80.47
566925.9	135325	119.267	299-W17-3	3/24/2010 9:22	206.137	30100	B23CC0		86.87
566925.9	135325	113.177	299-W17-3	3/25/2010 9:18	206.137	20100	B23CC1		92.96
566925.9	135325	106.777	299-W17-3	3/26/2010 9:21	206.137	7750	B23CC2		99.36
566925.9	135325	100.637	299-W17-3	3/31/2010 9:55	206.137	14100	B23CC3		105.5
566925.9	135325	94.237	299-W17-3	4/2/2010 9:30	206.137	9960	B23CC4		111.9
566925.9	135325	88.137	299-W17-3	4/7/2010 14:00	206.137	9610	B23CC5		118
566925.9	135325	82.037	299-W17-3	4/12/2010 12:20	206.137	12200	B23CC6		124.1
566925.9	135325	76.037	299-W17-3	4/15/2010 9:18	206.137	15000	B23CC7		130.1
566925.9	135325	69.937	299-W17-3	4/16/2010 13:50	206.137	13100	B23CC8		136.2
566925.9	135325	56.137	299-W17-3	4/20/2010 13:52	206.137	274	B23CC9		150
566862.5	135196.9	129.762	299-W18-260	9/22/2014 14:20	205.052	57100	B2XPM4		75.29
566862.5	135196.9	124.31	299-W18-260	10/2/2014 12:10	205.052	53100	B2XPM7		80.742
566862.5	135196.9	118.154	299-W18-260	10/8/2014 10:40	205.052	43400	B2XPN0		86.898
566862.5	135196.9	112.24	299-W18-260	10/14/2014 14:00	205.052	35300	B2XPN3		92.812
566862.5	135196.9	106.205	299-W18-260	10/20/2014 9:58	205.052	4400	B2XPN6		98.847
566045.1	135048.5	132.457	299-W18-41	7/8/2014 13:15	204.756	36700	B2X8N0		72.299
566045.1	135048.5	126.514	299-W18-41	7/10/2014 11:30	204.756	38500	B2X8P0		78.242
566045.1	135048.5	120.479	299-W18-41	7/11/2014 11:18	204.756	83700	B2X8P5		84.277
566045.1	135048.5	110.969	299-W18-41	7/18/2014 8:30	204.756	76100	B2X8R0		93.787
566045.1	135048.5	105.147	299-W18-41	8/6/2014 11:50	204.756	72600	B2X8R5		99.609
566045.1	135048.5	99.056	299-W18-41	8/11/2014 11:00	204.756	68200	B2X8T0		105.7
566045.1	135048.5	92.956	299-W18-41	8/12/2014 10:05	204.756	25200	B2X8T5		111.8
566045.1	135048.5	86.736	299-W18-41	8/13/2014 11:40	204.756	25700	B2X8V5		118.02
566045.1	135048.5	80.546	299-W18-41	8/15/2014 8:15	204.756	52700	B2X8W0		124.21
566045.1	135048.5	75.096	299-W18-41	8/21/2014 11:25	204.756	33900	B2X8W5		129.66
566045.1	135048.5	56.656	299-W18-41	9/2/2014 14:45	204.756	292	B2X8X0		148.1
566045.1	135048.5	52.816	299-W18-41	10/20/2014 11:20	204.756	37600	B2XBR8		151.94
566045.1	135048.5	45.656	299-W18-41	10/21/2014 10:20	204.756	26100	B2XBT3		159.1
567313	135547	124.278	299-W19-111	7/29/2015 13:00	214.261	2470	B31DK3		89.9831
567313	135547	118.212	299-W19-111	7/30/2015 10:37	214.261	2690	B31DK8		96.0486
567313	135547	112.144	299-W19-111	8/3/2015 12:05	214.261	3720	B31DL8		102.117
567313	135547	105.99	299-W19-111	8/4/2015 9:58	214.261	7530	B31DM3		108.271

Depth-discrete data used in 3D plume generation for nitrate

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Nitrate (ug/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
567313	135547	100.111	299-W19-111	8/5/2015 7:39	214.261	7530	B31DM8		114.15
567313	135547	94.021	299-W19-111	8/5/2015 13:10	214.261	7970	B31DN3		120.24
567313	135547	87.921	299-W19-111	8/6/2015 13:51	214.261	15900	B31DN8		126.34
567689.6	135008.2	127.057	299-W19-113	8/5/2014 10:05	214.537	1250000	B2XB95		87.48
567689.6	135008.2	121.39	299-W19-113	11/11/2014 14:20	214.537	633000	B2XB99		93.147
567689.6	135008.2	115.386	299-W19-113	11/17/2014 14:05	214.537	166000	B2XBB3		99.151
567689.6	135008.2	109.197	299-W19-113	11/20/2014 12:05	214.537	27000	B2XBB7		105.34
567901.9	135013.2	126.804	299-W19-114	9/18/2014 14:42	213.674	68200	B2XBD3		86.87
567901.9	135013.2	122.386	299-W19-114	9/22/2014 9:06	213.674	660000	B2XBD8		91.288
567901.9	135013.2	116.29	299-W19-114	9/23/2014 12:46	213.674	549000	B2XBF2		97.384
567901.9	135013.2	110.074	299-W19-114	9/24/2014 12:31	213.674	677000	B2XBF7		103.6
567901.9	135013.2	103.884	299-W19-114	9/25/2014 12:12	213.674	203000	B2Y5R5		109.79
567901.9	135013.2	94.774	299-W19-114	10/9/2014 11:15	213.674	30500	B2YDY2		118.9
568510	135090	117.769	299-W19-116	1/26/2016 13:25	217.5	115000	B348D0		99.731
568510	135090	108.44	299-W19-116	1/27/2016 14:39	217.5	102000	B348D6		109.06
568510	135090	99.63	299-W19-116	2/1/2016 13:30	217.5	102000	B348F2		117.87
568510	135090	93.48	299-W19-116	2/2/2016 12:28	217.5	66400	B348F8		124.02
568510	135090	84.45	299-W19-116	2/3/2016 14:51	217.5	57500	B348H4		133.05
568510	135090	79.55	299-W19-116	2/4/2016 12:41	217.5	57500	B34HP7		137.95
568571	133988	129.186	299-W21-3	2/29/2016 11:46	212	26600	B349K9		82.814
568571	133988	115.747	299-W21-3	3/2/2016 9:45	212	20800	B349L5		96.2528
568571	133988	109.441	299-W21-3	3/2/2016 15:30	212	21700	B349M1		102.559
568571	133988	100.2	299-W21-3	3/8/2016 11:45	212	22600	B349M7		111.8
568571	133988	91.42	299-W21-3	3/9/2016 9:40	212	18600	B349N3		120.58
568571	133988	85.23	299-W21-3	3/9/2016 14:35	212	16800	B349N9		126.77
566906.8	134031.7	127.127	299-W22-89	6/10/2010 14:56	205.457	7920	B24CM8		78.33
566906.8	134031.7	124.045	299-W22-89	6/11/2010 10:05	205.457	8190	B24CN5		81.412
566906.8	134031.7	116.303	299-W22-89	6/11/2010 14:20	205.457	1450	B24CN9		89.154
566906.8	134031.7	109.902	299-W22-89	6/14/2010 9:13	205.457	2900	B24CP3		95.555
566906.8	134031.7	104.077	299-W22-89	6/14/2010 13:32	205.457	1570	B24CP7		101.38
566961.4	134483.2	130.47	299-W22-90	10/24/2011 10:11	207.07	254000	B2CP06		76.6
566961.4	134483.2	117.87	299-W22-90	10/31/2011 11:27	207.07	4430	B2CP08		89.2
566961.4	134483.2	123.97	299-W22-90	10/26/2011 12:35	207.07	14600	B2CP07		83.1
566961.4	134483.2	111.97	299-W22-90	11/3/2011 9:36	207.07	2170	B2CP09		95.1
566911.8	134134.5	130.94	299-W22-91	9/7/2011 8:45	204.4	77000	B2CPD3		73.46
566911.8	134134.5	124.24	299-W22-91	9/14/2011 10:30	204.4	226000	B2CPD4		80.16
566911.8	134134.5	118.02	299-W22-91	9/16/2011 11:10	204.4	24300	B2CPD5		86.38
566911.8	134134.5	112.289	299-W22-91	9/21/2011 10:25	204.4	850	B2CPD6		92.111
567167.8	134029.8	130.912	299-W22-92	6/15/2011 8:25	205.558	54000	B2CT10		74.646
567167.8	134029.8	124.725	299-W22-92	7/1/2011 12:18	205.558	69100	B2CT11		80.833
567167.8	134029.8	118.998	299-W22-92	7/11/2011 8:35	205.558	18200	B2CT12		86.56
567167.8	134029.8	112.288	299-W22-92	7/18/2011 10:00	205.558	41300	B2CT13		93.27
567009.8	134429.8	127.372	299-W22-94	8/27/2013 15:28	207.291	30600	B2R1P9		79.919

Depth-discrete data used in 3D plume generation for nitrate

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Nitrate (ug/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
567009.8	134429.8	121.063	299-W22-94	9/3/2013 9:47	207.291	1470	B2R1R1		86.228
567009.8	134429.8	114.784	299-W22-94	9/10/2013 8:40	207.291	1120	B2R1R2		92.507
567009.8	134429.8	108.932	299-W22-94	9/12/2013 14:15	207.291	1130	B2R1R3		98.359
567170.5	134549.1	129.589	299-W22-95	8/20/2013 14:33	208.264	37500	B2PW19		78.675
567170.5	134549.1	127.355	299-W22-95	8/26/2013 12:00	208.264	20100	B2PW23		80.9092
567170.5	134549.1	118.217	299-W22-95	9/3/2013 11:36	208.264	8370	B2PW27		90.0471
567170.5	134549.1	111.399	299-W22-95	9/9/2013 13:40	208.264	1130	B2PW31		96.865
567351.9	134145.6	130.781	299-W22-96	5/23/2011 13:46	208.501	24700	B2CTV2		77.72
567351.9	134145.6	124.864	299-W22-96	5/26/2011 9:28	208.501	6060	B2CTV3		83.637
566798.7	134128.2	130.182	299-W23-236	4/15/2015 13:15	199.89	7750	B31358		69.708
566798.7	134128.2	120.215	299-W23-236	4/16/2015 13:00	199.89	7880	B31360		79.675
568175.4	137621.1	123.651	299-W5-2	9/28/2015 14:13	217.115	239000	B31CX4		93.4639
568175.4	137621.1	118.793	299-W5-2	9/30/2015 7:50	217.115	620000	B31CX9		98.3224
568175.4	137621.1	111.42	299-W5-2	9/30/2015 13:49	217.115	443000	B31CY4		105.695
568175.4	137621.1	108.275	299-W5-2	10/1/2015 8:58	217.115	708000	B31CY9		108.84
568175.4	137621.1	101.745	299-W5-2	10/1/2015 13:44	217.115	97400	B31D04		115.37
568175.4	137621.1	93.226	299-W5-2	10/6/2015 9:09	217.115	753000	B31D09		123.889
568175.4	137621.1	86.981	299-W5-2	10/6/2015 14:35	217.115	708000	B31D15		130.134
568175.4	137621.1	81.202	299-W5-2	10/7/2015 12:57	217.115	664000	B31D25		135.913
567313.3	137630.6	130.244	299-W6-13	7/27/2011 8:45	216.804	76100	B2BJ54		86.56
567313.3	137630.6	124.144	299-W6-13	7/27/2011 12:35	216.804	100000	B2BJ55		92.66
567313.3	137630.6	118.044	299-W6-13	8/1/2011 9:50	216.804	152000	B2BJ68		98.76
567313.3	137630.6	111.904	299-W6-13	8/2/2011 8:15	216.804	279000	B2BJ58		104.9
567313.3	137630.6	105.904	299-W6-13	8/2/2011 14:00	216.804	270000	B2BJ59		110.9
567313.3	137630.6	99.804	299-W6-13	8/3/2011 8:50	216.804	442000	B2BJ60		117
567313.3	137630.6	93.704	299-W6-13	8/3/2011 12:50	216.804	500000	B2BJ61		123.1
567313.3	137630.6	87.604	299-W6-13	8/4/2011 7:58	216.804	395000	B2BJ62		129.2
567313.3	137630.6	81.504	299-W6-13	8/4/2011 10:55	216.804	452000	B2BJ63		135.3
566939.6	137388.9	125.554	299-W6-14	4/26/2011 8:05	212.114	103000	B2BLH1		86.56
566939.6	137388.9	119.764	299-W6-14	4/26/2011 13:20	212.114	106000	B2BLH2		92.35
566939.6	137388.9	113.354	299-W6-14	4/28/2011 12:36	212.114	65500	B2BLH3		98.76
566939.6	137388.9	107.214	299-W6-14	4/29/2011 9:07	212.114	100000	B2BLH4		104.9
566939.6	137388.9	101.214	299-W6-14	5/3/2011 12:43	212.114	77500	B2BLH5		110.9
566939.6	137388.9	95.114	299-W6-14	5/4/2011 9:45	212.114	85900	B2BLH6		117
566939.6	137388.9	89.014	299-W6-14	5/4/2011 14:30	212.114	107000	B2BLH7		123.1
566939.6	137388.9	82.914	299-W6-14	5/6/2011 12:08	212.114	104000	B2BLH8		129.2
566939.6	137388.9	77.414	299-W6-14	5/10/2011 10:30	212.114	101000	B2DW60		134.7
566939.6	137388.9	71.314	299-W6-14	5/12/2011 14:12	212.114	97400	B2DVV9		140.8
566939.6	137388.9	67.614	299-W6-14	5/17/2011 8:37	212.114	98700	B2DVW2		144.5
567781.7	137076.4	123.112	299-W6-15	4/10/2014 9:03	220.952	289000	B2V623		97.84
567781.7	137076.4	110.952	299-W6-15	4/10/2014 9:31	220.952	395000	B2V624		110
567781.7	137076.4	92.652	299-W6-15	4/10/2014 9:46	220.952	289000	B2V625		128.3
567781.7	137076.4	86.552	299-W6-15	4/10/2014 10:21	220.952	216000	B2V626		134.4

Depth-discrete data used in 3D plume generation for nitrate

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Nitrate (ug/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
567781.7	137076.4	81.052	299-W6-15	4/10/2014 10:28	220.952	169000	B2V627		139.9
570189.6	135318.8	122.726	699-38-64	9/26/2014 8:46	230.776	212000	B2XBM9		108.05
570189.6	135318.8	116.236	699-38-64	10/3/2014 9:54	230.776	343000	B2XBN4		114.54
570189.6	135318.8	91.326	699-38-64	10/13/2014 12:47	230.776	46500	B2XBP3		139.45
570189.6	135318.8	85.446	699-38-64	10/15/2014 10:24	230.776	40300	B2XBP8		145.33
570189.6	135318.8	78.836	699-38-64	10/20/2014 11:20	230.776	37200	B2XBR3		151.94
570189.6	135318.8	66.476	699-38-64	10/23/2014 9:25	230.776	25200	B2XBT8		164.3
569420.3	135815.7	124.238	699-40-67	3/11/2014 15:25	228.738	113000	B2W2C3		104.5
569420.3	135815.7	118.828	699-40-67	3/13/2014 9:00	228.738	97400	B2W2C7		109.91
569420.3	135815.7	98.828	699-40-67	3/25/2014 12:41	228.738	28700	B2W2D1		129.91
569420.3	135815.7	92.648	699-40-67	3/26/2014 10:27	228.738	29900	B2W2D9		136.09
569420.3	135815.7	86.948	699-40-67	3/27/2014 10:00	228.738	35600	B2W2F3		141.79
569420.3	135815.7	80.328	699-40-67	3/31/2014 15:20	228.738	31300	B2W2F7		148.41
569420.3	135815.7	74.538	699-40-67	4/1/2014 13:37	228.738	28300	B2W2H1		154.2
569420.3	135815.7	67.319	699-40-67	4/8/2014 9:25	228.738	14800	B2W2H9		161.419
569390.3	136199.8	125.425	699-42-67	10/17/2011 10:40	228.265	107000	B2BTH7		102.84
569390.3	136199.8	119.175	699-42-67	10/18/2011 10:18	228.265	136000	B2BTH8		109.09
569390.3	136199.8	113.205	699-42-67	10/19/2011 8:33	228.265	127000	B2BTH9		115.06
569390.3	136199.8	100.865	699-42-67	11/15/2011 8:10	228.265	28300	B2BTJ0		127.4
569390.3	136199.8	95.365	699-42-67	11/16/2011 8:45	228.265	26100	B2BTJ1		132.9
569390.3	136199.8	88.965	699-42-67	11/17/2011 10:03	228.265	28300	B2BTJ2		139.3
569390.3	136199.8	82.565	699-42-67	11/21/2011 10:45	228.265	26100	B2JD76		145.7
569390.3	136199.8	76.465	699-42-67	11/22/2011 9:20	228.265	27000	B2JD88		151.8
569390.3	136199.8	71.445	699-42-67	11/28/2011 12:26	228.265	25700	B2JD96		156.82
569369.9	136560.4	127.332	699-43-67	6/30/2010 8:13	227.302	4470	B24JR2		99.97
569369.9	136560.4	121.602	699-43-67	7/1/2010 11:32	227.302	70800	B24JR3		105.7
569369.9	136560.4	102.602	699-43-67	7/8/2010 10:11	227.302	54000	B24JR4		124.7
569369.9	136560.4	96.502	699-43-67	7/28/2010 9:15	227.302	33200	B24JR5		130.8
569369.9	136560.4	91.102	699-43-67	7/28/2010 14:10	227.302	31700	B24JR6		136.2
569369.9	136560.4	84.002	699-43-67	8/2/2010 14:41	227.302	31900	B24JR7		143.3
569338	136894.3	124.495	699-44-67	10/25/2011 10:30	224.165	30100	B2BPJ0		99.67
569338	136894.3	109.865	699-44-67	11/3/2011 8:10	224.165	38500	B2BTD2		114.3
569338	136894.3	103.465	699-44-67	11/4/2011 8:28	224.165	42900	B2BPJ2		120.7
569338	136894.3	97.365	699-44-67	11/7/2011 9:36	224.165	41600	B2BPJ3		126.8
569338	136894.3	91.265	699-44-67	11/8/2011 9:00	224.165	39800	B2BPJ4		132.9
569338	136894.3	84.715	699-44-67	11/9/2011 8:25	224.165	41600	B2J9D9		139.45
569338	136894.3	80.565	699-44-67	11/10/2011 8:35	224.165	39800	B2J9D7		143.6
569257	137263	125.591	699-45-67	7/15/2010 13:00	219.771	38200	B24JP5		94.18
569257	137263	120.711	699-45-67	7/16/2010 11:26	219.771	39700	B24JP6		99.06
569257	137263	103.921	699-45-67	7/22/2010 13:19	219.771	127000	B24JJ8		115.85
569257	137263	97.871	699-45-67	7/23/2010 11:47	219.771	116000	B24JP8		121.9
569257	137263	92.071	699-45-67	7/27/2010 13:08	219.771	45600	B24JP9		127.7
568947.1	137233.8	124.74	699-45-69C	8/10/2007 12:25	221.67	57100	B1P0X0		96.93

Depth-discrete data used in 3D plume generation for nitrate

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Nitrate (ug/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
568947.1	137233.8	122.31	699-45-69C	8/15/2007 11:25	221.67	57500	B1P0X1		99.36
568947.1	137233.8	110.07	699-45-69C	8/31/2007 11:40	221.67	196000	B1PK67		111.6
568947.1	137233.8	102.77	699-45-69C	9/6/2007 11:00	221.67	197000	B1P108		118.9
568947.1	137233.8	90.87	699-45-69C	9/12/2007 13:00	221.67	154000	B1P109	129.8	130.8
568947.1	137233.8	83.57	699-45-69C	10/1/2007 11:55	221.67	176000	B1P110	135.9	138.1
569109.8	137600.9	124.921	699-46-68	2/27/2014 10:08	217.062	30900	B2W217		92.141
569109.8	137600.9	105.902	699-46-68	3/4/2014 9:49	217.062	213000	B2W221		111.16
569109.8	137600.9	98.762	699-46-68	4/7/2014 10:48	217.062	248000	B2W229		118.3
569109.8	137600.9	91.762	699-46-68	4/10/2014 8:42	217.062	245000	B2W233		125.3
569109.8	137600.9	83.862	699-46-68	4/16/2014 13:22	217.062	240000	B2WJ53		133.2
568829.7	137966.5	124.22	699-49-69	5/29/2014 9:00	211.09	165000	B2W346		86.87
568829.7	137966.5	118.288	699-49-69	5/29/2014 14:50	211.09	174000	B2W350		92.8025
568829.7	137966.5	110.79	699-49-69	6/2/2014 14:46	211.09	184000	B2W358		100.3
568829.7	137966.5	105.94	699-49-69	6/3/2014 14:25	211.09	186000	B2W362		105.15
568829.7	137966.5	99.875	699-49-69	6/4/2014 13:50	211.09	190000	B2W366		111.215
568829.7	137966.5	93.8	699-49-69	6/5/2014 14:30	211.09	131000	B2W374		117.29
568829.7	137966.5	87.53	699-49-69	6/9/2014 14:30	211.09	122000	B2W378		123.56
568510	135090	126.9744	299-W19-116	1/21/2016 13:43	217.5	97400	B348C4		90.5256
566266.4	566266.4	130.42	299-W10-31	5/1/2006 14:41	209.67	32000	B1J2L8		79.25
566266.4	566266.4	124.33	299-W10-31	5/2/2006 12:28	209.67	33000	B1J2L9		85.34
566912.3	566912.3	133.55	299-W11-25B	2/7/2005 10:55	209.75	1080000	B1BW98		76.2
566912.3	566912.3	130.5	299-W11-25B	2/8/2005 8:00	209.75	1650000	B1BWD1		79.25
566912.3	566912.3	128.98	299-W11-25B	2/8/2005 9:56	209.75	2430000	B1BWB0		80.77
566912.3	566912.3	127.45	299-W11-25B	2/8/2005 10:15	209.75	2590000	B1BWB1		82.3
566912.3	566912.3	125.93	299-W11-25B	2/8/2005 10:25	209.75	2940000	B1BWB2		83.82
566912.3	566912.3	124.71	299-W11-25B	2/8/2005 13:15	209.75	2520000	B1BWD4		85.04
566912.3	566912.3	122.88	299-W11-25B	2/9/2005 14:19	209.75	2570000	B1BWB3		86.87
566912.3	566912.3	121.36	299-W11-25B	2/14/2005 8:10	209.75	1790000	B1BWB4		88.39
566912.3	566912.3	119.83	299-W11-25B	2/14/2005 8:18	209.75	1810000	B1BWB5		89.92
566912.3	566912.3	118.01	299-W11-25B	2/16/2005 9:00	209.75	1890000	B1BWD7		91.74
566912.3	566912.3	116.79	299-W11-25B	2/17/2005 11:38	209.75	1790000	B1BWB6		92.96
566912.3	566912.3	115.26	299-W11-25B	2/17/2005 12:02	209.75	1570000	B1BWC0		94.49
566912.3	566912.3	113.74	299-W11-25B	2/17/2005 12:08	209.75	1680000	B1BWC1		96.01
566912.3	566912.3	111.91	299-W11-25B	2/17/2005 14:31	209.75	1790000	B1BWF0		97.84
566912.3	566912.3	110.69	299-W11-25B	2/18/2005 8:35	209.75	1810000	B1BWC5		99.06
566912.3	566912.3	109.15	299-W11-25B	2/22/2005 11:50	209.75	1800000	B1BWC6		100.6
566912.3	566912.3	107.65	299-W11-25B	2/22/2005 12:40	209.75	1770000	B1BWC7		102.1
566912.3	566912.3	106.15	299-W11-25B	2/23/2005 11:30	209.75	1840000	B1BWB7		103.6
566912.3	566912.3	104.55	299-W11-25B	2/23/2005 13:25	209.75	1740000	B1BWC8		105.2
566912.3	566912.3	103.05	299-W11-25B	2/23/2005 15:15	209.75	1850000	B1BWC9		106.7
566912.3	566912.3	101.55	299-W11-25B	2/23/2005 15:25	209.75	1660000	B1BWD0		108.2
566912.3	566912.3	100.05	299-W11-25B	2/24/2005 8:00	209.75	1810000	B1BWC2		109.7
566912.3	566912.3	98.45	299-W11-25B	3/3/2005 13:25	209.75	1740000	B1BW91		111.3

Depth-discrete data used in 3D plume generation for nitrate

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Nitrate (ug/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566912.3	566912.3	96.95	299-W11-25B	3/4/2005 8:03	209.75	1800000	B1BW93		112.8
566912.3	566912.3	95.45	299-W11-25B	3/4/2005 9:15	209.75	1390000	B1BW95		114.3
566912.3	566912.3	93.95	299-W11-25B	3/4/2005 13:10	209.75	1480000	B1BWB8		115.8
566912.3	566912.3	92.45	299-W11-25B	3/4/2005 14:55	209.75	1220000	B1BWC3		117.3
566912.3	566912.3	90.85	299-W11-25B	3/4/2005 15:10	209.75	1150000	B1BWD2		118.9
566912.3	566912.3	89.35	299-W11-25B	3/7/2005 11:20	209.75	1620000	B1BWD5		120.4
566912.3	566912.3	87.85	299-W11-25B	3/7/2005 15:15	209.75	1640000	B1BWD8		121.9
566912.3	566912.3	86.35	299-W11-25B	3/8/2005 11:20	209.75	1170000	B1BWF1		123.4
566912.3	566912.3	85.05	299-W11-25B	3/8/2005 14:45	209.75	1660000	B1BWX7		124.7
567269.7	567269.7	125.9	299-W11-43	6/1/2005 12:10	216.73	336000	B1D7K5		90.83
567269.7	567269.7	116.76	299-W11-43	6/7/2005 10:50	216.73	320000	B1D7M2		99.97
567269.7	567269.7	105.83	299-W11-43	6/9/2005 12:20	216.73	303000	B1D7K1		110.9
567269.7	567269.7	89.33	299-W11-43	6/16/2005 11:15	216.73	363000	B1D7K2		127.4
567269.7	567269.7	79.83	299-W11-43	6/21/2005 10:30	216.73	323000	B1D7K3		136.9
566992.8	566992.8	133.784	299-W11-45	9/26/2005 9:00	212.88	1880000	B1DN10		79.096
566992.8	566992.8	132.72	299-W11-45	9/29/2005 8:00	212.88	1660000	B1DWY0		80.16
566992.8	566992.8	131.19	299-W11-45	9/29/2005 13:20	212.88	1810000	B1DN12		81.69
566992.8	566992.8	129.36	299-W11-45	10/4/2005 8:00	212.88	1590000	B1DN13		83.52
566992.8	566992.8	128.15	299-W11-45	10/6/2005 8:45	212.88	2360000	B1DN04		84.73
566992.8	566992.8	126.62	299-W11-45	10/7/2005 11:05	212.88	2640000	B1DN46		86.26
566992.8	566992.8	125.1	299-W11-45	10/11/2005 7:30	212.88	1780000	B1DN16		87.78
566992.8	566992.8	123.57	299-W11-45	10/11/2005 10:25	212.88	2740000	B1DN17		89.31
566992.8	566992.8	123.27	299-W11-45	10/11/2005 14:15	212.88	2730000	B1DN47		89.61
566992.8	566992.8	122.05	299-W11-45	10/12/2005 10:35	212.88	2560000	B1DN18		90.83
566992.8	566992.8	120.53	299-W11-45	10/13/2005 8:45	212.88	2120000	B1DN48		92.35
566992.8	566992.8	118.7	299-W11-45	10/17/2005 8:50	212.88	1990000	B1DN20		94.18
566992.8	566992.8	117.17	299-W11-45	10/17/2005 15:20	212.88	2360000	B1DN49		95.71
566992.8	566992.8	115.95	299-W11-45	10/18/2005 10:10	212.88	2280000	B1DN22		96.93
566992.8	566992.8	114.43	299-W11-45	10/18/2005 15:40	212.88	2390000	B1DN23		98.45
566992.8	566992.8	112.91	299-W11-45	10/19/2005 10:35	212.88	2210000	B1DN24		99.97
566992.8	566992.8	111.38	299-W11-45	10/20/2005 8:00	212.88	2240000	B1DN50		101.5
566992.8	566992.8	109.88	299-W11-45	10/20/2005 14:15	212.88	2180000	B1DN26		103
566992.8	566992.8	108.38	299-W11-45	10/21/2005 10:50	212.88	1970000	B1DN27		104.5
566992.8	566992.8	106.78	299-W11-45	10/25/2005 12:40	212.88	2060000	B1DN28		106.1
566992.8	566992.8	105.58	299-W11-45	10/26/2005 8:55	212.88	1670000	B1DN51		107.3
566992.8	566992.8	103.78	299-W11-45	10/26/2005 13:55	212.88	1800000	B1DN30		109.1
566992.8	566992.8	102.28	299-W11-45	10/27/2005 10:05	212.88	1780000	B1DN31		110.6
566992.8	566992.8	100.68	299-W11-45	10/27/2005 14:50	212.88	1760000	B1DN32		112.2
566992.8	566992.8	99.18	299-W11-45	10/28/2005 11:45	212.88	1140000	B1DN52		113.7
566992.8	566992.8	96.18	299-W11-45	10/31/2005 13:45	212.88	823000	B1DN35		116.7
566992.8	566992.8	94.58	299-W11-45	11/1/2005 8:55	212.88	1020000	B1DN36		118.3
566992.8	566992.8	93.08	299-W11-45	11/1/2005 15:35	212.88	1550000	B1DN53		119.8
566992.8	566992.8	91.58	299-W11-45	11/2/2005 10:35	212.88	1700000	B1DN38		121.3

Depth-discrete data used in 3D plume generation for nitrate

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Nitrate (ug/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566992.8	566992.8	90.08	299-W11-45	11/3/2005 10:15	212.88	1250000	B1DN39		122.8
566992.8	566992.8	88.48	299-W11-45	11/3/2005 15:25	212.88	1510000	B1DN40		124.4
566992.8	566992.8	86.98	299-W11-45	11/7/2005 11:15	212.88	872000	B1DN54		125.9
566992.8	566992.8	85.48	299-W11-45	11/8/2005 7:10	212.88	1140000	B1DN42		127.4
566992.8	566992.8	83.98	299-W11-45	11/9/2005 8:00	212.88	815000	B1DN43		128.9
566933.8	566933.8	134.527	299-W11-47	2/10/2006 7:50	209.66	26700	B1FN90		75.133
566933.8	566933.8	131.63	299-W11-47	2/10/2006 8:10	209.66	1880000	B1FML5		78.03
566933.8	566933.8	131.02	299-W11-47	2/13/2006 11:00	209.66	1450000	B1FN36		78.64
566933.8	566933.8	128.89	299-W11-47	2/13/2006 15:55	209.66	3260000	B1FMM5		80.77
566933.8	566933.8	126.45	299-W11-47	2/14/2006 10:25	209.66	3650000	B1FMN7		83.21
566933.8	566933.8	125.23	299-W11-47	2/21/2006 11:50	209.66	3820000	B1FMP4		84.43
566933.8	566933.8	124.01	299-W11-47	2/22/2006 11:10	209.66	2970000	B1FMR0		85.65
566933.8	566933.8	122.79	299-W11-47	2/23/2006 15:40	209.66	2310000	B1FN30		86.87
566933.8	566933.8	120.96	299-W11-47	2/27/2006 8:45	209.66	2390000	B1FMN4		88.7
566933.8	566933.8	119.44	299-W11-47	2/28/2006 14:00	209.66	2700000	B1FN43		90.22
566933.8	566933.8	118.22	299-W11-47	3/2/2006 8:55	209.66	2110000	B1FN49		91.44
566933.8	566933.8	116.7	299-W11-47	3/3/2006 8:30	209.66	1850000	B1FN56		92.96
566933.8	566933.8	115.17	299-W11-47	3/3/2006 13:40	209.66	1770000	B1FN62		94.49
566933.8	566933.8	113.65	299-W11-47	3/6/2006 7:50	209.66	1540000	B1FN65		96.01
566933.8	566933.8	112.12	299-W11-47	3/6/2006 9:15	209.66	1310000	B1FN68		97.54
566933.8	566933.8	110.6	299-W11-47	3/6/2006 15:05	209.66	2140000	B1FN84		99.06
566933.8	566933.8	109.06	299-W11-47	3/7/2006 10:24	209.66	1590000	B1FN80		100.6
566933.8	566933.8	107.56	299-W11-47	3/7/2006 13:25	209.66	1540000	B1FN77		102.1
566933.8	566933.8	106.06	299-W11-47	3/7/2006 14:30	209.66	1650000	B1FN74		103.6
566933.8	566933.8	104.46	299-W11-47	3/8/2006 10:20	209.66	1890000	B1FMV9		105.2
566933.8	566933.8	102.96	299-W11-47	3/8/2006 15:00	209.66	1830000	B1FMV5		106.7
566933.8	566933.8	101.46	299-W11-47	3/9/2006 8:30	209.66	1730000	B1FMV2		108.2
566933.8	566933.8	99.96	299-W11-47	3/9/2006 11:15	209.66	1650000	B1FMT9		109.7
566933.8	566933.8	98.36	299-W11-47	3/10/2006 8:45	209.66	1120000	B1FMT0		111.3
566933.8	566933.8	96.56	299-W11-47	3/10/2006 14:40	209.66	1270000	B1FMR6		113.1
566933.8	566933.8	95.36	299-W11-47	3/13/2006 7:45	209.66	1100000	B1FMR3		114.3
566933.8	566933.8	93.86	299-W11-47	3/13/2006 9:20	209.66	1080000	B1FN16		115.8
566933.8	566933.8	92.36	299-W11-47	3/14/2006 7:38	209.66	432000	B1FN07		117.3
566933.8	566933.8	90.76	299-W11-47	3/15/2006 11:15	209.66	668000	B1FN03		118.9
566933.8	566933.8	89.26	299-W11-47	3/15/2006 15:10	209.66	1060000	B1FN00		120.4
566933.8	566933.8	87.76	299-W11-47	3/16/2006 9:00	209.66	1000000	B1FMY7		121.9
568143.5	568143.5	126.97	299-W11-86	6/30/2006 10:01	222.68	75000	B1JFV7	95.1	95.71
568143.5	568143.5	119.98	299-W11-86	7/7/2006 7:50	222.68	71700	B1JFV8	101.65	102.7
568143.5	568143.5	111.38	299-W11-86	7/10/2006 16:27	222.68	61000	B1JFV9	110.3	111.3
568143.5	568143.5	106.28	299-W11-86	7/12/2006 14:30	222.68	54000	B1JFW0	116.28	116.4
568143.5	568143.5	97.08	299-W11-86	7/17/2006 11:10	222.68	80000	B1JFW1		125.6
568143.5	568143.5	89.48	299-W11-86	7/25/2006 11:15	222.68	67700	B1JFW2		133.2
568143.5	568143.5	81.58	299-W11-86	7/31/2006 11:15	222.68	108000	B1JFW3		141.1

