LMS/PIN/N01747

Pinellas County, Florida, Site

Building 100 Area Site Assessment Report

August 2012

U.S. DEPARTMENT OF ENERGY | Legacy Management

This page intentionally left blank

LMS/PIN/N01747

Pinellas County, Florida, Site
Building 100 Area Site Assessment Report

August 2012

This page intentionally left blank

Contents

Abbreviations iii
1.0 Purpose 1
2.0 Summary of Site History and Operations 1
3.0 Delineation and Remediation History 1
4.0 Hydrogeology 3
5.0 Plume Delineation Results 5
6.0 Investigation-Derived Waste Disposal 6
7.0 Description of Proposed Action 7
8.0 References 7

Figures

Figure 1. Site Location Map 8
Figure 2. Potential Source Areas Under Building 100 9
Figure 3. Building 100 Area Remediation Activities Timeline 11
Figure 4. Building 100 Area Geologic Cross Section 12
Figure 5. Building 100 Area Shallow Surficial Aquifer Flow, September 2011 13
Figure 6. Building 100 Area Deep Surficial Aquifer Flow, September 2011 14
Figure 7. Building 100 Area Shallow Surficial Aquifer Flow, March 2012 15
Figure 8. Building 100 Area Deep Surficial Aquifer Flow, March 2012 16
Figure 9. Vicinity Map of Property Boundaries and Drainage Features 17
Figure 10. Vicinity Wells 19
Figure 11. Building 100 Area TCE Plume Map 21
Figure 12. Building 100 Area cDCE Plume Map 22
Figure 13. Building 100 Area South cDCE Plume Map 23
Figure 14. Building 100 Area VC Plume Map 24
Figure 15. Building 100 Area South VC Plume Map 25
Figure 16. Building 100 Area East VC Plume Map 26
Figure 17. Building 100 Area 1,4-Dioxane Plume Map 27
Figure 18. Building 100 Area South 1,4-Dioxane Plume Map 28
Figure 19. Building 100 Area East 1,4-Dioxane Plume Map 29

Tables

Table 1. COPCs, CTLs, and Maximum Concentrations Since 2007 31
Table 2. Building 100 Area Plume Delineation Events from 2007 Through July 2012 31
Table 3. Building 100 Area Water Levels, September 2011 32
Table 4. Building 100 Area Water Levels, March 2012 35
Table 5. Vicinity Wells 38
Table 6. Grain Size Analysis 39
Table 7. South Plume Drive-Point Sampler Results 41
Table 8. East Plume Drive-Point Sampler Results 50
Table 9. Building 100 Area Monitoring Well Results Since 2007 59

Table 10. Monitoring Well Completion Information 81
Table 11. Building 100 Area Field Data, September 2011 84
Table 12. Building 100 Area Field Data, March 2012 86
Table 13. Additional Groundwater Quality Data 89

Appendixes

Appendix A Contaminant Concentration Cross-Sections
Appendix B Laboratory Analytical Reports

Plate

Plate 1 Monitoring Wells and Temporary Sampling Locations

Abbreviations

1,1-DCE	1,1-dichloroethene
bls	below land surface
cDCE	*cis*-1,2-dichloroethene
COPC	contaminant of potential concern
CTL	cleanup target level
C_u	uniformity coefficient
DOE	U.S. Department of Energy
FDEP	Florida Department of Environmental Protection
ft	feet
K	hydraulic conductivity
RCRA	Resource Conservation and Recovery Act
TCE	trichloroethene
tDCE	*trans*-1,2-dichloroethene
VC	vinyl chloride
WPSC	Walter Pownall Service Center

This page intentionally left blank

1.0 Purpose

The purpose of this Pinellas County, Florida, Site Assessment Report is to (1) summarize the results from groundwater contaminant plume delineation work conducted at the Building 100 Area at the Young - Rainey Science, Technology, and Research Center (STAR Center) since 2007 and (2) describe the location of the groundwater contaminant plumes that originate beneath Building 100. This document follows the Site Assessment Report guidelines that are listed in Chapter 62-780.600(8) *Florida Administrative Code*.

2.0 Summary of Site History and Operations

The Pinellas Plant was constructed in the mid-1950s and primarily manufactured neutron generators for nuclear weapons for about 40 years. The former Pinellas Plant is now known as the STAR Center (Figure 1). Building 100 is the most notable feature of the STAR Center, covering approximately 11 acres in the southeastern corner of the site. Waste-handling activities during U.S. Department of Energy (DOE) ownership resulted in releases of organic solvents to the soil and groundwater under the building.

The Old Drum Storage Site is the former location of a concrete storage pad that was equipped with a drain and containment system and was once used to store hazardous waste. Empty drums containing residual waste solvents also were stored in this area. The pad was removed in 1983, but no remediation was conducted before Building 100 was expanded to cover the pad area (Figure 2). Chlorinated solvents may have been released in this general area.

In addition to the drum storage pad, leaks from chemical and health physics drain lines that ran under the building are likely sources of chlorinated solvents. The drain lines were investigated and repaired on at least two dates, in the 1970s and in 1989. The drain line problems that occurred in the 1970s are shown on the map as a general area under the northwest part of Building 100 because detailed information concerning the exact location of these leaks is not available (Figure 2). In 1989, chemical drain line damage was visually identified using a downhole camera under the northwest, northeast, and southeast parts of Building 100 (Figure 2). Damage to the health physics drain lines was also identified, but the locations were not specified. The historical documentation does not describe actual releases from the drain lines; instead it identifies drain damage where waste may or may not have been released.

3.0 Delineation and Remediation History

Characterization of subsurface contamination at the Building 100 Area began in May 1990 and the first remedial action, two groundwater recovery wells near the northwest corner of the building, began in October 1997. Figure 3 is a timeline of Building 100 Area remediation activities.

Current contaminants of potential concern (COPCs) for groundwater are trichloroethene (TCE); *cis*-1,2-dichloroethene (cDCE); *trans*-1,2-dichloroethene (tDCE); 1,1-dichloroethene (1,1-DCE); vinyl chloride (VC); 1,4-dioxane; and arsenic. Monitoring for arsenic is no longer conducted

because concentrations are below the cleanup target level (CTL) for groundwater designated as poor quality. COPCs and their CTLs are listed in Table 1.

The Comprehensive Environmental Assessment and Response Program *Phase I: Installation Assessment Pinellas Plant* (DOE 1987) identified the Old Drum Storage Site (located near the northwest corner of Building 100) and the Industrial Drain Leaks beneath Building 100 as areas potentially requiring remediation based on past waste storage and handling activities. A 1991 Resource Conservation and Recovery Act (RCRA) Facility Investigation (DOE 1991) confirmed that corrective measures would be necessary. Because of proximity and similar contaminants, the Old Drum Storage Site (SWMU PIN06) and Industrial Drain Leaks (SWMU PIN12) were combined into the Building 100 Area.

The Corrective Measures Study Report for the Building 100 Area (DOE 1994) determined that installation of two groundwater recovery wells near the northwest corner of Building 100 would be sufficient to clean up the contamination identified during the RCRA Facility Investigation. Operation of the two recovery wells began in October 1997 and continued until August 2006.

Additional groundwater sampling in 1995 (DOE 1996a and DOE 1996b) demonstrated that significant contaminant concentrations in groundwater were present beneath other areas of the building and that lower levels of contamination were present south and east of the building. At that time, monitoring well data suggested that the contaminant plume ended near the south and east property boundaries.

The *Building 100 Area Corrective Measures Implementation Plan Addendum* (DOE 1998) recommended the installation of two additional recovery wells at the southeast corner of Building 100 to address the larger area of contamination identified in 1996, but implementation was deferred pending evaluation of other potential remedial options.

Biosparging was considered, but a biosparging project that began operation in November 1999 at the 4.5 Acre Site, located adjacent to the western edge of the STAR Center, proved unsuccessful at treating contaminants similar in type and concentration to those at the Building 100 Area. A pilot test to evaluate enhancing natural reductive bioremediation processes by injecting an electron donor was conducted at the Building 100 Area in 2003 and showed a decrease in contaminant concentrations, but CTLs were not achieved.

In 2007 DOE learned that Pinellas County Utilities and Pinellas County Public Works planned major water line replacement and road construction, respectively, along both Bryan Dairy and Belcher Roads adjacent to the Building 100 Area. For this work, dewatering (extraction of shallow groundwater) would be conducted in areas where trenching was needed, and some of the trenching would be conducted in areas near the contaminant plumes. To evaluate potential worker exposure to contaminants, monitoring wells were installed at the STAR Center south and east property boundaries in October 2007 and on the Bryan Dairy Road and Belcher Road rights-of-way in February 2008. This investigation confirmed that the plume was offsite south of Bryan Dairy Road, on the county right-of-way.

Additional delineation in 2009, 2010, and 2011 confirmed that the contaminant plume extends south of Bryan Dairy Road onto property at 8040 Bryan Dairy Road (owned by Harrod Properties), 10980 Belcher Road (owned by Rally Stores), and 10950 Belcher Road (owned by

Better Business Forms) (Plate 1). The results of these investigations were originally reported in DOE 2010, DOE 2011a, and DOE 2011b and are also included in Section 5.0 of this report. Table 2 lists the delineation events from 2007 through July 2012.

Additional delineation east of Building 100 in 2011 showed that a separate contaminant plume extends from under the east side of Building 100, across Belcher Road, and onto 11111 Belcher Road (the Walter Pownall Service Center [WPSC]) (Plate 1). This work was conducted on May 9–May 23, June 13–June 29, and August 30–September 9, 2011. The results of this investigation were reported in DOE 2011c, and are also included in Section 5.0 of this document. During this work, chlorinated ethene contaminants were measured at concentrations that exceed CTLs, but 1,4-dioxane was also measured offsite at maximum concentrations ranging from 50 to 100 times its CTL. Previously, sampling of monitoring wells in this area showed very low to nondetect concentrations of 1,4-dioxane. As a result of this investigation, 1,4-dioxane was added as a COPC for the Building 100 Area.

Additional delineation on the WPSC in March and April 2012 defined the extent of the contaminant plume on this property; those results are reported in this document. Installation of permanent monitoring wells on the WPSC was planned for August 2012.

An interim remedial action using a single recovery well to collect hydraulic information began in July 2009 and ended in May 2011. Located in the south plume near the southern STAR Center property boundary, recovery well PIN12-RW03 had a radius of influence that likely captured the entire south plume as it exited the property. Operation of this recovery well ceased in May 2011 to allow treatment of the groundwater produced during the County's road work.

4.0 Hydrogeology

The uppermost sediments at the site consist of unconsolidated, silty, fine-grained sands with some shell and organic-rich layers. These surficial sediments generally range in thickness from approximately 35 feet (ft) to 40 ft (Figure 4). Underlying the surficial sediments is the Hawthorn Group, a 70 ft thick clay layer that forms an aquitard between the surficial aquifer and the underlying Floridan aquifer.

Shallow groundwater in the Building 100 Area flows to the southeast under a very slight gradient of about 0.002 ft/ft. Based on approximations of 1 ft/day for hydraulic conductivity and 0.3 for effective porosity, groundwater flow velocity is estimated to be about 2.4 ft per year. Depth to groundwater ranges from 0 to 5 ft below land surface (bls), varying by season and recent rainfall. Based mainly on water level differences in wells screened at shallow and deep intervals in the surficial aquifer, this aquifer has been divided into shallow and deep units. The division between the two units is at about 20 ft bls and is the result of a discontinuous, organic-rich, silty sand that has a lower hydraulic conductivity than 1 ft/day.

Water levels for the shallow and deep surficial aquifer in September 2011 (wet season) and March 2012 (dry season) are shown in Figures 5 through 8. The water level data are listed in Tables 3 and 4. The significant depression in the water table at the southeast corner of the site evident on both the shallow and deeps maps for September 2011 is due to dewatering activities conducted for Pinellas County's road work.

Groundwater flow in the shallow surficial aquifer is affected by the presence of the South Pond and the Southwest Pond, both of which are located about 100 ft south of Building 100. The South Pond provides irrigation water for the STAR Center property, and pumping from the pond can induce groundwater flow toward and discharge into the pond. The South and Southwest Ponds typically act as discharge points for the shallow surficial aquifer in both the wet and dry seasons. The South Pond was constructed in 1984, and the Southwest Pond was constructed in 1999. Figure 9 shows the ponds and other surface features near the Building 100 Area.

The pond on the WPSC property apparently acts as a hydraulic barrier to groundwater flow, as evidenced by the deflection of the east plume to the northeast (Plate 1). Water levels in the pond are consistently higher than the water levels in the nearby wells, allowing the pond to act as a barrier to groundwater flow.

In July 2009, an aquifer drawdown and recovery test was conducted using recovery well PIN12-RW03 to estimate the hydraulic conductivity (K) of the surficial aquifer in this vicinity. RW03, which is fully screened through the surficial aquifer from 3 to 38 ft bls, was used as the pumping well. Water levels were measured in six nearby monitoring wells that were all located between 75 and 200 ft from the pumping well. The results of the aquifer test estimated the K value of the surficial aquifer in the area around RW03 to be about 7 ft/day, which is greater than K values previously estimated for other parts of the STAR Center. Aquifer tests and slug tests conducted at the 4.5 Acre Site, Northeast Site, and around Building 100 have typically estimated K values for the surficial aquifer of about 1 ft/day. While proximity to the South Pond may play some part in the higher K value determined during the RW03 aquifer test, it appears likely that this well is located in a preferential flow pathway with an estimated groundwater velocity of 17 ft/year.

A well survey was done to determine if any public supply wells are present within one-half mile of the site and whether any private water supply wells are present within one-quarter mile radius of the site. The records database of the Southwest Florida Water Management District was queried for the presence of aquaculture, augmentation, domestic, industrial, irrigation, livestock, public supply, and remediation-recovery wells in the following four sections: Section 13, Township 30 South, Range 15 East; S12, T30S, R15E; S7, T30S, R16E; and S18, T30S, R16E. The site is located in S13. Of these eight types of wells, only domestic, irrigation, public supply, and remediation-recovery wells have been permitted in these sections. The numbers of wells, divided by type and section, are listed in Table 5. The only water wells known to exist near the contaminant plumes are four irrigation wells that extract water from the Upper Floridan Aquifer. Two wells are located on the STAR Center, one well is located on the WPSC property, and one well is located on the Harrod property (Figure 10).

In May 2012, soil samples were collected onsite near recovery well PIN12-RW03 and offsite on the west side of the WPSC for analysis of physical parameters. A total of 92 grain-size samples were collected from three locations near RW03 and six locations at the WPSC (Table 6; Plate 1). The samples were analyzed for grain size by use of the 200 mesh screen sieve method. The purpose of this testing was to look for evidence in the soil matrix that might support the presence of preferential pathways for the transport of contaminants to the south and east of the STAR Center. For this reason, the locations were chosen both within, and on either side of, the interpreted preferential pathways.

For each sample, a "percent fines" was read from the grain-size graph, and a uniformity coefficient (C_u) was estimated for those samples that contained no more than ten percent fines. The C_u is a measure of how well or poorly sorted a sediment is. The percent fines and C_u values were compared for samples collected within and outside the interpreted preferential pathways, and no evidence of these pathways was found. The percent fines, however, indicate the presence of the previously interpreted lower permeability layer that separates the upper and lower portions of the surficial aquifer. This layer is less than 2 ft thick and is typically present at about 20 ft bls.