Depth-discrete data used in 3D plume generation for nitrate

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Nitrate (ug/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
568143.5	568143.5	73.68	299-W11-86	8/4/2006 9:30	222.68	104000	B1JFW4	148.4	149
566901.7	566901.7	135.19	299-W14-11	4/15/2005 11:10	204.38	2670000	B1BWF3		69.19
566901.7	566901.7	132.75	299-W14-11	4/15/2005 12:50	204.38	3630000	B1BWW9		71.63
566901.7	566901.7	131.23	299-W14-11	4/15/2005 13:45	204.38	2280000	B1BWX3		73.15
566901.7	566901.7	129.7	299-W14-11	4/15/2005 15:10	204.38	2200000	B1BWX8		74.68
566901.7	566901.7	129.09	299-W14-11	4/18/2005 10:45	204.38	1610000	B1CL02		75.29
566901.7	566901.7	126.66	299-W14-11	4/18/2005 11:05	204.38	1500000	B1BWY6		77.72
566901.7	566901.7	128.18	299-W14-11	4/18/2005 12:37	204.38	1970000	B1BWY3		76.2
566901.7	566901.7	125.13	299-W14-11	4/19/2005 14:05	204.38	1200000	B1BX02		79.25
566901.7	566901.7	123.61	299-W14-11	4/19/2005 14:10	204.38	934000	B1BX08		80.77
566901.7	566901.7	123	299-W14-11	4/20/2005 7:37	204.38	841000	B1CL07		81.38
566901.7	566901.7	122.08	299-W14-11	4/20/2005 10:08	204.38	713000	B1CDV2		82.3
566901.7	566901.7	120.56	299-W14-11	4/20/2005 10:54	204.38	717000	B1CKT3		83.82
566901.7	566901.7	119.04	299-W14-11	4/20/2005 10:58	204.38	801000	B1CKT6		85.34
566901.7	566901.7	117.51	299-W14-11	4/20/2005 11:15	204.38	500000	B1CKV5		86.87
566901.7	566901.7	116.9	299-W14-11	4/20/2005 13:45	204.38	549000	B1CL12		87.48
566901.7	566901.7	115.99	299-W14-11	4/21/2005 13:08	204.38	651000	B1CKW0		88.39
566901.7	566901.7	114.46	299-W14-11	4/21/2005 13:13	204.38	748000	B1CKW9		89.92
566901.7	566901.7	112.94	299-W14-11	4/22/2005 12:05	204.38	664000	B1CKX3		91.44
566901.7	566901.7	111.42	299-W14-11	4/22/2005 15:17	204.38	615000	B1CKX7		92.96
566901.7	566901.7	110.81	299-W14-11	4/25/2005 11:21	204.38	540000	B1CL18		93.57
566901.7	566901.7	109.89	299-W14-11	4/25/2005 13:20	204.38	615000	B1CKY1		94.49
566901.7	566901.7	108.37	299-W14-11	4/25/2005 15:30	204.38	713000	B1CKY4		96.01
566901.7	566901.7	106.84	299-W14-11	4/25/2005 15:34	204.38	815000	B1CKY8		97.54
566901.7	566901.7	105.32	299-W14-11	4/26/2005 6:57	204.38	881000	B1CL24		99.06
566901.7	566901.7	104.71	299-W14-11	4/26/2005 9:03	204.38	788000	B1CKV0		99.67
566901.7	566901.7	103.78	299-W14-11	4/27/2005 7:40	204.38	885000	B1CL28		100.6
566901.7	566901.7	102.28	299-W14-11	4/27/2005 8:00	204.38	1020000	B1CL32		102.1
566901.7	566901.7	100.78	299-W14-11	4/27/2005 9:40	204.38	1110000	B1CL36		103.6
566901.7	566901.7	99.18	299-W14-11	4/27/2005 10:07	204.38	1080000	B1CL40		105.2
566901.7	566901.7	98.58	299-W14-11	4/27/2005 11:40	204.38	1050000	B1CKW3		105.8
566901.7	566901.7	137.934	299-W14-13	10/9/2002 9:30	204.35	823000	B15MJ2		66.416
566901.7	566901.7	134.947	299-W14-13	10/9/2002 9:30	204.35	527000	B15MJ4		69.403
566901.7	566901.7	133.423	299-W14-13	10/9/2002 9:30	204.35	505000	B15MJ5		70.927
566901.7	566901.7	131.93	299-W14-13	10/9/2002 9:30	204.35	505000	B15MJ6		72.42
566901.7	566901.7	130.436	299-W14-13	10/9/2002 9:30	204.35	505000	B15MJ7		73.914
566901.7	566901.7	136.441	299-W14-13	10/9/2002 9:30	204.35	726000	B15MJ3		67.909
566898.6	566898.6	134.8	299-W14-19	10/28/2002 12:40	204.9	84600	B15P60		70.1
566898.6	566898.6	130.22	299-W14-19	10/28/2002 14:41	204.9	111000	B15P64		74.68
566898.6	566898.6	124.13	299-W14-19	10/28/2002 14:41	204.9	185000	B15P68		80.77
566898.6	566898.6	118.03	299-W14-19	10/29/2002 7:21	204.9	32300	B15P72		86.87
566898.6	566898.6	111.94	299-W14-19	10/29/2002 8:56	204.9	67300	B15P76		92.96
566898.6	566898.6	105.84	299-W14-19	10/29/2002 10:17	204.9	68600	B15P80		99.06

Depth-discrete data used in 3D plume generation for nitrate

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Nitrate (ug/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566898.6	566898.6	100	299-W14-19	10/29/2002 12:04	204.9	102000	B15P84		104.9
566581.8	566581.8	136.091	299-W15-42	1/18/2002 20:41	206.53	95200	B12XL6	70.1	70.439
566581.8	566581.8	120.27	299-W15-42	1/24/2002 20:19	206.53	130000	B12XM1	85.34	86.26
566581.8	566581.8	121.2835	299-W15-42	2/27/2002 14:10	206.53	166000	B12XM2		85.2465
566581.8	566581.8	121.308	299-W15-42	2/27/2002 14:10	206.53	165000	B140B4		85.222
566490.1	566490.1	121.44	299-W15-43	11/11/2002 15:11	206.78	90700	B15WX3		85.34
566490.1	566490.1	115.34	299-W15-43	11/12/2002 8:40	206.78	96900	B15WX6		91.44
566490.1	566490.1	132.1	299-W15-43	11/12/2002 9:00	206.78	80100	B15WW7		74.68
566490.1	566490.1	109.24	299-W15-43	11/12/2002 12:30	206.78	114000	B15WX9		97.54
566490.1	566490.1	100.98	299-W15-43	11/12/2002 15:15	206.78	201000	B15WY2		105.8
566685	566685	135.59	299-W15-44	10/16/2002 8:45	204.17	185000	B15P04		68.58
566685	566685	129.49	299-W15-44	10/16/2002 9:20	204.17	92100	B15P08		74.68
566685	566685	123.4	299-W15-44	10/17/2002 10:15	204.17	74400	B15P11		80.77
566685	566685	117.3	299-W15-44	10/17/2002 10:55	204.17	139000	B15P14		86.87
566685	566685	111.21	299-W15-44	10/17/2002 11:52	204.17	139000	B15P17		92.96
566685	566685	105.11	299-W15-44	10/18/2002 11:35	204.17	123000	B15P20		99.06
566685	566685	99.97	299-W15-44	10/18/2002 11:54	204.17	166000	B15P23		104.2
566752.2	566752.2	133.214	299-W15-46	9/14/2004 9:55	203.47	406000	B1B7X7	69.49	70.256
566752.2	566752.2	131.994	299-W15-46	9/28/2004 13:55	203.47	397000	B17NM6	70.71	71.476
566752.2	566752.2	126.97	299-W15-46	10/6/2004 10:15	203.47	89400	B19NH3		76.5
566752.2	566752.2	124.374	299-W15-46	10/11/2004 8:30	203.47	76100	B1B9Y1	78.33	79.096
566752.2	566752.2	122.09	299-W15-46	10/12/2004 12:00	203.47	93800	B19NH5		81.38
566752.2	566752.2	119.04	299-W15-46	10/14/2004 9:57	203.47	850000	B19NH6		84.43
566752.2	566752.2	113.706	299-W15-46	10/19/2004 10:47	203.47	1050000	B1B9Y2		89.764
566752.2	566752.2	112.182	299-W15-46	10/25/2004 12:05	203.47	801000	B19NH7	90.53	91.288
566752.2	566752.2	106.086	299-W15-46	10/28/2004 10:45	203.47	575000	B19NH8	96.62	97.384
566752.2	566752.2	99.99	299-W15-46	11/2/2004 9:55	203.47	389000	B19NH9	102.7	103.48
566752.2	566752.2	94.67	299-W15-46	11/8/2004 10:25	203.47	167000	B19NJ0		108.8
566752.2	566752.2	91.76	299-W15-46	11/10/2004 7:55	203.47	172000	B1BB03		111.71
566752.2	566752.2	87.8	299-W15-46	11/15/2004 9:15	203.47	121000	B19NJ1	114.9	115.67
566752.2	566752.2	82.47	299-W15-46	11/23/2004 11:15	203.47	77000	B19NJ2		121
566752.2	566752.2	75.17	299-W15-46	11/30/2004 12:44	203.47	62400	B19NJ3	127.86	128.3
566752.2	566752.2	55.79	299-W15-46	1/13/2005 9:25	203.47	88.5	B19NJ5	146.9	147.68
566752.2	566752.2	44.97	299-W15-46	1/26/2005 13:05	203.47	37700	B1B9N2		158.5
566307.2	566307.2	126.08	299-W15-49	12/7/2004 9:30	208.38	74400	B1BJD9		82.3
566307.2	566307.2	115.42	299-W15-49	12/9/2004 20:15	208.38	18600	B1BJF0		92.96
566307.2	566307.2	107.78	299-W15-49	12/10/2004 19:45	208.38	51800	B1BJF1		100.6
566307.2	566307.2	86.18	299-W15-49	12/14/2004 14:20	208.38	50500	B1BJF2		122.2
566307.2	566307.2	75.03	299-W15-49	12/15/2004 13:45	208.38	974	B1BJF5-A		133.35
566307.2	566307.2	74.28	299-W15-49	12/15/2004 21:50	208.38	30500	B1BJF4		134.1
566793.5	566793.5	127.82	299-W15-50	1/25/2005 7:45	202.5	58400	B1BJH6		74.68
566793.5	566793.5	120.81	299-W15-50	1/31/2005 13:35	202.5	78800	B1BJH7		81.69
566793.5	566793.5	115.63	299-W15-50	2/2/2005 8:15	202.5	95600	B1BJH8		86.87

Depth-discrete data used in 3D plume generation for nitrate

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Nitrate (ug/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566793.5	566793.5	105.57	299-W15-50	2/7/2005 8:05	202.5	37600	B1BJH9		96.93
566793.5	566793.5	99.8	299-W15-50	2/9/2005 12:36	202.5	12400	B1BJJ1		102.7
566605.1	566605.1	131.69	299-W18-16	11/22/2004 10:00	207.89	1000000	B1BJC2		76.2
566605.1	566605.1	119.5	299-W18-16	12/1/2004 10:05	207.89	819000	B1BJC3		88.39
566605.1	566605.1	108.83	299-W18-16	12/9/2004 15:10	207.89	660000	B1BJC7		99.06
566605.1	566605.1	108.53	299-W18-16	12/9/2004 15:10	207.89	651000	B1BJC6		99.36
568007.7	568007.7	129.02	299-W19-104	3/28/2006 14:41	216.5	21000	B1H2H4		87.48
568007.7	568007.7	125.06	299-W19-104	3/29/2006 12:45	216.5	41000	B1H2H5		91.44
567997.9	567997.9	119.13	299-W19-107	4/4/2006 11:30	216.67	44000	B1J1W5		97.54
567997.9	567997.9	106.97	299-W19-107	4/5/2006 12:10	216.67	31000	B1H2H6		109.7
567997.9	567997.9	94.77	299-W19-107	4/7/2006 13:15	216.67	16000	B1H2H7		121.9
567997.9	567997.9	86.57	299-W19-107	4/10/2006 12:50	216.67	13000	B1H2H8		130.1
567782.7	567782.7	131.4	299-W19-46	11/19/2002 14:50	213.39	55800	B15P95		81.99
567782.7	567782.7	128.05	299-W19-46	11/19/2002 15:22	213.39	30100	B15P97		85.34
567782.7	567782.7	121.95	299-W19-46	11/20/2002 11:35	213.39	35400	B15P94		91.44
567782.7	567782.7	115.85	299-W19-46	11/20/2002 13:20	213.39	179000	B15P99		97.54
567782.7	567782.7	109.79	299-W19-46	11/20/2002 15:14	213.39	65500	B15P96		103.6
567782.7	567782.7	103.69	299-W19-46	11/21/2002 7:10	213.39	15100	B15PB0		109.7
567782.7	567782.7	98.19	299-W19-46	11/21/2002 9:20	213.39	21200	B15P98		115.2
567822.9	567822.9	123.74	299-W19-48	11/30/2004 11:40	212.13	351000	B19389		88.39
567822.9	567822.9	106.93	299-W19-48	12/9/2004 19:30	212.13	23000	B19390		105.2
567822.9	567822.9	89.63	299-W19-48	12/14/2004 2:15	212.13	17700	B19392		122.5
567822.9	567822.9	82.93	299-W19-48	12/16/2004 8:00	212.13	15900	B19394		129.2
566908.7	566908.7	135.12	299-W22-47	1/5/2005 14:40	205.53	176000	B1BW62		70.41
566908.7	566908.7	133.9	299-W22-47	1/5/2005 14:50	205.53	456000	B1BW64		71.63
566908.7	566908.7	132.38	299-W22-47	1/5/2005 15:10	205.53	469000	B1BW65		73.15
566908.7	566908.7	131.46	299-W22-47	1/6/2005 8:15	205.53	536000	B1BW66		74.07
566908.7	566908.7	129.94	299-W22-47	1/10/2005 12:48	205.53	478000	B1BW86		75.59
566908.7	566908.7	128.42	299-W22-47	1/10/2005 14:22	205.53	491000	B1BW67		77.11
566908.7	566908.7	126.89	299-W22-47	1/11/2005 7:52	205.53	487000	B1BW68		78.64
566908.7	566908.7	125.37	299-W22-47	1/11/2005 14:52	205.53	478000	B1BW69		80.16
566908.7	566908.7	123.54	299-W22-47	1/12/2005 11:28	205.53	483000	B1BW88		81.99
566908.7	566908.7	122.32	299-W22-47	1/12/2005 13:25	205.53	327000	B1BW70		83.21
566908.7	566908.7	120.8	299-W22-47	1/12/2005 13:35	205.53	352000	B1BW71		84.73
566908.7	566908.7	119.27	299-W22-47	1/13/2005 7:53	205.53	400000	B1BW72		86.26
566908.7	566908.7	117.75	299-W22-47	1/13/2005 11:08	205.53	362000	B1BW90		87.78
566908.7	566908.7	116.22	299-W22-47	1/17/2005 12:50	205.53	216000	B1BW73		89.31
566908.7	566908.7	114.7	299-W22-47	1/19/2005 8:38	205.53	338000	B1BW76		90.83
566908.7	566908.7	113.18	299-W22-47	1/19/2005 9:10	205.53	63300	B1BW77		92.35
566908.7	566908.7	111.65	299-W22-47	1/19/2005 11:42	205.53	17800	B1BW92		93.88
566908.7	566908.7	110.13	299-W22-47	1/19/2005 12:50	205.53	29500	B1BW80		95.4
566908.7	566908.7	108.6	299-W22-47	1/19/2005 13:00	205.53	19600	B1BW81		96.93
566908.7	566908.7	107.08	299-W22-47	1/20/2005 7:45	205.53	10700	B1BW82		98.45

Depth-discrete data used in 3D plume generation for nitrate

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Nitrate (ug/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566908.7	566908.7	105.56	299-W22-47	1/20/2005 10:52	205.53	36900	B1BW74		99.97
566908.7	566908.7	104.03	299-W22-47	1/20/2005 12:08	205.53	9690	B1BW83		101.5
566908.7	566908.7	101.03	299-W22-47	1/21/2005 7:37	205.53	6020	B1BW85		104.5
566908.7	566908.7	99.43	299-W22-47	1/21/2005 10:52	205.53	6510	B1BW78		106.1
566908.7	566908.7	102.53	299-W22-47	1/21/2005 12:15	205.53	7750	B1BW84		103
566904.2	566904.2	38.05	299-W22-50	1/12/2000 18:00	204.15	4870	B0WNT1		166.1
567237.4	567237.4	118.95	299-W22-72	2/24/2006 9:05	207.34	2800	B1H2J8		88.39
567237.4	567237.4	112.85	299-W22-72	2/24/2006 11:57	207.34	2500	B1H2J9		94.49
567186.7	567186.7	129.5	299-W22-86	3/13/2006 12:42	205.7	23000	B1HTJ3		76.2
567186.7	567186.7	124.32	299-W22-86	3/13/2006 15:20	205.7	19000	B1HTJ4		81.38
567186.7	567186.7	117.31	299-W22-86	3/14/2006 11:55	205.7	15000	B1HTJ5		88.39
567186.7	567186.7	111.21	299-W22-86	3/14/2006 14:30	205.7	7000	B1HTJ6		94.49
567186.7	567186.7	115.78	299-W22-86	3/15/2006 10:55	205.7	7000	B1HXX4		89.92
567186.7	567186.7	108.16	299-W22-86	3/15/2006 12:30	205.7	7000	B1H2K3		97.54
567186.7	567186.7	99	299-W22-86	3/16/2006 8:14	205.7	6000	B1HXX5		106.7
569991	569991	125.728	699-30-66	9/9/2004 11:35	209.7	17700	B192M3	83.668	83.972
569991	569991	114.91	699-30-66	9/21/2004 12:40	209.7	23500	B192M5		94.79
569991	569991	104.5	699-30-66	10/5/2004 7:15	209.7	25200	B192M6		105.2
569991	569991	90.8	699-30-66	10/12/2004 7:30	209.7	18600	B193Y8		118.9
568427.8	568427.8	130.67	699-36-70B	8/18/2004 10:05	214.49	103000	B19156		83.82
568427.8	568427.8	121.53	699-36-70B	9/1/2004 10:45	214.49	40000	B19152		92.96
568427.8	568427.8	110.89	699-36-70B	9/9/2004 16:00	214.49	88.5	B19159		103.6
568427.8	568427.8	100.19	699-36-70B	9/14/2004 11:20	214.49	26700	B19160		114.3
568427.8	568427.8	86.49	699-36-70B	9/27/2004 8:40	214.49	12400	B1BBY3		128

Average annual data used in 3D plume generation for nitrate

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Nitrate (ug/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
567673.6	135012.2	113.3449	299-W19-34A	10/9/2013 12:03	214.508	23600	B2RBX9		101.1631
567662.9	135010.7	87.57452	299-W19-34B	6/20/2012 11:38	214.51	11200	B2LJ73		126.9355
568469.1	135331	95.56979	699-38-70B	5/12/2014 10:23	221.821	18100	B2WD22		126.2512
569084.1	135325.6	103.0407	699-38-70C	5/12/2014 12:45	225.933	138000	B2WFM5		122.8923

Attachment C

Data used in 3D Plume Generation for Technetium-99

This chart only includes the data used to generate the 3D plume in Leapfrog. Repeat data which were uploaded to Leapfrog but were not used to generate the plume have not been included.

Data for the 2011 S-SX plume are the same data used for the 2014 U Plant plume, but for the 2011 plume, only data collected during or before 2011 were used.

Depth-discrete data used in 3D plume generation for technetium-99

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Technetium-99 (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
571003.1	134505.3	105.293	299-E11-1	8/19/2015	227.703	11.5	B31FF8		122.41
571003.1	134505.3	111.423	299-E11-1	8/18/2015	227.703	6.3	B31FF4		116.28
571003.1	134505.3	117.453	299-E11-1	8/17/2015	227.703	14.4	B31FD6		110.25
571003.1	134505.3	120.563	299-E11-1	8/16/2015	227.703	12.2	B31FC8		107.14
570503	135199.8	112.313	299-E20-1	7/7/2015	231.813	45.9	B31F76		119.5
570503	135199.8	115.413	299-E20-1	7/1/2015	231.813	56.4	B31F68		116.4
570503	135199.8	118.643	299-E20-1	6/30/2015	231.813	33.7	B31F60		113.17
570897.9	134895.8	110.158	299-E20-2	7/29/2015	227.868	20.8	B31FB5		117.71
570897.9	134895.8	116.248	299-E20-2	7/28/2015	227.868	9.93	B31F97		111.62
570897.9	134895.8	119.328	299-E20-2	7/27/2015	227.868	13	B31F89		108.54
566772.8	136610.2	83.11	299-W10-33	8/21/2007	205.18	85.5	B1L943		122.07
566772.8	136610.2	85.98	299-W10-33	8/15/2007	205.18	17.3	B1L942	118.6	119.2
566772.8	136610.2	89.08	299-W10-33	8/13/2007	205.18	17.3	B1L941		116.1
566772.8	136610.2	92.38	299-W10-33	8/8/2007	205.18	171	B1L940		112.8
566772.8	136610.2	95.48	299-W10-33	8/6/2007	205.18	171	B1L939		109.7
566772.8	136610.2	99.38	299-W10-33	8/3/2007	205.18	171	B1L938		105.8
566772.8	136610.2	101.28	299-W10-33	8/2/2007	205.18	171	B1L936		103.9
566772.8	136610.2	104.58	299-W10-33	8/1/2007	205.18	171	B1L935		100.6
566772.8	136610.2	107.64	299-W10-33	7/31/2007	205.18	171	B1L934		97.54
566772.8	136610.2	109.78	299-W10-33	7/27/2007	205.18	171	B1L933		95.4
566772.8	136610.2	113.74	299-W10-33	7/24/2007	205.18	171	B1L932		91.44
566772.8	136610.2	116.79	299-W10-33	7/17/2007	205.18	120	B1L955		88.39
566772.8	136610.2	119.84	299-W10-33	7/10/2007	205.18	458	B1L929		85.34
566772.8	136610.2	122.183	299-W10-33	7/12/2007	205.18	376	B1L928		82.997
566772.8	136610.2	124.71	299-W10-33	7/11/2007	205.18	335	B1L927		80.47
566772.8	136610.2	130.047	299-W10-33	7/10/2007	205.18	373	B1L926		75.133
566772.8	136610.2	131.72	299-W10-33	7/6/2007	205.18	291	B1L925		73.46
566024.7	136995.5	60.232	299-W10-35	12/8/2010	212.032	17.1	B24JL0		151.8
566024.7	136995.5	75.832	299-W10-35	12/6/2010	212.032	17.1	B24JK9		136.2
566024.7	136995.5	81.932	299-W10-35	12/3/2010	212.032	17.1	B24JK8		130.1
566024.7	136995.5	87.932	299-W10-35	12/2/2010	212.032	17.1	B24JK7		124.1
566024.7	136995.5	93.432	299-W10-35	11/30/2010	212.032	17.1	B24JK6		118.6
566024.7	136995.5	99.532	299-W10-35	11/29/2010	212.032	17.1	B24JK5		112.5
566024.7	136995.5	106.232	299-W10-35	11/19/2010	212.032	17.1	B24JK4		105.8
566024.7	136995.5	110.962	299-W10-35	11/18/2010	212.032	17.1	B24JK3		101.07
566024.7	136995.5	118.58	299-W10-35	11/17/2010	212.032	17.1	B24JJ5		93.452
566024.7	136995.5	124.552	299-W10-35	11/16/2010	212.032	17.1	B24JK1		87.48
566024.7	136995.5	130.652	299-W10-35	11/15/2010	212.032	17.1	B24JK0		81.38
566019.2	137452	71.157	299-W10-36	7/13/2011	210.457	17.1	B2BN75		139.3
566019.2	137452	81.257	299-W10-36	7/6/2011	210.457	17.1	B2BN74		129.2
566019.2	137452	87.357	299-W10-36	7/1/2011	210.457	17.1	B2BN73		123.1
566019.2	137452	93.457	299-W10-36	6/30/2011	210.457	17.1	B2BN72		117

Depth-discrete data used in 3D plume generation for technetium-99

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Technetium-99 (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566019.2	137452	99.557	299-W10-36	6/30/2011	210.457	17.1	B2BN71		110.9
566019.2	137452	105.557	299-W10-36	6/29/2011	210.457	17.1	B2BN70		104.9
566019.2	137452	111.697	299-W10-36	6/29/2011	210.457	17.1	B2BN69		98.76
566019.2	137452	117.797	299-W10-36	6/28/2011	210.457	17.1	B2BN78		92.66
566019.2	137452	123.897	299-W10-36	6/28/2011	210.457	17.1	B2BN67		86.56
566019.2	137452	129.987	299-W10-36	6/27/2011	210.457	17.1	B2BN66		80.47
566912.3	136774.8	85.05	299-W11-25B	3/8/2005	209.75	21600	B1BWX7		124.7
566912.3	136774.8	86.35	299-W11-25B	3/8/2005	209.75	13300	B1CDP2		123.4
566912.3	136774.8	87.85	299-W11-25B	3/7/2005	209.75	31100	B1BWD8		121.9
566912.3	136774.8	89.35	299-W11-25B	3/7/2005	209.75	27000	B1CDP0		120.4
566912.3	136774.8	90.85	299-W11-25B	3/4/2005	209.75	15400	B1CDN9		118.9
566912.3	136774.8	92.45	299-W11-25B	3/4/2005	209.75	15600	B1BWC3		117.3
566912.3	136774.8	93.95	299-W11-25B	3/4/2005	209.75	26000	B1BX10		115.8
566912.3	136774.8	95.45	299-W11-25B	3/4/2005	209.75	16300	B1BX07		114.3
566912.3	136774.8	96.95	299-W11-25B	3/4/2005	209.75	27200	B1BX04		112.8
566912.3	136774.8	98.45	299-W11-25B	3/3/2005	209.75	30600	B1BW91		111.3
566912.3	136774.8	100.05	299-W11-25B	2/24/2005	209.75	39500	B1BWC2		109.7
566912.3	136774.8	101.55	299-W11-25B	2/23/2005	209.75	18300	B1BWD0		108.2
566912.3	136774.8	103.05	299-W11-25B	2/23/2005	209.75	26700	B1BWC9		106.7
566912.3	136774.8	104.55	299-W11-25B	2/23/2005	209.75	30100	B1BWC8		105.2
566912.3	136774.8	106.15	299-W11-25B	2/23/2005	209.75	42800	B1BWB7		103.6
566912.3	136774.8	107.65	299-W11-25B	2/22/2005	209.75	29800	B1BWC7		102.1
566912.3	136774.8	109.15	299-W11-25B	2/22/2005	209.75	40000	B1BWC6		100.6
566912.3	136774.8	110.69	299-W11-25B	2/18/2005	209.75	40700	B1BWC5		99.06
566912.3	136774.8	111.91	299-W11-25B	2/17/2005	209.75	50600	B1BWF0		97.84
566912.3	136774.8	112.21	299-W11-25B	2/18/2005	209.75	13700	B1BW75		97.54
566912.3	136774.8	113.74	299-W11-25B	2/17/2005	209.75	44100	B1BWC1		96.01
566912.3	136774.8	115.26	299-W11-25B	2/17/2005	209.75	31500	B1BWC0		94.49
566912.3	136774.8	116.79	299-W11-25B	2/17/2005	209.75	38300	B1BWB6		92.96
566912.3	136774.8	118.01	299-W11-25B	2/16/2005	209.75	55800	B1BWD7		91.74
566912.3	136774.8	118.31	299-W11-25B	2/14/2005	209.75	50000	B1BW63		91.44
566912.3	136774.8	119.83	299-W11-25B	2/14/2005	209.75	37300	B1BWB5		89.92
566912.3	136774.8	121.36	299-W11-25B	2/14/2005	209.75	32300	B1BWB4		88.39
566912.3	136774.8	122.88	299-W11-25B	2/9/2005	209.75	8620	B1BWB3		86.87
566912.3	136774.8	124.71	299-W11-25B	2/8/2005	209.75	153000	B1BWD4		85.04
566912.3	136774.8	125.93	299-W11-25B	2/8/2005	209.75	185000	B1BWB2		83.82
566912.3	136774.8	127.45	299-W11-25B	2/8/2005	209.75	141000	B1BWB1		82.3
566912.3	136774.8	128.98	299-W11-25B	2/8/2005	209.75	82800	B1BWB0		80.77
566912.3	136774.8	130.5	299-W11-25B	2/8/2005	209.75	78900	B1BWD1		79.25
566912.3	136774.8	132.03	299-W11-25B	2/7/2005	209.75	13100	B1BW99		77.72
566912.3	136774.8	133.55	299-W11-25B	2/7/2005	209.75	13400	B1BW98		76.2
566912.3	136774.8	134.46	299-W11-25B	2/7/2005	209.75	243	B1BW97		75.29

Depth-discrete data used in 3D plume generation for technetium-99

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Technetium-99 (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
567269.7	136971	79.83	299-W11-43	6/21/2005	216.73	240	B1D7K3		136.9
567269.7	136971	89.33	299-W11-43	6/16/2005	216.73	137	B1D7K2		127.4
567269.7	136971	105.83	299-W11-43	6/9/2005	216.73	250	B1D7K1		110.9
567269.7	136971	116.76	299-W11-43	6/7/2005	216.73	547	B1D7K0		99.97
567269.7	136971	125.9	299-W11-43	6/1/2005	216.73	855	B1D7K5		90.83
566992.8	136775.6	83.98	299-W11-45	11/9/2005	212.88	31.8	B1DN43		128.9
566992.8	136775.6	85.48	299-W11-45	11/8/2005	212.88	43.6	B1DN42		127.4
566992.8	136775.6	86.98	299-W11-45	11/7/2005	212.88	34.2	B1DN54		125.9
566992.8	136775.6	88.48	299-W11-45	11/3/2005	212.88	171	B1DN40		124.4
566992.8	136775.6	90.08	299-W11-45	11/3/2005	212.88	171	B1DN39		122.8
566992.8	136775.6	91.58	299-W11-45	11/2/2005	212.88	34.2	B1DN38		121.3
566992.8	136775.6	93.08	299-W11-45	11/1/2005	212.88	125	B1DN53		119.8
566992.8	136775.6	94.58	299-W11-45	11/1/2005	212.88	171	B1DN36		118.3
566992.8	136775.6	96.18	299-W11-45	10/31/2005	212.88	171	B1DN35		116.7
566992.8	136775.6	97.68	299-W11-45	10/31/2005	212.88	171	B1DN34		115.2
566992.8	136775.6	99.18	299-W11-45	10/28/2005	212.88	171	B1DN52		113.7
566992.8	136775.6	100.68	299-W11-45	10/27/2005	212.88	171	B1DN32		112.2
566992.8	136775.6	102.28	299-W11-45	10/27/2005	212.88	855	B1DN31		110.6
566992.8	136775.6	103.78	299-W11-45	10/26/2005	212.88	855	B1DN30		109.1
566992.8	136775.6	105.58	299-W11-45	10/26/2005	212.88	855	B1DN51		107.3
566992.8	136775.6	106.78	299-W11-45	10/25/2005	212.88	855	B1DN28		106.1
566992.8	136775.6	108.38	299-W11-45	10/21/2005	212.88	855	B1DN27		104.5
566992.8	136775.6	109.88	299-W11-45	10/20/2005	212.88	855	B1DN26		103
566992.8	136775.6	111.38	299-W11-45	10/20/2005	212.88	428	B1DN50		101.5
566992.8	136775.6	112.91	299-W11-45	10/19/2005	212.88	428	B1DN24		99.97
566992.8	136775.6	114.43	299-W11-45	10/18/2005	212.88	710	B1DN23		98.45
566992.8	136775.6	115.95	299-W11-45	10/18/2005	212.88	428	B1DN22		96.93
566992.8	136775.6	117.17	299-W11-45	10/17/2005	212.88	599	B1DN49		95.71
566992.8	136775.6	118.7	299-W11-45	10/17/2005	212.88	428	B1DN20		94.18
566992.8	136775.6	120.53	299-W11-45	10/13/2005	212.88	1880	B1DN48		92.35
566992.8	136775.6	122.05	299-W11-45	10/12/2005	212.88	428	B1DN19		90.83
566992.8	136775.6	123.27	299-W11-45	10/11/2005	212.88	2630	B1DN47		89.61
566992.8	136775.6	123.57	299-W11-45	10/11/2005	212.88	2870	B1DN17		89.31
566992.8	136775.6	125.1	299-W11-45	10/11/2005	212.88	428	B1DN16		87.78
566992.8	136775.6	126.62	299-W11-45	10/7/2005	212.88	16200	B1DN46		86.26
566992.8	136775.6	128.15	299-W11-45	10/6/2005	212.88	992	B1DN04		84.73
566992.8	136775.6	129.36	299-W11-45	10/4/2005	212.88	428	B1DN45		83.52
566992.8	136775.6	131.19	299-W11-45	9/29/2005	212.88	428	B1DN12		81.69
566992.8	136775.6	132.72	299-W11-45	9/29/2005	212.88	428	B1DWY0		80.16
566992.8	136775.6	133.784	299-W11-45	9/26/2005	212.88	428	B1DN10		79.096
566933.8	136680.7	87.76	299-W11-47	3/16/2006	209.66	34.2	B1FMY6		121.9
566933.8	136680.7	89.26	299-W11-47	3/15/2006	209.66	34.2	B1FMY9		120.4

Depth-discrete data used in 3D plume generation for technetium-99

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Technetium-99 (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566933.8	136680.7	90.76	299-W11-47	3/15/2006	209.66	34.2	B1FN02		118.9
566933.8	136680.7	92.36	299-W11-47	3/14/2006	209.66	34.2	B1FN06		117.3
566933.8	136680.7	93.86	299-W11-47	3/13/2006	209.66	41.2	B1FN15		115.8
566933.8	136680.7	95.36	299-W11-47	3/13/2006	209.66	37.3	B1FMR2		114.3
566933.8	136680.7	96.56	299-W11-47	3/10/2006	209.66	44.1	B1FMR5		113.1
566933.8	136680.7	98.36	299-W11-47	3/10/2006	209.66	87.6	B1FMR9		111.3
566933.8	136680.7	99.96	299-W11-47	3/9/2006	209.66	68.1	B1FMT8		109.7
566933.8	136680.7	101.46	299-W11-47	3/9/2006	209.66	100	B1FMV1		108.2
566933.8	136680.7	102.96	299-W11-47	3/8/2006	209.66	46.2	B1FMV4		106.7
566933.8	136680.7	104.46	299-W11-47	3/8/2006	209.66	197	B1FMV8		105.2
566933.8	136680.7	106.06	299-W11-47	3/7/2006	209.66	69.5	B1FN73		103.6
566933.8	136680.7	107.56	299-W11-47	3/7/2006	209.66	84.9	B1FN76		102.1
566933.8	136680.7	109.06	299-W11-47	3/7/2006	209.66	111	B1FN79		100.6
566933.8	136680.7	110.6	299-W11-47	3/6/2006	209.66	296	B1FN83		99.06
566933.8	136680.7	112.12	299-W11-47	3/6/2006	209.66	44.3	B1FN67		97.54
566933.8	136680.7	113.65	299-W11-47	3/6/2006	209.66	48.4	B1FN64		96.01
566933.8	136680.7	115.17	299-W11-47	3/3/2006	209.66	46.5	B1FN61		94.49
566933.8	136680.7	116.7	299-W11-47	3/3/2006	209.66	202	B1FN55		92.96
566933.8	136680.7	118.22	299-W11-47	3/2/2006	209.66	174	B1FN48		91.44
566933.8	136680.7	119.44	299-W11-47	2/28/2006	209.66	3880	B1FN42		90.22
566933.8	136680.7	120.96	299-W11-47	2/27/2006	209.66	236	B1FMN3		88.7
566933.8	136680.7	122.79	299-W11-47	2/23/2006	209.66	1020	B1FN29		86.87
566933.8	136680.7	124.01	299-W11-47	2/22/2006	209.66	219	B1FMP9		85.65
566933.8	136680.7	125.23	299-W11-47	2/21/2006	209.66	3150	B1FMP3		84.43
566933.8	136680.7	126.45	299-W11-47	2/14/2006	209.66	342	B1FMN6		83.21
566933.8	136680.7	128.89	299-W11-47	2/13/2006	209.66	342	B1FMM4		80.77
566933.8	136680.7	131.02	299-W11-47	2/13/2006	209.66	342	B1FN35		78.64
566933.8	136680.7	131.63	299-W11-47	2/10/2006	209.66	342	B1FML4		78.03
566933.8	136680.7	134.527	299-W11-47	2/10/2006	209.66	342	B1FN89		75.133
566882	136846.2	87.3	299-W11-48	6/5/2007	208.9	34.2	B1L4Y5		121.6
566882	136846.2	89.7	299-W11-48	6/1/2007	208.9	34.2	B1L4Y4		119.2
566882	136846.2	92.5	299-W11-48	5/29/2007	208.9	171	B1L4Y3		116.4
566882	136846.2	95.2	299-W11-48	5/25/2007	208.9	171	B1L4Y2	113.4	113.7
566882	136846.2	99.57	299-W11-48	5/25/2007	208.9	181	B1L4Y1		109.33
566882	136846.2	101.3	299-W11-48	5/23/2007	208.9	171	B1L4X9	107.3	107.6
566882	136846.2	104.4	299-W11-48	5/22/2007	208.9	216	B1L4X8		104.5
566882	136846.2	107.4	299-W11-48	5/21/2007	208.9	171	B1L4X7		101.5
566882	136846.2	109.54	299-W11-48	5/17/2007	208.9	246	B1L4X6		99.36
566882	136846.2	113.5	299-W11-48	5/16/2007	208.9	342	B1L4X5	95.1	95.4
566882	136846.2	116.85	299-W11-48	4/25/2007	208.9	342	B1L4X3		92.05
566882	136846.2	119.59	299-W11-48	4/17/2007	208.9	230	B1L5F9	89	89.31
566882	136846.2	122.95	299-W11-48	4/13/2007	208.9	85.5	B1L4X1		85.95

Depth-discrete data used in 3D plume generation for technetium-99

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Technetium-99 (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566882	136846.2	127.52	299-W11-48	4/11/2007	208.9	150	B1L5F7	79.86	81.38
566882	136846.2	132.09	299-W11-48	4/17/2007	208.9	243	B1L4X2		76.81
567361.5	135924.7	78.209	299-W11-49	4/1/2010	216.009	17.1	B23CV2		137.8
567361.5	135924.7	84.009	299-W11-49	3/26/2010	216.009	17.1	B23CV1		132
567361.5	135924.7	88.909	299-W11-49	2/26/2010	216.009	19	B23CV0		127.1
567361.5	135924.7	95.009	299-W11-49	2/25/2010	216.009	16.3	B23CT9		121
567361.5	135924.7	101.109	299-W11-49	2/17/2010	216.009	17.1	B23CT8		114.9
567361.5	135924.7	107.209	299-W11-49	2/12/2010	216.009	17.1	B23CT7		108.8
567361.5	135924.7	113.309	299-W11-49	2/10/2010	216.009	17.1	B23CT6		102.7
567361.5	135924.7	119.389	299-W11-49	2/9/2010	216.009	17.1	B23CT4		96.62
567361.5	135924.7	125.479	299-W11-49	2/8/2010	216.009	17.1	B23F92		90.53
567361.5	135924.7	128.529	299-W11-49	2/5/2010	216.009	1.88	B23CT3		87.48
566966.3	136756.6	62.882	299-W11-50	11/22/2010	212.282	30.8	B240Y3		149.4
566966.3	136756.6	69.982	299-W11-50	11/16/2010	212.282	17.1	B240Y2		142.3
566966.3	136756.6	76.082	299-W11-50	11/10/2010	212.282	17.1	B23WW0		136.2
566966.3	136756.6	82.182	299-W11-50	11/8/2010	212.282	27.4	B23WV9		130.1
566966.3	136756.6	88.182	299-W11-50	11/4/2010	212.282	222	B23WV8		124.1
566966.3	136756.6	99.482	299-W11-50	9/24/2010	212.282	82.1	B23WV0	111.8	112.8
566966.3	136756.6	111.082	299-W11-50	9/13/2010	212.282	145	B23WT2		101.2
566966.3	136756.6	117.492	299-W11-50	9/9/2010	212.282	164	B23WT1		94.79
566966.3	136756.6	123.892	299-W11-50	9/3/2010	212.282	1230	B23WW7		88.39
566966.3	136756.6	129.834	299-W11-50	9/1/2010	212.282	1010	B23WT0		82.448
568143.5	136610	73.68	299-W11-86	8/4/2006	222.68	51.3	B1JFW4	148.4	149
568143.5	136610	89.48	299-W11-86	7/25/2006	222.68	17.1	B1JFW2		133.2
568143.5	136610	106.28	299-W11-86	7/12/2006	222.68	44.5	B1JFW0	116.28	116.4
568143.5	136610	119.98	299-W11-86	7/7/2006	222.68	40.7	B1JFV8	101.65	102.7
568143.5	136610	126.97	299-W11-86	6/30/2006	222.68	51.2	B1JFV7	95.1	95.71
567874.7	137113.1	74.24	299-W11-88	2/13/2008	221.12	85	B1P0P1	146.46	146.88
567874.7	137113.1	88.22	299-W11-88	12/11/2007	221.12	12	B1P0N7		132.9
567874.7	137113.1	94.32	299-W11-88	12/6/2007	221.12	130	B1P0N5	123.7	126.8
567874.7	137113.1	103.42	299-W11-88	12/5/2007	221.12	140	B1P0N3	114.6	117.7
567874.7	137113.1	109.52	299-W11-88	12/3/2007	221.12	150	B1P0N1	108.5	111.6
567874.7	137113.1	115.62	299-W11-88	11/29/2007	221.12	260	B1P0M9	98.45	105.5
567874.7	137113.1	124.8	299-W11-88	11/29/2007	221.12	260	B1P0M7	87.78	96.32
567306.8	136519.7	57.846	299-W11-90	3/18/2010	218.146	139	B23C75		160.3
567306.8	136519.7	63.346	299-W11-90	3/8/2010	218.146	145	B23C74		154.8
567306.8	136519.7	69.446	299-W11-90	3/4/2010	218.146	156	B23C73		148.7
567306.8	136519.7	76.146	299-W11-90	3/2/2010	218.146	132	B23C72		142
567306.8	136519.7	82.246	299-W11-90	3/1/2010	218.146	137	B23C71		135.9
567306.8	136519.7	88.346	299-W11-90	2/23/2010	218.146	147	B23C70		129.8
567306.8	136519.7	94.446	299-W11-90	2/22/2010	218.146	159	B23C69		123.7
567306.8	136519.7	100.446	299-W11-90	2/16/2010	218.146	92.4	B23C68		117.7

Depth-discrete data used in 3D plume generation for technetium-99

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Technetium-99 (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
567306.8	136519.7	106.546	299-W11-90	2/12/2010	218.146	222	B23C67		111.6
567306.8	136519.7	112.646	299-W11-90	1/19/2010	218.146	205	B23C64		105.5
567306.8	136519.7	118.786	299-W11-90	1/15/2010	218.146	95.8	B23C65		99.36
567306.8	136519.7	124.876	299-W11-90	1/14/2010	218.146	70.1	B23F93		93.27
567306.8	136519.7	127.926	299-W11-90	1/13/2010	218.146	108	B23C63		90.22
566692.9	136351.8	64.488	299-W11-92	6/2/2010	204.578	17.1	B24194		140.09
566692.9	136351.8	81.178	299-W11-92	5/27/2010	204.578	25.7	B241B8		123.4
566692.9	136351.8	86.278	299-W11-92	5/24/2010	204.578	17.1	B24192		118.3
566692.9	136351.8	92.378	299-W11-92	5/20/2010	204.578	29.1	B24191		112.2
566692.9	136351.8	98.178	299-W11-92	5/18/2010	204.578	46.2	B24190		106.4
566692.9	136351.8	98.478	299-W11-92	9/16/2010	204.578	103	B23WT9		106.1
566692.9	136351.8	104.278	299-W11-92	5/17/2010	204.578	44.5	B24189		100.3
566692.9	136351.8	110.398	299-W11-92	5/17/2010	204.578	27.4	B24188		94.18
566692.9	136351.8	117.098	299-W11-92	5/14/2010	204.578	27.4	B24187		87.48
566692.9	136351.8	117.708	299-W11-92	11/1/2010	204.578	924	B23WV1		86.87
566692.9	136351.8	123.808	299-W11-92	4/30/2010	204.578	18.8	B24186		80.77
566692.9	136351.8	128.988	299-W11-92	4/29/2010	204.578	17.1	B24185		75.59
567775.5	136780.1	68.15	299-W11-93	11/19/2009	220.55	17.1	B21FL9		152.4
567775.5	136780.1	74.25	299-W11-93	11/18/2009	220.55	17.1	B21FL8		146.3
567775.5	136780.1	78.85	299-W11-93	11/17/2009	220.55	18.8	B21FL7		141.7
567775.5	136780.1	86.59	299-W11-93	10/29/2009	220.55	145	B21FL6		133.96
567775.5	136780.1	98.65	299-W11-93	10/26/2009	220.55	222	B21FL4		121.9
567775.5	136780.1	104.75	299-W11-93	10/23/2009	220.55	103	B21FL3		115.8
567775.5	136780.1	110.85	299-W11-93	10/22/2009	220.55	359	B21FL2		109.7
567775.5	136780.1	116.95	299-W11-93	10/21/2009	220.55	325	B21FL1		103.6
567775.5	136780.1	123.01	299-W11-93	10/20/2009	220.55	205	B21F67		97.54
567775.5	136780.1	129.11	299-W11-93	10/19/2009	220.55	257	B21F66		91.44
568317.6	135875.9	59.932	299-W11-97	7/14/2015	223.462	2.98	B31DC1		163.53
568317.6	135875.9	66.162	299-W11-97	7/13/2015	223.462	4.05	B31DB6		157.3
568317.6	135875.9	72.262	299-W11-97	7/9/2015	223.462	2.28	B31DB1		151.2
568317.6	135875.9	84.762	299-W11-97	7/8/2015	223.462	4.49	B31D91		138.7
568317.6	135875.9	90.452	299-W11-97	7/7/2015	223.462	6.81	B31D86		133.01
568317.6	135875.9	98.162	299-W11-97	7/7/2015	223.462	3.53	B31D76		125.3
568317.6	135875.9	110.362	299-W11-97	7/1/2015	223.462	3.13	B31D66		113.1
568313	136610	74.74	299-W12-2	9/10/2009	222.29	17.1	B21F64		147.55
568313	136610	78.99	299-W12-2	9/1/2009	222.29	18.8	B21F39		143.3
568313	136610	80.92	299-W12-2	9/8/2009	222.29	17.1	B21F40		141.37
568313	136610	85.59	299-W12-2	8/27/2009	222.29	18.8	B21F38		136.7
568313	136610	90.89	299-W12-2	8/26/2009	222.29	29.1	B21F37		131.4
568313	136610	97.89	299-W12-2	8/24/2009	222.29	24	B21F36		124.4
568313	136610	104.99	299-W12-2	8/21/2009	222.29	25.7	B21F35		117.3
568313	136610	110.89	299-W12-2	8/20/2009	222.29	18.8	B21F34		111.4

Depth-discrete data used in 3D plume generation for technetium-99

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Technetium-99 (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
568313	136610	116.79	299-W12-2	8/19/2009	222.29	17.1	B21F33		105.5
568313	136610	123.078	299-W12-2	8/18/2009	222.29	17.1	B21F32		99.212
568313	136610	124.75	299-W12-2	8/17/2009	222.29	17.1	B21F30		97.54
568324.8	136363.4	71.98	299-W12-3	10/8/2009	223.18	32.5	B21N66		151.2
568324.8	136363.4	78.68	299-W12-3	10/6/2009	223.18	51.3	B21N65		144.5
568324.8	136363.4	83.88	299-W12-3	10/5/2009	223.18	17.1	B21N64		139.3
568324.8	136363.4	90.58	299-W12-3	10/2/2009	223.18	66.7	B21N63		132.6
568324.8	136363.4	96.68	299-W12-3	10/1/2009	223.18	78.7	B21N62		126.5
568324.8	136363.4	103.08	299-W12-3	9/30/2009	223.18	106	B21WH4		120.1
568324.8	136363.4	108.88	299-W12-3	9/29/2009	223.18	49.6	B21N60	113.1	114.3
568324.8	136363.4	116.04	299-W12-3	9/24/2009	223.18	462	B21N59		107.14
568324.8	136363.4	121.98	299-W12-3	9/22/2009	223.18	240	B21N58		101.2
568324.8	136363.4	128.39	299-W12-3	9/18/2009	223.18	17.1	B21N57		94.79
568329	136363.4	67.04	299-W12-4	10/9/2009	222.37	17.1	B21FW0		155.33
568329	136363.4	72.84	299-W12-4	10/7/2009	222.37	18.8	B21FV9		149.53
568329	136363.4	79.77	299-W12-4	10/5/2009	222.37	18.8	B21FV8		142.6
568329	136363.4	85.67	299-W12-4	10/2/2009	222.37	20.5	B21FV7		136.7
568329	136363.4	92.37	299-W12-4	9/29/2009	222.37	20.5	B21FV6		130
568329	136363.4	98.68	299-W12-4	9/28/2009	222.37	17.1	B21FV5		123.69
568329	136363.4	103.77	299-W12-4	9/25/2009	222.37	17.1	B21FV4		118.6
568329	136363.4	109.57	299-W12-4	8/21/2009	222.37	17.1	B21FV3		112.8
568329	136363.4	115.67	299-W12-4	8/20/2009	222.37	17.1	B21FV2		106.7
568329	136363.4	121.77	299-W12-4	8/13/2009	222.37	17.1	B21FV1		100.6
568329	136363.4	124.83	299-W12-4	8/12/2009	222.37	17.1	B21FT9	96.32	97.54
568832.6	135819.4	72.598	299-W13-2	12/14/2015	225.3	2.88	B31CP6		152.702
568832.6	135819.4	79.06	299-W13-2	12/10/2015	225.3	2.78	B31CN6		146.24
568832.6	135819.4	85.433	299-W13-2	12/8/2015	225.3	5.92	B31CN1		139.867
568832.6	135819.4	92.25	299-W13-2	11/4/2015	225.3	4.14	B31CM6		133.05
568832.6	135819.4	97.9	299-W13-2	11/4/2015	225.3	2.09	B31CM1		127.4
568832.6	135819.4	104.9	299-W13-2	10/26/2015	225.3	1.08	B31CL6		120.4
568832.6	135819.4	110.488	299-W13-2	10/26/2015	225.3	1	B31CL1		114.812
568832.6	135819.4	116.645	299-W13-2	10/22/2015	225.3	0.967	B31CK5		108.655
566901.7	136287.6	98.58	299-W14-11	4/27/2005	204.38	352	B1CKW4		105.8
566901.7	136287.6	99.18	299-W14-11	4/27/2005	204.38	342	B1CL40		105.2
566901.7	136287.6	100.78	299-W14-11	4/27/2005	204.38	399	B1CL37		103.6
566901.7	136287.6	102.28	299-W14-11	4/27/2005	204.38	472	B1CL33		102.1
566901.7	136287.6	103.78	299-W14-11	4/27/2005	204.38	467	B1CL29		100.6
566901.7	136287.6	104.71	299-W14-11	4/26/2005	204.38	751	B1CKV1		99.67
566901.7	136287.6	105.32	299-W14-11	4/26/2005	204.38	520	B1CL25		99.06
566901.7	136287.6	106.84	299-W14-11	4/25/2005	204.38	842	B1CKY9		97.54
566901.7	136287.6	108.37	299-W14-11	4/25/2005	204.38	1130	B1CKY5		96.01
566901.7	136287.6	109.89	299-W14-11	4/25/2005	204.38	1270	B1CKY1		94.49

Depth-discrete data used in 3D plume generation for technetium-99

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Technetium-99 (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566901.7	136287.6	110.81	299-W14-11	4/25/2005	204.38	1710	B1CL18		93.57
566901.7	136287.6	111.42	299-W14-11	4/22/2005	204.38	1710	B1CKX6		92.96
566901.7	136287.6	112.94	299-W14-11	4/22/2005	204.38	1710	B1CKX2		91.44
566901.7	136287.6	114.46	299-W14-11	4/21/2005	204.38	1710	B1CKW9		89.92
566901.7	136287.6	115.99	299-W14-11	4/21/2005	204.38	1710	B1CKW0		88.39
566901.7	136287.6	116.9	299-W14-11	4/20/2005	204.38	1710	B1CL12		87.48
566901.7	136287.6	117.51	299-W14-11	4/20/2005	204.38	1710	B1CKV5		86.87
566901.7	136287.6	119.04	299-W14-11	4/20/2005	204.38	2430	B1CKT7		85.34
566901.7	136287.6	120.56	299-W14-11	4/20/2005	204.38	2480	B1CKT2		83.82
566901.7	136287.6	122.08	299-W14-11	4/20/2005	204.38	2120	B1CDV2		82.3
566901.7	136287.6	123	299-W14-11	4/20/2005	204.38	3340	B1CL08		81.38
566901.7	136287.6	123.61	299-W14-11	4/19/2005	204.38	2860	B1BX08		80.77
566901.7	136287.6	125.13	299-W14-11	4/19/2005	204.38	3870	B1BX00		79.25
566901.7	136287.6	126.66	299-W14-11	4/18/2005	204.38	3750	B1BWY6		77.72
566901.7	136287.6	128.18	299-W14-11	4/18/2005	204.38	3560	B1BWY3		76.2
566901.7	136287.6	129.09	299-W14-11	4/18/2005	204.38	2910	B1CL03		75.29
566901.7	136287.6	129.7	299-W14-11	4/15/2005	204.38	4500	B1BWX8		74.68
566901.7	136287.6	131.23	299-W14-11	4/15/2005	204.38	7780	B1BWX4		73.15
566901.7	136287.6	132.75	299-W14-11	4/15/2005	204.38	1710	B1BWW9		71.63
566901.7	136287.6	135.19	299-W14-11	4/15/2005	204.38	1850	B1BWF3		69.19
566898.6	136135.1	100	299-W14-19	10/29/2002	204.9	44.4	B15P86		104.9
566898.6	136135.1	105.84	299-W14-19	10/29/2002	204.9	37	B15P82		99.06
566898.6	136135.1	111.94	299-W14-19	10/29/2002	204.9	41.3	B15P78		92.96
566898.6	136135.1	118.03	299-W14-19	10/29/2002	204.9	25.4	B15P74		86.87
566898.6	136135.1	124.13	299-W14-19	10/28/2002	204.9	399	B15P70		80.77
566898.6	136135.1	130.22	299-W14-19	10/28/2002	204.9	265	B15P66		74.68
566898.6	136135.1	134.8	299-W14-19	10/28/2002	204.9	24.5	B15P62		70.1
566909.2	136284.5	70.3	299-W14-20	7/29/2009	204.4	17.1	B1YMK9		134.1
566909.2	136284.5	84.9	299-W14-20	7/17/2009	204.4	17.1	B1YMK7	117.7	119.5
566909.2	136284.5	91.3	299-W14-20	7/13/2009	204.4	222	B1YMK6		113.1
566909.2	136284.5	96.8	299-W14-20	7/9/2009	204.4	56.5	B1YMK5	106.7	107.6
566909.2	136284.5	103.8	299-W14-20	7/6/2009	204.4	1210	B1YMK4		100.6
566909.2	136284.5	109.91	299-W14-20	6/29/2009	204.4	1010	B1YMK3		94.49
566909.2	136284.5	116.01	299-W14-20	6/24/2009	204.4	1710	B1YMK2	87.17	88.39
566909.2	136284.5	123.02	299-W14-20	6/19/2009	204.4	838	B1YMK1		81.38
566909.2	136284.5	128.048	299-W14-20	4/16/2009	204.4	4280	B1YMJ9		76.352
567721.5	135890	62.02	299-W14-21	10/22/2009	219.32	17.1	B21WB8		157.3
567721.5	135890	69.32	299-W14-21	10/19/2009	219.32	17.1	B21TK6		150
567721.5	135890	75.12	299-W14-21	10/16/2009	219.32	17.1	B21TK5		144.2
567721.5	135890	81.22	299-W14-21	10/14/2009	219.32	17.1	B21TK4		138.1
567721.5	135890	87.49	299-W14-21	10/12/2009	219.32	17.1	B21TK3		131.83
567721.5	135890	93.72	299-W14-21	10/9/2009	219.32	17.1	B21TK2		125.6

Depth-discrete data used in 3D plume generation for technetium-99

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Technetium-99 (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
567721.5	135890	99.47	299-W14-21	10/8/2009	219.32	17.1	B21TK1		119.85
567721.5	135890	105.92	299-W14-21	10/7/2009	219.32	17.1	B21TK0		113.4
567721.5	135890	114.12	299-W14-21	10/6/2009	219.32	17.1	B21TJ8		105.2
567721.5	135890	118.12	299-W14-21	10/2/2009	219.32	17.1	B21TJ7		101.2
567721.5	135890	124.83	299-W14-21	9/23/2009	219.32	17.1	B21TJ6		94.49
567721.5	135890	130.32	299-W14-21	9/22/2009	219.32	17.1	B21TJ5		89
567733.4	135567.8	85.93	299-W14-71	10/13/2006	218.64	171	B1K807		132.71
567733.4	135567.8	90.34	299-W14-71	10/12/2006	218.64	24	B1JX25		128.3
567733.4	135567.8	97.94	299-W14-71	10/9/2006	218.64	47.9	B1K812		120.7
567733.4	135567.8	106.74	299-W14-71	10/5/2006	218.64	34.2	B1JX23		111.9
567733.4	135567.8	112.75	299-W14-71	9/27/2006	218.64	65	B1K811		105.89
567733.4	135567.8	120.49	299-W14-71	9/22/2006	218.64	17.1	B1JX21		98.15
567733.4	135567.8	128.72	299-W14-71	9/19/2006	218.64	20	B1JX20		89.92
567328.4	135941.3	82.47	299-W14-72	10/24/2006	215.67	71	B1JX57		133.2
567328.4	135941.3	90.37	299-W14-72	10/17/2006	215.67	17.1	B1JX53		125.3
567328.4	135941.3	98.37	299-W14-72	10/12/2006	215.67	171	B1K814		117.3
567328.4	135941.3	107.47	299-W14-72	10/11/2006	215.67	9.8	B1JX51		108.2
567328.4	135941.3	113.27	299-W14-72	10/9/2006	215.67	13.7	B1K813		102.4
567328.4	135941.3	121.18	299-W14-72	10/4/2006	215.67	65.9	B1JX49		94.49
567328.4	135941.3	126.06	299-W14-72	10/2/2006	215.67	1.8	B1JX48		89.61
567359	136204.6	66.73	299-W14-73	5/27/2009	216.73	17.1	B1YNR9	147.8	150
567359	136204.6	73.43	299-W14-73	5/15/2009	216.73	44.5	B1YNR7	142.3	143.3
567359	136204.6	79.53	299-W14-73	5/8/2009	216.73	17.1	B1YNR3		137.2
567359	136204.6	85.03	299-W14-73	5/4/2009	216.73	17.1	B1YNR1		131.7
567359	136204.6	91.73	299-W14-73	4/29/2009	216.73	17.1	B1YNP9		125
567359	136204.6	97.23	299-W14-73	4/27/2009	216.73	17.1	B1YNP7		119.5
567359	136204.6	103.63	299-W14-73	4/22/2009	216.73	17.1	B1YNP3		113.1
567359	136204.6	109.71	299-W14-73	4/20/2009	216.73	17.1	B1YNP1		107.02
567359	136204.6	115.99	299-W14-73	4/15/2009	216.73	17.1	B1YNN9		100.74
567359	136204.6	121.94	299-W14-73	4/10/2009	216.73	17.1	B1YNN5		94.79
567359	136204.6	127.576	299-W14-73	4/7/2009	216.73	17.1	B1YNN1		89.154
567781.5	136381.3	70.543	299-W14-74	9/3/2009	221.443	61.6	B21CH2		150.9
567781.5	136381.3	82.743	299-W14-74	8/31/2009	221.443	82.1	B21CH0		138.7
567781.5	136381.3	88.843	299-W14-74	8/28/2009	221.443	77	B21CF9		132.6
567781.5	136381.3	94.943	299-W14-74	8/27/2009	221.443	70.1	B21CF8		126.5
567781.5	136381.3	101.043	299-W14-74	8/24/2009	221.443	54.7	B21CF7		120.4
567781.5	136381.3	107.143	299-W14-74	8/20/2009	221.443	47.9	B21CF6		114.3
567781.5	136381.3	113.243	299-W14-74	8/18/2009	221.443	73.6	B21CF5		108.2
567781.5	136381.3	119.043	299-W14-74	8/17/2009	221.443	54.7	B21CF3		102.4
567781.5	136381.3	128.483	299-W14-74	8/12/2009	221.443	18.8	B21CF1		92.96
566657.4	136108.9	63.15	299-W15-225	5/8/2009	204.85	17.1	B1YD47		141.7
566657.4	136108.9	78.35	299-W15-225	4/29/2009	204.85	22.2	B1YD43		126.5