In addition to the grain-size analyses, flexible wall permeameter testing was performed on two Shelby tube samples collected from the uppermost portion of the Hawthorn Group to estimate vertical hydraulic conductivity. One Shelby tube was collected near RW03 from a depth of 38.0–40.5 ft bls. The test on this sample estimated a vertical hydraulic conductivity of 1.3E-4 ft/day. The second Shelby tube was collected at the WPSC from a depth of 40.0–42.5 ft bls, and had an estimated vertical hydraulic conductivity of 2E-5 ft/day. These vertical hydraulic conductivity values are significantly less than the horizontal hydraulic conductivity values estimated for the fine sands of the surficial aquifer at the site (typically about 1 ft/day). Additional Shelby tubes were attempted in the surficial aquifer but the sands were not cohesive enough to remain in the tubes.

5.0 Plume Delineation Results

During the offsite plume delineation work that began in 2007, DOE installed 99 onsite and offsite monitoring wells that have been sampled semiannually. In addition, 126 temporary drive-point sampler locations were installed onsite and offsite from 2010 to 2012, from which 838 groundwater samples were collected from multiple depths in the surficial aquifer. This work defined the boundaries of two separate contaminant plumes that emerge from under Building 100 and extend offsite to the south (the south plume) and to the east (the east plume) (Plate 1). The individual delineation events are described in Section 3.0.

Table 1 lists the COPCS, their CTLs, and also the maximum concentrations measured within the plumes. Table 7 lists all the COPCs data collected from the south plume using the drive-point sampler, and Table 8 lists all the COPCs data collected from the east plume using the drive-point sampler. Table 9 lists the COPCs data from monitoring wells since 2007. Table 10 lists monitoring well completion information. Tables 11 and 12 list field data (such as pH, dissolved oxygen concentration, etc.) from monitoring well sampling in September 2011 and March 2012. Table 13 lists additional groundwater quality data for dissolved gasses and the microorganism *Dehalococcoides ethenogenes*.

Beneath Building 100, the contaminant plume is defined by the small number of existing monitoring wells (Plate 1). The highest contaminant concentrations at the Building 100 Area are measured under Building 100 (e.g., well 12-S35B), indicating that the source of contamination is under the building. The exact boundaries of the plumes under the building are unknown, and the possibility exists that multiple plumes from multiple source areas could be present under the building (Figure 2). Contaminant source areas appear to be limited to the area under the building.

Currently, two distinct plumes, the south plume and the east plume, are located hydraulically downgradient (southeast) from the building and extend offsite (Plate 1). Figures 11 through 19

are individual plume maps for TCE, cDCE, VC, and 1,4-dioxane. The Florida Department of Environmental Protection (FDEP) allows use of the poor groundwater quality CTLs on the STAR Center but requires use of the regular drinking water CTLs offsite (Table 1). The contaminant plumes are defined by the COPC concentrations in monitoring wells and temporary sampling points; if the concentration of any COPC exceeds its CTL, the well or sampling point is included within the plume.

In the south plume, elevated concentrations of TCE and cDCE extend to at least the south STAR Center property boundary, and VC is the main contaminant found south of Bryan Dairy Road. 1,4-dioxane is present in the offsite south plume, but at concentrations generally less than the CTL. In contrast, 1,4-dioxane and VC are measured at elevated concentrations in the offsite east plume, on the WPSC. TCE is not present in the east plume downgradient from Building 100, and cDCE is present at relatively low concentrations. The two plumes appear to have different source areas based on location and contaminant composition (Table 1).

For both the south and east plumes, the highest contaminant concentrations are found in the deep surficial aquifer, at 20 ft bls or deeper, and lower contaminant concentrations (but still in excess of CTLs) are found in the shallow surficial aquifer. Plume concentration cross sections are included as Appendix A. These vertical cross sections show the distribution of the two most extensive COPCs, VC and 1,4-dioxane, in the south and east plumes.

The temporary sampling point work was conducted with a direct-push (Geoprobe) drill rig using a drive-point sampling tip to collect groundwater samples. At each location, groundwater samples were collected from approximately every 4 ft depth interval starting at 8 ft bls and continuing to the bottom of the surficial aquifer at about 32–36 ft bls. At each sampling interval, groundwater was purged through the Waterloo-type sampling tip with a peristaltic pump. Standard field parameters (such as specific conductance) were measured, and purging continued until formation water was entering the pump, at which time a groundwater sample was collected. The process was then repeated at the next sampling interval.

All monitoring wells were micropurged using a dedicated bladder pump or a peristaltic pump, and sampling was performed when the field measurements stabilized, in accordance with FDEP procedures. All groundwater samples were analyzed for volatile organic compounds by TestAmerica-Denver using U.S. Environmental Protection Agency SW-846 Method 8260b. Samples for 1,4-dioxane were analyzed using Method 8260b in the Selected Ion Monitoring mode. Duplicate samples and equipment and trip blank samples were collected at a frequency of 5 percent. Laboratory analytical data reports from the drive-point sampling work are included in Appendix B. Laboratory analytical data reports for monitoring well sampling are included in the semiannual reports that are produced every 6 months and can be found on the LM website at http://www.lm.doe.gov/pinellas/sites.aspx.

6.0 Investigation-Derived Waste Disposal

Waste management was conducted in accordance with applicable regulations. During the drive-point sampler delineation work, approximately 1–2 liters of water were purged at each sampling point. This water was collected in a holding tank and then treated using the air stripper treatment system for recovery well RW03. At each drive-point sampler location, hand augering to about

4 ft bls was conducted to ensure utility clearance. The cuttings were collected in a drum or roll-off bin, sampled at the end of each event for waste characterization and then disposed of at a non-hazardous waste landfill using a contracted waste management company.

7.0 Description of Proposed Action

DOE proposes to conduct a rigorous monitoring program in both the onsite and offsite plumes to evaluate plume stability. A plume stability monitoring plan will be written and submitted to FDEP. This plan will describe decision points to determine whether or not the plumes are stable and if onsite control of the plumes is necessary.

8.0 References

DOE (U.S. Department of Energy), 1987. *Phase 1: Installation Assessment Pinellas Plant,* DRAFT, Comprehensive Environmental Assessment and Response Program, Albuquerque Field Office, Albuquerque, New Mexico, June.

DOE (U.S. Department of Energy), 1991. *RCRA Facility Investigation Report, Pinellas Plant, Environmental Restoration Program*, Albuquerque Operations Office, Albuquerque, New Mexico, September.

DOE (U.S. Department of Energy), 1994. *Corrective Measures Study Report, Industrial Drain Leaks—Building 100 Area and Old Drum Storage Site*, Draft, Revision 0, Pinellas Plant, Largo, Florida, Environmental Restoration Program, Albuquerque Field Office, Albuquerque, New Mexico.

DOE (U.S. Department of Energy), 1996a. *Building 100 Subsurface Investigation, Phases I, II, and III*, Volume I: Text, Tables, and Figures, Pinellas Plant, Largo, Florida, January.

DOE (U.S. Department of Energy), 1996b. *Building 100 Area Data Report, October 1993 to July 1996*, Pinellas Plant, Largo, Florida, November.

DOE (U.S. Department of Energy), 1998. *Building 100 Area Corrective Measures Implementation Plan Addendum*, Pinellas STAR Center, Largo, Florida, February.

DOE (U.S. Department of Energy), 2010. *Data Report for Rally Stores Property*, LMS/PIN/N01535, Office of Legacy Management, Grand Junction, Colorado, November.

DOE (U.S. Department of Energy), 2011a. *South Belcher Road Data Report*, letter report, Office of Legacy Management, Grand Junction, Colorado, May 13.

DOE (U.S. Department of Energy), 2011b. *Better Business Forms Data Report*, letter report, Office of Legacy Management, Grand Junction, Colorado, May.

DOE (U.S. Department of Energy), 2011c. *Data Report for Pinellas Board of Public Instruction Property*, LMS/PIN/N01669, Office of Legacy Management, Grand Junction, Colorado, November.