Depth-discrete data used in 3D plume generation for technetium-99

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Technetium-99 (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566657.4	136108.9	84.15	299-W15-225	4/28/2009	204.85	24	B1YD39		120.7
566657.4	136108.9	90.25	299-W15-225	4/27/2009	204.85	29.1	B1YD35		114.6
566657.4	136108.9	96.35	299-W15-225	4/24/2009	204.85	35.9	B1YD31		108.5
566657.4	136108.9	102.45	299-W15-225	4/23/2009	204.85	41.1	B1YD27		102.4
566657.4	136108.9	108.53	299-W15-225	4/22/2009	204.85	39.3	B1YD23		96.32
566657.4	136108.9	114.63	299-W15-225	4/21/2009	204.85	49.6	B1YCY6		90.22
566657.4	136108.9	122.219	299-W15-225	3/27/2009	204.85	17.1	B1YCX6		82.631
566657.4	136108.9	129.107	299-W15-225	3/9/2009	204.85	47.9	B1YCX0		75.743
566033.3	136450.2	63.373	299-W15-226	6/16/2010	212.373	17.1	B24JM3		149
566033.3	136450.2	78.873	299-W15-226	6/10/2010	212.373	17.1	B24JM2		133.5
566033.3	136450.2	84.973	299-W15-226	6/10/2010	212.373	17.1	B24JM1		127.4
566033.3	136450.2	96.273	299-W15-226	6/9/2010	212.373	17.1	B24JM0		116.1
566033.3	136450.2	100.173	299-W15-226	6/7/2010	212.373	17.1	B24JL9		112.2
566033.3	136450.2	106.273	299-W15-226	6/4/2010	212.373	17.1	B24JL8		106.1
566033.3	136450.2	112.403	299-W15-226	6/4/2010	212.373	17.1	B24JL7		99.97
566033.3	136450.2	118.493	299-W15-226	6/3/2010	212.373	17.1	B24JL6		93.88
566033.3	136450.2	130.073	299-W15-226	6/2/2010	212.373	17.1	B24JL5		82.3
566033.3	136450.2	131.293	299-W15-226	6/1/2010	212.373	17.1	B24JL4		81.08
566034	135966.6	57.74	299-W15-227	7/12/2010	213.752	17.1	B24JN9		156.012
566034	135966.6	77.852	299-W15-227	7/1/2010	213.752	17.1	B24JN8		135.9
566034	135966.6	83.812	299-W15-227	6/30/2010	213.752	17.1	B24JN7		129.94
566034	135966.6	90.152	299-W15-227	6/25/2010	213.752	17.1	B24JN6		123.6
566034	135966.6	95.942	299-W15-227	6/24/2010	213.752	17.1	B24JN5		117.81
566034	135966.6	102.152	299-W15-227	6/23/2010	213.752	17.1	B24JN4		111.6
566034	135966.6	107.952	299-W15-227	6/21/2010	213.752	17.1	B24JN3		105.8
566034	135966.6	114.082	299-W15-227	6/16/2010	213.752	34.2	B24JN2		99.67
566034	135966.6	120.331	299-W15-227	6/11/2010	213.752	35.9	B24JJ7		93.421
566034	135966.6	126.671	299-W15-227	6/10/2010	213.752	47.9	B24JN0		87.081
566034	135966.6	132.372	299-W15-227	6/10/2010	213.752	20.5	B24JM9		81.38
565745.4	135711.5	49.741	299-W15-228	5/12/2014	208.241	4.35	B2W2V5		158.5
565745.4	135711.5	75.516	299-W15-228	4/29/2014	208.241	17.1	B2W2V1		132.725
565745.4	135711.5	81.571	299-W15-228	4/28/2014	208.241	17.1	B2W2T7		126.67
565745.4	135711.5	87.68	299-W15-228	4/24/2014	208.241	17.1	B2W2R9		120.561
565745.4	135711.5	93.752	299-W15-228	4/23/2014	208.241	34.2	B2W2R5		114.489
565745.4	135711.5	100.04	299-W15-228	4/22/2014	208.241	137	B2W2R1		108.201
565745.4	135711.5	105.804	299-W15-228	4/21/2014	208.241	137	B2W2P3		102.437
565745.4	135711.5	112.0248	299-W15-228	4/17/2014	208.241	34.2	B2W2N9		96.2162
565745.4	135711.5	118.2732	299-W15-228	4/16/2014	208.241	85.5	B2W2N5		89.9678
565745.4	135711.5	123.811	299-W15-228	4/15/2014	208.241	171	B2W2N1		84.43
565745.4	135711.5	130.5048	299-W15-228	4/14/2014	208.241	137	B2W2M7		77.7362
566581.8	135627	120.27	299-W15-42	1/24/2002	206.53	2.4	B12XM1	85.34	86.26
566581.8	135627	121.284	299-W15-42	2/27/2002	206.53	13.5	B12XM2		85.2465

Depth-discrete data used in 3D plume generation for technetium-99

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Technetium-99 (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566581.8	135627	121.308	299-W15-42	2/27/2002	206.53	13.5	B140B4		85.222
566581.8	135627	136.091	299-W15-42	1/18/2002	206.53	1.4	B12XL6	70.1	70.439
566490.1	136210	100.98	299-W15-43	11/12/2002	206.78	32.7	B15WY4		105.8
566490.1	136210	109.24	299-W15-43	11/12/2002	206.78	20.3	B15WY1		97.54
566490.1	136210	115.34	299-W15-43	11/12/2002	206.78	31	B15WX8		91.44
566490.1	136210	121.44	299-W15-43	11/11/2002	206.78	24	B15WX5		85.34
566490.1	136210	128.14	299-W15-43	11/11/2002	206.78	18.9	B15WX2		78.64
566490.1	136210	132.1	299-W15-43	11/12/2002	206.78	16.5	B15WW9		74.68
566685	136066.5	99.97	299-W15-44	10/18/2002	204.17	43.3	B15P25		104.2
566685	136066.5	105.11	299-W15-44	10/18/2002	204.17	32.7	B15P22		99.06
566685	136066.5	111.21	299-W15-44	10/17/2002	204.17	10.8	B15P19		92.96
566685	136066.5	117.3	299-W15-44	10/17/2002	204.17	58	B15P16		86.87
566685	136066.5	123.4	299-W15-44	10/17/2002	204.17	65.1	B15P13		80.77
566685	136066.5	129.49	299-W15-44	10/16/2002	204.17	89.3	B15P10		74.68
566685	136066.5	135.59	299-W15-44	10/16/2002	204.17	16.3	B15P06		68.58
566752.2	135586.7	44.97	299-W15-46	1/26/2005	203.47	0.9	B19NM9		158.5
566752.2	135586.7	55.79	299-W15-46	1/13/2005	203.47	0.5	B19NH1	146.9	147.68
566752.2	135586.7	75.17	299-W15-46	11/30/2004	203.47	2.7	B19NF9	127.86	128.3
566752.2	135586.7	82.47	299-W15-46	11/23/2004	203.47	3.4	B19NF8		121
566752.2	135586.7	87.8	299-W15-46	11/15/2004	203.47	16	B19NF7	114.9	115.67
566752.2	135586.7	91.76	299-W15-46	11/10/2004	203.47	81.8	B1BB03		111.71
566752.2	135586.7	94.67	299-W15-46	11/8/2004	203.47	11	B19NF6		108.8
566752.2	135586.7	99.99	299-W15-46	11/2/2004	203.47	0.7	B19NF5	102.7	103.48
566752.2	135586.7	106.086	299-W15-46	10/28/2004	203.47	5.7	B19NF4	96.62	97.384
566752.2	135586.7	112.182	299-W15-46	10/25/2004	203.47	40	B19NF3	90.53	91.288
566752.2	135586.7	113.706	299-W15-46	10/19/2004	203.47	580	B1B9Y2		89.764
566752.2	135586.7	119.04	299-W15-46	10/14/2004	203.47	850	B19NF2		84.43
566752.2	135586.7	122.09	299-W15-46	10/12/2004	203.47	58	B19NF1		81.38
566752.2	135586.7	131.994	299-W15-46	9/28/2004	203.47	160	B17NM6	70.71	71.476
566752.2	135586.7	133.214	299-W15-46	9/14/2004	203.47	54	B1B7X7	69.49	70.256
566307.2	135972.9	74.28	299-W15-49	12/15/2004	208.38	1.5	B1BJF3		134.1
566307.2	135972.9	75.03	299-W15-49	12/15/2004	208.38	0.9	B1BJF5-A		133.35
566307.2	135972.9	86.18	299-W15-49	12/14/2004	208.38	3.2	B1BJF2		122.2
566307.2	135972.9	107.78	299-W15-49	12/10/2004	208.38	26	B1BJF1		100.6
566307.2	135972.9	115.42	299-W15-49	12/9/2004	208.38	4.5	B1BJF0		92.96
566307.2	135972.9	126.08	299-W15-49	12/7/2004	208.38	55	B1BJD9		82.3
566793.5	135790.7	99.8	299-W15-50	2/9/2005	202.5	1.4	B1BJJ0		102.7
566793.5	135790.7	105.57	299-W15-50	2/7/2005	202.5	11	B1BJH9		96.93
566793.5	135790.7	115.63	299-W15-50	2/2/2005	202.5	76	B1BJH8		86.87
566793.5	135790.7	120.81	299-W15-50	1/31/2005	202.5	52	B1BJH7		81.69
566793.5	135790.7	127.82	299-W15-50	1/25/2005	202.5	53	B1BJH6		74.68
566951.6	135806.2	61.215	299-W17-2	4/26/2010	204.515	17.1	B24127		143.3

Depth-discrete data used in 3D plume generation for technetium-99

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Technetium-99 (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566951.6	135806.2	79.215	299-W17-2	4/21/2010	204.515	17.1	B24126		125.3
566951.6	135806.2	86.215	299-W17-2	4/19/2010	204.515	17.1	B24125		118.3
566951.6	135806.2	92.315	299-W17-2	4/16/2010	204.515	17.1	B24124		112.2
566951.6	135806.2	98.415	299-W17-2	4/15/2010	204.515	17.1	B24123		106.1
566951.6	135806.2	104.215	299-W17-2	4/9/2010	204.515	24	B24122		100.3
566951.6	135806.2	110.335	299-W17-2	4/8/2010	204.515	18.8	B24121		94.18
566951.6	135806.2	117.345	299-W17-2	4/6/2010	204.515	17.1	B24134		87.17
566951.6	135806.2	123.745	299-W17-2	4/1/2010	204.515	17.1	B24119		80.77
566951.6	135806.2	129.535	299-W17-2	4/1/2010	204.515	17.1	B24117		74.98
566925.9	135325	56.137	299-W17-3	4/20/2010	206.137	17.1	B23CC9		150
566925.9	135325	69.937	299-W17-3	4/16/2010	206.137	17.1	B23CC8		136.2
566925.9	135325	76.037	299-W17-3	4/15/2010	206.137	17.1	B23CC7		130.1
566925.9	135325	82.037	299-W17-3	4/12/2010	206.137	20.5	B23CC6		124.1
566925.9	135325	88.137	299-W17-3	4/7/2010	206.137	17.1	B23CC5		118
566925.9	135325	94.237	299-W17-3	4/2/2010	206.137	17.1	B23CC4		111.9
566925.9	135325	100.637	299-W17-3	3/31/2010	206.137	151	B23CC3		105.5
566925.9	135325	106.777	299-W17-3	3/26/2010	206.137	17.1	B23CC2		99.36
566925.9	135325	113.177	299-W17-3	3/25/2010	206.137	342	B23CC1		92.96
566925.9	135325	119.267	299-W17-3	3/24/2010	206.137	719	B23CC0		86.87
566925.9	135325	125.667	299-W17-3	3/23/2010	206.137	701	B23CB9		80.47
566925.9	135325	130.847	299-W17-3	3/19/2010	206.137	530	B23CB8		75.29
566862.5	135196.9	112.24	299-W18-260	10/14/2014	205.052	28.1	B2XPN2		92.812
566862.5	135196.9	118.154	299-W18-260	10/8/2014	205.052	43.5	B2XPM9		86.898
566862.5	135196.9	124.31	299-W18-260	10/2/2014	205.052	1060	B2XPM6		80.742
566862.5	135196.9	129.762	299-W18-260	9/22/2014	205.052	1340	B2XPM3		75.29
566045.1	135048.5	56.656	299-W18-41	9/2/2014	204.756	6.09	B2X8W6		148.1
566045.1	135048.5	75.096	299-W18-41	8/21/2014	204.756	61.9	B2X8W1		129.66
566045.1	135048.5	80.546	299-W18-41	8/15/2014	204.756	55.9	B2X8V6		124.21
566045.1	135048.5	86.736	299-W18-41	8/13/2014	204.756	38.6	B2X8V1		118.02
566045.1	135048.5	92.956	299-W18-41	8/12/2014	204.756	46.5	B2X8T1		111.8
566045.1	135048.5	99.056	299-W18-41	8/11/2014	204.756	43.5	B2X8R6		105.7
566045.1	135048.5	105.147	299-W18-41	8/6/2014	204.756	85.3	B2X8R1		99.609
566045.1	135048.5	110.969	299-W18-41	7/18/2014	204.756	30.3	B2X8P6		93.787
566045.1	135048.5	120.174	299-W18-41	7/11/2014	204.756	112	B2X8P1		84.582
566045.1	135048.5	126.514	299-W18-41	7/10/2014	204.756	58.4	B2X8N6		78.242
566045.1	135048.5	132.762	299-W18-41	7/8/2014	204.756	47	B2X8M6		71.994
568007.7	135206.9	125.06	299-W19-104	3/29/2006	216.5	17.3	B1H2H5		91.44
568007.7	135206.9	129.02	299-W19-104	3/28/2006	216.5	58.5	B1H2H4		87.48
567565.2	134745.4	97.16	299-W19-105	1/16/2006	212.96	34.2	B1H2J2		115.8
567565.2	134745.4	109.36	299-W19-105	1/13/2006	212.96	205	B1H2J1		103.6
567565.2	134745.4	118.47	299-W19-105	1/12/2006	212.96	85.5	B1H2J0		94.49
567565.2	134745.4	127.62	299-W19-105	1/11/2006	212.96	205	B1H2H9		85.34

Depth-discrete data used in 3D plume generation for technetium-99

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Technetium-99 (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
567997.9	135205.7	86.57	299-W19-107	4/10/2006	216.67	17.1	B1H2H8		130.1
567997.9	135205.7	94.77	299-W19-107	4/7/2006	216.67	171	B1H2H7		121.9
567997.9	135205.7	106.97	299-W19-107	4/5/2006	216.67	38	B1H2H6		109.7
567997.9	135205.7	119.13	299-W19-107	4/4/2006	216.67	68.3	B1J1W5		97.54
567313	135547	94.021	299-W19-111	8/5/2015	214.261	3.59	B31DM9		120.24
567313	135547	100.111	299-W19-111	8/5/2015	214.261	10.5	B31DM4		114.15
567313	135547	105.99	299-W19-111	8/4/2015	214.261	12.9	B31DL9		108.271
567313	135547	118.212	299-W19-111	7/30/2015	214.261	2.57	B31DK4		96.0486
567689.6	135008.2	109.197	299-W19-113	11/20/2014	214.537	312	B2XBB4		105.34
567689.6	135008.2	115.386	299-W19-113	11/17/2014	214.537	58.2	B2XBB2		99.151
567689.6	135008.2	121.39	299-W19-113	11/11/2014	214.537	1010	B2XB96		93.147
567689.6	135008.2	127.057	299-W19-113	8/5/2014	214.537	4790	B2XB94		87.48
567901.9	135013.2	94.774	299-W19-114	10/9/2014	213.674	223	B2YDX9		118.9
567901.9	135013.2	103.884	299-W19-114	9/25/2014	213.674	1280	B2Y5R4		109.79
567901.9	135013.2	110.074	299-W19-114	9/24/2014	213.674	5330	B2XBF6		103.6
567901.9	135013.2	116.29	299-W19-114	9/23/2014	213.674	3080	B2XBF1		97.384
567901.9	135013.2	122.386	299-W19-114	9/22/2014	213.674	4650	B2XBD5		91.288
567901.9	135013.2	126.804	299-W19-114	9/18/2014	213.674	110	B2XBD0		86.87
568510	135090	79.55	299-W19-116	2/4/2016	217.5	148	B34HP6		137.95
568510	135090	84.45	299-W19-116	2/3/2016	217.5	144	B348H3		133.05
568510	135090	93.48	299-W19-116	2/2/2016	217.5	189	B348F7		124.02
568510	135090	99.63	299-W19-116	2/1/2016	217.5	240	B348F1		117.87
568510	135090	108.44	299-W19-116	1/27/2016	217.5	300	B348D5		109.06
568510	135090	117.769	299-W19-116	1/26/2016	217.5	446	B348C9		99.731
568510	135090	126.9744	299-W19-116	1/21/2016	217.5	387	B348C3		90.5256
567782.7	134842.5	98.19	299-W19-46	11/21/2002	213.39	215	B15PC2		115.2
567782.7	134842.5	103.69	299-W19-46	11/21/2002	213.39	55.7	B15PC4		109.7
567782.7	134842.5	109.79	299-W19-46	11/20/2002	213.39	715	B15PC0		103.6
567782.7	134842.5	115.85	299-W19-46	11/20/2002	213.39	1360	B15PC3		97.54
567782.7	134842.5	121.95	299-W19-46	11/20/2002	213.39	212	B15PB8		91.44
567782.7	134842.5	128.05	299-W19-46	11/19/2002	213.39	163	B15PC1		85.34
567782.7	134842.5	131.4	299-W19-46	11/19/2002	213.39	153	B15PB9		81.99
567822.9	134926	82.93	299-W19-48	12/16/2004	212.13	37	B19388		129.2
567822.9	134926	89.63	299-W19-48	12/14/2004	212.13	34.2	B19J12		122.5
567822.9	134926	106.93	299-W19-48	12/9/2004	212.13	154	B19J11		105.2
567822.9	134926	120.69	299-W19-48	12/9/2004	212.13	154	B193J5		91.44
567822.9	134926	123.74	299-W19-48	11/30/2004	212.13	1520	B19J10		88.39
567568	134894.4	97.63	299-W19-49	9/6/2005	213.43	770	B1DF59		115.8
567568	134894.4	106.73	299-W19-49	9/2/2005	213.43	1320	B1DF58		106.7
567568	134894.4	116.5	299-W19-49	9/1/2005	213.43	342	B1DF57		96.93
567568	134894.4	122.6	299-W19-49	9/1/2005	213.43	154	B1DF56		90.83
567568	134894.4	128.7	299-W19-49	9/1/2005	213.43	137	B1DF92		84.73

Depth-discrete data used in 3D plume generation for technetium-99

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Technetium-99 (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
567939.3	135011.8	115.59	299-W19-50	8/11/2005	213.13	513	B1DF62		97.54
567939.3	135011.8	122.3	299-W19-50	8/9/2005	213.13	393	B1DF61		90.83
567939.3	135011.8	128.4	299-W19-50	8/8/2005	213.13	992	B1DF60		84.73
568124.4	134573.8	98.04	299-W21-2	12/7/2004	214.14	51.3	B1BXJ2		116.1
568124.4	134573.8	101.64	299-W21-2	12/6/2004	214.14	34.2	B1BRF0		112.5
568124.4	134573.8	107.74	299-W21-2	12/2/2004	214.14	24	B1BRB2		106.4
568124.4	134573.8	112.34	299-W21-2	12/1/2004	214.14	0	B1BRD9		101.8
568124.4	134573.8	119.96	299-W21-2	11/29/2004	214.14	0	B1BRD7		94.18
568124.4	134573.8	126.05	299-W21-2	11/24/2004	214.14	257	B1BRD8		88.09
568124.4	134573.8	134.89	299-W21-2	12/2/2004	214.14	0	B1BRF1		79.25
568571	133988	85.23	299-W21-3	3/9/2016	212	6.88	B349N8		126.77
568571	133988	91.42	299-W21-3	3/9/2016	212	13.8	B349N2		120.58
568571	133988	100.2	299-W21-3	3/8/2016	212	30.7	B349M6		111.8
568571	133988	109.441	299-W21-3	3/2/2016	212	28.4	B349M0		102.559
568571	133988	115.747	299-W21-3	3/2/2016	212	38	B349L4		96.2528
568571	133988	129.186	299-W21-3	2/29/2016	212	125	B349K8		82.814
566908.7	134076.3	99.43	299-W22-47	1/21/2005	205.53	51.3	B1BW78		106.1
566908.7	134076.3	101.03	299-W22-47	1/21/2005	205.53	51.3	B1BW85		104.5
566908.7	134076.3	102.53	299-W22-47	1/21/2005	205.53	51.3	B1BW84		103
566908.7	134076.3	104.03	299-W22-47	1/20/2005	205.53	93.1	B1BW83		101.5
566908.7	134076.3	105.56	299-W22-47	1/20/2005	205.53	337	B1BW74		99.97
566908.7	134076.3	107.08	299-W22-47	1/20/2005	205.53	86.2	B1BW82		98.45
566908.7	134076.3	108.6	299-W22-47	1/19/2005	205.53	323	B1BW81		96.93
566908.7	134076.3	110.13	299-W22-47	1/19/2005	205.53	628	B1BW80		95.4
566908.7	134076.3	111.65	299-W22-47	1/19/2005	205.53	267	B1BW92		93.88
566908.7	134076.3	113.18	299-W22-47	1/19/2005	205.53	1970	B1BW77		92.35
566908.7	134076.3	114.7	299-W22-47	1/19/2005	205.53	12500	B1BW76		90.83
566908.7	134076.3	116.22	299-W22-47	1/17/2005	205.53	11200	B1BW73		89.31
566908.7	134076.3	117.75	299-W22-47	1/13/2005	205.53	15300	B1BW90		87.78
566908.7	134076.3	119.27	299-W22-47	1/13/2005	205.53	16600	B1BW72		86.26
566908.7	134076.3	120.8	299-W22-47	1/12/2005	205.53	15100	B1BW71		84.73
566908.7	134076.3	122.32	299-W22-47	1/12/2005	205.53	14100	B1BW70		83.21
566908.7	134076.3	123.54	299-W22-47	1/12/2005	205.53	20900	B1BW88		81.99
566908.7	134076.3	125.37	299-W22-47	1/11/2005	205.53	20900	B1BW69		80.16
566908.7	134076.3	126.89	299-W22-47	1/11/2005	205.53	20400	B1BW68		78.64
566908.7	134076.3	128.42	299-W22-47	1/10/2005	205.53	20700	B1BW67		77.11
566908.7	134076.3	129.94	299-W22-47	1/10/2005	205.53	19700	B1BW86		75.59
566908.7	134076.3	131.46	299-W22-47	1/6/2005	205.53	11300	B1BW66		74.07
566908.7	134076.3	132.38	299-W22-47	1/5/2005	205.53	16900	B1BW65		73.15
566908.7	134076.3	133.9	299-W22-47	1/5/2005	205.53	10700	B1BW64		71.63
566908.7	134076.3	135.12	299-W22-47	1/5/2005	205.53	323	B1BW62		70.41
567179.6	134347.8	92.42	299-W22-69	2/8/2006	207.27	17.1	B1H2J6		114.85

Depth-discrete data used in 3D plume generation for technetium-99

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Technetium-99 (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
567179.6	134347.8	110.801	299-W22-69	2/2/2006	207.27	171	B1H2J5		96.469
567179.6	134347.8	118.88	299-W22-69	2/1/2006	207.27	171	B1H3D7		88.39
567179.6	134347.8	128.33	299-W22-69	1/30/2006	207.27	1080	B1H2J3		78.94
567237.4	134207.1	98.298	299-W22-72	2/28/2006	207.34	17.1	B1HTJ2		109.042
567237.4	134207.1	109.8	299-W22-72	2/28/2006	207.34	17.1	B1H3D8		97.54
567237.4	134207.1	112.85	299-W22-72	2/27/2006	207.34	342	B1HT51		94.49
567237.4	134207.1	118.95	299-W22-72	2/24/2006	207.34	103	B1H2J8		88.39
567237.4	134207.1	130.84	299-W22-72	2/23/2006	207.34	137	B1H2J7		76.5
567186.7	134041.3	99	299-W22-86	3/16/2006	205.7	113	B1H2K4		106.7
567186.7	134041.3	108.16	299-W22-86	3/15/2006	205.7	167	B1H3D9		97.54
567186.7	134041.3	111.21	299-W22-86	3/14/2006	205.7	161	B1HTJ6		94.49
567186.7	134041.3	115.78	299-W22-86	3/15/2006	205.7	102	B1HXX4		89.92
567186.7	134041.3	117.31	299-W22-86	3/14/2006	205.7	645	B1HTJ5		88.39
567186.7	134041.3	124.32	299-W22-86	3/13/2006	205.7	1310	B1HTJ4		81.38
567186.7	134041.3	129.5	299-W22-86	3/13/2006	205.7	2000	B1HTJ3		76.2
567541.8	134539.9	95.47	299-W22-87	12/27/2005	211.27	51.3	B1H2K8		115.8
567541.8	134539.9	110.67	299-W22-87	12/22/2005	211.27	342	B1H3F0		100.6
567541.8	134539.9	119.83	299-W22-87	12/21/2005	211.27	17.1	B1H2K6		91.44
567541.8	134539.9	129.28	299-W22-87	12/20/2005	211.27	342	B1H2K5		81.99
566598.7	135438.2	74.789	299-W22-88	2/28/2008	208.289	86.4	B1PM69		133.5
568046.5	134390.5	79.64	299-W22-88	2/28/2008	213.14	17.1	B1PM97		133.5
566598.7	135438.2	92.489	299-W22-88	2/27/2008	208.289	86.4	B1PM68		115.8
568046.5	134390.5	97.34	299-W22-88	2/27/2008	213.14	17.1	B1PM96		115.8
566598.7	135438.2	102.489	299-W22-88	2/20/2008	208.289	86.4	B1PM67		105.8
568046.5	134390.5	107.34	299-W22-88	2/20/2008	213.14	17.1	B1PM95		105.8
566598.7	135438.2	114.719	299-W22-88	2/15/2008	208.289	86.4	B1PM66		93.57
568046.5	134390.5	119.57	299-W22-88	2/15/2008	213.14	17.1	B1PM94		93.57
566598.7	135438.2	124.169	299-W22-88	2/13/2008	208.289	86.4	B1PM65		84.12
568046.5	134390.5	129.02	299-W22-88	2/13/2008	213.14	17.1	B1PM93		84.12
566906.8	134031.7	124.045	299-W22-89	6/11/2010	205.457	12	B24CN4		81.412
566906.8	134031.7	127.127	299-W22-89	6/10/2010	205.457	1.8	B24CM7		78.33
566961.4	134483.2	111.97	299-W22-90	11/3/2011	207.07	1.75	B2CP03		95.1
566961.4	134483.2	123.97	299-W22-90	10/26/2011	207.07	727	B2CP01		83.1
566961.4	134483.2	117.87	299-W22-90	10/31/2011	207.07	13.7	B2CP02		89.2
566961.4	134483.2	130.47	299-W22-90	10/24/2011	207.07	5520	B2CP00		76.6
566911.8	134134.5	112.289	299-W22-91	9/21/2011	204.4	17.1	B2CRX9		92.111
566911.8	134134.5	118.02	299-W22-91	9/16/2011	204.4	1690	B2CPF1		86.38
566911.8	134134.5	124.24	299-W22-91	9/14/2011	204.4	29100	B2CPF0		80.16
566911.8	134134.5	130.94	299-W22-91	9/7/2011	204.4	4280	B2CPD9		73.46
567167.8	134029.8	112.288	299-W22-92	7/18/2011	205.558	257	B2CT17		93.27
567167.8	134029.8	118.998	299-W22-92	7/11/2011	205.558	2220	B2CT16		86.56
567167.8	134029.8	124.725	299-W22-92	7/1/2011	205.558	10300	B2CT15		80.833

Depth-discrete data used in 3D plume generation for technetium-99

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Technetium-99 (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
567167.8	134029.8	130.912	299-W22-92	6/15/2011	205.558	5300	B2CT14		74.646
567009.8	134429.8	108.932	299-W22-94	9/12/2013	207.291	1.8	B2R1R3		98.359
567009.8	134429.8	121.063	299-W22-94	9/3/2013	207.291	6.3	B2R1R1		86.228
567009.8	134429.8	127.372	299-W22-94	8/27/2013	207.291	280	B2R1R0		79.919
567170.5	134549.1	111.399	299-W22-95	9/9/2013	208.264	17.1	B2PW29		96.865
567170.5	134549.1	118.217	299-W22-95	9/3/2013	208.264	17.1	B2PW25		90.0471
567170.5	134549.1	127.355	299-W22-95	8/26/2013	208.264	280	B2PW23		80.9092
567170.5	134549.1	129.589	299-W22-95	8/20/2013	208.264	250	B2PW19		78.675
567351.9	134145.6	124.864	299-W22-96	5/26/2011	208.501	17.1	B2CTT9		83.637
567351.9	134145.6	130.781	299-W22-96	5/23/2011	208.501	1390	B2CTT8		77.72
566798.7	134128.2	120.215	299-W23-236	4/16/2015	199.89	5.47	B31361		79.675
566798.7	134128.2	130.182	299-W23-236	4/15/2015	199.89	3.92	B31359		69.708
568175.4	137621.1	81.202	299-W5-2	10/7/2015	217.115	481	B31D21		135.913
568175.4	137621.1	86.981	299-W5-2	10/6/2015	217.115	536	B31D16		130.134
568175.4	137621.1	91.004	299-W5-2	12/1/2015	217.115	41.9	B31F07		126.111
568175.4	137621.1	93.226	299-W5-2	10/6/2015	217.115	568	B31D05		123.889
568175.4	137621.1	101.745	299-W5-2	10/1/2015	217.115	54.5	B31D00		115.37
568175.4	137621.1	108.275	299-W5-2	10/1/2015	217.115	603	B31CY5		108.84
568175.4	137621.1	111.42	299-W5-2	9/30/2015	217.115	336	B31CY0		105.695
568175.4	137621.1	118.793	299-W5-2	9/30/2015	217.115	412	B31CX5		98.3224
568175.4	137621.1	123.651	299-W5-2	9/28/2015	217.115	645	B31CX0		93.4639
567313.3	137630.6	81.504	299-W6-13	8/4/2011	216.804	113	B2BJ63		135.3
567313.3	137630.6	87.604	299-W6-13	8/4/2011	216.804	103	B2BJ62		129.2
567313.3	137630.6	93.704	299-W6-13	8/3/2011	216.804	130	B2BJ61		123.1
567313.3	137630.6	99.804	299-W6-13	8/3/2011	216.804	132	B2BJ60		117
567313.3	137630.6	105.904	299-W6-13	8/2/2011	216.804	89	B2BJ59		110.9
567313.3	137630.6	111.904	299-W6-13	8/2/2011	216.804	95.8	B2BJ58		104.9
567313.3	137630.6	118.044	299-W6-13	8/1/2011	216.804	73.6	B2BJ68		98.76
567313.3	137630.6	124.144	299-W6-13	7/27/2011	216.804	53	B2BJ55		92.66
567313.3	137630.6	130.244	299-W6-13	7/27/2011	216.804	18.8	B2BJ54		86.56
566939.6	137388.9	67.614	299-W6-14	5/17/2011	212.114	18.8	B2DVW2		144.5
566939.6	137388.9	71.314	299-W6-14	5/12/2011	212.114	20.5	B2DVV9		140.8
566939.6	137388.9	77.414	299-W6-14	5/10/2011	212.114	17.1	B2DW58		134.7
566939.6	137388.9	82.914	299-W6-14	5/6/2011	212.114	20.5	B2BLH8		129.2
566939.6	137388.9	89.014	299-W6-14	5/4/2011	212.114	25.7	B2BLH7		123.1
566939.6	137388.9	95.114	299-W6-14	5/4/2011	212.114	35.9	B2BLK0		117
566939.6	137388.9	101.214	299-W6-14	5/3/2011	212.114	25.7	B2BLH5		110.9
566939.6	137388.9	107.214	299-W6-14	4/29/2011	212.114	34.2	B2BLH4		104.9
566939.6	137388.9	113.354	299-W6-14	4/28/2011	212.114	17.1	B2BLH3		98.76
566939.6	137388.9	119.764	299-W6-14	4/26/2011	212.114	27.4	B2BLH2		92.35
566939.6	137388.9	125.554	299-W6-14	4/26/2011	212.114	34.2	B2BLH1		86.56
569991	132739.2	90.8	699-30-66	10/12/2004	209.7	342	B19J03		118.9