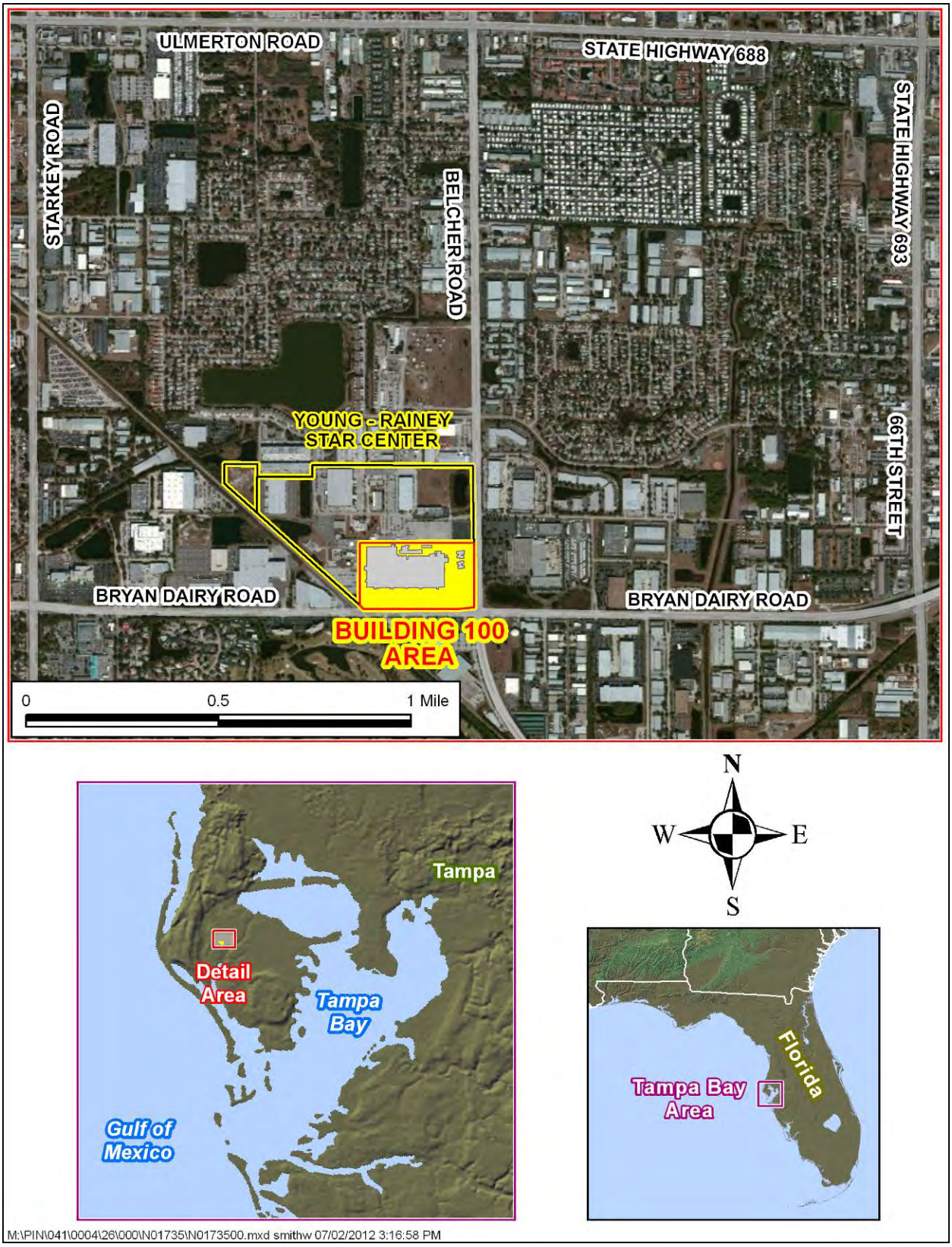


Figure 1. Site Location Map

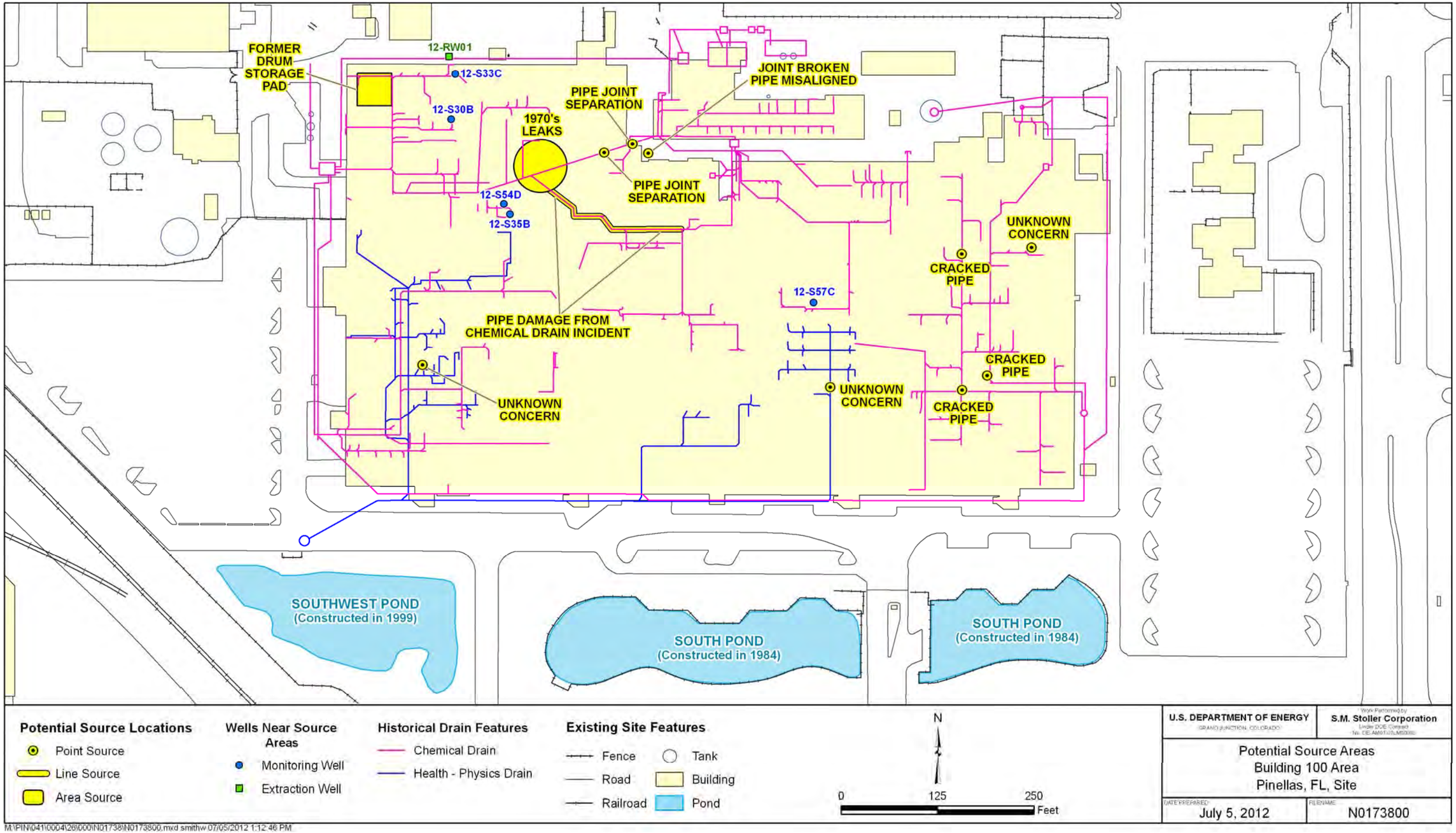


Figure 2. Potential Source Areas Under Building 100

This page intentionally left blank

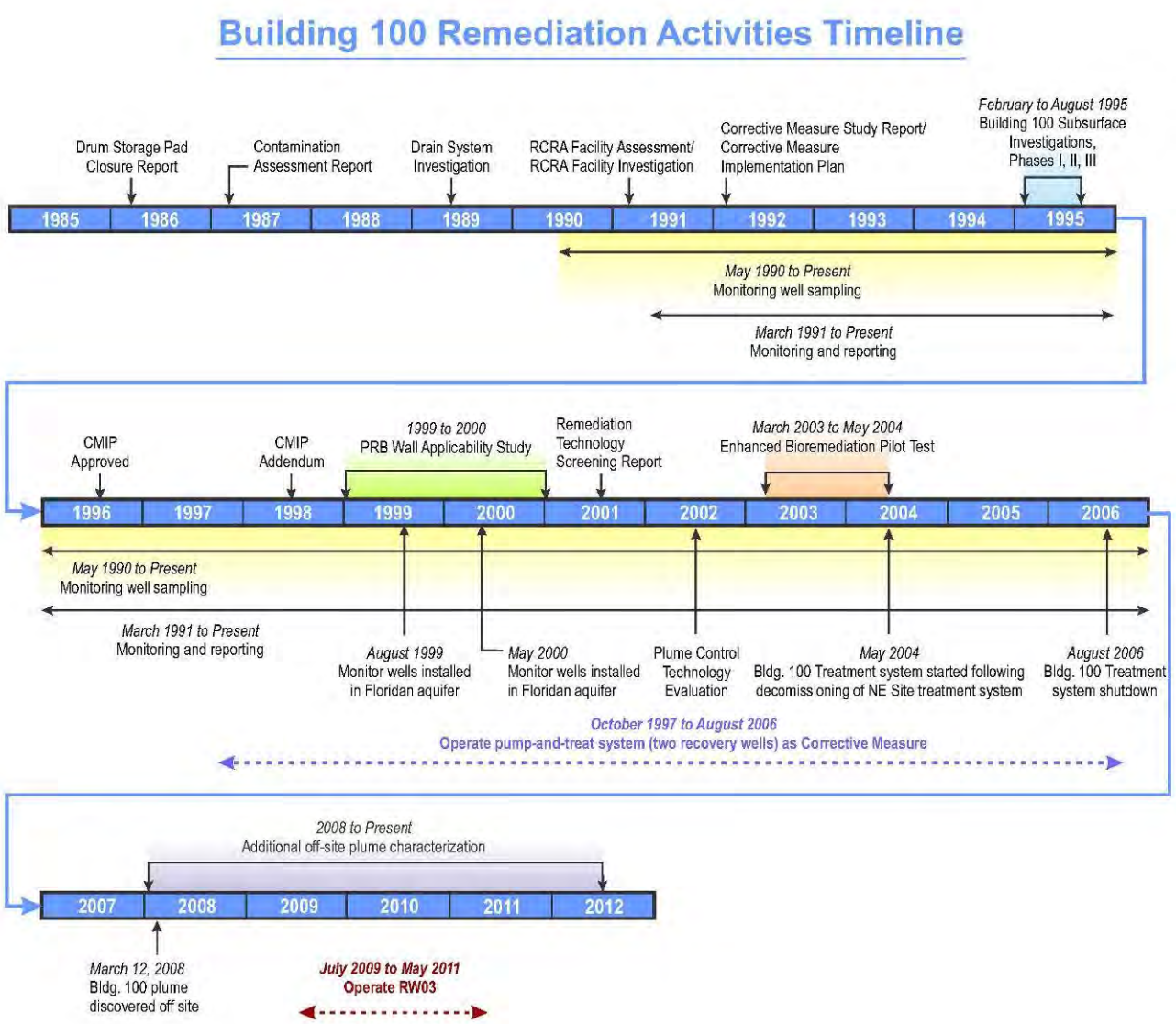


Figure 3. Building 100 Area Remediation Activities Timeline

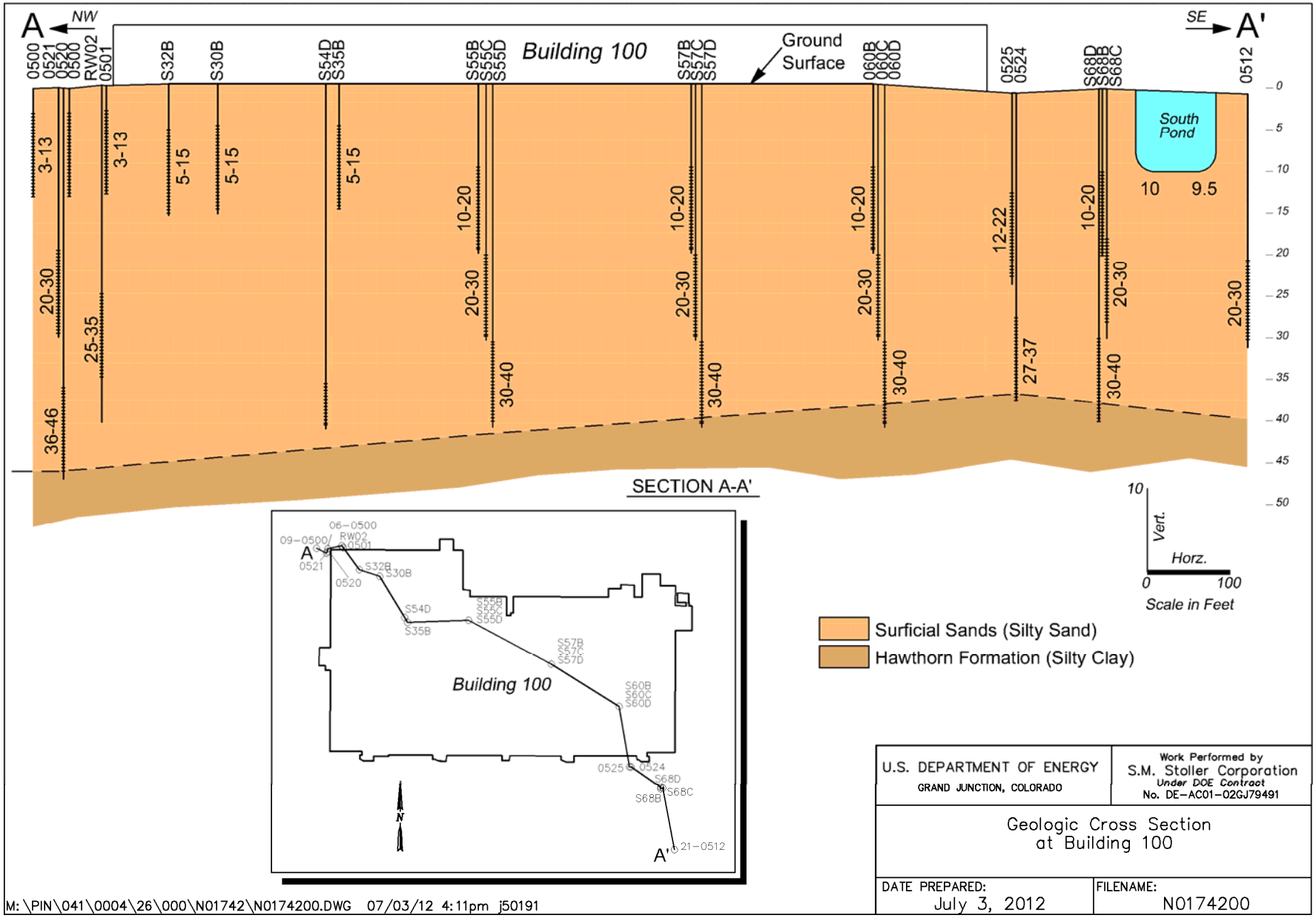


Figure 4. Building 100 Area Geologic Cross Section

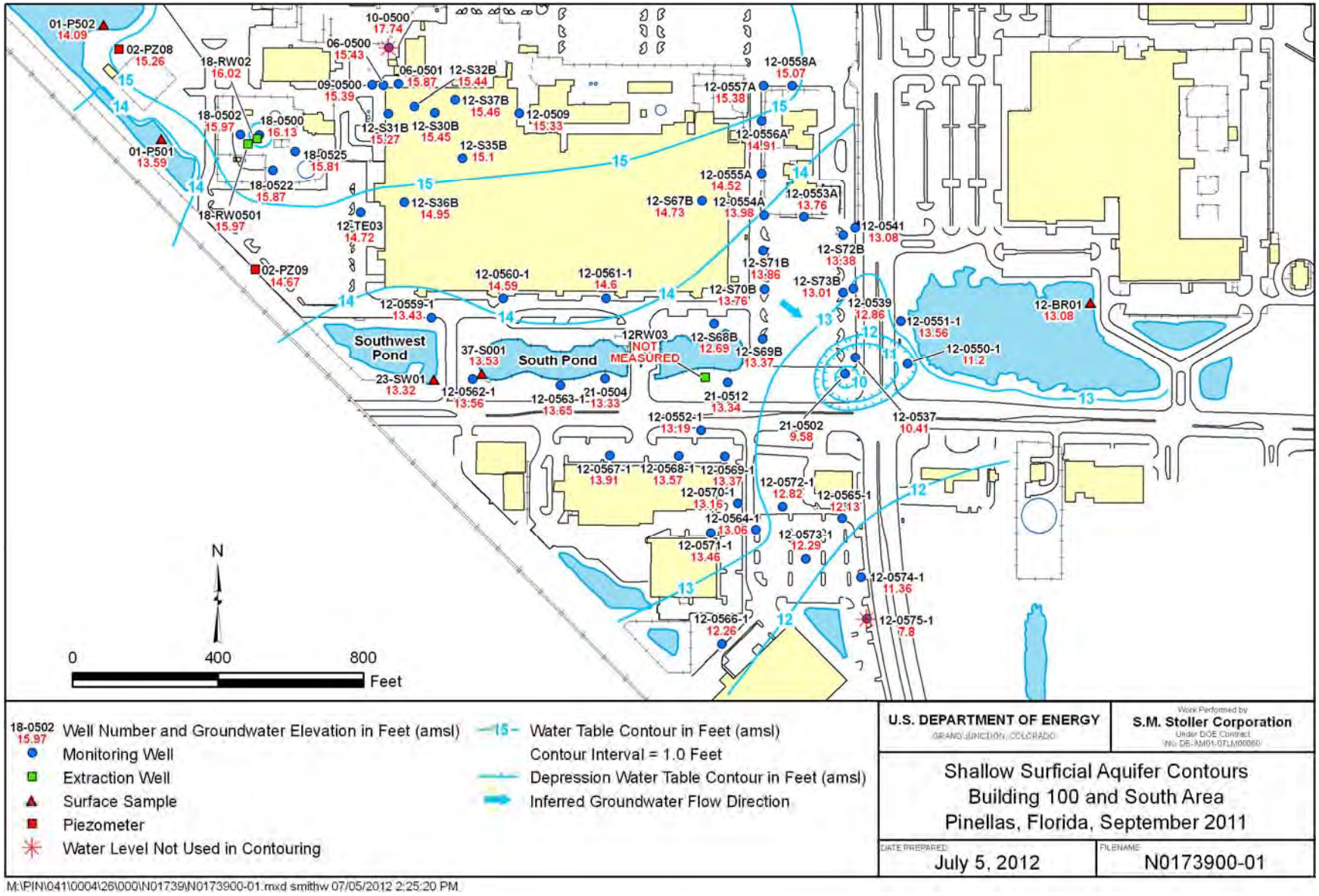


Figure 5. Building 100 Area Shallow Surficial Aquifer Flow, September 2011

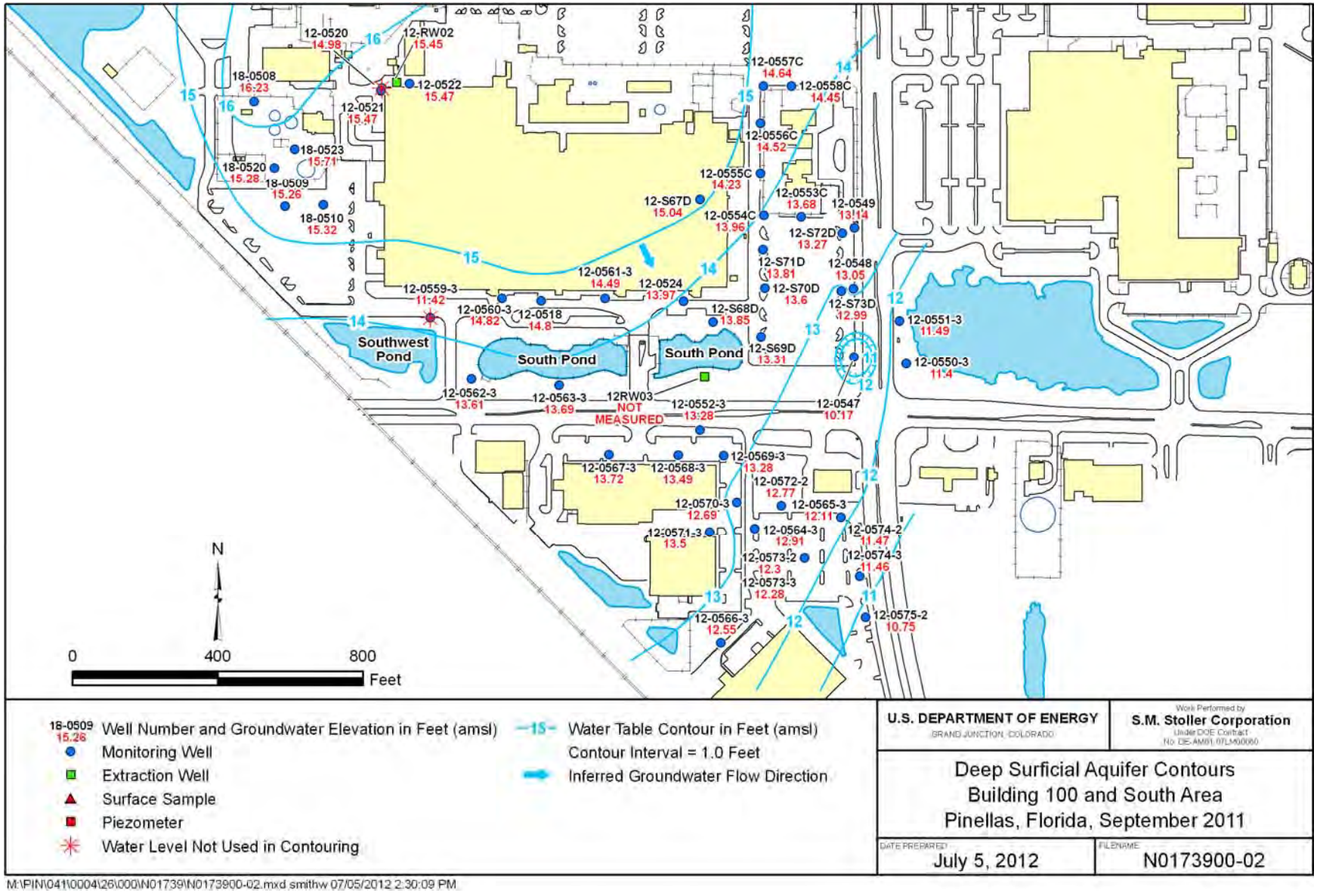


Figure 6. Building 100 Area Deep Surficial Aquifer Flow, September 2011

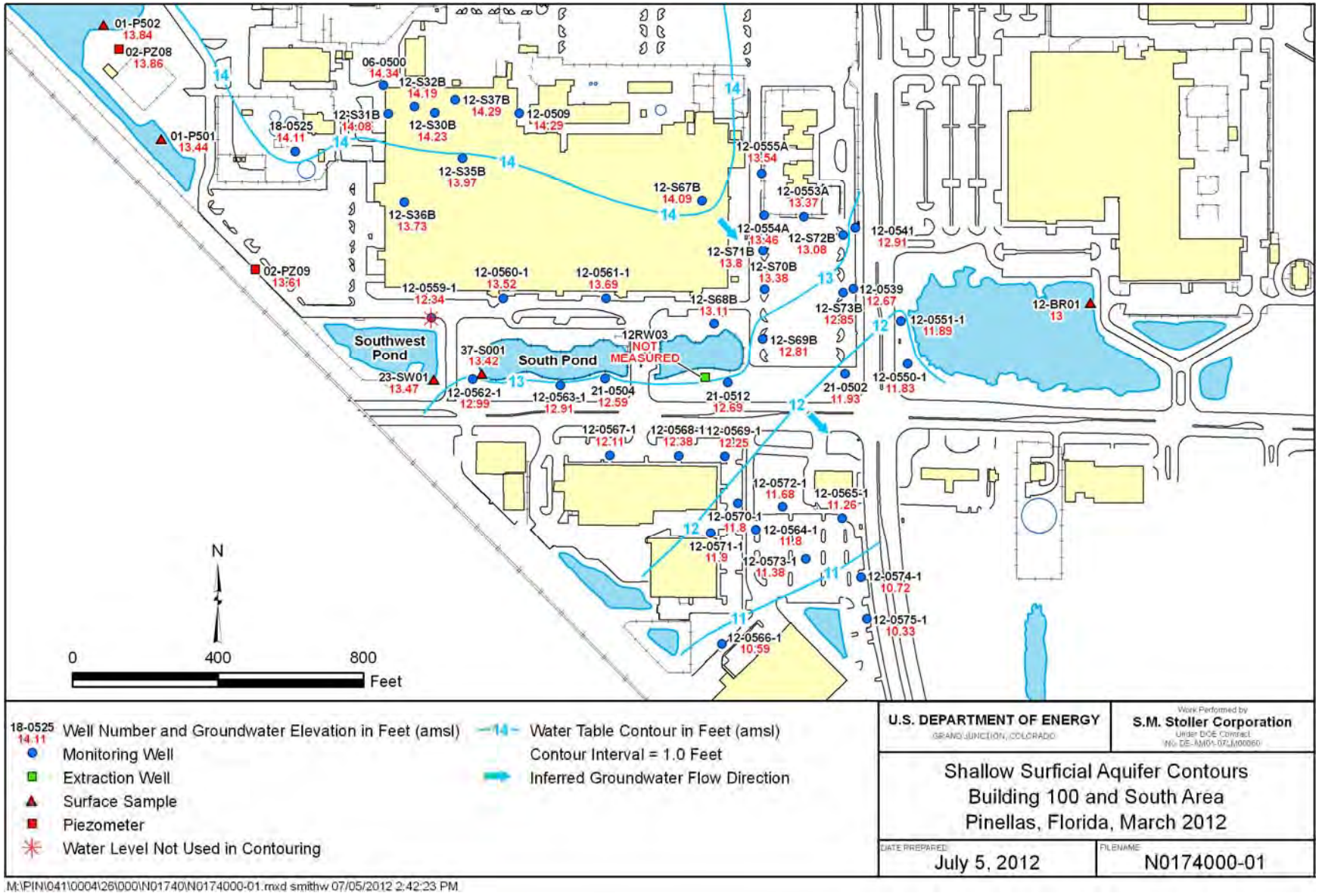