Depth-discrete data used in 3D plume generation for technetium-99

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Technetium-99 (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
569991	132739.2	104.5	699-30-66	10/5/2004	209.7	257	B19J02		105.2
569991	132739.2	114.91	699-30-66	9/21/2004	209.7	34.2	B19J01		94.79
569991	132739.2	125.728	699-30-66	9/9/2004	209.7	17.1	B19J00	83.668	83.972
566683.9	133137.7	98.769	699-32-76	12/12/2007	203.969	86.4	B1PM59		105.2
566683.9	133137.7	98.77	699-32-76	12/12/2007	203.97	17.1	B1PM87		105.2
566683.9	133137.7	99.069	699-32-76	12/14/2007	203.969	86.4	B1PM60		104.9
566683.9	133137.7	99.07	699-32-76	12/14/2007	203.97	17.1	B1PM88		104.9
566683.9	133137.7	120.211	699-32-76	12/11/2007	203.97	17.1	B1PM86		83.759
566683.9	133137.7	120.301	699-32-76	12/11/2007	203.969	86.4	B1PM58		83.668
566683.9	133137.7	128.99	699-32-76	12/6/2007	203.97	17.1	B1PM85		74.98
566683.9	133137.7	129.599	699-32-76	12/6/2007	203.969	86.4	B1PM57		74.37
567472.7	133552.2	96.269	699-33-74	3/24/2008	205.369	481	B1PM80		109.1
567472.7	133552.2	108.439	699-33-74	3/21/2008	205.369	902	B1PM79		96.93
567472.7	133552.2	117.59	699-33-74	3/18/2008	205.37	958	B1PM78		87.78
567472.7	133552.2	126.73	699-33-74	3/18/2008	205.37	701	B1PM77		78.64
566907.8	133662.5	101.1	699-33-75	1/22/2008	206.6	17.1	B1PM84		105.5
566907.8	133662.5	101.104	699-33-75	1/22/2008	206.604	86.4	B1PM56		105.5
566907.8	133662.5	113.03	699-33-75	1/18/2008	206.6	17.1	B1PM83		93.57
566907.8	133662.5	113.034	699-33-75	1/18/2008	206.604	86.4	B1PM55		93.57
566907.8	133662.5	122.78	699-33-75	1/17/2008	206.6	17.1	B1PM82		83.82
566907.8	133662.5	122.784	699-33-75	1/17/2008	206.604	86.4	B1PM54		83.82
566907.8	133662.5	131.62	699-33-75	1/16/2008	206.6	17.1	B1PM81	74.37	74.98
566907.8	133662.5	131.624	699-33-75	1/16/2008	206.604	86.4	B1PM53	74.37	74.98
566621.2	133600.4	98.84	699-33-76	3/6/2008	203.2	17.1	B1PM92		104.36
566621.2	133600.4	98.842	699-33-76	3/6/2008	203.202	86.4	B1PM64		104.36
566621.2	133600.4	110.876	699-33-76	3/5/2008	203.2	17.1	B1PM91		92.324
566621.2	133600.4	110.878	699-33-76	3/5/2008	203.202	86.4	B1PM63		92.324
566621.2	133600.4	119.99	699-33-76	3/4/2008	203.2	17.1	B1PM90		83.21
566621.2	133600.4	119.992	699-33-76	3/4/2008	203.202	86.4	B1PM62		83.21
566621.2	133600.4	129.13	699-33-76	3/3/2008	203.2	17.1	B1PM89		74.07
566621.2	133600.4	129.132	699-33-76	3/3/2008	203.202	86.4	B1PM61		74.07
567860	133785.3	78.1	699-34-72	3/10/2008	205.17	17.1	B1PM76		127.07
567860	133785.3	92.76	699-34-72	3/5/2008	205.17	17.1	B1PM75		112.41
567860	133785.3	92.859	699-34-72	3/5/2008	205.269	86.4	B1PM47		112.41
567860	133785.3	105.04	699-34-72	3/4/2008	205.17	58.2	B1PM74		100.13
567860	133785.3	105.139	699-34-72	3/4/2008	205.269	89.3	B1PM46		100.13
567860	133785.3	117.57	699-34-72	2/29/2008	205.17	68.4	B1PM73		87.6
567860	133785.3	117.669	699-34-72	2/29/2008	205.269	86.4	B1PM45		87.6
567860	133785.3	126.53	699-34-72	2/28/2008	205.17	85.5	B1PM72		78.64
567860	133785.3	126.629	699-34-72	2/28/2008	205.269	111	B1PM44		78.64
568427.8	134626	86.49	699-36-70B	9/24/2004	214.49	171	B19J09		128
568427.8	134626	100.19	699-36-70B	9/14/2004	214.49	34.2	B19J08		114.3

Depth-discrete data used in 3D plume generation for technetium-99

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Technetium-99 (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
568427.8	134626	110.89	699-36-70B	9/9/2004	214.49	17.1	B19J07		103.6
568427.8	134626	121.53	699-36-70B	9/2/2004	214.49	51.3	B19J06		92.96
568427.8	134626	130.67	699-36-70B	8/18/2004	214.49	250	B19150		83.82
570189.6	135318.8	66.476	699-38-64	10/23/2014	230.776	13.8	B2XBT4		164.3
570189.6	135318.8	71.676	699-38-64	10/21/2014	230.776	17.4	B2XBR9		159.1
570189.6	135318.8	78.836	699-38-64	10/20/2014	230.776	9.22	B2XBR4		151.94
570189.6	135318.8	81.576	699-38-64	10/20/2014	230.776	21.4	B2XBP9		149.2
570189.6	135318.8	85.446	699-38-64	10/15/2014	230.776	19.7	B2XBP4		145.33
570189.6	135318.8	91.326	699-38-64	10/13/2014	230.776	21.2	B2XBN9		139.45
570189.6	135318.8	116.236	699-38-64	10/3/2014	230.776	181	B2XBN5		114.54
570189.6	135318.8	122.726	699-38-64	9/26/2014	230.776	208	B2XBM5		108.05
570057.5	135881.2	120.94	699-40-65	12/18/2003	230.34	190	B181M4		109.4
569420.3	135815.7	67.319	699-40-67	4/8/2014	228.738	17.1	B2W2H9		161.419
569420.3	135815.7	74.538	699-40-67	4/1/2014	228.738	17.1	B2W2H1		154.2
569420.3	135815.7	80.328	699-40-67	3/31/2014	228.738	34.2	B2W2F7		148.41
569420.3	135815.7	86.948	699-40-67	3/27/2014	228.738	34.2	B2W2F3		141.79
569420.3	135815.7	92.648	699-40-67	3/26/2014	228.738	17.1	B2W2D5		136.09
569420.3	135815.7	98.828	699-40-67	3/25/2014	228.738	17.1	B2W2D1		129.91
569420.3	135815.7	118.828	699-40-67	3/13/2014	228.738	222	B2W2C7		109.91
569420.3	135815.7	124.238	699-40-67	3/11/2014	228.738	291	B2W2C3		104.5
569390.3	136199.8	71.445	699-42-67	11/28/2011	228.265	20.5	B2JD95		156.82
569390.3	136199.8	76.465	699-42-67	11/22/2011	228.265	17.1	B2JD89		151.8
569390.3	136199.8	82.565	699-42-67	11/21/2011	228.265	24	B2JD77		145.7
569390.3	136199.8	88.965	699-42-67	11/17/2011	228.265	18.8	B2BTJ2		139.3
569390.3	136199.8	95.365	699-42-67	11/16/2011	228.265	22.2	B2BTJ1		132.9
569390.3	136199.8	100.865	699-42-67	11/15/2011	228.265	27.4	B2BTJ0		127.4
569390.3	136199.8	113.205	699-42-67	10/19/2011	228.265	240	B2BTK0		115.06
569390.3	136199.8	119.175	699-42-67	10/18/2011	228.265	240	B2BTH8		109.09
569390.3	136199.8	125.425	699-42-67	10/17/2011	228.265	58.2	B2BTH7		102.84
569369.9	136560.4	84.002	699-43-67	8/2/2010	227.302	17.1	B24JR7		143.3
569369.9	136560.4	91.102	699-43-67	7/28/2010	227.302	17.1	B24JR6		136.2
569369.9	136560.4	96.502	699-43-67	7/28/2010	227.302	17.1	B24JR5		130.8
569369.9	136560.4	102.602	699-43-67	7/8/2010	227.302	17.1	B24JR4		124.7
569369.9	136560.4	121.602	699-43-67	7/1/2010	227.302	73.6	B24JR3		105.7
569369.9	136560.4	127.332	699-43-67	6/30/2010	227.302	17.1	B24JR2		99.97
568967	136488.5	73.84	699-43-69	4/9/2008	226.54	0.6	B1P0V0		152.7
568967	136488.5	87.84	699-43-69	4/2/2008	226.54	0.4	B1P0T8		138.7
568967	136488.5	94.24	699-43-69	4/1/2008	226.54	2.5	B1P0T7		132.3
568967	136488.5	115.64	699-43-69	3/18/2008	226.54	1.5	B1P0T5		110.9
569338	136894.3	80.565	699-44-67	11/10/2011	224.165	17.1	B2J9D7		143.6
569338	136894.3	84.715	699-44-67	11/9/2011	224.165	17.1	B2J9D9		139.45
569338	136894.3	91.265	699-44-67	11/8/2011	224.165	18.8	B2BPJ4		132.9

Depth-discrete data used in 3D plume generation for technetium-99

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Technetium-99 (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
569338	136894.3	97.365	699-44-67	11/7/2011	224.165	17.1	B2BPJ3		126.8
569338	136894.3	103.465	699-44-67	11/4/2011	224.165	17.1	B2BPJ2		120.7
569338	136894.3	109.865	699-44-67	11/3/2011	224.165	17.1	B2BTD2		114.3
569338	136894.3	124.495	699-44-67	10/25/2011	224.165	22.2	B2BPJ0		99.67
569257	137263	92.071	699-45-67	7/27/2010	219.771	24	B24JP9		127.7
569257	137263	97.871	699-45-67	7/23/2010	219.771	17.1	B24JP8		121.9
569257	137263	103.921	699-45-67	7/22/2010	219.771	17.1	B24JP7		115.85
569257	137263	120.711	699-45-67	7/16/2010	219.771	17.1	B24JP6		99.06
569257	137263	125.591	699-45-67	7/15/2010	219.771	17.1	B24JP5		94.18
568947.1	137233.8	83.57	699-45-69C	10/1/2007	221.67	0.7	B1P110	135.9	138.1
568947.1	137233.8	102.77	699-45-69C	9/6/2007	221.67	13	B1P108		118.9
568947.1	137233.8	110.07	699-45-69C	8/31/2007	221.67	8.3	B1PK67		111.6
569109.8	137600.9	83.862	699-46-68	4/16/2014	217.062	171	B2WJ53		133.2
569109.8	137600.9	91.762	699-46-68	4/10/2014	217.062	171	B2W233		125.3
569109.8	137600.9	98.762	699-46-68	4/7/2014	217.062	188	B2W229		118.3
569109.8	137600.9	105.902	699-46-68	3/4/2014	217.062	308	B2W221		111.16
569109.8	137600.9	124.921	699-46-68	2/27/2014	217.062	17.1	B2W217		92.141
568829.7	137966.5	87.53	699-49-69	6/9/2014	211.09	88.5	B2W378		123.56
568829.7	137966.5	93.8	699-49-69	6/5/2014	211.09	101	B2W374		117.29
568829.7	137966.5	99.875	699-49-69	6/4/2014	211.09	143	B2W366		111.215
568829.7	137966.5	105.94	699-49-69	6/3/2014	211.09	130	B2W362		105.15
568829.7	137966.5	110.79	699-49-69	6/2/2014	211.09	133	B2W358		100.3
568829.7	137966.5	118.288	699-49-69	5/29/2014	211.09	128	B2W350		92.8025
568829.7	137966.5	124.22	699-49-69	5/29/2014	211.09	109	B2W346		86.87

Annual average data used in 3D plume generation for technetium-99

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Technetium-99 (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
567673.6	135012.2	113.3449	299-W19-34A	10/9/2013	214.508	330	B2R4B5		101.1631
567662.9	135010.7	87.57452	299-W19-34B	10/9/2013	214.51	29	B2R4C4		126.9355
568469.1	135331	126.11	699-38-70B	2/4/2004	221.82	10	B181M6		95.71
569084.1	135325.6	98.53	699-38-70C	2/20/2004	225.93	1200	B181N4		127.4
569084.1	135325.6	104.33	699-38-70C	2/20/2004	225.93	1200	B181N3		121.6
569084.1	135325.6	114.63	699-38-70C	2/19/2004	225.93	970	B181N2		111.3
569084.1	135325.6	125.63	699-38-70C	2/18/2004	225.93	1600	B181N1		100.3

Attachment D

Data used in 3D Plume Generation for Tritium

This chart only includes the data used to generate the 3D plume in Leapfrog. Repeat data which were uploaded to Leapfrog but were not used to generate the plume have not been included.

Depth-discrete data used in 3D plume generation for tritium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Tritium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
571003.1	134505.3	120.563	299-E11-1	8/16/2015	227.703	125000	B31FC8		107.14
571003.1	134505.3	117.453	299-E11-1	8/17/2015	227.703	159000	B31FD6		110.25
571003.1	134505.3	111.423	299-E11-1	8/18/2015	227.703	115000	B31FF4		116.28
571003.1	134505.3	105.293	299-E11-1	8/19/2015	227.703	88200	B31FF8		122.41
570503	135199.8	115.413	299-E20-1	7/1/2015	231.813	25600	B31F68		116.4
570503	135199.8	112.313	299-E20-1	7/7/2015	231.813	23100	B31F76		119.5
570897.9	134895.8	119.328	299-E20-2	7/27/2015	227.868	133000	B31F89		108.54
570897.9	134895.8	116.248	299-E20-2	7/28/2015	227.868	78200	B31F97		111.62
570897.9	134895.8	110.158	299-E20-2	7/29/2015	227.868	99900	B31FB5		117.71
566024.7	136995.5	130.652	299-W10-35	11/15/2010	212.032	130	B24J95		81.38
566024.7	136995.5	118.58	299-W10-35	11/17/2010	212.032	150	B24JJ5		93.452
566024.7	136995.5	110.962	299-W10-35	11/18/2010	212.032	650	B24J98		101.07
566024.7	136995.5	99.532	299-W10-35	11/29/2010	212.032	78	B24JB0		112.5
566024.7	136995.5	81.932	299-W10-35	12/3/2010	212.032	170	B24JB3		130.1
566024.7	136995.5	60.232	299-W10-35	12/8/2010	212.032	18	B24JB5		151.8
566019.2	137452	117.797	299-W10-36	6/28/2011	210.457	110	B2BN93		92.66
566019.2	137452	111.697	299-W10-36	6/29/2011	210.457	110	B2BN94		98.76
566019.2	137452	105.557	299-W10-36	6/29/2011	210.457	200	B2BN95		104.9
566019.2	137452	99.557	299-W10-36	6/30/2011	210.457	79	B2BN96		110.9
566019.2	137452	87.357	299-W10-36	7/1/2011	210.457	90	B2BN98		123.1
566019.2	137452	81.257	299-W10-36	7/6/2011	210.457	62	B2BN99		129.2
566019.2	137452	71.157	299-W10-36	7/13/2011	210.457	28	B2BNB0		139.3
567361.5	135924.7	125.479	299-W11-49	2/8/2010	216.009	180	B23FB0		90.53
567361.5	135924.7	113.309	299-W11-49	2/10/2010	216.009	1100	B23CX6		102.7
567361.5	135924.7	107.209	299-W11-49	2/12/2010	216.009	950	B23CX7		108.8
567361.5	135924.7	101.109	299-W11-49	2/17/2010	216.009	1100	B23CX8		114.9
567361.5	135924.7	95.009	299-W11-49	2/25/2010	216.009	1000	B23CX9		121
567361.5	135924.7	88.909	299-W11-49	2/26/2010	216.009	960	B23CY0		127.1
567361.5	135924.7	84.009	299-W11-49	3/26/2010	216.009	1100	B23CY1		132
566966.3	136756.6	129.834	299-W11-50	9/1/2010	212.282	12000	B24116		82.448
566966.3	136756.6	125.412	299-W11-50	11/1/2010	212.282	1200	B23WT5		86.87
566966.3	136756.6	123.892	299-W11-50	9/3/2010	212.282	11000	B23WW2		88.39
566966.3	136756.6	111.082	299-W11-50	9/13/2010	212.282	11000	B23WT3		101.2
566966.3	136756.6	106.182	299-W11-50	9/16/2010	212.282	7000	B23WW8		106.1
566966.3	136756.6	99.482	299-W11-50	9/24/2010	212.282	5400	B23WT4	111.8	112.8
566966.3	136756.6	88.182	299-W11-50	11/4/2010	212.282	2300	B23WV2		124.1
566966.3	136756.6	82.182	299-W11-50	11/8/2010	212.282	1200	B23WV3		130.1
566966.3	136756.6	76.082	299-W11-50	11/10/2010	212.282	1800	B23WV4		136.2
566966.3	136756.6	69.982	299-W11-50	11/16/2010	212.282	2100	B240Y5		142.3
566966.3	136756.6	62.882	299-W11-50	11/22/2010	212.282	2900	B240Y6		149.4
568143.5	136610	126.97	299-W11-86	6/30/2006	222.68	305	B1JFV7	95.1	95.71
568143.5	136610	119.98	299-W11-86	7/7/2006	222.68	132	B1JFV8	101.65	102.7
568143.5	136610	106.28	299-W11-86	7/12/2006	222.68	93.6	B1JFW0	116.28	116.4

Depth-discrete data used in 3D plume generation for tritium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Tritium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
568143.5	136610	89.48	299-W11-86	7/25/2006	222.68	132	B1JFW2		133.2
568143.5	136610	73.68	299-W11-86	8/4/2006	222.68	37.8	B1JFW4	148.4	149
567874.7	137113.1	124.8	299-W11-88	11/29/2007	221.12	5180	B1P0M7	87.78	96.32
567874.7	137113.1	115.62	299-W11-88	11/29/2007	221.12	2500	B1P0M9	98.45	105.5
567874.7	137113.1	109.52	299-W11-88	12/3/2007	221.12	1590	B1P0N1	108.5	111.6
567874.7	137113.1	103.42	299-W11-88	12/5/2007	221.12	1410	B1P0N3	114.6	117.7
567874.7	137113.1	94.32	299-W11-88	12/6/2007	221.12	636	B1P0N5	123.7	126.8
567874.7	137113.1	84.52	299-W11-88	2/6/2008	221.12	897	B1P0N9		136.6
567874.7	137113.1	74.24	299-W11-88	2/13/2008	221.12	766	B1P0P1	146.46	146.88
567306.8	136519.7	127.926	299-W11-90	1/13/2010	218.146	3400	B23C91		90.22
567306.8	136519.7	124.876	299-W11-90	1/14/2010	218.146	1500	B23F98		93.27
567306.8	136519.7	118.786	299-W11-90	1/15/2010	218.146	5300	B23C93		99.36
567306.8	136519.7	112.646	299-W11-90	1/19/2010	218.146	15000	B23C94		105.5
567306.8	136519.7	106.546	299-W11-90	2/12/2010	218.146	21000	B23C95		111.6
567306.8	136519.7	100.446	299-W11-90	2/16/2010	218.146	19000	B23C96		117.7
567306.8	136519.7	94.446	299-W11-90	2/22/2010	218.146	24000	B23C97		123.7
567306.8	136519.7	88.346	299-W11-90	2/23/2010	218.146	21000	B23C98		129.8
567306.8	136519.7	82.246	299-W11-90	3/1/2010	218.146	23000	B23C99		135.9
567306.8	136519.7	76.146	299-W11-90	3/2/2010	218.146	23000	B23CB0		142
567306.8	136519.7	69.446	299-W11-90	3/4/2010	218.146	58000	B23CB1		148.7
567306.8	136519.7	63.346	299-W11-90	3/8/2010	218.146	22000	B23CB2		154.8
567306.8	136519.7	57.846	299-W11-90	3/18/2010	218.146	23000	B23CB3		160.3
566692.9	136351.8	128.988	299-W11-92	4/29/2010	204.578	1300	B24199		75.59
566692.9	136351.8	123.808	299-W11-92	4/30/2010	204.578	1300	B241B0		80.77
566692.9	136351.8	122.13	299-W11-92	9/1/2010	204.578	12000	B23WW1		82.448
566692.9	136351.8	117.098	299-W11-92	5/14/2010	204.578	1700	B241B1		87.48
566692.9	136351.8	110.398	299-W11-92	5/17/2010	204.578	1400	B241B2		94.18
566692.9	136351.8	109.788	299-W11-92	9/9/2010	204.578	13000	B23WW3		94.79
566692.9	136351.8	104.278	299-W11-92	5/17/2010	204.578	250	B241B3		100.3
566692.9	136351.8	98.178	299-W11-92	5/18/2010	204.578	290	B241B4		106.4
566692.9	136351.8	92.378	299-W11-92	5/20/2010	204.578	150	B241B5		112.2
566692.9	136351.8	86.278	299-W11-92	5/24/2010	204.578	110	B241B6		118.3
567775.5	136780.1	129.11	299-W11-93	10/19/2009	220.55	930	B21FM8		91.44
567775.5	136780.1	123.01	299-W11-93	10/20/2009	220.55	830	B21FM9		97.54
567775.5	136780.1	116.95	299-W11-93	10/21/2009	220.55	610	B21FN1		103.6
567775.5	136780.1	110.85	299-W11-93	10/22/2009	220.55	1400	B21FN2		109.7
567775.5	136780.1	104.75	299-W11-93	10/23/2009	220.55	3500	B21FN3		115.8
567775.5	136780.1	98.65	299-W11-93	10/26/2009	220.55	14000	B21FN4		121.9
567775.5	136780.1	86.59	299-W11-93	10/29/2009	220.55	6300	B21FN6		133.96
567775.5	136780.1	78.85	299-W11-93	11/17/2009	220.55	920	B21FN7		141.7
567775.5	136780.1	74.25	299-W11-93	11/18/2009	220.55	450	B21FN8		146.3
567775.5	136780.1	68.15	299-W11-93	11/19/2009	220.55	40	B21FN9		152.4
568317.6	135875.9	115.282	299-W11-97	6/30/2015	223.462	28.2	B31D61		108.18

Depth-discrete data used in 3D plume generation for tritium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Tritium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
568317.6	135875.9	110.362	299-W11-97	7/1/2015	223.462	154	B31D66		113.1
568317.6	135875.9	103.062	299-W11-97	7/6/2015	223.462	184	B31D71		120.4
568317.6	135875.9	98.162	299-W11-97	7/7/2015	223.462	178	B31D76		125.3
568317.6	135875.9	90.452	299-W11-97	7/7/2015	223.462	57.6	B31D86		133.01
568317.6	135875.9	72.262	299-W11-97	7/9/2015	223.462	66	B31DB1		151.2
568317.6	135875.9	66.162	299-W11-97	7/13/2015	223.462	25.5	B31DB6		157.3
568313	136610	124.75	299-W12-2	8/17/2009	222.29	46	B21F47		97.54
568313	136610	123.078	299-W12-2	8/18/2009	222.29	1.8	B21F49		99.212
568313	136610	116.79	299-W12-2	8/19/2009	222.29	32	B21F55		105.5
568313	136610	110.89	299-W12-2	8/20/2009	222.29	100	B21F56		111.4
568313	136610	104.99	299-W12-2	8/21/2009	222.29	2.2	B21F57		117.3
568313	136610	85.59	299-W12-2	8/27/2009	222.29	95	B21F60		136.7
568313	136610	78.99	299-W12-2	9/1/2009	222.29	100	B21F61		143.3
568324.8	136363.4	128.39	299-W12-3	9/18/2009	223.18	220	B21N68		94.79
568324.8	136363.4	121.98	299-W12-3	9/22/2009	223.18	1900	B21N69		101.2
568324.8	136363.4	116.04	299-W12-3	9/24/2009	223.18	2300	B21N70		107.14
568324.8	136363.4	108.88	299-W12-3	9/29/2009	223.18	290	B21N71	113.1	114.3
568324.8	136363.4	103.08	299-W12-3	9/30/2009	223.18	110	B21WH5		120.1
568324.8	136363.4	90.58	299-W12-3	10/2/2009	223.18	55	B21N74		132.6
568324.8	136363.4	78.68	299-W12-3	10/6/2009	223.18	17	B21N76		144.5
568324.8	136363.4	71.98	299-W12-3	10/8/2009	223.18	87	B21N77		151.2
568329	136363.4	124.83	299-W12-4	8/12/2009	222.37	33	B21FW9	96.32	97.54
568329	136363.4	121.77	299-W12-4	8/13/2009	222.37	38	B21FX0		100.6
568329	136363.4	115.67	299-W12-4	8/20/2009	222.37	19	B21FX2		106.7
568329	136363.4	103.77	299-W12-4	9/25/2009	222.37	58	B21FX4		118.6
568329	136363.4	98.68	299-W12-4	9/28/2009	222.37	170	B21FX5		123.69
568329	136363.4	92.37	299-W12-4	9/29/2009	222.37	71	B21FX6		130
568329	136363.4	72.84	299-W12-4	10/7/2009	222.37	47	B21FX9		149.53
568832.6	135819.4	116.645	299-W13-2	10/22/2015	225.3	217	B31CK5		108.655
568832.6	135819.4	110.488	299-W13-2	10/26/2015	225.3	43.4	B31CL1		114.812
568832.6	135819.4	104.9	299-W13-2	10/26/2015	225.3	169	B31CL6		120.4
568832.6	135819.4	92.25	299-W13-2	11/4/2015	225.3	111	B31CM6		133.05
568832.6	135819.4	85.433	299-W13-2	12/8/2015	225.3	21.2	B31CN1		139.867
568832.6	135819.4	79.06	299-W13-2	12/10/2015	225.3	228	B31CN6		146.24
568832.6	135819.4	72.598	299-W13-2	12/14/2015	225.3	171	B31CP1		152.702
568832.6	135819.4	65.874	299-W13-2	12/15/2015	225.3	173	B31CR1		159.426
566909.2	136284.5	128.048	299-W14-20	4/16/2009	204.4	350000	B1YMD9	75.9	76.352
566909.2	136284.5	123.02	299-W14-20	6/19/2009	204.4	230000	B1YMF0		81.38
566909.2	136284.5	116.01	299-W14-20	6/24/2009	204.4	240000	B1YMF2		88.39
566909.2	136284.5	109.91	299-W14-20	6/29/2009	204.4	770000	B1YMF3		94.49
566909.2	136284.5	103.8	299-W14-20	7/6/2009	204.4	150000	B1YMF4		100.6
566909.2	136284.5	98.6	299-W14-20	7/9/2009	204.4	15000	B1YMF5		105.8
566909.2	136284.5	91.3	299-W14-20	7/13/2009	204.4	170000	B1YMF6		113.1

Depth-discrete data used in 3D plume generation for tritium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Tritium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566909.2	136284.5	84.9	299-W14-20	7/17/2009	204.4	81000	B1YMF7	117.7	119.5
566909.2	136284.5	79.28	299-W14-20	7/21/2009	204.4	180000	B1YMF8	124.4	125.12
566909.2	136284.5	70.3	299-W14-20	7/29/2009	204.4	12000	B1YMF9		134.1
567721.5	135890	105.92	299-W14-21	10/7/2009	219.32	26	B21TL2		113.4
567721.5	135890	93.72	299-W14-21	10/9/2009	219.32	110	B21TL4		125.6
567721.5	135890	87.49	299-W14-21	10/12/2009	219.32	210	B21TL5		131.83
567721.5	135890	75.12	299-W14-21	10/16/2009	219.32	90	B21TL7		144.2
567721.5	135890	69.32	299-W14-21	10/19/2009	219.32	98	B21TL8		150
567721.5	135890	62.02	299-W14-21	10/22/2009	219.32	150	B21WB9		157.3
567359	136204.6	115.99	299-W14-73	4/15/2009	216.73	270	B1YNL0		100.74
567359	136204.6	109.71	299-W14-73	4/20/2009	216.73	140	B1YNL2		107.02
567359	136204.6	103.63	299-W14-73	4/22/2009	216.73	150	B1YNL4	110.9	113.1
567359	136204.6	97.23	299-W14-73	4/27/2009	216.73	160	B1YNL6		119.5
567359	136204.6	91.73	299-W14-73	4/29/2009	216.73	420	B1YNL8	123.1	125
567359	136204.6	85.03	299-W14-73	5/4/2009	216.73	470	B1YNM0	129.2	131.7
567359	136204.6	79.53	299-W14-73	5/8/2009	216.73	650	B1YNM2		137.2
567359	136204.6	73.43	299-W14-73	5/15/2009	216.73	34	B1YNM4	142.3	143.3
567359	136204.6	66.73	299-W14-73	5/27/2009	216.73	400	B1YNM6	147.8	150
567781.5	136381.3	128.483	299-W14-74	8/12/2009	221.443	120	B21CK4		92.96
567781.5	136381.3	125.433	299-W14-74	8/14/2009	221.443	5900	B21CK5		96.01
567781.5	136381.3	119.043	299-W14-74	8/17/2009	221.443	3700	B21CK6		102.4
567781.5	136381.3	113.243	299-W14-74	8/18/2009	221.443	4500	B21CK8		108.2
567781.5	136381.3	107.143	299-W14-74	8/20/2009	221.443	3000	B21CK9		114.3
567781.5	136381.3	101.043	299-W14-74	8/24/2009	221.443	3100	B21CL0		120.4
567781.5	136381.3	94.943	299-W14-74	8/27/2009	221.443	990	B21CL1		126.5
567781.5	136381.3	88.843	299-W14-74	8/28/2009	221.443	2100	B21CL2		132.6
567781.5	136381.3	82.743	299-W14-74	8/31/2009	221.443	1700	B21CL3		138.7
567781.5	136381.3	76.643	299-W14-74	9/2/2009	221.443	1600	B21CL4		144.8
567781.5	136381.3	70.543	299-W14-74	9/3/2009	221.443	2000	B21CL5		150.9
566657.4	136108.9	129.107	299-W15-225	3/9/2009	204.85	3500	B1YCW8		75.743
566657.4	136108.9	122.219	299-W15-225	3/27/2009	204.85	2200	B1YCX4		82.631
566657.4	136108.9	114.63	299-W15-225	4/21/2009	204.85	540	B1YCY4		90.22
566657.4	136108.9	108.53	299-W15-225	4/22/2009	204.85	260	B1YD21		96.32
566657.4	136108.9	102.45	299-W15-225	4/23/2009	204.85	210	B1YD25		102.4
566657.4	136108.9	96.35	299-W15-225	4/24/2009	204.85	190	B1YD29		108.5
566657.4	136108.9	90.25	299-W15-225	4/27/2009	204.85	21	B1YD33		114.6
566657.4	136108.9	84.15	299-W15-225	4/28/2009	204.85	12	B1YD37		120.7
566657.4	136108.9	63.15	299-W15-225	5/8/2009	204.85	94	B1YD45		141.7
566033.3	136450.2	118.493	299-W15-226	6/3/2010	212.373	56	B24JJ6		93.88
566033.3	136450.2	112.403	299-W15-226	6/4/2010	212.373	96	B24JC2		99.97
566033.3	136450.2	106.273	299-W15-226	6/4/2010	212.373	74	B24JC3		106.1
566033.3	136450.2	84.973	299-W15-226	6/10/2010	212.373	69	B24JC6		127.4
566033.3	136450.2	78.873	299-W15-226	6/10/2010	212.373	55	B24JC7		133.5

Depth-discrete data used in 3D plume generation for tritium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Tritium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566034	135966.6	132.372	299-W15-227	6/10/2010	213.752	540	B24JD4		81.38
566034	135966.6	126.671	299-W15-227	6/10/2010	213.752	610	B24JD5		87.081
566034	135966.6	120.331	299-W15-227	6/11/2010	213.752	560	B24JJ7		93.421
566034	135966.6	114.082	299-W15-227	6/16/2010	213.752	240	B24JD7		99.67
566034	135966.6	107.952	299-W15-227	6/21/2010	213.752	180	B24JD8		105.8
566034	135966.6	102.152	299-W15-227	6/23/2010	213.752	98	B24JD9		111.6
566034	135966.6	95.942	299-W15-227	6/24/2010	213.752	160	B24JF0		117.81
566034	135966.6	90.152	299-W15-227	6/25/2010	213.752	37	B24JF1		123.6
566034	135966.6	83.812	299-W15-227	6/30/2010	213.752	54	B24JF2		129.94
565745.4	135711.5	130.5048	299-W15-228	4/14/2014	208.241	460	B2W2M7		77.7362
565745.4	135711.5	123.811	299-W15-228	4/15/2014	208.241	800	B2W2N1		84.43
565745.4	135711.5	118.2732	299-W15-228	4/16/2014	208.241	600	B2W2N5		89.9678
565745.4	135711.5	112.0248	299-W15-228	4/17/2014	208.241	430	B2W2N9		96.2162
565745.4	135711.5	105.804	299-W15-228	4/21/2014	208.241	740	B2W2P3		102.437
565745.4	135711.5	100.04	299-W15-228	4/22/2014	208.241	230	B2W2R1		108.201
565745.4	135711.5	93.752	299-W15-228	4/23/2014	208.241	200	B2W2R5		114.489
565745.4	135711.5	81.571	299-W15-228	4/28/2014	208.241	77	B2W2T3		126.67
565745.4	135711.5	49.741	299-W15-228	5/12/2014	208.241	17.1	B2W2V5		158.5
566581.8	135627	136.091	299-W15-42	1/18/2002	206.53	109	B12XL6	70.1	70.439
566581.8	135627	121.308	299-W15-42	2/27/2002	206.53	108	B140B4		85.222
566581.8	135627	121.284	299-W15-42	2/27/2002	206.53	143	B12XM2		85.2465
566581.8	135627	120.27	299-W15-42	1/24/2002	206.53	464	B12XM1	85.34	86.26
566752.2	135586.7	131.994	299-W15-46	9/28/2004	203.47	70	B17NM6	70.71	71.476
566752.2	135586.7	44.97	299-W15-46	1/26/2005	203.47	24	B19NM9		158.5
566951.6	135806.2	123.745	299-W17-2	4/1/2010	204.515	7.2	B24135		80.77
566951.6	135806.2	117.345	299-W17-2	4/6/2010	204.515	1000	B24134		87.17
566951.6	135806.2	110.335	299-W17-2	4/8/2010	204.515	22	B24137		94.18
566951.6	135806.2	104.215	299-W17-2	4/9/2010	204.515	260	B24138		100.3
566951.6	135806.2	98.415	299-W17-2	4/15/2010	204.515	89	B24139		106.1
566951.6	135806.2	92.315	299-W17-2	4/16/2010	204.515	890	B24140		112.2
566951.6	135806.2	86.215	299-W17-2	4/19/2010	204.515	1.8	B24141		118.3
566951.6	135806.2	80.815	299-W17-2	4/21/2010	204.515	36	B24142		123.7
566951.6	135806.2	61.215	299-W17-2	4/26/2010	204.515	40	B24143		143.3
566925.9	135325	130.847	299-W17-3	3/19/2010	206.137	220	B23CH2		75.29
566925.9	135325	125.667	299-W17-3	3/23/2010	206.137	110	B23CH3		80.47
566925.9	135325	106.777	299-W17-3	3/26/2010	206.137	57	B23CH6		99.36
566925.9	135325	100.637	299-W17-3	3/31/2010	206.137	140	B23CH7		105.5
566925.9	135325	94.237	299-W17-3	4/2/2010	206.137	68	B23CH8		111.9
566925.9	135325	88.137	299-W17-3	4/7/2010	206.137	120	B23CH9		118
566925.9	135325	82.037	299-W17-3	4/12/2010	206.137	140	B23CJ0		124.1
566925.9	135325	76.037	299-W17-3	4/15/2010	206.137	100	B23CJ1		130.1
566925.9	135325	69.937	299-W17-3	4/16/2010	206.137	710	B23CJ2		136.2
566925.9	135325	56.137	299-W17-3	4/20/2010	206.137	1.4	B23CJ3		150

Depth-discrete data used in 3D plume generation for tritium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Tritium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566045.1	135048.5	132.762	299-W18-41	7/8/2014	204.756	2680	B2X8M6		71.994
566045.1	135048.5	126.514	299-W18-41	7/10/2014	204.756	3020	B2X8N1		78.242
566045.1	135048.5	120.174	299-W18-41	7/11/2014	204.756	1090	B2X8P1		84.582
566045.1	135048.5	110.969	299-W18-41	7/18/2014	204.756	593	B2X8P6		93.787
566045.1	135048.5	105.147	299-W18-41	8/6/2014	204.756	969	B2X8R1		99.609
566045.1	135048.5	99.056	299-W18-41	8/11/2014	204.756	300	B2X8R6		105.7
566045.1	135048.5	92.956	299-W18-41	8/12/2014	204.756	63.7	B2X8T1		111.8
566045.1	135048.5	80.546	299-W18-41	8/15/2014	204.756	6600	B2X8V6		124.21
566045.1	135048.5	75.096	299-W18-41	8/21/2014	204.756	2600	B2X8W1		129.66
567313	135547	118.212	299-W19-111	7/30/2015	214.261	153	B31DK9		96.0486
567313	135547	112.144	299-W19-111	8/3/2015	214.261	10.7	B31DL4		102.117
567313	135547	105.99	299-W19-111	8/4/2015	214.261	131	B31DL9		108.271
567313	135547	100.111	299-W19-111	8/5/2015	214.261	56.7	B31DM4		114.15
567313	135547	94.021	299-W19-111	8/5/2015	214.261	223	B31DM9		120.24
567689.6	135008.2	127.057	299-W19-113	8/5/2014	214.537	859	B2XB92		87.48
567689.6	135008.2	121.39	299-W19-113	11/11/2014	214.537	169	B2XB96		93.147
567689.6	135008.2	109.197	299-W19-113	11/20/2014	214.537	133	B2XBB4		105.34
567901.9	135013.2	126.804	299-W19-114	9/18/2014	213.674	309	B2XBD0		86.87
567901.9	135013.2	122.386	299-W19-114	9/22/2014	213.674	353	B2XBD5		91.288
567901.9	135013.2	116.29	299-W19-114	9/23/2014	213.674	329	B2XBD9		97.384
567901.9	135013.2	110.074	299-W19-114	9/24/2014	213.674	464	B2XBF4		103.6
567901.9	135013.2	94.774	299-W19-114	10/9/2014	213.674	104	B2YDX9		118.9
568510	135090	117.769	299-W19-116	1/26/2016	217.5	2710	B348C9		99.731
568510	135090	108.44	299-W19-116	1/27/2016	217.5	2500	B348D5		109.06
568510	135090	99.63	299-W19-116	2/1/2016	217.5	2550	B348F1		117.87
568510	135090	93.48	299-W19-116	2/2/2016	217.5	702	B348F7		124.02
568510	135090	84.45	299-W19-116	2/3/2016	217.5	347	B348H3		133.05
568510	135090	79.55	299-W19-116	2/4/2016	217.5	426	B34HP6		137.95
568571	133988	129.186	299-W21-3	2/29/2016	212	39900	B349K8		82.814
568571	133988	115.747	299-W21-3	3/2/2016	212	133000	B349L4		96.2528
568571	133988	109.441	299-W21-3	3/2/2016	212	128000	B349M0		102.559
568571	133988	100.2	299-W21-3	3/8/2016	212	130000	B349M6		111.8
568571	133988	91.42	299-W21-3	3/9/2016	212	70900	B349N2		120.58
568571	133988	85.23	299-W21-3	3/9/2016	212	53900	B349N8		126.77
566906.8	134031.7	127.127	299-W22-89	6/10/2010	205.457	737	B24CM7		78.33
566906.8	134031.7	124.045	299-W22-89	6/11/2010	205.457	409	B24CN4		81.412
566906.8	134031.7	116.303	299-W22-89	6/11/2010	205.457	187	B24CN8		89.154
566906.8	134031.7	109.902	299-W22-89	6/14/2010	205.457	250	B24CP2		95.555
566906.8	134031.7	104.077	299-W22-89	6/14/2010	205.457	134	B24CP6		101.38
566961.4	134483.2	130.47	299-W22-90	10/24/2011	207.07	24300	B2CP06		76.6
566961.4	134483.2	117.87	299-W22-90	10/31/2011	207.07	778	B2CP08		89.2
566961.4	134483.2	123.97	299-W22-90	10/26/2011	207.07	352	B2CP07		83.1
566911.8	134134.5	130.94	299-W22-91	9/7/2011	204.4	25000	B2CPD3		73.46

Depth-discrete data used in 3D plume generation for tritium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Tritium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566911.8	134134.5	124.24	299-W22-91	9/14/2011	204.4	22000	B2CPD4		80.16
566911.8	134134.5	118.02	299-W22-91	9/16/2011	204.4	5040	B2CPD5		86.38
566911.8	134134.5	112.289	299-W22-91	9/21/2011	204.4	596	B2CPD6		92.111
567167.8	134029.8	130.912	299-W22-92	6/15/2011	205.558	6200	B2CT10		74.646
567167.8	134029.8	124.725	299-W22-92	7/1/2011	205.558	10000	B2CT11		80.833
567167.8	134029.8	118.998	299-W22-92	7/11/2011	205.558	5600	B2CT12		86.56
567167.8	134029.8	112.288	299-W22-92	7/18/2011	205.558	8000	B2CT13		93.27
567009.8	134429.8	127.372	299-W22-94	8/27/2013	207.291	150	B2R1P9		79.919
567009.8	134429.8	121.063	299-W22-94	9/3/2013	207.291	46	B2R1R1		86.228
567009.8	134429.8	114.784	299-W22-94	9/10/2013	207.291	48	B2R1R2		92.507
567170.5	134549.1	129.589	299-W22-95	8/20/2013	208.264	210	B2PW19		78.675
567170.5	134549.1	127.355	299-W22-95	8/26/2013	208.264	7.2	B2PW23		80.9092
567170.5	134549.1	118.217	299-W22-95	9/3/2013	208.264	29	B2PW27		90.0471
567170.5	134549.1	111.399	299-W22-95	9/9/2013	208.264	81	B2PW31		96.865
567351.9	134145.6	130.781	299-W22-96	5/23/2011	208.501	130000	B2CTV2		77.72
567351.9	134145.6	124.864	299-W22-96	5/26/2011	208.501	1400	B2CTV3		83.637
566798.7	134128.2	120.215	299-W23-236	4/16/2015	199.89	163	B31361		79.675
568175.4	137621.1	123.651	299-W5-2	9/28/2015	217.115	1230	B31CX0		93.4639
568175.4	137621.1	118.793	299-W5-2	9/30/2015	217.115	5210	B31CX5		98.3224
568175.4	137621.1	111.42	299-W5-2	9/30/2015	217.115	4290	B31CY0		105.695
568175.4	137621.1	108.275	299-W5-2	10/1/2015	217.115	3280	B31CY5		108.84
568175.4	137621.1	101.745	299-W5-2	10/1/2015	217.115	96.2	B31D00		115.37
568175.4	137621.1	93.226	299-W5-2	10/6/2015	217.115	3780	B31D05		123.889
568175.4	137621.1	91.004	299-W5-2	12/1/2015	217.115	3860	B31F07		126.111
568175.4	137621.1	86.981	299-W5-2	10/6/2015	217.115	4060	B31D16		130.134
568175.4	137621.1	81.202	299-W5-2	10/7/2015	217.115	3840	B31D21		135.913
567313.3	137630.6	130.244	299-W6-13	7/27/2011	216.804	5300	B2BJ65		86.56
567313.3	137630.6	124.144	299-W6-13	7/27/2011	216.804	6000	B2BJ66		92.66
567313.3	137630.6	118.044	299-W6-13	8/1/2011	216.804	8200	B2BJ67		98.76
567313.3	137630.6	111.904	299-W6-13	8/2/2011	216.804	9600	B2BJ69		104.9
567313.3	137630.6	105.904	299-W6-13	8/2/2011	216.804	7300	B2BJ70		110.9
567313.3	137630.6	99.804	299-W6-13	8/3/2011	216.804	6700	B2BJ71		117
567313.3	137630.6	93.704	299-W6-13	8/3/2011	216.804	5300	B2BJ72		123.1
567313.3	137630.6	87.604	299-W6-13	8/4/2011	216.804	4800	B2BJ73		129.2
567313.3	137630.6	81.504	299-W6-13	8/4/2011	216.804	3200	B2BJ74		135.3
566939.6	137388.9	125.554	299-W6-14	4/26/2011	212.114	1800	B2BLJ1		86.56
566939.6	137388.9	119.764	299-W6-14	4/26/2011	212.114	3800	B2BLJ2		92.35
566939.6	137388.9	113.354	299-W6-14	4/28/2011	212.114	2400	B2BLJ3		98.76
566939.6	137388.9	107.214	299-W6-14	4/29/2011	212.114	3000	B2BLJ4		104.9
566939.6	137388.9	101.214	299-W6-14	5/3/2011	212.114	1700	B2BLJ5		110.9
566939.6	137388.9	95.114	299-W6-14	5/4/2011	212.114	2000	B2BLJ6		117
566939.6	137388.9	82.914	299-W6-14	5/6/2011	212.114	1700	B2BLJ8		129.2
566939.6	137388.9	77.414	299-W6-14	5/10/2011	212.114	1200	B2DW57		134.7

Depth-discrete data used in 3D plume generation for tritium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Tritium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566939.6	137388.9	71.314	299-W6-14	5/12/2011	212.114	1200	B2DVW0		140.8
566939.6	137388.9	67.614	299-W6-14	5/17/2011	212.114	1000	B2DVW3		144.5
569597.8	133080.9	117.488	699-31-68	3/28/2016	210.3	26300	B34TH5		92.812
569597.8	133080.9	105.36	699-31-68	3/29/2016	210.3	16000	B34TJ0		104.94
569597.8	133080.9	83.96	699-31-68	3/31/2016	210.3	1030	B34TJ5		126.34
570189.6	135318.8	122.726	699-38-64	9/26/2014	230.776	19700	B2XBM5		108.05
570189.6	135318.8	116.236	699-38-64	10/3/2014	230.776	14500	B2XBN0		114.54
570189.6	135318.8	91.326	699-38-64	10/13/2014	230.776	602	B2XBN9		139.45
570189.6	135318.8	85.446	699-38-64	10/15/2014	230.776	484	B2XBP4		145.33
570189.6	135318.8	81.576	699-38-64	10/20/2014	230.776	487	B2XBP9		149.2
570189.6	135318.8	78.836	699-38-64	10/20/2014	230.776	423	B2XBR4		151.94
570189.6	135318.8	71.676	699-38-64	10/21/2014	230.776	6.28	B2XBR9		159.1
570189.6	135318.8	66.476	699-38-64	10/23/2014	230.776	259	B2XBT4		164.3
569420.3	135815.7	124.238	699-40-67	3/11/2014	228.738	1200	B2W2C3		104.5
569420.3	135815.7	118.828	699-40-67	3/13/2014	228.738	770	B2W2C7		109.91
569420.3	135815.7	98.828	699-40-67	3/25/2014	228.738	33	B2W2D1		129.91
569420.3	135815.7	92.648	699-40-67	3/26/2014	228.738	170	B2W2D9		136.09
569420.3	135815.7	86.948	699-40-67	3/27/2014	228.738	330	B2W2F3		141.79
569420.3	135815.7	80.328	699-40-67	3/31/2014	228.738	200	B2W2F7		148.41
569420.3	135815.7	74.538	699-40-67	4/1/2014	228.738	220	B2W2H1		154.2
569420.3	135815.7	67.319	699-40-67	4/8/2014	228.738	210	B2W2H9		161.419
569390.3	136199.8	125.425	699-42-67	10/17/2011	228.265	781	B2BTJ3		102.84
569390.3	136199.8	119.175	699-42-67	10/18/2011	228.265	1110	B2BTJ4		109.09
569390.3	136199.8	113.205	699-42-67	10/19/2011	228.265	1300	B2BTJ5		115.06
569390.3	136199.8	76.465	699-42-67	11/22/2011	228.265	102	B2JD86		151.8
569390.3	136199.8	71.445	699-42-67	11/28/2011	228.265	119	B2JD92		156.82
569369.9	136560.4	121.602	699-43-67	7/1/2010	227.302	220	B24JH8		105.7
569369.9	136560.4	102.602	699-43-67	7/8/2010	227.302	71	B24JH9		124.7
569369.9	136560.4	96.502	699-43-67	7/28/2010	227.302	210	B24JJ0		130.8
569338	136894.3	124.495	699-44-67	10/25/2011	224.165	5.9	B2BTC7		99.67
569338	136894.3	109.865	699-44-67	11/3/2011	224.165	36.4	B2BTC8		114.3
569338	136894.3	103.465	699-44-67	11/4/2011	224.165	156	B2BTC9		120.7
569338	136894.3	91.265	699-44-67	11/8/2011	224.165	181	B2BTD1		132.9
569338	136894.3	84.715	699-44-67	11/9/2011	224.165	182	B2J9D6		139.45
569257	137263	103.921	699-45-67	7/22/2010	219.771	33	B24JJ8		115.85
569257	137263	97.871	699-45-67	7/23/2010	219.771	57	B24JH3		121.9
568947.1	137233.8	124.74	699-45-69C	8/10/2007	221.67	29	B1P0X0		96.93
568947.1	137233.8	110.07	699-45-69C	8/31/2007	221.67	83.4	B1PK67		111.6
568947.1	137233.8	102.77	699-45-69C	9/6/2007	221.67	113	B1P108		118.9
568947.1	137233.8	83.57	699-45-69C	10/1/2007	221.67	49.6	B1P110	135.9	138.1
569109.8	137600.9	105.902	699-46-68	3/4/2014	217.062	1400	B2W225		111.16
569109.8	137600.9	98.762	699-46-68	4/7/2014	217.062	1500	B2W229		118.3
569109.8	137600.9	91.762	699-46-68	4/10/2014	217.062	1000	B2W233		125.3

Depth-discrete data used in 3D plume generation for tritium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Tritium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
569109.8	137600.9	83.862	699-46-68	4/16/2014	217.062	1100	B2WJ53		133.2
568829.7	137966.5	124.22	699-49-69	5/29/2014	211.09	236	B2W346		86.87
568829.7	137966.5	118.288	699-49-69	5/29/2014	211.09	435	B2W350		92.8025
568829.7	137966.5	110.79	699-49-69	6/2/2014	211.09	459	B2W358		100.3
568829.7	137966.5	105.94	699-49-69	6/3/2014	211.09	535	B2W362		105.15
568829.7	137966.5	99.875	699-49-69	6/4/2014	211.09	471	B2W370		111.215
568829.7	137966.5	93.8	699-49-69	6/5/2014	211.09	251	B2W374		117.29
568829.7	137966.5	87.53	699-49-69	6/9/2014	211.09	206	B2W378		123.56
568510	135090	126.9744	299-W19-116	1/21/2016	217.5	3510	B348C3		90.5256
570503	135199.8	118.643	299-E20-1	6/30/2015	231.813	20600	B31F60		113.17
566772.8	136610.2	131.72	299-W10-33	7/6/2007	205.18	3000	B1L949		73.46
566772.8	136610.2	130.047	299-W10-33	7/10/2007	205.18	3100	B1L950		75.133
566772.8	136610.2	124.71	299-W10-33	7/11/2007	205.18	3200	B1L951		80.47
566772.8	136610.2	122.183	299-W10-33	7/12/2007	205.18	3400	B1L952		82.997
566772.8	136610.2	119.84	299-W10-33	7/16/2007	205.18	5400	B1L953		85.34
566772.8	136610.2	116.79	299-W10-33	7/17/2007	205.18	4100	B1L955		88.39
566772.8	136610.2	113.74	299-W10-33	7/24/2007	205.18	1000	B1L956		91.44
566772.8	136610.2	109.78	299-W10-33	7/27/2007	205.18	1700	B1L957		95.4
566772.8	136610.2	107.64	299-W10-33	7/31/2007	205.18	1700	B1L958		97.54
566772.8	136610.2	104.58	299-W10-33	8/1/2007	205.18	8600	B1L959		100.6
566772.8	136610.2	101.28	299-W10-33	8/2/2007	205.18	6000	B1L960		103.9
566772.8	136610.2	99.38	299-W10-33	8/3/2007	205.18	630	B1L962		105.8
566772.8	136610.2	95.48	299-W10-33	8/6/2007	205.18	380	B1L963		109.7
566772.8	136610.2	92.38	299-W10-33	8/8/2007	205.18	490	B1L964		112.8
566772.8	136610.2	89.08	299-W10-33	8/13/2007	205.18	110	B1L965		116.1
566772.8	136610.2	85.98	299-W10-33	8/15/2007	205.18	370	B1L966	118.6	119.2
566772.8	136610.2	83.11	299-W10-33	8/21/2007	205.18	2500	B1L967		122.07
566772.8	136610.2	80.18	299-W10-33	8/24/2007	205.18	130	B1PK08		125
566912.3	136774.8	130.5	299-W11-25B	2/8/2005	209.75	5760	B1BWD3		79.25
566912.3	136774.8	124.71	299-W11-25B	2/8/2005	209.75	7020	B1BWD6		85.04
566912.3	136774.8	118.01	299-W11-25B	2/16/2005	209.75	5300	B1BWD9		91.74
566912.3	136774.8	111.91	299-W11-25B	2/17/2005	209.75	6660	B1BWF2		97.84
566912.3	136774.8	106.15	299-W11-25B	2/23/2005	209.75	7280	B1BWB9		103.6
566912.3	136774.8	100.05	299-W11-25B	2/24/2005	209.75	8770	B1BWC4		109.7
567269.7	136971	125.9	299-W11-43	6/1/2005	216.73	58000	B1D7K5		90.83
567269.7	136971	116.76	299-W11-43	6/7/2005	216.73	61000	B1D7M2		99.97
567269.7	136971	105.83	299-W11-43	6/9/2005	216.73	55000	B1D7K1		110.9
567269.7	136971	89.33	299-W11-43	6/16/2005	216.73	33000	B1D7K2		127.4
567269.7	136971	79.83	299-W11-43	6/21/2005	216.73	48000	B1D7K3		136.9
566992.8	136775.6	132.72	299-W11-45	9/29/2005	212.88	32800	B1DWY2		80.16
566992.8	136775.6	129.36	299-W11-45	10/4/2005	212.88	36300	B1DN67		83.52
566992.8	136775.6	128.15	299-W11-45	10/6/2005	212.88	17900	B1DN05		84.73
566992.8	136775.6	126.62	299-W11-45	10/7/2005	212.88	11700	B1DWY3		86.26

Depth-discrete data used in 3D plume generation for tritium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Tritium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566992.8	136775.6	123.27	299-W11-45	10/11/2005	212.88	10900	B1DN69		89.61
566992.8	136775.6	120.53	299-W11-45	10/13/2005	212.88	15700	B1DN70		92.35
566992.8	136775.6	117.17	299-W11-45	10/17/2005	212.88	13600	B1DN71		95.71
566992.8	136775.6	111.38	299-W11-45	10/20/2005	212.88	20200	B1DN72		101.5
566992.8	136775.6	105.58	299-W11-45	10/26/2005	212.88	19500	B1DN73		107.3
566992.8	136775.6	99.18	299-W11-45	10/28/2005	212.88	4440	B1DN74		113.7
566992.8	136775.6	93.08	299-W11-45	11/1/2005	212.88	11200	B1DN75		119.8
566992.8	136775.6	86.98	299-W11-45	11/7/2005	212.88	665	B1DN76		125.9
566933.8	136680.7	131.63	299-W11-47	2/13/2006	209.66	24800	B1FML9		78.03
566933.8	136680.7	128.89	299-W11-47	2/13/2006	209.66	13500	B1FMM9		80.77
566933.8	136680.7	125.23	299-W11-47	2/21/2006	209.66	8470	B1H3N3		84.43
566933.8	136680.7	122.79	299-W11-47	2/23/2006	209.66	19400	B1FN34		86.87
566933.8	136680.7	119.44	299-W11-47	2/28/2006	209.66	15500	B1FN47		90.22
566933.8	136680.7	116.7	299-W11-47	3/3/2006	209.66	15900	B1FN60		92.96
566933.8	136680.7	110.6	299-W11-47	3/6/2006	209.66	14500	B1FN88		99.06
566933.8	136680.7	104.46	299-W11-47	3/8/2006	209.66	12500	B1FMW3		105.2
566933.8	136680.7	98.36	299-W11-47	3/10/2006	209.66	4900	B1FMT4		111.3
566933.8	136680.7	92.36	299-W11-47	3/14/2006	209.66	794	B1FN11		117.3
566882	136846.2	132.09	299-W11-48	4/6/2007	208.9	12000	B1L5F5		76.81
566882	136846.2	127.52	299-W11-48	4/11/2007	208.9	7700	B1L5F7	79.86	81.38
566882	136846.2	122.95	299-W11-48	4/13/2007	208.9	7700	B1L5F8		85.95
566882	136846.2	119.59	299-W11-48	4/17/2007	208.9	12000	B1L5F9	89	89.31
566882	136846.2	116.85	299-W11-48	4/25/2007	208.9	10000	B1L5H1		92.05
566882	136846.2	113.5	299-W11-48	5/16/2007	208.9	5900	B1L5H2	95.1	95.4
566882	136846.2	109.54	299-W11-48	5/17/2007	208.9	12000	B1L5H3		99.36
566882	136846.2	107.4	299-W11-48	5/21/2007	208.9	12000	B1L5H4		101.5
566882	136846.2	104.4	299-W11-48	5/22/2007	208.9	18000	B1L5H5		104.5
566882	136846.2	101.3	299-W11-48	5/23/2007	208.9	15000	B1L5H7	107.3	107.6
566882	136846.2	99.57	299-W11-48	5/25/2007	208.9	6300	B1L5H8		109.33
566882	136846.2	95.2	299-W11-48	5/25/2007	208.9	5800	B1L5H9	113.4	113.7
566882	136846.2	92.5	299-W11-48	5/29/2007	208.9	660	B1L5J0		116.4
566882	136846.2	89.7	299-W11-48	6/1/2007	208.9	4500	B1L5J1		119.2
566901.7	136287.6	135.19	299-W14-11	4/15/2005	204.38	2150000	B1BWF6		69.19
566901.7	136287.6	129.09	299-W14-11	4/18/2005	204.38	686000	B1CL04		75.29
566901.7	136287.6	123	299-W14-11	4/20/2005	204.38	241000	B1CL09		81.38
566901.7	136287.6	116.9	299-W14-11	4/20/2005	204.38	152000	B1CL14		87.48
566901.7	136287.6	110.81	299-W14-11	4/25/2005	204.38	86000	B1CL19		93.57
566901.7	136287.6	104.71	299-W14-11	4/26/2005	204.38	45300	B1CKV2		99.67
566901.7	136287.6	98.58	299-W14-11	4/27/2005	204.38	27400	B1CKW5		105.8
566898.6	136135.1	134.8	299-W14-19	10/28/2002	204.9	387	B15P62		70.1
566898.6	136135.1	130.22	299-W14-19	10/28/2002	204.9	2290	B15P66		74.68
566898.6	136135.1	124.13	299-W14-19	10/28/2002	204.9	676	B15P70		80.77
566898.6	136135.1	118.03	299-W14-19	10/29/2002	204.9	2040	B15P74		86.87

Depth-discrete data used in 3D plume generation for tritium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Tritium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566898.6	136135.1	111.94	299-W14-19	10/29/2002	204.9	4570	B15P78		92.96
566898.6	136135.1	105.84	299-W14-19	10/29/2002	204.9	3870	B15P82		99.06
566898.6	136135.1	100	299-W14-19	10/29/2002	204.9	2990	B15P86		104.9
567733.4	135567.8	128.72	299-W14-71	9/19/2006	218.64	59.5	B1JX20		89.92
567733.4	135567.8	120.49	299-W14-71	9/22/2006	218.64	49.6	B1JX21		98.15
567733.4	135567.8	90.34	299-W14-71	10/12/2006	218.64	39.6	B1JX25		128.3
567328.4	135941.3	107.47	299-W14-72	10/11/2006	215.67	958	B1JX51		108.2
567328.4	135941.3	90.37	299-W14-72	10/17/2006	215.67	434	B1JX53		125.3
566490.1	136210	128.14	299-W15-43	11/11/2002	206.78	3900	B15WX2		78.64
566490.1	136210	121.44	299-W15-43	11/11/2002	206.78	4120	B15WX5		85.34
566490.1	136210	115.34	299-W15-43	11/12/2002	206.78	3320	B15WX8		91.44
566490.1	136210	132.1	299-W15-43	11/12/2002	206.78	4010	B15WW9		74.68
566490.1	136210	109.24	299-W15-43	11/12/2002	206.78	662	B15WY1		97.54
566490.1	136210	100.98	299-W15-43	11/12/2002	206.78	357	B15WY4		105.8
566685	136066.5	135.59	299-W15-44	10/16/2002	204.17	5310	B15P06		68.58
566685	136066.5	129.49	299-W15-44	10/16/2002	204.17	4950	B15P10		74.68
566685	136066.5	123.4	299-W15-44	10/17/2002	204.17	5850	B15P13		80.77
566685	136066.5	117.3	299-W15-44	10/17/2002	204.17	7100	B15P16		86.87
566685	136066.5	111.21	299-W15-44	10/17/2002	204.17	8780	B15P19		92.96
566685	136066.5	105.11	299-W15-44	10/18/2002	204.17	140	B15P22		99.06
566685	136066.5	99.97	299-W15-44	10/18/2002	204.17	118	B15P25		104.2
566307.2	135972.9	126.08	299-W15-49	12/7/2004	208.38	1200	B1BJD9		82.3
566307.2	135972.9	115.42	299-W15-49	12/9/2004	208.38	210	B1BJF0		92.96
566307.2	135972.9	107.78	299-W15-49	12/10/2004	208.38	490	B1BJF1		100.6
566307.2	135972.9	74.28	299-W15-49	12/15/2004	208.38	420	B1BJF3		134.1
566793.5	135790.7	127.82	299-W15-50	1/25/2005	202.5	160	B1BJH6		74.68
566793.5	135790.7	115.63	299-W15-50	2/2/2005	202.5	6.8	B1BJH8		86.87
566793.5	135790.7	99.8	299-W15-50	2/9/2005	202.5	41	B1BJJ0		102.7
566605.1	135425.7	131.69	299-W18-16	11/22/2004	207.89	600	B1BJC2		76.2
566605.1	135425.7	119.5	299-W18-16	12/1/2004	207.89	540	B1BJC3		88.39
566605.1	135425.7	108.83	299-W18-16	12/9/2004	207.89	450	B1BJC7		99.06
566605.1	135425.7	108.53	299-W18-16	12/9/2004	207.89	300	B1BJC6		99.36
567782.7	134842.5	131.4	299-W19-46	11/19/2002	213.39	264	B15PB9		81.99
567782.7	134842.5	128.05	299-W19-46	11/19/2002	213.39	597	B15PC1		85.34
567782.7	134842.5	121.95	299-W19-46	11/20/2002	213.39	282	B15PB8		91.44
567782.7	134842.5	115.85	299-W19-46	11/20/2002	213.39	42.8	B15PC3		97.54
567782.7	134842.5	109.79	299-W19-46	11/20/2002	213.39	67.3	B15PC0		103.6
567782.7	134842.5	98.19	299-W19-46	11/21/2002	213.39	66.7	B15PC2		115.2
567822.9	134926	123.74	299-W19-48	11/30/2004	212.13	490	B19383		88.39
567822.9	134926	106.93	299-W19-48	12/9/2004	212.13	37	B19384		105.2
567822.9	134926	82.93	299-W19-48	12/16/2004	212.13	1.8	B19388		129.2
566939.6	137388.9	89.014	299-W6-14	5/4/2011	212.114	1700	B2BLJ7		123.1
569991	132739.2	125.728	699-30-66	9/9/2004	209.7	18000	B192L1	83.668	83.972

Depth-discrete data used in 3D plume generation for tritium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Tritium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
569991	132739.2	114.91	699-30-66	9/21/2004	209.7	780	B192L2		94.79
569991	132739.2	104.5	699-30-66	10/5/2004	209.7	120	B192L4		105.2
568427.8	134626	130.67	699-36-70B	8/18/2004	214.49	8800	B19150		83.82
568427.8	134626	121.53	699-36-70B	8/31/2004	214.49	1200	B19151		92.96
568427.8	134626	110.89	699-36-70B	9/9/2004	214.49	1000	B19153		103.6
568427.8	134626	100.19	699-36-70B	9/14/2004	214.49	3500	B19154		114.3
568427.8	134626	86.49	699-36-70B	9/23/2004	214.49	360	B19155		128
568967	136488.5	123.84	699-43-69	3/12/2008	226.54	33.7	B1P0T3		102.7
568967	136488.5	117.74	699-43-69	3/14/2008	226.54	25.6	B1P0T4		108.8
568967	136488.5	101.54	699-43-69	3/26/2008	226.54	113	B1P0T6		125
568967	136488.5	94.24	699-43-69	4/1/2008	226.54	9.36	B1P0T7		132.3
568967	136488.5	87.84	699-43-69	4/2/2008	226.54	0	B1P0T8		138.7

Annual average data used in 3D plume generation for tritium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Tritium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
567673.6	135012.2	113.3449	299-W19-34A	6/20/2012	214.508	49	B2LJ66		101.1631
567662.9	135010.7	87.57452	299-W19-34B	6/20/2012 11:38	214.51	500	B2LJ72		126.9355

Attachment E

Data used in 3D Plume Generation for Uranium

This chart only includes the data used to generate the 3D plume in Leapfrog. Repeat data that were uploaded to Leapfrog but were not used to generate the plume have not been included.