Figure 7. Building 100 Area Shallow Surficial Aquifer Flow, March 2012

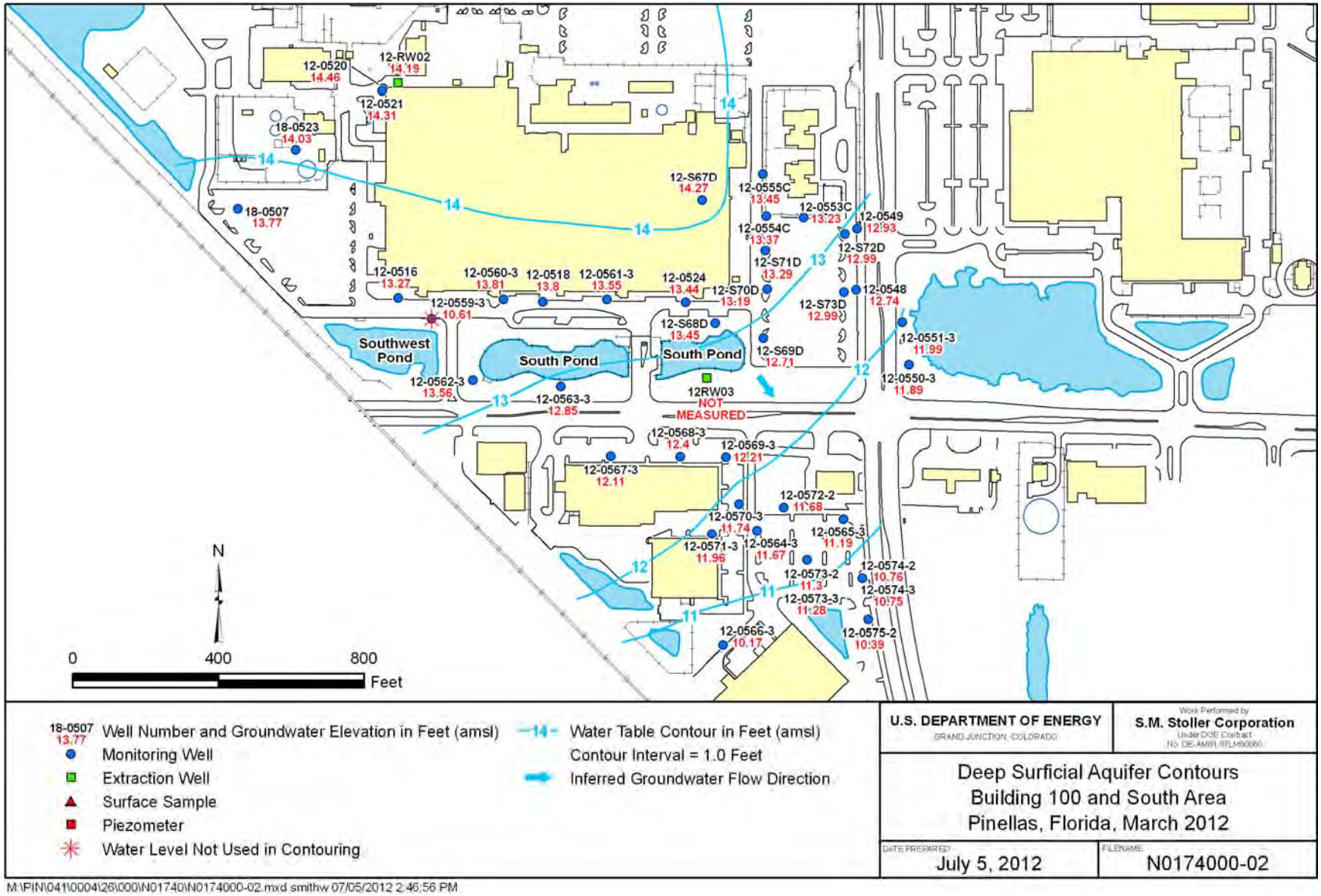


Figure 8. Building 100 Area Deep Surficial Aquifer Flow, March 2012

Figure 9. Vicinity Map of Property Boundaries and Drainage Features

This page intentionally left blank

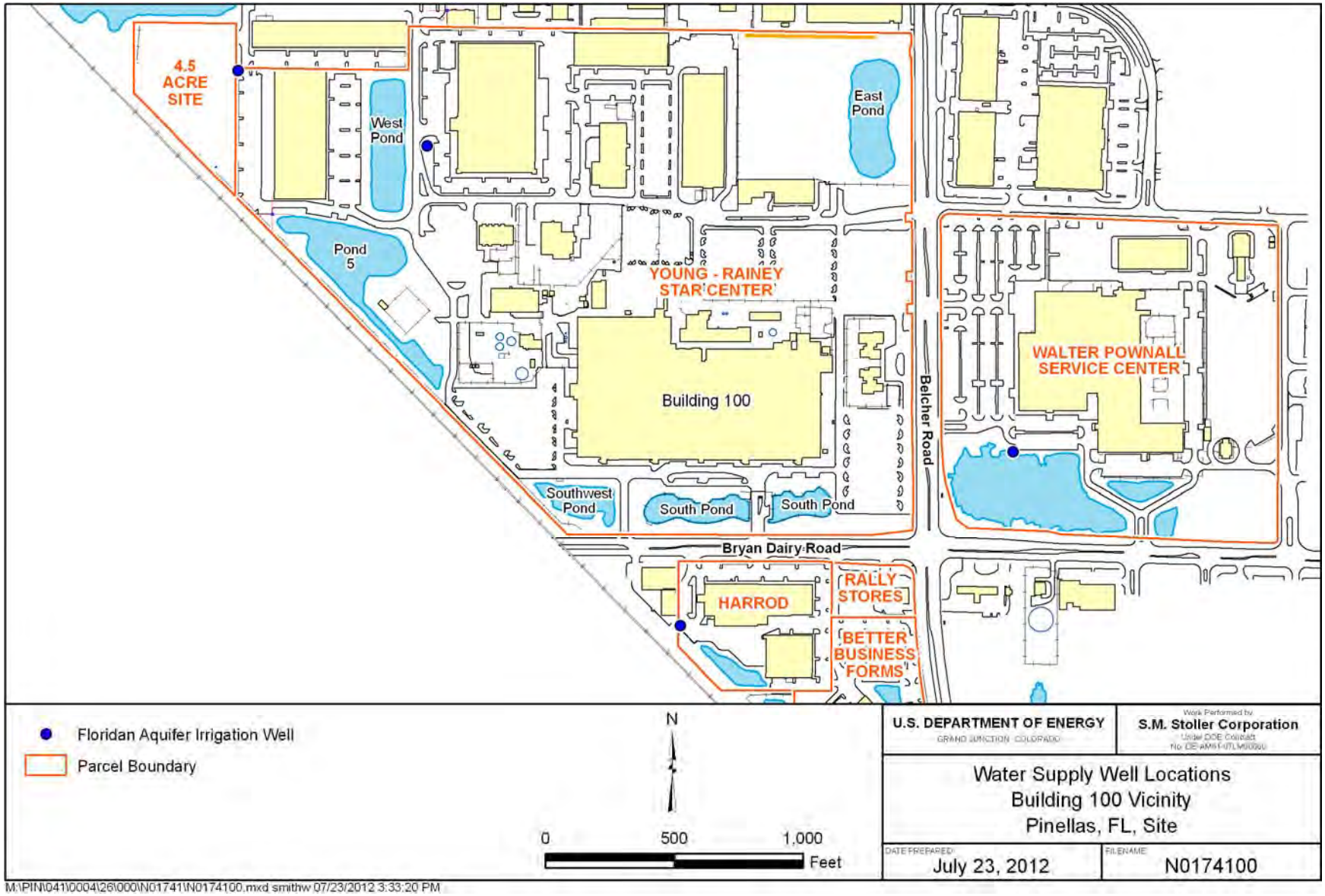


Figure 10. Vicinity Wells

This page intentionally left blank

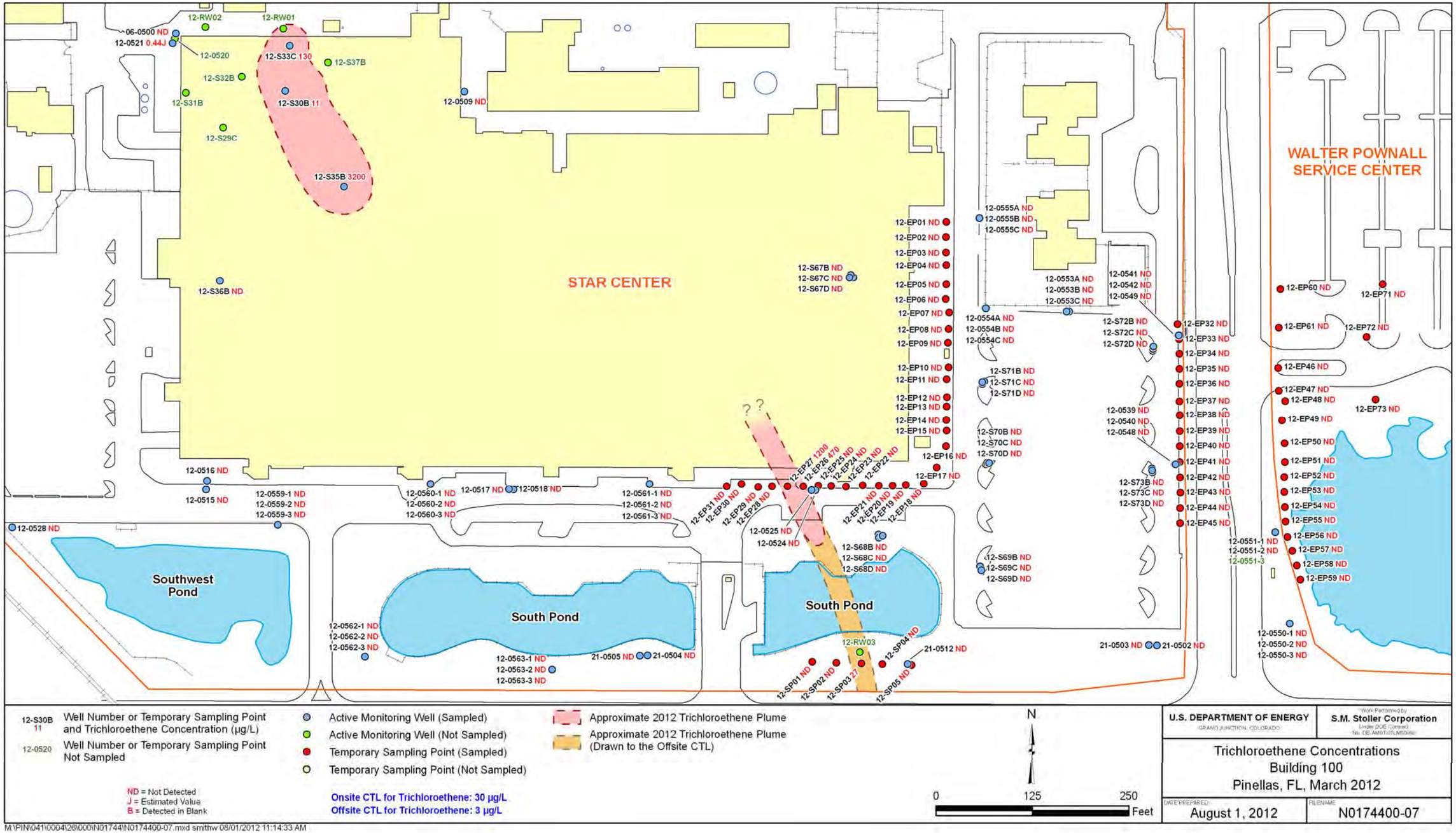


Figure 11. Building 100 Area TCE Plume Map

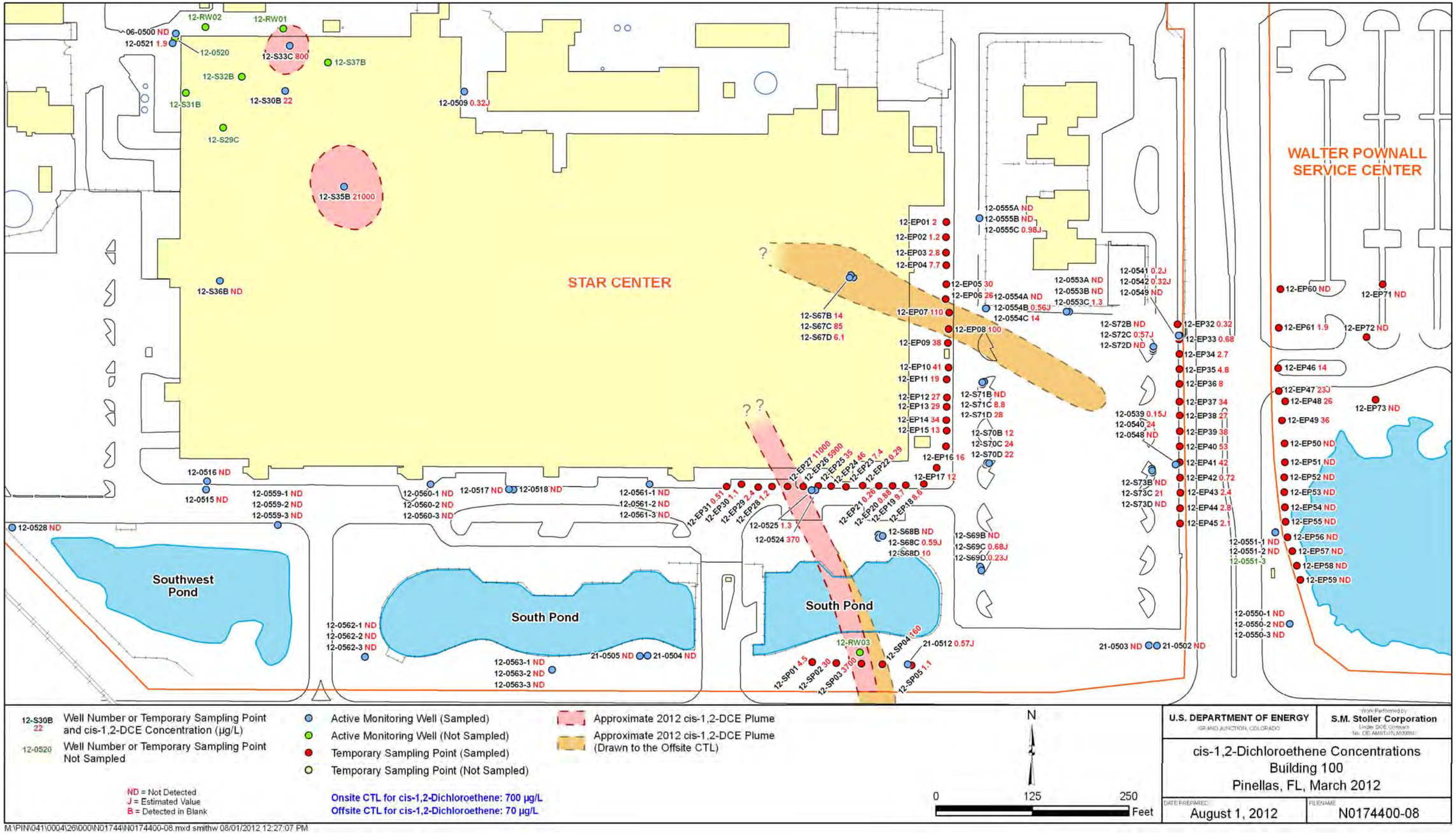


Figure 12. Building 100 Area cDCE Plume Map

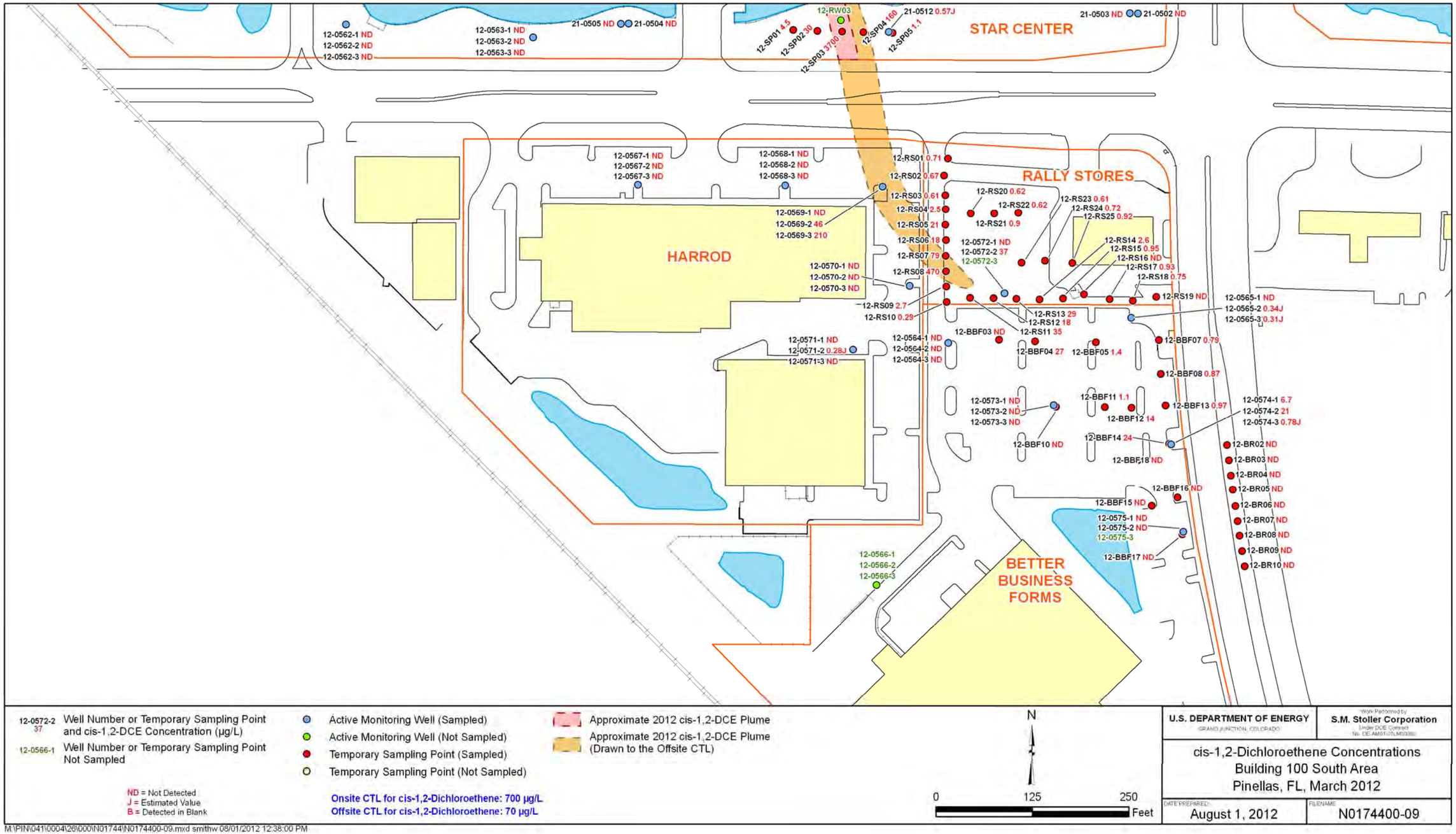


Figure 13. Building 100 Area South cDCE Plume Map