Depth-discrete data used in 3D plume generation for uranium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Uranium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
571003.1	134505.3	120.563	299-E11-1	8/16/2015	227.703	1.6	B31FD0		107.14
571003.1	134505.3	117.453	299-E11-1	8/17/2015	227.703	2.1	B31FD8		110.25
571003.1	134505.3	111.423	299-E11-1	8/18/2015	227.703	1.7	B31FF6		116.28
571003.1	134505.3	105.293	299-E11-1	8/19/2015	227.703	2.1	B31FH0		122.41
570503	135199.8	118.643	299-E20-1	6/30/2015	231.813	0.66	B31F62		113.17
570503	135199.8	115.413	299-E20-1	7/1/2015	231.813	1.1	B31F70		116.4
570503	135199.8	112.313	299-E20-1	7/7/2015	231.813	1.3	B31F78		119.5
570897.9	134895.8	119.328	299-E20-2	7/27/2015	227.868	2.1	B31F91		108.54
570897.9	134895.8	116.248	299-E20-2	7/28/2015	227.868	0.73	B31F99		111.62
570897.9	134895.8	110.158	299-E20-2	7/29/2015	227.868	1.5	B31FB7		117.71
566772.8	136610.2	131.72	299-W10-33	7/6/2007	205.18	6.27	B1L949		73.46
566772.8	136610.2	130.047	299-W10-33	7/10/2007	205.18	8.21	B1L950		75.133
566772.8	136610.2	122.183	299-W10-33	7/12/2007	205.18	4.91	B1L952		82.997
566772.8	136610.2	119.84	299-W10-33	7/16/2007	205.18	1.6	B1L953		85.34
566772.8	136610.2	116.79	299-W10-33	7/17/2007	205.18	1.09	B1L955		88.39
566772.8	136610.2	113.74	299-W10-33	7/24/2007	205.18	0.226	B1L956		91.44
566772.8	136610.2	107.64	299-W10-33	7/31/2007	205.18	0.906	B1L958		97.54
566772.8	136610.2	104.58	299-W10-33	8/1/2007	205.18	1.02	B1L959		100.6
566772.8	136610.2	101.28	299-W10-33	8/2/2007	205.18	1.2	B1L960		103.9
566772.8	136610.2	99.38	299-W10-33	8/3/2007	205.18	0.801	B1L962		105.8
566772.8	136610.2	95.48	299-W10-33	8/6/2007	205.18	0.794	B1L963		109.7
566772.8	136610.2	83.11	299-W10-33	8/21/2007	205.18	0.88	B1L967		122.07
566772.8	136610.2	80.18	299-W10-33	8/24/2007	205.18	1.08	B1PK08		125
566772.8	136610.2	77.18	299-W10-33	8/29/2007	205.18	0.99	B1PK09		128
566772.8	136610.2	124.71	299-W10-33	7/11/2007	205.18	6.77	B1L927		80.47
566772.8	136610.2	109.78	299-W10-33	7/27/2007	205.18	0.85	B1L933		95.4
566772.8	136610.2	92.38	299-W10-33	8/8/2007	205.18	0.66	B1L940		112.8
566772.8	136610.2	89.08	299-W10-33	8/13/2007	205.18	0.73	B1L941		116.1
566772.8	136610.2	85.98	299-W10-33	8/15/2007	205.18	0.73	B1L942	118.6	119.2
566024.7	136995.5	130.652	299-W10-35	11/15/2010	212.032	0.517	B24J95		81.38
566024.7	136995.5	124.552	299-W10-35	11/16/2010	212.032	0.51	B24J96		87.48
566024.7	136995.5	118.58	299-W10-35	11/17/2010	212.032	0.384	B24J97		93.452
566024.7	136995.5	110.962	299-W10-35	11/18/2010	212.032	0.519	B24J98		101.07
566024.7	136995.5	106.232	299-W10-35	11/19/2010	212.032	0.675	B24J99		105.8
566024.7	136995.5	99.532	299-W10-35	11/29/2010	212.032	0.768	B24JB0		112.5
566024.7	136995.5	93.432	299-W10-35	11/30/2010	212.032	0.656	B24JB1		118.6
566024.7	136995.5	87.932	299-W10-35	12/2/2010	212.032	0.622	B24JB2		124.1
566024.7	136995.5	81.932	299-W10-35	12/3/2010	212.032	0.669	B24JB3		130.1
566024.7	136995.5	75.832	299-W10-35	12/6/2010	212.032	0.623	B24JB4		136.2
566024.7	136995.5	60.232	299-W10-35	12/8/2010	212.032	5.66	B24JB5		151.8
566019.2	137452	129.987	299-W10-36	6/27/2011	210.457	0.881	B2BN91		80.47
566019.2	137452	123.897	299-W10-36	6/28/2011	210.457	1.01	B2BN92		86.56
566019.2	137452	117.797	299-W10-36	6/28/2011	210.457	0.94	B2BN78		92.66

Depth-discrete data used in 3D plume generation for uranium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Uranium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566019.2	137452	111.697	299-W10-36	6/29/2011	210.457	0.897	B2BN94		98.76
566019.2	137452	105.557	299-W10-36	6/29/2011	210.457	0.79	B2BN95		104.9
566019.2	137452	99.557	299-W10-36	6/30/2011	210.457	0.707	B2BN96		110.9
566019.2	137452	93.457	299-W10-36	6/30/2011	210.457	0.704	B2BN97		117
566019.2	137452	87.357	299-W10-36	7/1/2011	210.457	0.618	B2BN98		123.1
566019.2	137452	81.257	299-W10-36	7/6/2011	210.457	0.594	B2BN99		129.2
566019.2	137452	71.157	299-W10-36	7/13/2011	210.457	0.525	B2BNB0		139.3
567269.7	136971	116.76	299-W11-43	6/7/2005	216.73	2.5	B1BTN2		99.97
567269.7	136971	105.83	299-W11-43	6/9/2005	216.73	3.16	B1D7J7		110.9
567269.7	136971	89.33	299-W11-43	6/16/2005	216.73	3.19	B1D7J8		127.4
567269.7	136971	79.83	299-W11-43	6/21/2005	216.73	2.99	B1D7J9		136.9
567269.7	136971	125.9	299-W11-43	6/1/2005	216.73	2.23	B1D7K5		90.83
566882	136846.2	132.09	299-W11-48	4/6/2007	208.9	1.77	B1L5F5		76.81
566882	136846.2	127.52	299-W11-48	4/11/2007	208.9	1.08	B1L5F7	79.86	81.38
566882	136846.2	122.95	299-W11-48	4/13/2007	208.9	0.44	B1L5F8		85.95
566882	136846.2	119.59	299-W11-48	4/17/2007	208.9	1.57	B1L5F9	89	89.31
566882	136846.2	116.85	299-W11-48	4/25/2007	208.9	1.34	B1L5H0		92.05
566882	136846.2	109.54	299-W11-48	5/17/2007	208.9	1.29	B1L5H3		99.36
566882	136846.2	107.4	299-W11-48	5/21/2007	208.9	0.679	B1L5H4		101.5
566882	136846.2	104.4	299-W11-48	5/22/2007	208.9	2.42	B1L5H5		104.5
566882	136846.2	99.57	299-W11-48	5/25/2007	208.9	1.38	B1L5H8		109.33
566882	136846.2	95.2	299-W11-48	5/25/2007	208.9	0.684	B1L5H9	113.4	113.7
566882	136846.2	89.7	299-W11-48	6/1/2007	208.9	0.264	B1L5J1		119.2
566882	136846.2	87.3	299-W11-48	6/5/2007	208.9	1.06	B1L5R2		121.6
566882	136846.2	113.5	299-W11-48	5/16/2007	208.9	0.37	B1L4X5	95.1	95.4
566882	136846.2	101.3	299-W11-48	5/23/2007	208.9	0.7	B1L4Y0	107.3	107.6
566882	136846.2	92.5	299-W11-48	5/29/2007	208.9	1.19	B1L4Y3		116.4
567361.5	135924.7	128.529	299-W11-49	2/5/2010	216.009	23.5	B23CX3		87.48
567361.5	135924.7	125.479	299-W11-49	2/8/2010	216.009	0.681	B23FB0		90.53
567361.5	135924.7	119.389	299-W11-49	2/9/2010	216.009	1.05	B23CX4		96.62
567361.5	135924.7	113.309	299-W11-49	2/10/2010	216.009	0.768	B23CX6		102.7
567361.5	135924.7	107.209	299-W11-49	2/12/2010	216.009	0.771	B23CX7		108.8
567361.5	135924.7	101.109	299-W11-49	2/17/2010	216.009	0.764	B23CX8		114.9
567361.5	135924.7	95.009	299-W11-49	2/25/2010	216.009	0.998	B23CX9		121
567361.5	135924.7	88.909	299-W11-49	2/26/2010	216.009	0.745	B23CY0		127.1
567361.5	135924.7	84.009	299-W11-49	3/26/2010	216.009	0.652	B23CY1		132
567361.5	135924.7	78.209	299-W11-49	4/1/2010	216.009	1.04	B23CY2		137.8
566966.3	136756.6	129.834	299-W11-50	9/1/2010	212.282	3.34	B24116		82.448
566966.3	136756.6	125.412	299-W11-50	11/1/2010	212.282	1.46	B23WT5		86.87
566966.3	136756.6	123.892	299-W11-50	9/3/2010	212.282	2.2	B23WW2		88.39
566966.3	136756.6	111.082	299-W11-50	9/13/2010	212.282	2.51	B23WT3		101.2
566966.3	136756.6	106.182	299-W11-50	9/16/2010	212.282	3.18	B23WW8		106.1
566966.3	136756.6	99.482	299-W11-50	9/24/2010	212.282	2.4	B23WT4	111.8	112.8

Depth-discrete data used in 3D plume generation for uranium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Uranium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566966.3	136756.6	88.182	299-W11-50	11/4/2010	212.282	1.56	B23WV2		124.1
566966.3	136756.6	82.182	299-W11-50	11/8/2010	212.282	1.25	B23WV3		130.1
566966.3	136756.6	76.082	299-W11-50	11/10/2010	212.282	0.763	B23WV4		136.2
566966.3	136756.6	69.982	299-W11-50	11/16/2010	212.282	0.676	B240Y5		142.3
566966.3	136756.6	62.882	299-W11-50	11/22/2010	212.282	0.402	B240Y6		149.4
568143.5	136610	126.97	299-W11-86	6/30/2006	222.68	1.35	B1JFV7	95.1	95.71
568143.5	136610	119.98	299-W11-86	7/7/2006	222.68	1.16	B1JFV8	101.65	102.7
568143.5	136610	106.28	299-W11-86	7/12/2006	222.68	1.38	B1JFW0	116.28	116.4
568143.5	136610	89.48	299-W11-86	7/25/2006	222.68	1.18	B1JFW2		133.2
568143.5	136610	73.68	299-W11-86	8/4/2006	222.68	1.13	B1JFW4	148.4	149
567874.7	137113.1	124.8	299-W11-88	11/29/2007	221.12	1.44	B1P0M7	87.78	96.32
567874.7	137113.1	115.62	299-W11-88	11/29/2007	221.12	1.42	B1P0M9	98.45	105.5
567874.7	137113.1	109.52	299-W11-88	12/3/2007	221.12	1.39	B1P0N1	108.5	111.6
567874.7	137113.1	103.42	299-W11-88	12/5/2007	221.12	1.61	B1P0N3	114.6	117.7
567874.7	137113.1	94.32	299-W11-88	12/6/2007	221.12	1.51	B1P0N5	123.7	126.8
567874.7	137113.1	88.22	299-W11-88	12/11/2007	221.12	0.92	B1P0N7		132.9
567874.7	137113.1	84.52	299-W11-88	2/6/2008	221.12	1.18	B1P0N9		136.6
567874.7	137113.1	74.24	299-W11-88	2/13/2008	221.12	1.18	B1P0P1	146.46	146.88
567306.8	136519.7	127.926	299-W11-90	1/13/2010	218.146	0.496	B23C91		90.22
567306.8	136519.7	124.876	299-W11-90	1/14/2010	218.146	0.601	B23F98		93.27
567306.8	136519.7	118.786	299-W11-90	1/15/2010	218.146	0.885	B23C93		99.36
567306.8	136519.7	112.646	299-W11-90	1/19/2010	218.146	1.1	B23C92		105.5
567306.8	136519.7	106.546	299-W11-90	2/12/2010	218.146	1.48	B23C95		111.6
567306.8	136519.7	100.446	299-W11-90	2/16/2010	218.146	1.23	B23C96		117.7
567306.8	136519.7	94.446	299-W11-90	2/22/2010	218.146	1.52	B23C97		123.7
567306.8	136519.7	88.346	299-W11-90	2/23/2010	218.146	1.4	B23C98		129.8
567306.8	136519.7	82.246	299-W11-90	3/1/2010	218.146	1.21	B23C99		135.9
567306.8	136519.7	76.146	299-W11-90	3/2/2010	218.146	1.52	B23CB0		142
567306.8	136519.7	69.446	299-W11-90	3/4/2010	218.146	1.18	B23CB1		148.7
567306.8	136519.7	63.346	299-W11-90	3/8/2010	218.146	1.09	B23CB2		154.8
567306.8	136519.7	57.846	299-W11-90	3/18/2010	218.146	0.736	B23CB3		160.3
566692.9	136351.8	128.988	299-W11-92	4/29/2010	204.578	0.566	B24199		75.59
566692.9	136351.8	123.808	299-W11-92	4/30/2010	204.578	1.18	B241B0		80.77
566692.9	136351.8	122.13	299-W11-92	9/1/2010	204.578	2.38	B23WW1		82.448
566692.9	136351.8	117.098	299-W11-92	5/14/2010	204.578	1.25	B241B1		87.48
566692.9	136351.8	110.398	299-W11-92	5/17/2010	204.578	1.02	B241B2		94.18
566692.9	136351.8	109.788	299-W11-92	9/9/2010	204.578	1.96	B23WW3		94.79
566692.9	136351.8	104.278	299-W11-92	5/17/2010	204.578	1.03	B241B3		100.3
566692.9	136351.8	98.178	299-W11-92	5/18/2010	204.578	1.06	B241B4		106.4
566692.9	136351.8	92.378	299-W11-92	5/20/2010	204.578	0.922	B241B5		112.2
566692.9	136351.8	86.278	299-W11-92	5/24/2010	204.578	0.763	B241B6		118.3
566692.9	136351.8	81.178	299-W11-92	5/27/2010	204.578	0.923	B241B7		123.4
566692.9	136351.8	64.488	299-W11-92	6/2/2010	204.578	0.182	B241B9		140.09

Depth-discrete data used in 3D plume generation for uranium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Uranium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
567775.5	136780.1	129.11	299-W11-93	10/19/2009	220.55	0.389	B21FM8		91.44
567775.5	136780.1	123.01	299-W11-93	10/20/2009	220.55	0.929	B21FM9		97.54
567775.5	136780.1	116.95	299-W11-93	10/21/2009	220.55	1.29	B21FN1		103.6
567775.5	136780.1	110.85	299-W11-93	10/22/2009	220.55	1.3	B21FN2		109.7
567775.5	136780.1	104.75	299-W11-93	10/23/2009	220.55	0.95	B21FN3		115.8
567775.5	136780.1	98.65	299-W11-93	10/26/2009	220.55	1.34	B21FN4		121.9
567775.5	136780.1	86.59	299-W11-93	10/29/2009	220.55	1.46	B21FN6		133.96
567775.5	136780.1	78.85	299-W11-93	11/17/2009	220.55	1.1	B21FN7		141.7
567775.5	136780.1	74.25	299-W11-93	11/18/2009	220.55	1.17	B21FN8		146.3
567775.5	136780.1	68.15	299-W11-93	11/19/2009	220.55	1.28	B21FN9		152.4
568317.6	135875.9	121.362	299-W11-97	6/29/2015	223.462	4.3	B31D59		102.1
568317.6	135875.9	115.282	299-W11-97	6/30/2015	223.462	1.4	B31D64		108.18
568317.6	135875.9	110.362	299-W11-97	7/1/2015	223.462	2.2	B31D69		113.1
568317.6	135875.9	103.062	299-W11-97	7/6/2015	223.462	1.8	B31D74		120.4
568317.6	135875.9	98.162	299-W11-97	7/7/2015	223.462	1.8	B31D79		125.3
568317.6	135875.9	90.452	299-W11-97	7/7/2015	223.462	1.8	B31D89		133.01
568317.6	135875.9	84.762	299-W11-97	7/8/2015	223.462	1.4	B31D94		138.7
568317.6	135875.9	78.627	299-W11-97	7/8/2015	223.462	1.3	B31D99		144.835
568317.6	135875.9	72.262	299-W11-97	7/9/2015	223.462	1.2	B31DB4		151.2
568317.6	135875.9	66.162	299-W11-97	7/13/2015	223.462	1.3	B31DB9		157.3
568317.6	135875.9	59.932	299-W11-97	7/14/2015	223.462	0.23	B31DC4		163.53
568313	136610	124.75	299-W12-2	8/17/2009	222.29	0.704	B21F47		97.54
568313	136610	123.078	299-W12-2	8/18/2009	222.29	1.04	B21F49		99.212
568313	136610	116.79	299-W12-2	8/19/2009	222.29	0.969	B21F55		105.5
568313	136610	110.89	299-W12-2	8/20/2009	222.29	1.12	B21F56		111.4
568313	136610	104.99	299-W12-2	8/21/2009	222.29	1.37	B21F57		117.3
568313	136610	97.89	299-W12-2	8/24/2009	222.29	1.3	B21F58		124.4
568313	136610	90.89	299-W12-2	8/26/2009	222.29	1.22	B21F59		131.4
568313	136610	85.59	299-W12-2	8/27/2009	222.29	1.26	B21F60		136.7
568313	136610	80.92	299-W12-2	9/8/2009	222.29	1.09	B21F62		141.37
568313	136610	78.99	299-W12-2	9/1/2009	222.29	1.24	B21F61		143.3
568313	136610	74.74	299-W12-2	9/10/2009	222.29	0.958	B21F65		147.55
568324.8	136363.4	128.39	299-W12-3	9/18/2009	223.18	0.439	B21N68		94.79
568324.8	136363.4	121.98	299-W12-3	9/22/2009	223.18	1.62	B21N69		101.2
568324.8	136363.4	116.04	299-W12-3	9/24/2009	223.18	1.47	B21N70		107.14
568324.8	136363.4	108.88	299-W12-3	9/29/2009	223.18	0.84	B21N71	113.1	114.3
568324.8	136363.4	103.08	299-W12-3	9/30/2009	223.18	1.53	B21WH5		120.1
568324.8	136363.4	96.68	299-W12-3	10/1/2009	223.18	1.65	B21N73		126.5
568324.8	136363.4	90.58	299-W12-3	10/2/2009	223.18	1.49	B21N74		132.6
568324.8	136363.4	83.88	299-W12-3	10/5/2009	223.18	1.42	B21N72		139.3
568324.8	136363.4	78.68	299-W12-3	10/6/2009	223.18	1.54	B21N76		144.5
568324.8	136363.4	71.98	299-W12-3	10/8/2009	223.18	1.07	B21N77		151.2
568329	136363.4	124.83	299-W12-4	8/12/2009	222.37	0.854	B21FW9	96.32	97.54

Depth-discrete data used in 3D plume generation for uranium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Uranium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
568329	136363.4	121.77	299-W12-4	8/13/2009	222.37	0.935	B21FX1		100.6
568329	136363.4	115.67	299-W12-4	8/20/2009	222.37	0.734	B21FX2		106.7
568329	136363.4	109.57	299-W12-4	8/21/2009	222.37	0.945	B21FX3		112.8
568329	136363.4	103.77	299-W12-4	9/25/2009	222.37	0.438	B21FX4		118.6
568329	136363.4	98.68	299-W12-4	9/28/2009	222.37	1.08	B21FX5		123.69
568329	136363.4	92.37	299-W12-4	9/29/2009	222.37	1.18	B21FX6		130
568329	136363.4	85.67	299-W12-4	10/2/2009	222.37	1.3	B21FX7		136.7
568329	136363.4	79.77	299-W12-4	10/5/2009	222.37	1.42	B21FX8		142.6
568329	136363.4	72.84	299-W12-4	10/7/2009	222.37	1.31	B21FX9		149.53
568329	136363.4	67.04	299-W12-4	10/9/2009	222.37	1.18	B21FY0		155.33
568832.6	135819.4	122.73	299-W13-2	10/21/2015	225.3	1.8	B31CK3		102.57
568832.6	135819.4	116.645	299-W13-2	10/22/2015	225.3	1.4	B31CK8		108.655
568832.6	135819.4	112.62	299-W13-2	3/7/2016	225.3	2	B33BT8		112.68
568832.6	135819.4	110.488	299-W13-2	10/26/2015	225.3	1.5	B31CL4		114.812
568832.6	135819.4	104.9	299-W13-2	10/26/2015	225.3	1.2	B31CL9		120.4
568832.6	135819.4	97.9	299-W13-2	11/4/2015	225.3	2.1	B31CM4		127.4
568832.6	135819.4	92.25	299-W13-2	11/4/2015	225.3	1.3	B31CM9		133.05
568832.6	135819.4	85.433	299-W13-2	12/8/2015	225.3	1.1	B31CN4		139.867
568832.6	135819.4	79.06	299-W13-2	12/10/2015	225.3	1.1	B31CN9		146.24
568832.6	135819.4	72.598	299-W13-2	12/14/2015	225.3	0.93	B31CP9		152.702
568832.6	135819.4	65.874	299-W13-2	12/15/2015	225.3	0.9	B31CR4		159.426
566909.2	136284.5	128.048	299-W14-20	4/16/2009	204.4	1.76	B1YMD9	75.9	76.352
566909.2	136284.5	123.02	299-W14-20	6/19/2009	204.4	1.06	B1YMF1		81.38
566909.2	136284.5	116.01	299-W14-20	6/24/2009	204.4	1.56	B1YMF2		88.39
566909.2	136284.5	109.91	299-W14-20	6/29/2009	204.4	0.844	B1YMF3		94.49
566909.2	136284.5	103.8	299-W14-20	7/6/2009	204.4	1.48	B1YMF4		100.6
566909.2	136284.5	98.6	299-W14-20	7/9/2009	204.4	0.76	B1YMF5		105.8
566909.2	136284.5	91.3	299-W14-20	7/13/2009	204.4	0.768	B1YMF6		113.1
566909.2	136284.5	84.9	299-W14-20	7/17/2009	204.4	0.469	B1YMF7	117.7	119.5
566909.2	136284.5	79.28	299-W14-20	7/21/2009	204.4	0.753	B1YMF8	124.4	125.12
566909.2	136284.5	70.3	299-W14-20	7/29/2009	204.4	0.13	B1YMF9		134.1
567721.5	135890	130.32	299-W14-21	9/22/2009	219.32	0.568	B21TK7		89
567721.5	135890	124.83	299-W14-21	9/23/2009	219.32	0.714	B21TK8		94.49
567721.5	135890	118.12	299-W14-21	10/2/2009	219.32	1.47	B21TK9		101.2
567721.5	135890	114.12	299-W14-21	10/6/2009	219.32	1.2	B21TL0		105.2
567721.5	135890	105.92	299-W14-21	10/7/2009	219.32	1.05	B21TL1		113.4
567721.5	135890	99.47	299-W14-21	10/8/2009	219.32	0.878	B21TL3		119.85
567721.5	135890	93.72	299-W14-21	10/9/2009	219.32	0.912	B21TL4		125.6
567721.5	135890	87.49	299-W14-21	10/12/2009	219.32	0.92	B21TL5		131.83
567721.5	135890	81.22	299-W14-21	10/14/2009	219.32	0.936	B21TL6		138.1
567721.5	135890	75.12	299-W14-21	10/16/2009	219.32	0.829	B21TL7		144.2
567721.5	135890	69.32	299-W14-21	10/19/2009	219.32	0.741	B21TL8		150
567721.5	135890	62.02	299-W14-21	10/22/2009	219.32	2.01	B21WB9		157.3

Depth-discrete data used in 3D plume generation for uranium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Uranium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
567733.4	135567.8	106.74	299-W14-71	10/5/2006	218.64	0.473	B1JX23		111.9
567733.4	135567.8	128.72	299-W14-71	9/19/2006	218.64	0.76	B1JX20		89.92
567733.4	135567.8	120.49	299-W14-71	9/22/2006	218.64	0.74	B1JX21		98.15
567733.4	135567.8	112.75	299-W14-71	9/27/2006	218.64	0.54	B1K811		105.89
567733.4	135567.8	97.94	299-W14-71	10/9/2006	218.64	0.59	B1K812		120.7
567733.4	135567.8	90.34	299-W14-71	10/12/2006	218.64	0.67	B1JX25		128.3
567733.4	135567.8	85.93	299-W14-71	10/13/2006	218.64	0.47	B1K807		132.71
567328.4	135941.3	121.18	299-W14-72	10/4/2006	215.67	0.893	B1JX49		94.49
567328.4	135941.3	126.06	299-W14-72	10/2/2006	215.67	1.06	B1JX48		89.61
567328.4	135941.3	113.27	299-W14-72	10/9/2006	215.67	0.81	B1K813		102.4
567328.4	135941.3	107.47	299-W14-72	10/11/2006	215.67	0.78	B1JX51		108.2
567328.4	135941.3	98.37	299-W14-72	10/12/2006	215.67	0.56	B1K814		117.3
567328.4	135941.3	90.37	299-W14-72	10/17/2006	215.67	0.63	B1JX53		125.3
567328.4	135941.3	82.47	299-W14-72	10/24/2006	215.67	0.8	B1JX57		133.2
567359	136204.6	127.576	299-W14-73	4/7/2009	216.73	1.42	B1YNK4		89.154
567359	136204.6	121.94	299-W14-73	4/10/2009	216.73	0.947	B1YNK8	94.49	94.79
567359	136204.6	115.99	299-W14-73	4/15/2009	216.73	1.44	B1YNL0		100.74
567359	136204.6	109.71	299-W14-73	4/20/2009	216.73	0.888	B1YNL2		107.02
567359	136204.6	103.63	299-W14-73	4/22/2009	216.73	0.746	B1YNL4	110.9	113.1
567359	136204.6	97.23	299-W14-73	4/27/2009	216.73	0.799	B1YNL6		119.5
567359	136204.6	91.73	299-W14-73	4/29/2009	216.73	0.784	B1YNL8	123.1	125
567359	136204.6	85.03	299-W14-73	5/4/2009	216.73	0.723	B1YNM0	129.2	131.7
567359	136204.6	79.53	299-W14-73	5/8/2009	216.73	0.618	B1YNM2		137.2
567359	136204.6	73.43	299-W14-73	5/15/2009	216.73	0.794	B1YNM4	142.3	143.3
567359	136204.6	66.73	299-W14-73	5/27/2009	216.73	0.492	B1YNM6	147.8	150
567781.5	136381.3	128.483	299-W14-74	8/12/2009	221.443	1.26	B21CK4		92.96
567781.5	136381.3	125.433	299-W14-74	8/14/2009	221.443	0.799	B21CK5		96.01
567781.5	136381.3	119.043	299-W14-74	8/17/2009	221.443	1.26	B21CK6		102.4
567781.5	136381.3	113.243	299-W14-74	8/18/2009	221.443	1.37	B21CK7		108.2
567781.5	136381.3	107.143	299-W14-74	8/20/2009	221.443	1.18	B21CK9		114.3
567781.5	136381.3	101.043	299-W14-74	8/24/2009	221.443	1.21	B21CL0		120.4
567781.5	136381.3	94.943	299-W14-74	8/27/2009	221.443	1.22	B21CL1		126.5
567781.5	136381.3	88.843	299-W14-74	8/28/2009	221.443	1.23	B21CL2		132.6
567781.5	136381.3	82.743	299-W14-74	8/31/2009	221.443	0.994	B21CL3		138.7
567781.5	136381.3	76.643	299-W14-74	9/2/2009	221.443	0.963	B21CL4		144.8
567781.5	136381.3	70.543	299-W14-74	9/3/2009	221.443	0.9	B21CL5		150.9
566657.4	136108.9	84.15	299-W15-225	4/28/2009	204.85	0.873	B1YD37		120.7
566657.4	136108.9	78.35	299-W15-225	4/29/2009	204.85	0.927	B1YD41		126.5
566657.4	136108.9	63.15	299-W15-225	5/8/2009	204.85	0.0762	B1YD45		141.7
566657.4	136108.9	129.107	299-W15-225	3/9/2009	204.85	1.14	B1YCW8		75.743
566657.4	136108.9	122.219	299-W15-225	3/27/2009	204.85	0.216	B1YCY0		82.631
566657.4	136108.9	114.63	299-W15-225	4/21/2009	204.85	1.2	B1YCY4		90.22
566657.4	136108.9	108.53	299-W15-225	4/22/2009	204.85	0.989	B1YD21		96.32

Depth-discrete data used in 3D plume generation for uranium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Uranium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566657.4	136108.9	102.45	299-W15-225	4/23/2009	204.85	1.14	B1YD25		102.4
566657.4	136108.9	96.35	299-W15-225	4/24/2009	204.85	0.913	B1YD29		108.5
566657.4	136108.9	90.25	299-W15-225	4/27/2009	204.85	0.869	B1YD33		114.6
566033.3	136450.2	131.293	299-W15-226	6/1/2010	212.373	0.1	B24JB9		81.08
566033.3	136450.2	130.073	299-W15-226	6/2/2010	212.373	0.323	B24JC0		82.3
566033.3	136450.2	118.493	299-W15-226	6/3/2010	212.373	0.468	B24JJ6		93.88
566033.3	136450.2	112.403	299-W15-226	6/4/2010	212.373	0.722	B24JC2		99.97
566033.3	136450.2	106.273	299-W15-226	6/4/2010	212.373	0.726	B24JC3		106.1
566033.3	136450.2	100.173	299-W15-226	6/7/2010	212.373	0.693	B24JC4		112.2
566033.3	136450.2	84.973	299-W15-226	6/10/2010	212.373	0.688	B24JC6		127.4
566033.3	136450.2	78.873	299-W15-226	6/10/2010	212.373	0.553	B24JC7		133.5
566033.3	136450.2	63.373	299-W15-226	6/16/2010	212.373	0.1	B24JC8		149
566034	135966.6	132.372	299-W15-227	6/10/2010	213.752	0.256	B24JD4		81.38
566034	135966.6	126.671	299-W15-227	6/10/2010	213.752	0.481	B24JD5		87.081
566034	135966.6	120.331	299-W15-227	6/11/2010	213.752	0.454	B24JJ7		93.421
566034	135966.6	114.082	299-W15-227	6/16/2010	213.752	0.492	B24JD7		99.67
566034	135966.6	107.952	299-W15-227	6/21/2010	213.752	0.56	B24JD8		105.8
566034	135966.6	102.152	299-W15-227	6/23/2010	213.752	0.563	B24JD9		111.6
566034	135966.6	95.942	299-W15-227	6/24/2010	213.752	0.661	B24JF0		117.81
566034	135966.6	90.152	299-W15-227	6/25/2010	213.752	0.677	B24JF1		123.6
566034	135966.6	83.812	299-W15-227	6/30/2010	213.752	0.712	B24JF2		129.94
566034	135966.6	77.852	299-W15-227	7/1/2010	213.752	0.722	B24JF3		135.9
566034	135966.6	57.74	299-W15-227	7/12/2010	213.752	0.317	B24JF4		156.012
565745.4	135711.5	130.5048	299-W15-228	4/14/2014	208.241	7.06	B2W2M7		77.7362
565745.4	135711.5	123.811	299-W15-228	4/15/2014	208.241	0.466	B2W2N1		84.43
565745.4	135711.5	118.2732	299-W15-228	4/16/2014	208.241	0.51	B2W2N5		89.9678
565745.4	135711.5	112.0248	299-W15-228	4/17/2014	208.241	0.72	B2W2N9		96.2162
565745.4	135711.5	105.804	299-W15-228	4/21/2014	208.241	0.1	B2W2P3		102.437
565745.4	135711.5	100.04	299-W15-228	4/22/2014	208.241	0.596	B2W2R1		108.201
565745.4	135711.5	93.752	299-W15-228	4/23/2014	208.241	1.02	B2W2R5		114.489
565745.4	135711.5	90.941	299-W15-228	11/19/2014	208.241	1.2	B2YRW2		117.3
565745.4	135711.5	87.68	299-W15-228	4/24/2014	208.241	0.886	B2W2R9		120.561
565745.4	135711.5	81.571	299-W15-228	4/28/2014	208.241	0.798	B2W2T3		126.67
565745.4	135711.5	75.516	299-W15-228	4/29/2014	208.241	0.662	B2W2V1		132.725
566581.8	135627	136.091	299-W15-42	1/18/2002	206.53	1.13	B12XL6	70.1	70.439
566581.8	135627	120.27	299-W15-42	1/24/2002	206.53	0.39	B12XM1	85.34	86.26
566581.8	135627	121.2835	299-W15-42	2/27/2002	206.53	2.2	B12XM2		85.2465
566581.8	135627	121.308	299-W15-42	2/27/2002	206.53	1.95	B140B4		85.222
566752.2	135586.7	133.214	299-W15-46	9/14/2004	203.47	1.98	B1B7X7	69.49	70.256
566752.2	135586.7	131.994	299-W15-46	9/28/2004	203.47	3.22	B17NM6	70.71	71.476
566752.2	135586.7	113.706	299-W15-46	10/19/2004	203.47	0.65	B19NM3		89.764
566752.2	135586.7	91.76	299-W15-46	11/10/2004	203.47	0.47	B19NM4		111.71
566752.2	135586.7	44.97	299-W15-46	1/26/2005	203.47	0.15	B1B9N2		158.5

Depth-discrete data used in 3D plume generation for uranium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Uranium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566307.2	135972.9	126.08	299-W15-49	12/7/2004	208.38	0.946	B1BJD9		82.3
566307.2	135972.9	115.42	299-W15-49	12/9/2004	208.38	0.498	B1BJF0		92.96
566307.2	135972.9	107.78	299-W15-49	12/10/2004	208.38	0.536	B1BJF1		100.6
566307.2	135972.9	86.18	299-W15-49	12/14/2004	208.38	0.1	B1BJF2		122.2
566307.2	135972.9	75.03	299-W15-49	12/15/2004	208.38	0.1	B1BJF5-A		133.35
566307.2	135972.9	74.28	299-W15-49	12/15/2004	208.38	0.74	B1BJF4		134.1
566793.5	135790.7	127.82	299-W15-50	1/25/2005	202.5	0.701	B1BJH6		74.68
566793.5	135790.7	120.81	299-W15-50	1/31/2005	202.5	0.567	B1BJH7		81.69
566793.5	135790.7	115.63	299-W15-50	2/2/2005	202.5	0.638	B1BJH8		86.87
566793.5	135790.7	105.57	299-W15-50	2/7/2005	202.5	0.59	B1BJH9		96.93
566793.5	135790.7	99.8	299-W15-50	2/9/2005	202.5	0.18	B1BJJ1		102.7
566951.6	135806.2	129.535	299-W17-2	4/1/2010	204.515	0.172	B24133		74.98
566951.6	135806.2	123.745	299-W17-2	4/1/2010	204.515	0.725	B24135		80.77
566951.6	135806.2	117.345	299-W17-2	4/6/2010	204.515	0.535	B24134		87.17
566951.6	135806.2	110.335	299-W17-2	4/8/2010	204.515	0.606	B24137		94.18
566951.6	135806.2	104.215	299-W17-2	4/9/2010	204.515	0.633	B24138		100.3
566951.6	135806.2	98.415	299-W17-2	4/15/2010	204.515	0.678	B24139		106.1
566951.6	135806.2	92.315	299-W17-2	4/16/2010	204.515	0.702	B24140		112.2
566951.6	135806.2	86.215	299-W17-2	4/19/2010	204.515	0.679	B24141		118.3
566951.6	135806.2	80.815	299-W17-2	4/21/2010	204.515	0.683	B24142		123.7
566951.6	135806.2	61.215	299-W17-2	4/26/2010	204.515	0.786	B24143		143.3
566925.9	135325	130.847	299-W17-3	3/19/2010	206.137	0.1	B23CH2		75.29
566925.9	135325	125.667	299-W17-3	3/23/2010	206.137	0.599	B23CH3		80.47
566925.9	135325	119.267	299-W17-3	3/24/2010	206.137	0.57	B23CH4		86.87
566925.9	135325	113.177	299-W17-3	3/25/2010	206.137	0.502	B23CH5		92.96
566925.9	135325	106.777	299-W17-3	3/26/2010	206.137	0.483	B23CH6		99.36
566925.9	135325	100.637	299-W17-3	3/31/2010	206.137	0.492	B23CH7		105.5
566925.9	135325	94.237	299-W17-3	4/2/2010	206.137	0.47	B23CH8		111.9
566925.9	135325	88.137	299-W17-3	4/7/2010	206.137	0.482	B23CH9		118
566925.9	135325	82.037	299-W17-3	4/12/2010	206.137	0.623	B23CJ0		124.1
566925.9	135325	76.037	299-W17-3	4/15/2010	206.137	0.795	B23CJ1		130.1
566925.9	135325	69.937	299-W17-3	4/16/2010	206.137	1.03	B23CJ2		136.2
566925.9	135325	56.137	299-W17-3	4/20/2010	206.137	0.1	B23CJ3		150
566605.1	135425.7	131.69	299-W18-16	11/22/2004	207.89	2.56	B1BJC2		76.2
566605.1	135425.7	119.5	299-W18-16	12/1/2004	207.89	3.06	B1BJC3		88.39
566605.1	135425.7	108.83	299-W18-16	12/9/2004	207.89	2.28	B1BJC7		99.06
566605.1	135425.7	108.53	299-W18-16	12/9/2004	207.89	2.12	B1BJC6		99.36
566045.1	135048.5	132.457	299-W18-41	7/8/2014	204.756	13.2	B2X8M9		72.299
566045.1	135048.5	126.514	299-W18-41	7/10/2014	204.756	15.7	B2X8N9		78.242
566045.1	135048.5	120.479	299-W18-41	7/11/2014	204.756	4.1	B2X8P4		84.277
566045.1	135048.5	110.969	299-W18-41	7/18/2014	204.756	0.65	B2X8P9		93.787
566045.1	135048.5	105.147	299-W18-41	8/6/2014	204.756	0.94	B2X8R4		99.609
566045.1	135048.5	99.056	299-W18-41	8/11/2014	204.756	1	B2X8R9		105.7

Depth-discrete data used in 3D plume generation for uranium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Uranium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
566045.1	135048.5	92.956	299-W18-41	8/12/2014	204.756	0.98	B2X8T4		111.8
566045.1	135048.5	86.736	299-W18-41	8/13/2014	204.756	0.72	B2X8V4		118.02
566045.1	135048.5	80.546	299-W18-41	8/15/2014	204.756	2.3	B2X8V9		124.21
566045.1	135048.5	75.096	299-W18-41	8/21/2014	204.756	13.8	B2X8W4		129.66
566045.1	135048.5	56.656	299-W18-41	9/2/2014	204.756	1.7	B2X8W9		148.1
567939.1	135014.1	106.74	299-W19-101	8/22/2005	213.44	1.1	B1DF63		106.7
567939.1	135014.1	97.64	299-W19-101	8/23/2005	213.44	1.11	B1DF64		115.8
568007.7	135206.9	129.02	299-W19-104	3/28/2006	216.5	4.6	B1H2H4		87.48
568007.7	135206.9	125.06	299-W19-104	3/29/2006	216.5	0.99	B1H2H5		91.44
567565.2	134745.4	127.62	299-W19-105	1/11/2006	212.96	9.02	B1H2H9		85.34
567565.2	134745.4	118.47	299-W19-105	1/12/2006	212.96	2.66	B1H2J0		94.49
567565.2	134745.4	109.36	299-W19-105	1/13/2006	212.96	1.99	B1H3D6		103.6
567565.2	134745.4	97.16	299-W19-105	1/16/2006	212.96	1.04	B1H2J2		115.8
567997.9	135205.7	119.13	299-W19-107	4/4/2006	216.67	1.35	B1J1W5		97.54
567997.9	135205.7	106.97	299-W19-107	4/5/2006	216.67	0.96	B1H2H6		109.7
567997.9	135205.7	94.77	299-W19-107	4/7/2006	216.67	0.93	B1H2H7		121.9
567997.9	135205.7	86.57	299-W19-107	4/10/2006	216.67	0.81	B1H2H8		130.1
567313	135547	124.278	299-W19-111	7/29/2015	214.261	1.2	B31DK2		89.9831
567313	135547	118.212	299-W19-111	7/30/2015	214.261	0.85	B31DL2		96.0486
567313	135547	112.144	299-W19-111	8/3/2015	214.261	0.88	B31DL7		102.117
567313	135547	105.99	299-W19-111	8/4/2015	214.261	0.71	B31DM2		108.271
567313	135547	100.111	299-W19-111	8/5/2015	214.261	0.69	B31DM7		114.15
567313	135547	94.021	299-W19-111	8/5/2015	214.261	0.54	B31DN2		120.24
567313	135547	87.921	299-W19-111	8/6/2015	214.261	0.78	B31DN7		126.34
567901.9	135013.2	126.804	299-W19-114	9/18/2014	213.674	62.9	B2XBD2		86.87
567901.9	135013.2	122.386	299-W19-114	9/22/2014	213.674	4.7	B2XBD7		91.288
567901.9	135013.2	116.29	299-W19-114	9/23/2014	213.674	2.6	B2XBF1		97.384
567901.9	135013.2	110.074	299-W19-114	9/24/2014	213.674	3.7	B2XBF6		103.6
567901.9	135013.2	103.884	299-W19-114	9/25/2014	213.674	1.5	B2Y5R4		109.79
567901.9	135013.2	94.774	299-W19-114	10/9/2014	213.674	0.92	B2YDY1		118.9
568510	135090	117.769	299-W19-116	1/26/2016	217.5	8.1	B348D1		99.731
568510	135090	108.44	299-W19-116	1/27/2016	217.5	2.4	B348D7		109.06
568510	135090	99.63	299-W19-116	2/1/2016	217.5	1.7	B348F3		117.87
568510	135090	93.48	299-W19-116	2/2/2016	217.5	1.2	B348F9		124.02
568510	135090	84.45	299-W19-116	2/3/2016	217.5	1.3	B348H5		133.05
568510	135090	79.55	299-W19-116	2/4/2016	217.5	1.2	B34HP8		137.95
568510	135090	126.9744	299-W19-116	1/21/2016	217.5	37	B348C5		90.5256
567782.7	134842.5	131.4	299-W19-46	11/19/2002	213.39	23.4	B15PB9		81.99
567782.7	134842.5	128.05	299-W19-46	11/19/2002	213.39	131	B15PC1		85.34
567782.7	134842.5	121.95	299-W19-46	11/20/2002	213.39	134	B15PB8		91.44
567782.7	134842.5	115.85	299-W19-46	11/20/2002	213.39	22.9	B15PC3		97.54
567782.7	134842.5	109.79	299-W19-46	11/20/2002	213.39	2.26	B15PC0		103.6
567782.7	134842.5	103.69	299-W19-46	11/21/2002	213.39	0.883	B15PC4		109.7

Depth-discrete data used in 3D plume generation for uranium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Uranium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
567782.7	134842.5	98.19	299-W19-46	11/21/2002	213.39	1.57	B15PC2		115.2
567822.9	134926	123.74	299-W19-48	11/30/2004	212.13	147	B19383		88.39
567822.9	134926	106.93	299-W19-48	12/9/2004	212.13	1.31	B19384		105.2
567822.9	134926	89.63	299-W19-48	12/14/2004	212.13	0.965	B19386		122.5
567822.9	134926	82.93	299-W19-48	12/16/2004	212.13	1.63	B19388		129.2
567822.9	134926	120.69	299-W19-48	12/9/2004	212.13	1.14	B193J5		91.44
567568	134894.4	128.7	299-W19-49	9/1/2005	213.43	112.76	B1DF55		84.73
567568	134894.4	122.6	299-W19-49	9/1/2005	213.43	47.77	B1DF56		90.83
567568	134894.4	116.5	299-W19-49	9/1/2005	213.43	30.27	B1DF57		96.93
567568	134894.4	106.73	299-W19-49	9/2/2005	213.43	2.72	B1DF58		106.7
567568	134894.4	97.63	299-W19-49	9/6/2005	213.43	1.6	B1DF59		115.8
567939.3	135011.8	128.4	299-W19-50	8/8/2005	213.13	78.34	B1DF60		84.73
567939.3	135011.8	122.3	299-W19-50	8/9/2005	213.13	6.59	B1DF61		90.83
567939.3	135011.8	115.59	299-W19-50	8/11/2005	213.13	7.63	B1DF62		97.54
568124.4	134573.8	107.74	299-W21-2	12/2/2004	214.14	1.49	B1BRB2		106.4
568124.4	134573.8	126.05	299-W21-2	11/24/2004	214.14	4.63	B1BRD8		88.09
568124.4	134573.8	119.96	299-W21-2	11/29/2004	214.14	2.54	B1BRD7		94.18
568124.4	134573.8	112.34	299-W21-2	12/1/2004	214.14	0.92	B1BRD9		101.8
568124.4	134573.8	134.89	299-W21-2	12/2/2004	214.14	1.46	B1BRF1		79.25
568124.4	134573.8	101.64	299-W21-2	12/6/2004	214.14	1.12	B1BRF0		112.5
568124.4	134573.8	98.04	299-W21-2	12/7/2004	214.14	0.9	B1BXJ2		116.1
568571	133988	129.186	299-W21-3	2/29/2016	212	4.6	B349L0		82.814
568571	133988	115.747	299-W21-3	3/2/2016	212	2.5	B349L6		96.2528
568571	133988	109.441	299-W21-3	3/2/2016	212	1.3	B349M2		102.559
568571	133988	100.2	299-W21-3	3/8/2016	212	1.4	B349M8		111.8
568571	133988	91.42	299-W21-3	3/9/2016	212	1.1	B349N4		120.58
568571	133988	85.23	299-W21-3	3/9/2016	212	1.3	B349P0		126.77
567179.6	134347.8	128.33	299-W22-69	1/30/2006	207.27	2.01	B1H2J3		78.94
567179.6	134347.8	118.88	299-W22-69	2/1/2006	207.27	1.9	B1H3D7		88.39
567179.6	134347.8	110.801	299-W22-69	2/2/2006	207.27	1.24	B1H2J5		96.469
567179.6	134347.8	92.42	299-W22-69	2/8/2006	207.27	1.05	B1H2J6		114.85
567237.4	134207.1	130.84	299-W22-72	2/23/2006	207.34	0.72	B1H2J7		76.5
567237.4	134207.1	118.95	299-W22-72	2/24/2006	207.34	0.89	B1H2J8		88.39
567237.4	134207.1	112.85	299-W22-72	2/27/2006	207.34	1.23	B1HT51		94.49
567237.4	134207.1	109.8	299-W22-72	2/28/2006	207.34	1.37	B1H2K0		97.54
567237.4	134207.1	98.298	299-W22-72	2/28/2006	207.34	1.12	B1HTJ2		109.042
567186.7	134041.3	129.5	299-W22-86	3/13/2006	205.7	3.29	B1HTJ3		76.2
567186.7	134041.3	124.32	299-W22-86	3/13/2006	205.7	2.07	B1HTJ4		81.38
567186.7	134041.3	117.31	299-W22-86	3/14/2006	205.7	4.12	B1HTJ5		88.39
567186.7	134041.3	111.21	299-W22-86	3/14/2006	205.7	1	B1HTJ6		94.49
567186.7	134041.3	115.78	299-W22-86	3/15/2006	205.7	1.56	B1HXX4		89.92
567186.7	134041.3	108.16	299-W22-86	3/15/2006	205.7	1.01	B1H2K3		97.54
567186.7	134041.3	99	299-W22-86	3/16/2006	205.7	0.56	B1HXX5		106.7

Depth-discrete data used in 3D plume generation for uranium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Uranium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
567541.8	134539.9	129.28	299-W22-87	12/20/2005	211.27	1.08	B1H2K5		81.99
567541.8	134539.9	119.83	299-W22-87	12/21/2005	211.27	1.25	B1H2K6		91.44
567541.8	134539.9	110.67	299-W22-87	12/22/2005	211.27	0.82	B1H3F0		100.6
567541.8	134539.9	95.47	299-W22-87	12/27/2005	211.27	2.76	B1H2K8		115.8
568046.5	134390.5	129.02	299-W22-88	2/13/2008	213.14	2.42	B1PM65		84.12
568046.5	134390.5	119.57	299-W22-88	2/15/2008	213.14	2.81	B1PM66		93.57
568046.5	134390.5	107.34	299-W22-88	2/20/2008	213.14	1.04	B1PM67		105.8
568046.5	134390.5	97.34	299-W22-88	2/27/2008	213.14	0.69	B1PM68		115.8
568046.5	134390.5	79.64	299-W22-88	2/28/2008	213.14	0.45	B1PM69		133.5
566961.4	134483.2	130.47	299-W22-90	10/24/2011	207.07	3.3	B2CP06		76.6
566961.4	134483.2	117.87	299-W22-90	10/31/2011	207.07	0.36	B2CP08		89.2
566961.4	134483.2	123.97	299-W22-90	10/26/2011	207.07	1.3	B2CP07		83.1
566961.4	134483.2	111.97	299-W22-90	11/3/2011	207.07	0.83	B2CP09		95.1
566911.8	134134.5	130.94	299-W22-91	9/7/2011	204.4	2.5	B2CPD3		73.46
566911.8	134134.5	124.24	299-W22-91	9/14/2011	204.4	1.6	B2CPD4		80.16
566911.8	134134.5	118.02	299-W22-91	9/16/2011	204.4	0.55	B2CPD5		86.38
566911.8	134134.5	112.289	299-W22-91	9/21/2011	204.4	0.34	B2CPD6		92.111
567167.8	134029.8	130.912	299-W22-92	6/15/2011	205.558	1.73	B2CT10		74.646
567167.8	134029.8	124.725	299-W22-92	7/1/2011	205.558	0.977	B2CT11		80.833
567167.8	134029.8	118.998	299-W22-92	7/11/2011	205.558	1.16	B2CT12		86.56
567167.8	134029.8	112.288	299-W22-92	7/18/2011	205.558	0.204	B2CT13		93.27
567170.5	134549.1	129.589	299-W22-95	8/20/2013	208.264	0.875	B2PW19		78.675
567170.5	134549.1	127.355	299-W22-95	8/26/2013	208.264	0.628	B2PW23		80.9092
567170.5	134549.1	118.217	299-W22-95	9/3/2013	208.264	0.578	B2PW27		90.0471
567170.5	134549.1	111.399	299-W22-95	9/9/2013	208.264	0.564	B2PW31		96.865
567351.9	134145.6	130.781	299-W22-96	5/23/2011	208.501	1.97	B2CTV2		77.72
567351.9	134145.6	124.864	299-W22-96	5/26/2011	208.501	0.605	B2CTV3		83.637
568175.4	137621.1	118.793	299-W5-2	9/30/2015	217.115	1.1	B31CX8		98.3224
568175.4	137621.1	111.42	299-W5-2	9/30/2015	217.115	1.5	B31CY3		105.695
568175.4	137621.1	108.275	299-W5-2	10/1/2015	217.115	1.2	B31CY8		108.84
568175.4	137621.1	101.745	299-W5-2	10/1/2015	217.115	1.1	B31D03		115.37
568175.4	137621.1	93.226	299-W5-2	10/6/2015	217.115	1.6	B31D08		123.889
568175.4	137621.1	91.004	299-W5-2	12/1/2015	217.115	1.4	B33BM9		126.111
568175.4	137621.1	86.981	299-W5-2	10/6/2015	217.115	1.4	B31D14		130.134
568175.4	137621.1	81.202	299-W5-2	10/7/2015	217.115	1.1	B31D24		135.913
567313.3	137630.6	130.244	299-W6-13	7/27/2011	216.804	1.1	B2BJ65		86.56
567313.3	137630.6	124.144	299-W6-13	7/27/2011	216.804	1.79	B2BJ66		92.66
567313.3	137630.6	118.044	299-W6-13	8/1/2011	216.804	1.73	B2BJ67		98.76
567313.3	137630.6	111.904	299-W6-13	8/2/2011	216.804	1.9	B2BJ69		104.9
567313.3	137630.6	105.904	299-W6-13	8/2/2011	216.804	2.07	B2BJ70		110.9
567313.3	137630.6	99.804	299-W6-13	8/3/2011	216.804	1.85	B2BJ71		117
567313.3	137630.6	93.704	299-W6-13	8/3/2011	216.804	1.69	B2BJ72		123.1
567313.3	137630.6	87.604	299-W6-13	8/4/2011	216.804	1.5	B2BJ73		129.2

Depth-discrete data used in 3D plume generation for uranium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Uranium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
567313.3	137630.6	81.504	299-W6-13	8/4/2011	216.804	1.3	B2BJ74		135.3
566939.6	137388.9	125.554	299-W6-14	4/26/2011	212.114	0.588	B2BLJ1		86.56
566939.6	137388.9	119.764	299-W6-14	4/26/2011	212.114	1.17	B2BLJ2		92.35
566939.6	137388.9	113.354	299-W6-14	4/28/2011	212.114	0.308	B2BLJ3		98.76
566939.6	137388.9	107.214	299-W6-14	4/29/2011	212.114	1.07	B2BLJ4		104.9
566939.6	137388.9	101.214	299-W6-14	5/3/2011	212.114	1.07	B2BLJ5		110.9
566939.6	137388.9	95.114	299-W6-14	5/4/2011	212.114	0.958	B2BLK0		117
566939.6	137388.9	82.914	299-W6-14	5/6/2011	212.114	0.999	B2BLJ8		129.2
566939.6	137388.9	77.414	299-W6-14	5/10/2011	212.114	0.959	B2DW57		134.7
566939.6	137388.9	71.314	299-W6-14	5/12/2011	212.114	0.93	B2DVW0		140.8
566939.6	137388.9	67.614	299-W6-14	5/17/2011	212.114	0.807	B2DVW3		144.5
569991	132739.2	125.728	699-30-66	9/9/2004	209.7	0.196	B192L1	83.668	83.972
569991	132739.2	114.91	699-30-66	9/21/2004	209.7	1.33	B192L3		94.79
569991	132739.2	104.5	699-30-66	10/5/2004	209.7	1.47	B192L4		105.2
569991	132739.2	90.8	699-30-66	10/12/2004	209.7	1.32	B193Y2		118.9
569991	132739.2	104.2	699-30-66	10/5/2004	209.7	1.02	B193H7	105.2	105.5
566683.9	133137.7	129.6	699-32-76	12/6/2007	203.97	1.96	B1PM57		74.37
566683.9	133137.7	120.302	699-32-76	12/11/2007	203.97	1.24	B1PM58		83.668
566683.9	133137.7	98.77	699-32-76	12/12/2007	203.97	1.14	B1PM59		105.2
566683.9	133137.7	99.07	699-32-76	12/14/2007	203.97	0.89	B1PM60		104.9
567472.7	133552.2	108.44	699-33-74	3/21/2008	205.37	0.58	B1PM79		96.93
567472.7	133552.2	96.27	699-33-74	3/24/2008	205.37	0.5	B1PM80		109.1
566907.8	133662.5	131.62	699-33-75	1/16/2008	206.6	2.36	B1PM53	74.37	74.98
566907.8	133662.5	122.78	699-33-75	1/17/2008	206.6	1.55	B1PM54		83.82
566907.8	133662.5	113.03	699-33-75	1/18/2008	206.6	0.76	B1PM55		93.57
566907.8	133662.5	101.1	699-33-75	1/22/2008	206.6	1.6	B1PM56		105.5
566621.2	133600.4	129.13	699-33-76	3/3/2008	203.2	1.13	B1PM61		74.07
566621.2	133600.4	119.99	699-33-76	3/4/2008	203.2	0.78	B1PM62		83.21
566621.2	133600.4	110.876	699-33-76	3/5/2008	203.2	0.69	B1PM63		92.324
566621.2	133600.4	98.84	699-33-76	3/6/2008	203.2	0.69	B1PM64		104.36
567860	133785.3	126.53	699-34-72	2/28/2008	205.17	4.81	B1PM44		78.64
567860	133785.3	117.57	699-34-72	2/29/2008	205.17	3.95	B1PM45		87.6
567860	133785.3	105.04	699-34-72	3/4/2008	205.17	1.2	B1PM46		100.13
567860	133785.3	92.76	699-34-72	3/5/2008	205.17	0.74	B1PM47		112.41
568427.8	134626	130.67	699-36-70B	8/18/2004	214.49	1.17	B19150		83.82
568427.8	134626	100.19	699-36-70B	9/14/2004	214.49	1.59	B19154		114.3
568427.8	134626	86.49	699-36-70B	9/23/2004	214.49	0.11	B1BBY2		128
568427.8	134626	121.53	699-36-70B	9/2/2004	214.49	0.2	B19J06		92.96
568427.8	134626	110.89	699-36-70B	9/9/2004	214.49	0.16	B19J07		103.6
570189.6	135318.8	122.726	699-38-64	9/26/2014	230.776	1.3	B2XBM8		108.05
570189.6	135318.8	116.236	699-38-64	10/3/2014	230.776	0.974	B2XBN5		114.54
570189.6	135318.8	91.326	699-38-64	10/13/2014	230.776	1.2	B2XBP2		139.45
570189.6	135318.8	85.536	699-38-64	10/15/2014	230.776	1.2	B2XBP7		145.24

Depth-discrete data used in 3D plume generation for uranium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Uranium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
570189.6	135318.8	78.836	699-38-64	10/20/2014	230.776	1.34	B2XBR7		151.94
570189.6	135318.8	71.676	699-38-64	10/21/2014	230.776	1.24	B2XBT2		159.1
570189.6	135318.8	66.476	699-38-64	10/23/2014	230.776	1.28	B2XBT7		164.3
568469.1	135331	126.11	699-38-70B	2/4/2004	221.82	1.45	B181M6		95.71
570057.5	135881.2	120.94	699-40-65	12/18/2003	230.34	1.54	B181M4		109.4
570057.5	135881.2	90.14	699-40-65	12/31/2003	230.34	2.92	B181M5		140.2
569420.3	135815.7	124.238	699-40-67	3/11/2014	228.738	1.58	B2W2C3		104.5
569420.3	135815.7	118.828	699-40-67	3/13/2014	228.738	1.21	B2W2C7		109.91
569420.3	135815.7	98.828	699-40-67	3/25/2014	228.738	1	B2W2D1		129.91
569420.3	135815.7	92.648	699-40-67	3/26/2014	228.738	1.08	B2W2D9		136.09
569420.3	135815.7	86.948	699-40-67	3/27/2014	228.738	1.74	B2W2F3		141.79
569420.3	135815.7	80.328	699-40-67	3/31/2014	228.738	1.92	B2W2F7		148.41
569420.3	135815.7	74.538	699-40-67	4/1/2014	228.738	1.71	B2W2H1		154.2
569420.3	135815.7	67.319	699-40-67	4/8/2014	228.738	1.24	B2W2H9		161.419
569390.3	136199.8	125.425	699-42-67	10/17/2011	228.265	0.6	B2BTJ3		102.84
569390.3	136199.8	119.175	699-42-67	10/18/2011	228.265	1.4	B2BTJ4		109.09
569390.3	136199.8	113.205	699-42-67	10/19/2011	228.265	1.4	B2BTJ5		115.06
569390.3	136199.8	100.865	699-42-67	11/15/2011	228.265	1.4	B2BTJ6		127.4
569390.3	136199.8	95.365	699-42-67	11/16/2011	228.265	1.2	B2BTJ7		132.9
569390.3	136199.8	88.965	699-42-67	11/17/2011	228.265	1.3	B2BTJ8		139.3
569390.3	136199.8	82.565	699-42-67	11/21/2011	228.265	1.1	B2JD84		145.7
569390.3	136199.8	76.465	699-42-67	11/22/2011	228.265	1.1	B2JD90		151.8
569369.9	136560.4	121.602	699-43-67	7/1/2010	227.302	1.48	B24JH8		105.7
569369.9	136560.4	102.602	699-43-67	7/8/2010	227.302	1.85	B24JJ9		124.7
569369.9	136560.4	96.502	699-43-67	7/28/2010	227.302	1.25	B24JJ0		130.8
569369.9	136560.4	91.102	699-43-67	7/28/2010	227.302	1.48	B24JJ1		136.2
569369.9	136560.4	84.002	699-43-67	8/2/2010	227.302	8.61	B24JJ2		143.3
568967	136488.5	123.84	699-43-69	3/12/2008	226.54	1.13	B1P0T3		102.7
568967	136488.5	117.74	699-43-69	3/14/2008	226.54	0.94	B1P0T4		108.8
568967	136488.5	115.64	699-43-69	3/18/2008	226.54	1.05	B1P0T5		110.9
568967	136488.5	101.54	699-43-69	3/26/2008	226.54	1.48	B1P0T6		125
568967	136488.5	94.24	699-43-69	4/1/2008	226.54	1.24	B1P0T7		132.3
568967	136488.5	87.84	699-43-69	4/2/2008	226.54	1.08	B1P0T8		138.7
568967	136488.5	80.54	699-43-69	4/4/2008	226.54	0.6	B1P0T9		146
568967	136488.5	73.84	699-43-69	4/9/2008	226.54	1.12	B1P0V0		152.7
569338	136894.3	124.495	699-44-67	10/25/2011	224.165	0.59	B2BTC7		99.67
569338	136894.3	109.865	699-44-67	11/3/2011	224.165	1.7	B2BTD2		114.3
569338	136894.3	103.465	699-44-67	11/4/2011	224.165	1.4	B2BTC9		120.7
569338	136894.3	97.365	699-44-67	11/7/2011	224.165	1.3	B2BTD0		126.8
569338	136894.3	91.265	699-44-67	11/8/2011	224.165	1.3	B2BTD1		132.9
569338	136894.3	86.245	699-44-67	11/9/2011	224.165	1.3	B2J9F4		137.92
569338	136894.3	84.715	699-44-67	11/9/2011	224.165	1.2	B2J9F5		139.45
569338	136894.3	80.565	699-44-67	11/10/2011	224.165	1.4	B2J9F6		143.6

Depth-discrete data used in 3D plume generation for uranium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Uranium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
569257	137263	125.591	699-45-67	7/15/2010	219.771	1.01	B24JH0		94.18
569257	137263	120.711	699-45-67	7/16/2010	219.771	1.16	B24JH1		99.06
569257	137263	103.921	699-45-67	7/22/2010	219.771	1.17	B24JJ8		115.85
569257	137263	97.871	699-45-67	7/23/2010	219.771	0.999	B24JH3		121.9
569257	137263	92.071	699-45-67	7/27/2010	219.771	1.24	B24JH4		127.7
568947.1	137233.8	124.74	699-45-69C	8/10/2007	221.67	0.89	B1P0X0		96.93
568947.1	137233.8	122.31	699-45-69C	8/15/2007	221.67	0.922	B1P0X1		99.36
568947.1	137233.8	110.07	699-45-69C	8/31/2007	221.67	1.26	B1PK67		111.6
568947.1	137233.8	102.77	699-45-69C	9/6/2007	221.67	1.21	B1P108		118.9
568947.1	137233.8	90.87	699-45-69C	9/12/2007	221.67	0.79	B1P109	129.8	130.8
568947.1	137233.8	83.57	699-45-69C	10/1/2007	221.67	1.19	B1P110	135.9	138.1
569109.8	137600.9	124.921	699-46-68	2/27/2014	217.062	0.828	B2W217		92.141
569109.8	137600.9	105.902	699-46-68	3/4/2014	217.062	1.31	B2W225		111.16
569109.8	137600.9	98.762	699-46-68	4/7/2014	217.062	0.876	B2W229		118.3
569109.8	137600.9	91.762	699-46-68	4/10/2014	217.062	1.06	B2W233		125.3
569109.8	137600.9	83.862	699-46-68	4/16/2014	217.062	0.944	B2WJ53		133.2
568829.7	137966.5	124.22	699-49-69	5/29/2014	211.09	1.44	B2W346		86.87
568829.7	137966.5	118.288	699-49-69	5/29/2014	211.09	1.09	B2W350		92.8025
568829.7	137966.5	110.79	699-49-69	6/2/2014	211.09	1.18	B2W358		100.3
568829.7	137966.5	105.94	699-49-69	6/3/2014	211.09	1.11	B2W362		105.15
568829.7	137966.5	99.875	699-49-69	6/4/2014	211.09	1.13	B2W370		111.215
568829.7	137966.5	93.8	699-49-69	6/5/2014	211.09	1.29	B2W374		117.29
568829.7	137966.5	87.53	699-49-69	6/9/2014	211.09	1.16	B2W378		123.56

Depth-discrete data used in 3D plume generation for uranium

X	Y	Z	Well Name	Sample Date and Time	Elevation (m)	Uranium (pCi/L)	Sample Number	Sample Top (m)	Sample Bottom (m)
567673.6	135012.2	113.3449	299-W19-34A	10/9/2013	214.508	1.51	B2R4J8		101.1631
567662.9	135010.7	87.57452	299-W19-34B	10/9/2013	214.51	0.98	B2R4C4		126.9355
568469.1	135331	115.72	699-38-70B	2/5/2004	221.82	1.04	B181M7		106.1
568469.1	135331	107.82	699-38-70B	2/6/2004	221.82	0.97	B181M8		114
568469.1	135331	97.12	699-38-70B	2/6/2004	221.82	0.74	B181M9		124.7
568469.1	135331	88.02	699-38-70B	2/11/2004	221.82	0.7	B181N0		133.8
568469.1	135331	75.97	699-38-70B	2/27/2004	221.82	1.38	B181N5		145.85
569084.1	135325.6	125.63	699-38-70C	2/18/2004	225.93	3.02	B181N1		100.3
569084.1	135325.6	114.63	699-38-70C	2/19/2004	225.93	2.76	B181N2		111.3
569084.1	135325.6	104.33	699-38-70C	2/20/2004	225.93	2.67	B181N3		121.6
569084.1	135325.6	98.53	699-38-70C	2/20/2004	225.93	2.79	B181N4		127.4