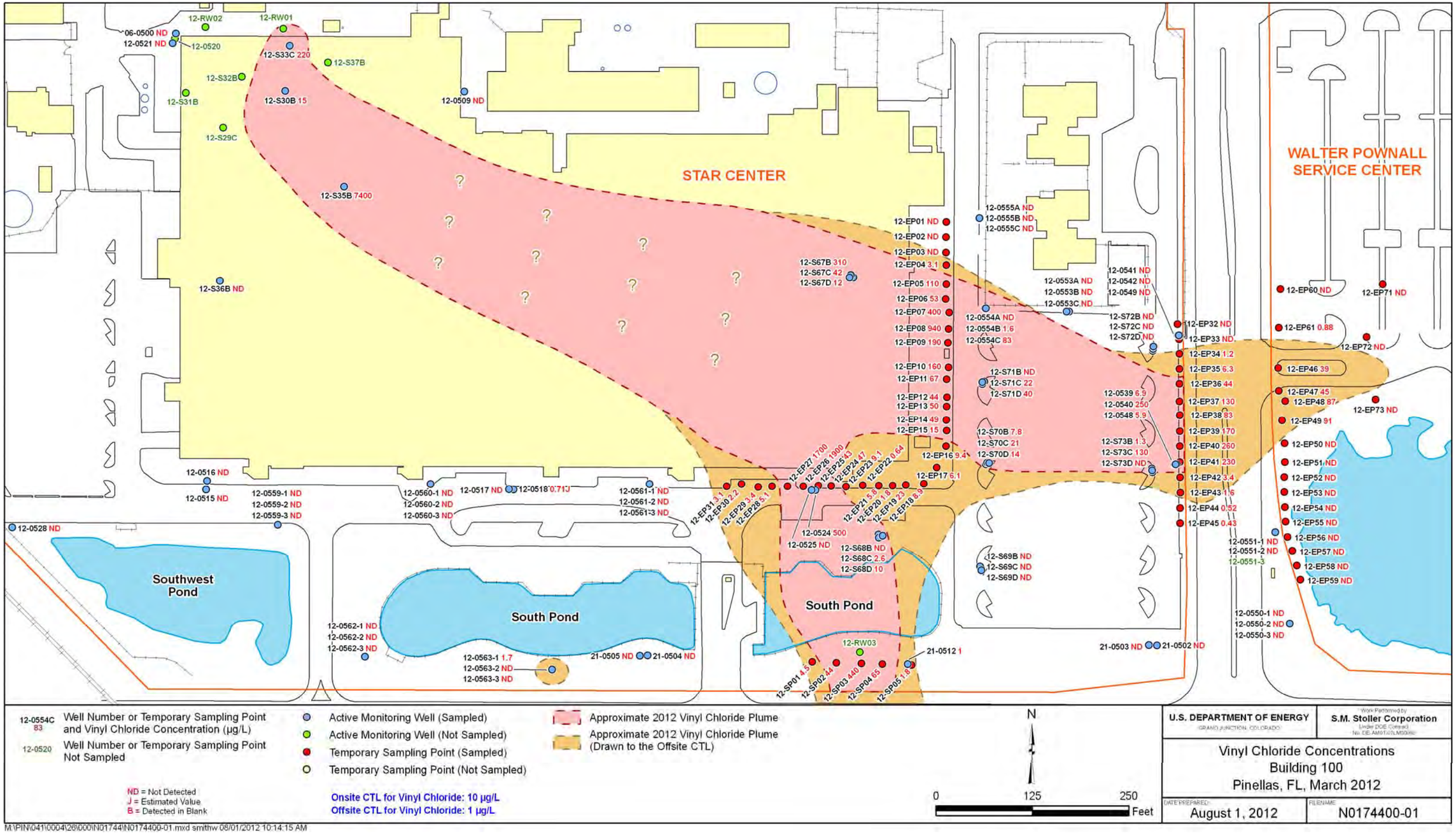


Figure 14. Building 100 Area VC Plume Map

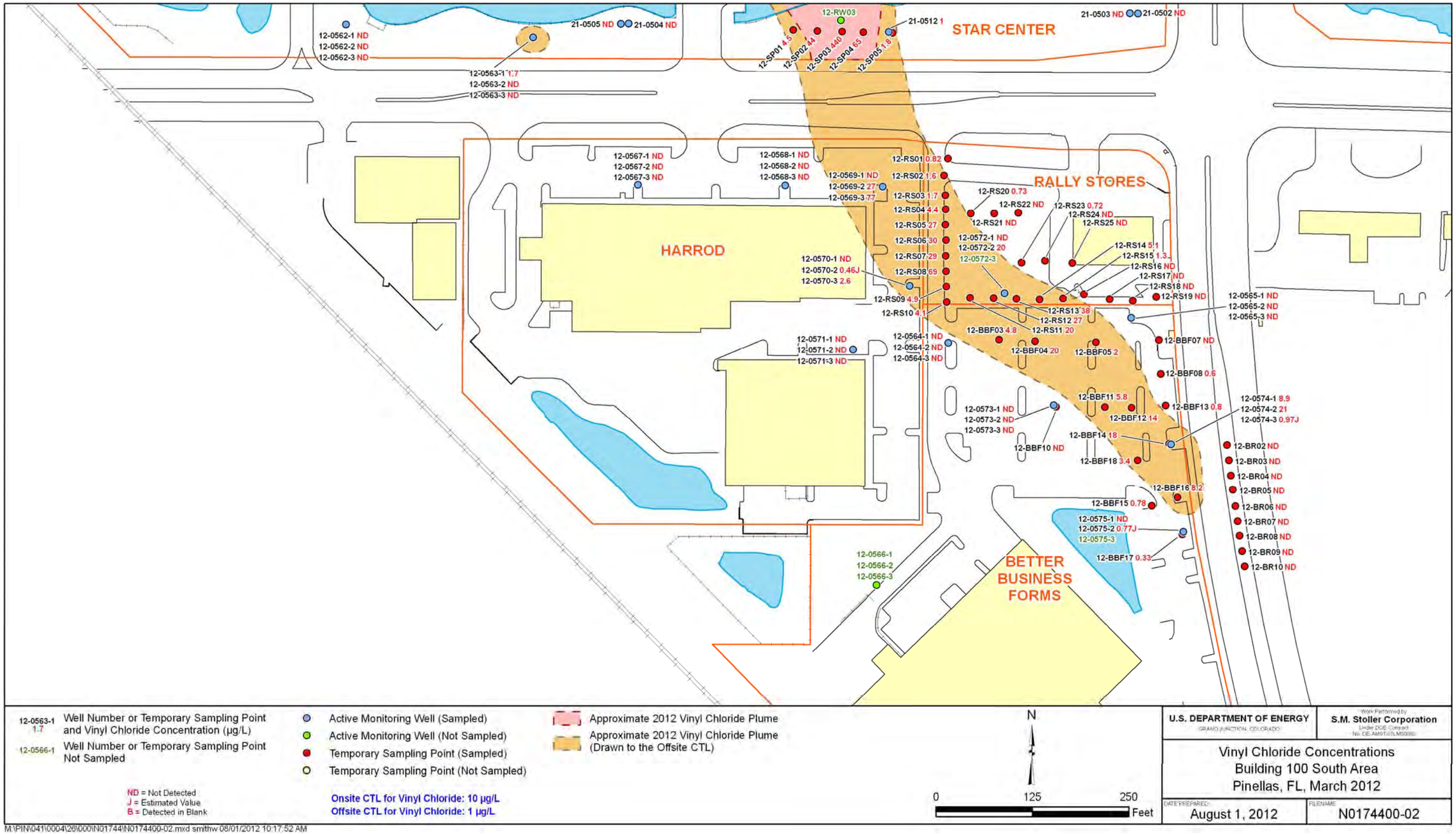


Figure 15. Building 100 Area South VC Plume Map

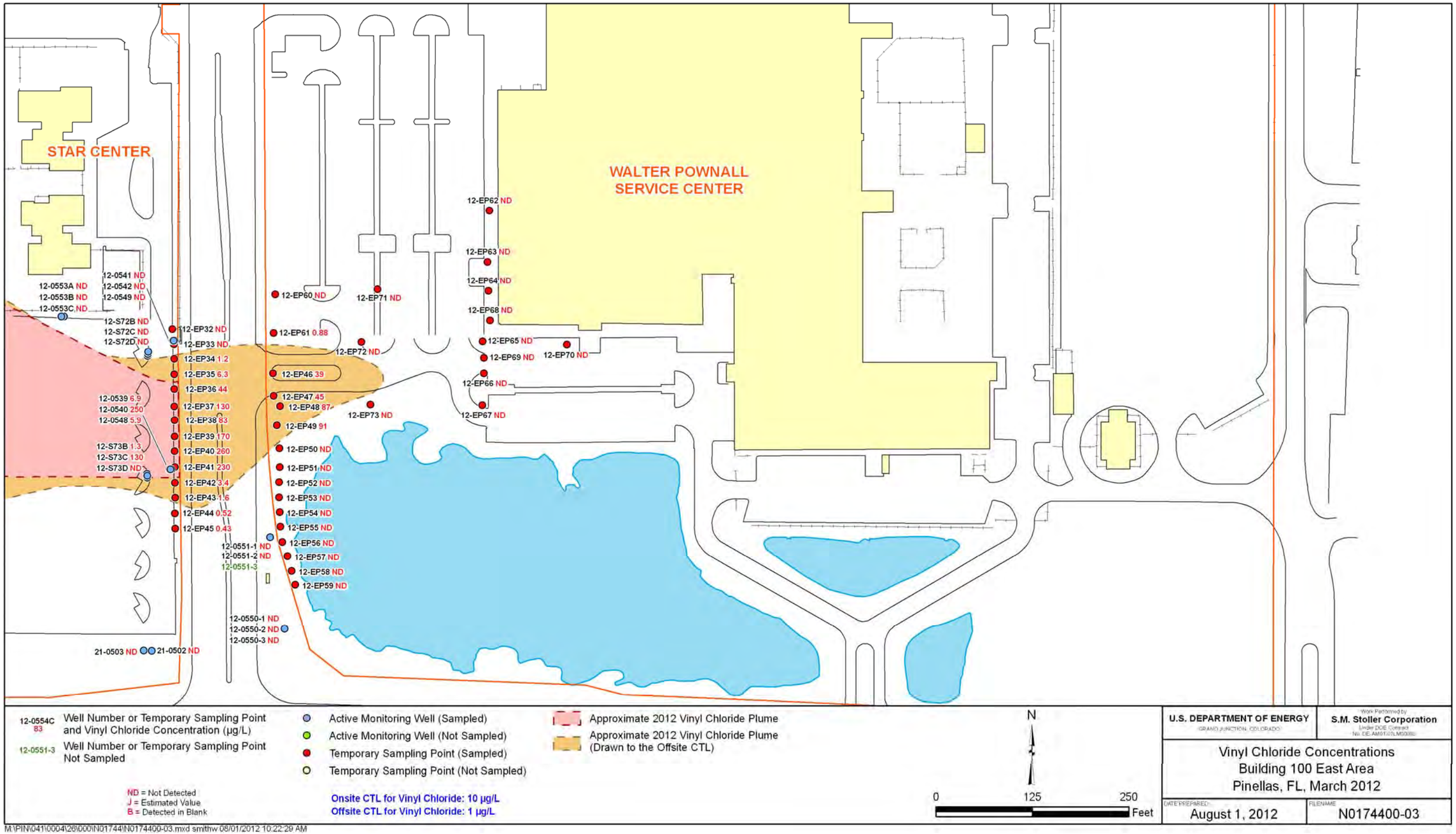


Figure 16. Building 100 Area East VC Plume Map

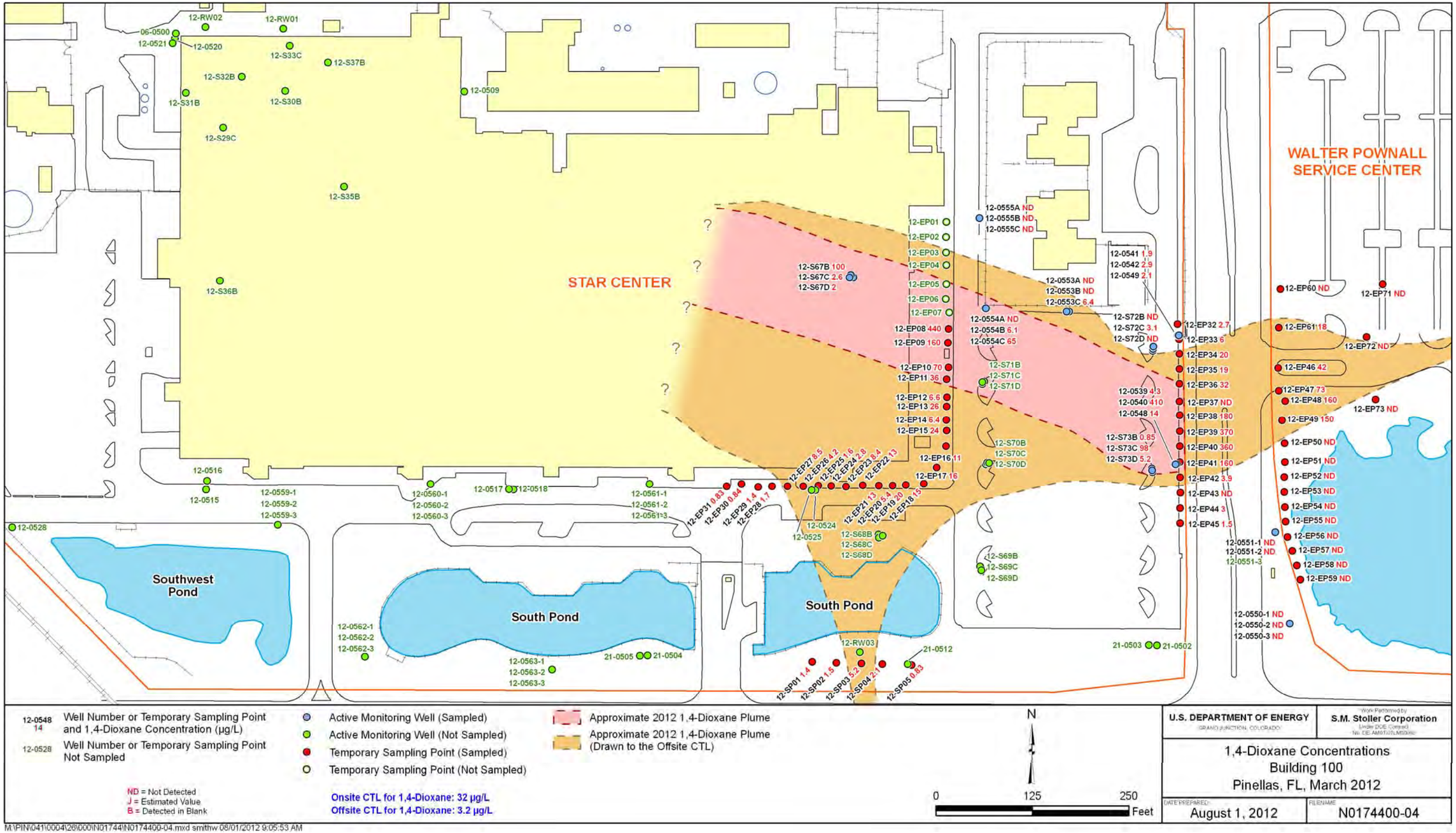


Figure 17. Building 100 Area 1,4-Dioxane Plume Map

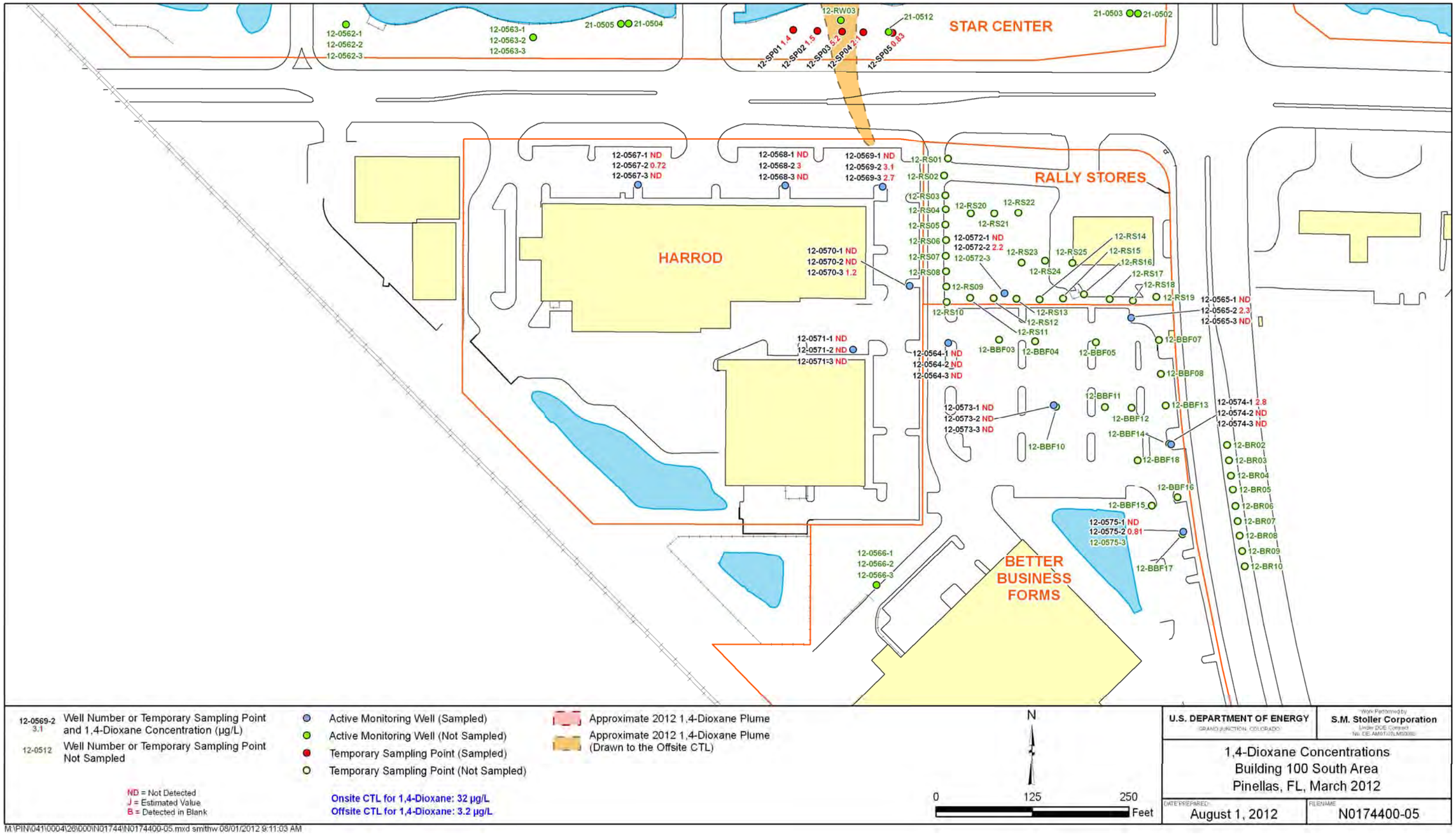


Figure 18. Building 100 Area South 1,4-Dioxane Plume Map

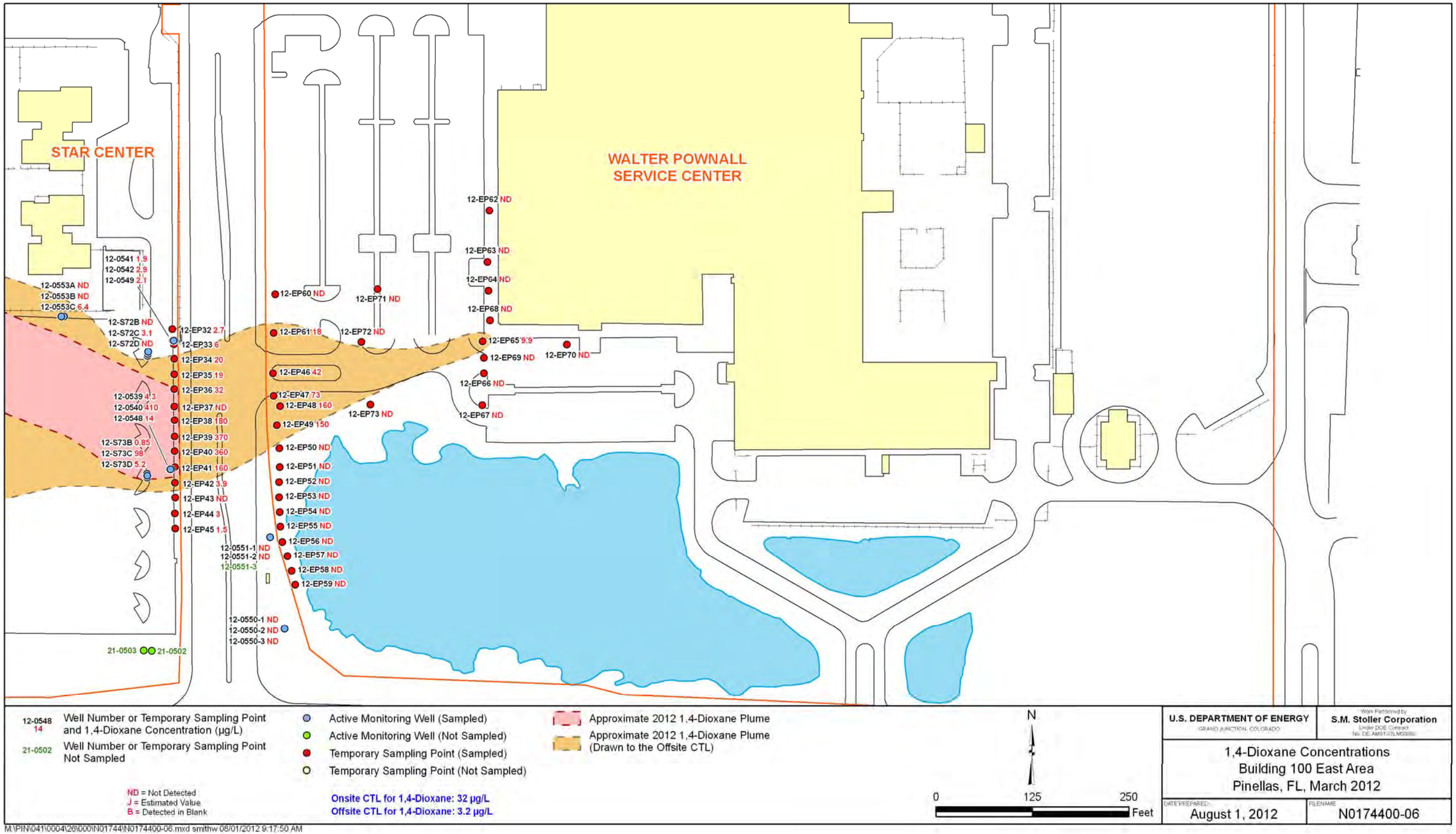


Figure 19. Building 100 Area East 1,4-Dioxane Plume Map

This page intentionally left blank

Table 1. COPCs, CTLs, and Maximum Concentrations Since 2007
Values in µg/L

	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-dioxane
Onsite CTL	30	700	1,000	70	10	32
Offsite CTL	3	70	100	7	1	3.2
South Plume Maximum Concentrations						
South Edge Building 100	1,200	11,000	69	520	1,900	13
Southern Property Boundary (RW03)[a]	410	1,800	18	120	290	2.6
Northern Part of Harrod Property	0.8	1,600	7	98	350	3.5
East Plume Maximum Concentrations						
East Edge of Building 100	ND	110	30	2	940	440
Eastern Property Boundary	ND	53	15	4	260	370
WPSC Property	ND	36	3	5	91	160

Notes:
[a] Concentrations measured in recovery well RW03 during initial operations in July 2009. There was some dilution caused by the recovery well, so actual concentrations likely are higher.

Abbreviations:
ND = not detected

Table 2. Building 100 Area Plume Delineation Events from 2007 Through July 2012

Date	Number of Wells or Temporary Sampling Points	Location
October 2007	14	South and east property boundaries
December 2007	7	South and east property boundaries
February 2008	9	Bryan Dairy Road and Belcher Road rights-of-way
May–June 2008	18	East plume onsite
November 2008	15	South plume onsite
May 2009	9	Better Business Forms
September 2009	9	Harrod
March 2010	6	Harrod
August 2010	19	Rally Stores
December 2010	17	Rally Stores and Better Business Forms
January 2011	9	Belcher Road median east of Better Business Forms
April 2011	3	Better Business Forms
May 2011	12	Rally Stores and Better Business Forms
May 2011	21	East plume onsite and Belcher Road right-of-way
June 2011	24	South and east plumes onsite
August–September 2011	14	WPSC
March 2012	13	South plume onsite and WPSC
April 2012	6	WPSC

Table 3. Building 100 Area Water Levels, September 2011

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
PIN06				
0500	9/20/2011	15:36	2.57	15.43
0501	9/20/2011	15:47	2.43	15.87
PIN09				
0500	9/20/2011	15:46	2.58	15.39
PIN10				
0500	9/20/2011	15:23	0.16	17.74
PIN12				
0509	9/20/2011	15:58	2.71	15.33
0515	9/20/2011	11:51	3.81	14.09
0517	9/20/2011	15:49	3.19	14.71
0518	9/20/2011	15:42	3.14	14.80
0520	9/20/2011	15:33	3.03	14.98
0521	9/20/2011	15:31	2.58	15.47
0522	9/20/2011	15:53	2.73	15.47
0523	9/20/2011	15:50	2.68	15.48
0524	9/20/2011	16:01	3.44	13.97
0525	9/20/2011	15:56	2.86	14.56
0526	9/20/2011	16:03	3.48	13.34
0527	9/20/2011	10:14	10.77	7.30
0528	9/20/2011	11:37	10.84	6.76
0537	9/20/2011	04:59	5.15	10.41
0538	9/20/2011	05:00	5.09	10.47
0539	9/20/2011	16:42	3.57	12.86
0540	9/20/2011	16:56	3.56	12.87
0541	9/20/2011	04:30	4.58	13.08
0542	9/20/2011	04:39	4.54	13.12
0547	9/20/2011	05:02	5.47	10.17
0548	9/20/2011	16:59	3.39	13.05
0549	9/20/2011	04:42	4.52	13.14
0550-1	9/20/2011	14:13	3.50	11.20
0550-2	9/20/2011	14:36	3.48	11.22
0550-3	9/20/2011	14:37	3.30	11.40
0551-1	9/20/2011	13:56	1.84	13.56
0551-2	9/20/2011	14:12	3.88	11.52
0551-3	9/20/2011	14:13	3.91	11.49
0552-1	9/20/2011	10:40	3.51	13.19
0552-2	9/20/2011	10:51	3.43	13.27
0552-3	9/20/2011	10:52	3.42	13.28
0553A	9/20/2011	02:38	4.35	13.76
0553B	9/20/2011	02:44	4.44	13.67
0553C	9/20/2011	02:45	4.43	13.68
0554A	9/20/2011	02:54	4.26	13.98
0554B	9/20/2011	03:08	4.29	13.95
0554C	9/20/2011	03:10	4.28	13.96
0555A	9/20/2011	03:12	3.37	14.52
0555B	9/20/2011	03:20	3.66	14.23
0555C	9/20/2011	03:23	3.66	14.23
0556A	9/20/2011	02:24	3.10	14.91
0556B	9/20/2011	02:35	3.45	14.56
0556C	9/20/2011	02:36	3.49	14.52

Table 3 (continued). Building 100 Area Water Levels, September 2011

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0557A	9/20/2011	02:04	2.74	15.38
0557B	9/20/2011	02:11	3.47	14.65
0557C	9/20/2011	02:12	3.48	14.64
0558A	9/20/2011	02:14	3.14	15.07
0558B	9/20/2011	02:22	3.76	14.45
0558C	9/20/2011	02:23	3.76	14.45
0559-1	9/20/2011	14:19	4.47	13.43
0559-2	9/20/2011	14:37	4.43	13.47
0559-3	9/20/2011	14:38	6.48	11.42
0560-1	9/20/2011	15:35	3.13	14.59
0560-2	9/20/2011	15:41	2.85	14.87
0560-3	9/20/2011	15:42	2.90	14.82
0561-1	9/20/2011	15:50	3.62	14.60
0561-2	9/20/2011	15:55	3.74	14.48
0561-3	9/20/2011	15:56	3.73	14.49
0562-1	9/20/2011	14:39	4.70	13.56
0562-2	9/20/2011	14:52	4.59	13.67
0562-3	9/20/2011	14:54	4.65	13.61
0563-1	9/20/2011	14:55	3.62	13.65
0563-2	9/20/2011	15:29	3.62	13.65
0563-3	9/20/2011	15:30	3.58	13.69
0564-1	9/20/2011	09:29	2.44	13.06
0564-2	9/20/2011	09:40	2.53	12.97
0564-3	9/20/2011	09:41	2.59	12.91
0565-1	9/20/2011	10:04	3.57	12.13
0565-2	9/20/2011	10:16	3.61	12.09
0565-3	9/20/2011	10:18	3.59	12.11
0566-1	9/20/2011	08:38	3.34	12.26
0566-2	9/20/2011	09:28	3.05	12.55
0566-3	9/20/2011	09:28	3.05	12.55
0567-1	9/20/2011	10:18	4.35	13.91
0567-2	9/20/2011	10:38	4.48	13.78
0567-3	9/20/2011	10:39	4.54	13.72
0568-1	9/20/2011	10:52	4.69	13.57
0568-2	9/20/2011	11:03	4.82	13.44
0568-3	9/20/2011	11:04	4.77	13.49
0569-1	9/20/2011	11:26	4.74	13.37
0569-2	9/20/2011	11:28	4.84	13.27
0569-3	9/20/2011	11:28	4.83	13.28
0570-1	9/20/2011	11:29	4.64	13.16
0570-2	9/20/2011	11:42	5.17	12.63
0570-3	9/20/2011	11:42	5.11	12.69
0571-1	9/20/2011	11:43	4.74	13.46
0571-2	9/20/2011	11:49	4.81	13.39
0571-3	9/20/2011	11:50	4.70	13.50
0572-1	9/20/2011	09:41	2.78	12.82
0572-2	9/20/2011	10:03	2.83	12.77
0572-3	Not measured			
0573-1	9/20/2011	08:33	2.71	12.29
0573-2	9/20/2011	08:37	2.70	12.30
0573-3	9/20/2011	08:38	2.72	12.28
0574-1	9/20/2011	08:28	4.94	11.36

Table 3 (continued). Building 100 Area Water Levels, September 2011

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0574-2	9/20/2011	08:32	4.83	11.47
0574-3	9/20/2011	08:32	4.84	11.46
0575-1	9/20/2011	08:17	7.50	7.80
0575-2	9/20/2011	08:26	4.55	10.75
0575-3	Not measured			
RW01	9/20/2011	15:53	2.79	15.46
RW02	9/20/2011	15:56	2.88	15.45
S29C	9/20/2011	09:52	3.57	14.94
S30B	9/20/2011	10:09	3.06	15.45
S31B	9/20/2011	09:42	3.24	15.27
S32B	9/20/2011	09:36	3.07	15.44
S33C	9/20/2011	10:19	3.00	15.51
S35B	9/20/2011	10:38	3.41	15.10
S36B	9/20/2011	11:09	3.56	14.95
S37B	9/20/2011	10:25	3.05	15.46
S67B	9/20/2011	11:40	3.74	14.73
S67C	9/20/2011	11:34	3.48	14.99
S67D	9/20/2011	11:37	3.44	15.04
S68B	9/20/2011	16:13	5.21	12.69
S68C	9/20/2011	16:15	4.07	13.83
S68D	9/20/2011	16:06	4.05	13.85
S69B	9/20/2011	03:25	2.63	13.37
S69C	9/20/2011	03:36	2.65	13.35
S69D	9/20/2011	03:39	2.69	13.31
S70B	9/20/2011	03:41	2.94	13.76
S70C	9/20/2011	03:50	2.90	13.80
S70D	9/20/2011	03:53	3.10	13.60
S71B	9/20/2011	03:55	4.54	13.86
S71C	9/20/2011	04:06	4.58	13.82
S71D	9/20/2011	04:10	4.59	13.81
S72B	9/20/2011	04:13	4.82	13.38
S72C	9/20/2011	04:25	4.89	13.31
S72D	9/20/2011	04:28	4.93	13.27
S73B	9/20/2011	16:32	3.99	13.01
S73C	9/20/2011	16:35	3.99	13.01
S73D	9/20/2011	16:38	4.01	12.99
TE03	9/20/2011	11:17	2.28	14.72
PIN21				
0502	9/20/2011	16:34	5.62	9.58
0503	9/20/2011	16:33	4.48	10.72
0504	9/20/2011	15:30	4.27	13.33
0505	9/20/2011	15:35	3.93	13.47
0512	9/20/2011	16:17	3.96	13.34

Abbreviations:
amsl = above mean sea level

Table 4. Building 100 Area Water Levels, March 2012

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
PIN06				
0500	3/6/2012	15:04	3.66	14.34
PIN12				
0509	3/6/2012	15:20	3.75	14.29
0515	3/6/2012	10:22	4.60	13.30
0516	3/6/2012	10:26	4.73	13.27
0517	3/6/2012	10:36	3.93	13.97
0518	3/6/2012	10:33	4.14	13.80
0520	3/6/2012	15:06	3.55	14.46
0521	3/6/2012	15:07	3.74	14.31
0524	3/6/2012	10:44	3.97	13.44
0525	3/6/2012	10:41	4.03	13.39
0527	3/6/2012	16:15	12.67	5.40
0528	3/6/2012	10:10	13.05	4.55
0539	3/6/2012	09:35	3.76	12.67
0540	3/6/2012	09:34	3.71	12.72
0541	3/6/2012	09:06	4.75	12.91
0542	3/6/2012	09:05	4.76	12.90
0548	3/6/2012	09:30	3.70	12.74
0549	3/6/2012	08:57	4.73	12.93
0550-1	3/6/2012	13:41	2.87	11.83
0550-2	3/6/2012	13:58	2.87	11.83
0550-3	3/6/2012	14:00	2.81	11.89
0551-1	3/6/2012	14:31	3.51	11.89
0551-2	3/6/2012	14:32	3.25	12.15
0551-3	3/6/2012	14:00	3.41	11.99
0553A	3/6/2012	11:45	4.74	13.37
0553B	3/6/2012	11:43	4.88	13.23
0553C	3/6/2012	11:30	4.88	13.23
0554A	3/6/2012	11:49	4.78	13.46
0554B	3/6/2012	11:50	4.88	13.36
0554C	3/6/2012	11:50	4.87	13.37
0555A	3/6/2012	10:54	4.35	13.54
0555B	3/6/2012	10:51	4.41	13.48
0555C	3/6/2012	10:37	4.44	13.45
0559-1	3/6/2012	10:14	5.56	12.34
0559-2	3/6/2012	10:20	5.56	12.34
0559-3	3/6/2012	10:21	7.29	10.61
0560-1	3/6/2012	10:27	4.20	13.52
0560-2	3/6/2012	10:32	4.03	13.69
0560-3	3/6/2012	10:32	3.91	13.81
0561-1	3/6/2012	10:36	4.53	13.69
0561-2	3/6/2012	10:40	4.72	13.50
0561-3	3/6/2012	10:41	4.67	13.55
0562-1	3/6/2012	10:52	5.27	12.99
0562-2	3/6/2012	11:08	5.21	13.05
0562-3	3/6/2012	10:41	4.70	13.56
0562-3	3/6/2012	11:13	5.16	13.10
0563-1	3/6/2012	11:16	4.36	12.91
0563-2	3/6/2012	11:22	4.38	12.89
0563-3	3/6/2012	11:22	4.42	12.85

Table 4 (continued). Building 100 Area Water Levels, March 2012

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0564-1	3/6/2012	14:06	3.70	11.80
0564-2	3/6/2012	14:12	3.76	11.74
0564-3	3/6/2012	14:12	3.83	11.67
0565-1	3/6/2012	13:55	4.44	11.26
0565-2	3/6/2012	13:59	4.50	11.20
0565-3	3/6/2012	14:00	4.51	11.19
0566-1	3/6/2012	13:28	5.01	10.59
0566-2	3/6/2012	13:37	5.44	10.16
0566-3	3/6/2012	13:37	5.43	10.17
0567-1	3/6/2012	14:44	6.15	12.11
0567-2	3/6/2012	14:53	6.15	12.11
0567-3	3/6/2012	14:54	6.15	12.11
0568-1	3/6/2012	14:30	5.88	12.38
0568-2	3/6/2012	14:43	5.85	12.41
0568-3	3/6/2012	14:44	5.86	12.40
0569-1	3/6/2012	14:22	5.86	12.25
0569-2	3/6/2012	14:29	5.88	12.23
0569-3	3/6/2012	14:29	5.90	12.21
0570-1	3/6/2012	14:17	6.00	11.80
0570-2	3/6/2012	14:21	6.08	11.72
0570-3	3/6/2012	14:22	6.06	11.74
0571-1	3/6/2012	13:25	6.30	11.90
0571-2	3/6/2012	13:27	6.33	11.87
0571-3	3/6/2012	13:27	6.24	11.96
0572-1	3/6/2012	14:13	3.92	11.68
0572-2	3/6/2012	14:16	3.92	11.68
0572-3	Not measured			
0573-1	3/6/2012	14:00	3.62	11.38
0573-2	3/6/2012	14:05	3.70	11.30
0573-3	3/6/2012	14:05	3.72	11.28
0574-1	3/6/2012	13:51	5.58	10.72
0574-2	3/6/2012	13:54	5.54	10.76
0574-3	3/6/2012	13:55	5.55	10.75
0575-1	3/6/2012	13:38	4.97	10.33
0575-2	3/6/2012	13:44	4.91	10.39
0575-3	Not measured			
RW01	3/6/2012	15:29	3.92	14.33
RW02	3/6/2012	15:31	4.14	14.19
S29C	3/6/2012	10:32	4.09	14.42
S30B	3/6/2012	10:25	4.28	14.23
S31B	3/6/2012	09:09	4.43	14.08
S32B	3/6/2012	09:17	4.32	14.19
S33C	3/6/2012	09:23	4.25	14.26
S35B	3/6/2012	09:39	4.54	13.97
S36B	3/6/2012	10:40	4.78	13.73
S37B	3/6/2012	10:18	4.22	14.29
S67B	3/6/2012	14:38	4.38	14.09
S67C	3/6/2012	14:45	4.58	13.89
S67D	3/6/2012	14:35	4.21	14.27
S68B	3/6/2012	10:51	4.79	13.11
S68C	3/6/2012	10:45	4.58	13.32
S68D	3/6/2012	10:51	4.45	13.45

Table 4 (continued). Building 100 Area Water Levels, March 2012

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
S69B	3/6/2012	11:21	3.19	12.81
S69C	3/6/2012	11:26	3.21	12.79
S69D	3/6/2012	11:27	3.29	12.71
S70B	3/6/2012	11:11	3.32	13.38
S70C	3/6/2012	11:20	3.42	13.28
S70D	3/6/2012	11:21	3.51	13.19
S71B	3/6/2012	10:59	4.60	13.80
S71C	3/6/2012	11:07	5.06	13.34
S71D	3/6/2012	11:10	5.11	13.29
S72B	3/6/2012	10:08	5.12	13.08
S72C	3/6/2012	10:06	5.17	13.03
S72D	3/6/2012	10:01	5.21	12.99
S73B	3/6/2012	09:29	4.15	12.85
S73C	3/6/2012	09:25	4.22	12.78
S73D	3/6/2012	09:07	4.01	12.99
PIN21				
0502	3/6/2012	09:46	3.27	11.93
0503	3/6/2012	09:58	3.21	11.99
0504	3/6/2012	11:28	5.01	12.59
0505	3/6/2012	11:23	4.58	12.82
0512	3/6/2012	11:37	4.61	12.69

Abbreviations:
amsl = above mean sea level

Table 5. Vicinity Wells

Well Type	S13, T30S, R15E	S12, T30S, R15E	S7, T30S, R16E	S18, T30S, R16E
Domestic	3	0	1	2
Irrigation	123	86	76	92
Public supply	1	0	0	2
Remediation - Recovery	0	2	7	0

Table 6. Grain Size Analysis

Borehole EP74 (North)[a]						Borehole EP75						Borehole EP76 (South)					
Depth (ft bls)	USCS	% Fines	D60	D10	Cu[b]	Depth (ft bls)	USCS	% Fines	D60	D10	Cu	Depth (ft bls)	USCS	% Fines	D60	D10	Cu
9.0	SP	4	0.17	0.10	1.70	7.5	SP-SM	6	0.19	0.12	1.58	6.0	SP-SM	7	0.18	0.10	1.80
11.0	SP	2	0.2	0.12	1.67	9.5	SP	4	0.16	0.098	1.63	10.0	SP	4	0.17	0.098	1.73
14.0	SP-SM	6	0.17	0.09	1.89	13.0	SP	4	0.18	0.098	1.84	14.0	SP-SM	6	0.18	0.09	2.00
17.0	SP	4	0.21	0.120	1.75	19.5	SM	16	--	--	--	18.0	SP	3	0.48	0.14	3.43
19.5	SM	16	--	--	--	24.0	SP-SM	6	0.15	0.088	1.70	22.0	SM/Pt	12	--	--	--
23.0	SP-SM	7	0.18	0.097	1.86	29.0	SP	4	0.20	0.099	2.02	30.0	SP-SM	8	0.16	0.081	1.98
24.5	SP-SM	7	0.16	0.089	1.80	33.5	SM-SC	33	--	--	--	35.0	SM-SC	39	--	--	--
27.0	SP-SM	8	0.16	0.081	1.98	36.0	CH	87	--	--	--	36.0	CH	93	--	--	--
29.0	SP-SM	6	0.18	0.09	2.00	39.0	CH	78	--	--	--	40.0	CH	54	--	--	--
34.0	SM-SC	34	--	--	--												
36.0	SC	43	--	--	--												
39.0	SC	42	--	--	--												

Borehole EP60 (North)						Borehole EP48						Borehole EP51 (South)					
Depth (ft bls)	USCS	% Fines	D60	D10	Cu[b]	Depth (ft bls)	USCS	% Fines	D60	D10	Cu	Depth (ft bls)	USCS	% Fines	D60	D10	Cu
7.0	SP	3	0.19	0.12	1.58	8.0	SP	3	0.17	0.11	1.55	10.0	SP-SM	6	0.17	0.09	1.89
9.5	SP	3	0.17	0.099	1.72	13.5	SP	4	0.17	0.092	1.85	14.0	SP	5	0.17	0.091	1.87
12.0	SP	2	0.18	0.11	1.64	18.0	SP-SM	6	0.21	0.12	1.75	18.0	SP-SM	7	0.19	0.10	1.90
14.0	SP-SM	6	0.18	0.091	1.98	19.5	SM/Pt	16	--	--	--	19.5	SP	3	0.20	0.12	1.67
18.0	SM/Pt	13	--	--	--	22.0	SP-SM	7	0.18	0.11	1.64	24.5	SM	17	--	--	--
19.5	SP-SM	9	0.19	0.084	2.26	25.0	SP-SM	11	--	--	--	35.0	SP-SM	8	0.18	0.079	2.28
22.5	SP	3	0.17	0.11	1.55	29.0	SP-SM	7	0.17	0.087	1.95	36.0	SC	37	--	--	--
27.0	SP-SM	8	0.16	0.081	1.98	35.0	SM	17	--	--	--	38.0	SP-SM	7	0.16	0.10	1.60
29.5	SP-SM	6	0.18	0.089	2.02	38.0	CH	63	--	--	--	39.5	CH	56	--	--	--
32.0	SC-CH	47	--	--	--												
34.5	SM-SC	41	--	--	--												
38.0	CH	93	--	--	--												

Table 6 (continued). Grain Size Analysis

Borehole SP01 (West)						Borehole SP03						Borehole SP05 (East)					
Depth (ft bls)	**USCS**	**% Fines**	**D60**	**D10**	**Cu[b]**	**Depth (ft bls)**	**USCS**	**% Fines**	**D60**	**D10**	**Cu**	**Depth (ft bls)**	**USCS**	**% Fines**	**D60**	**D10**	**Cu**
6.0	SC	16	--	--	--	8.5	SP-SM	6	0.47	0.098	4.80	9.0	SP	3	0.28	0.17	1.65
8.0	SP	4	0.57	0.12	4.75	9.5	SP-SM	6	0.17	0.09	1.89	14.5	SP-SM	6	0.16	0.086	1.86
9.5	SP	3	0.17	0.10	1.70	17.5	SP-SM	8	0.18	0.087	2.07	19.0	SP-SM	12	--	--	--
13.0	SP-SM	6	0.17	0.086	1.98	19.5	SP-SM	12	--	--	--	23.0	SP-SM	7	0.18	0.097	1.86
19.0	SP-SM	12	--	--	--	23.0	SP-SM	7	0.17	0.087	1.95	27.0	SP	2	0.23	0.13	1.77
22.5	SP-SM	6	0.16	0.09	1.78	27.0	SP	2	0.21	0.13	1.62	29.5	SP	4	0.16	0.092	1.74
24.5	SP	2	0.17	0.11	1.55	29.5	SP-SM	11	--	--	--	32.0	SP-SM	9	0.17	0.08	2.13
27.0	SP	2	0.21	0.13	1.62	32.0	SP-SM	10	0.18	0.075	2.40	33.5	SM-SC	37	--	--	--
29.0	SP-SM	12	--	--	--	34.0	SM-SC	44	--	--	--	36.5	CH	87	--	--	--
32.8	SP-SM	8	0.93	0.081	11.48	38.0	CH	74	--	--	--						
34.0	SM-SC	39	--	--	--												
37.0	CH	77	--	--	--												
39.0	CH	77	--	--	--												

Notes:
[a] The borehole locations are shown on Plate 1.
[b] Cu, the uniformity coefficient, is a measure of how well or poorly sorted a soil is, and is calculated by D60/D10.
If a sample contained more than 10 percent fines, then a D10 value was not estimated, and a Cu value was not calculated.
USCS = Unified Soil Classification System
SP = well-sorted sand
SM = silty sand
SC = clayey sand
Pt = peat
CH = inorganic clay
D60 = 60 percent finer by weight
D10 = 10 percent finer by weight

Table 7. South Plume Drive-Point Sampler Results

Location Code	Sample Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
PIN12								
EP18	8	6/22/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	6/22/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	6/22/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	6/22/2011	0.96J	1.7	<0.15	<0.23	<0.16	2
	28	6/22/2011	8.9	8.6	3.3	<0.23	<0.16	15
	32	6/22/2011	1	5.6	2.4	<0.23	<0.16	-
	36	6/22/2011	<0.1	1.9	0.34J	<0.23	<0.16	-
EP19	8	6/21/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	6/21/2011	<0.1	0.36J	<0.15	<0.23	<0.16	-
	16	6/21/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	6/21/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	24	6/21/2011	1.3J	0.74J	<0.15	<0.23	<0.16	20
	28	6/21/2011	23	9.7	4.1	<0.23	<0.16	7.1
	32	6/21/2011	1.5	0.69J	0.63J	<0.23	<0.16	-
	36	6/21/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP20	8	6/21/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	6/21/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	6/21/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	6/21/2011	<0.1	<0.15	<0.15	<0.23	<0.16	2.3
	24	6/21/2011	1.8	0.35J	<0.15	<0.23	<0.16	4.4
	28	6/21/2011	1.2	0.88J	<0.15	<0.23	<0.16	5.4
	32	6/21/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	36	6/21/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP21	8	6/20/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	6/20/2011	<0.1	0.26J	<0.15	<0.23	<0.16	-
	16	6/20/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	6/20/2011	3.9	<0.15	<0.15	<0.23	<0.16	13J
	28	6/20/2011	5.8	0.16J	<0.15	<0.23	<0.16	11
	32	6/20/2011	1.3	<0.15	<0.15	<0.23	<0.16	-
	36	6/20/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP22	8	6/20/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	6/20/2011	<0.1	0.29J	<0.15	<0.23	<0.16	-
	16	6/20/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	6/20/2011	<0.1	<0.15	<0.15	<0.23	<0.16	1.9J
	24	6/20/2011	<0.1	<0.15	<0.15	<0.23	<0.16	13
	28	6/20/2011	0.64J	<0.15	<0.15	<0.23	<0.16	9.4
	32	6/20/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	36	6/20/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP23	8	6/17/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	6/17/2011	<0.1	0.36J	<0.15	<0.23	<0.16	-
	16	6/17/2011	<0.1	0.19J	<0.15	<0.23	<0.16	-
	24	6/17/2011	3.2	<0.15	<0.15	<0.23	<0.16	3.1
	28	6/17/2011	2.4	2.2	<0.15	<0.23	<0.16	8.4
	32	6/17/2011	9.1	7.4	<0.15	<0.23	<0.16	-
	36	6/17/2011	1.7	0.97J	<0.15	<0.23	<0.16	-

Table 7 (continued). South Plume Drive-Point Sampler Results

Location Code	Sample Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
EP24	8	6/16/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	6/16/2011	<0.1	0.54J	<0.15	<0.23	<0.16	-
	16	6/16/2011	0.37J	1.3	<0.15	<0.23	<0.16	-
	20	6/16/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	24	6/16/2011	1.6	1.5	<0.15	<0.23	<0.16	<0.64
	28	6/16/2011	27	46	0.43J	<0.23	<0.16	2.8JH
	32	6/16/2011	47	39	0.33J	<0.23	<0.16	-
	36	6/16/2011	8.3	6.8	<0.15	<0.23	<0.16	-
EP25	8	6/16/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	6/16/2011	<0.1	0.34J	<0.15	<0.23	<0.16	-
	16	6/16/2011	0.5J	2	<0.15	<0.23	<0.16	-
	24	6/16/2011	15	13	<0.15	<0.23	<0.16	1.6J
	28	6/16/2011	43	35	<0.15	<0.23	<0.16	1.1J
	32	6/16/2011	39	25	<0.15	<0.23	<0.16	-
	36	6/16/2011	7.2	8.8	<0.15	<0.23	<0.16	-
EP26	8	6/15/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	6/15/2011	<0.1	0.74J	<0.15	<0.23	<0.16	-
	16	6/15/2011	0.94J	0.84J	<0.15	<0.23	<0.16	-
	24	6/15/2011	760	5,900	42	280	470	4.2
	28	6/15/2011	920	1,800	15	88	140	1.1J
	32	6/15/2011	1,900	2,000	16	91	63	-
	36	6/15/2011	170	350	4.5	23	34	-
EP27	8	6/15/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	6/15/2011	<0.1	1.1	<0.15	<0.23	<0.16	-
	16	6/15/2011	2.7	1.3	<0.15	<0.23	<0.16	-
	24	6/15/2011	130	680	4.3	22	21	1.3J
	28	6/15/2011	1,700	11,000	69	520	1,200	8.5
	32	6/15/2011	910	820	13	87	320	-
	36	6/15/2011	60	120	2.3	17	82	-
EP28	8	6/14/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	6/14/2011	<0.1	0.69J	<0.15	<0.23	<0.16	-
	16	6/14/2011	1.1	1.2	<0.15	<0.23	<0.16	-
	20	6/14/2011	3.3	<0.15	<0.15	<0.23	<0.16	0.68J
	24	6/14/2011	1.1	<0.15	<0.15	<0.23	<0.16	1.7J
	28	6/14/2011	1.7	0.38J	<0.15	<0.23	<0.16	1.6J
	32	6/14/2011	5.1	<0.15	<0.15	<0.23	<0.16	-
EP29	8	6/14/2011	0.6J	0.57J	<0.15	<0.23	<0.16	-
	12	6/14/2011	<0.1	1	<0.15	<0.23	<0.16	-
	16	6/14/2011	0.39J	2.4	<0.15	<0.23	<0.16	-
	20	6/14/2011	0.38J	2.1	<0.15	<0.23	<0.16	<0.64
	24	6/14/2011	<0.1	0.72J	<0.15	<0.23	<0.16	<0.64
	28	6/14/2011	3.4	<0.15	<0.15	<0.23	<0.16	1.4J
	32	6/14/2011	0.34J	<0.15	<0.15	<0.23	<0.16	-
EP30	8	6/13/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	6/13/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	6/13/2011	<0.1	0.9J	<0.15	<0.23	<0.16	-
	20	6/13/2011	<0.1	1.1	<0.15	<0.23	<0.16	0.84J
	24	6/13/2011	<0.1	0.6J	<0.15	<0.23	<0.16	<0.64
	28	6/13/2011	0.79J	0.41J	<0.15	<0.23	<0.16	<0.64
	32	6/13/2011	2.2	<0.15	<0.15	<0.23	<0.16	-

Table 7 (continued). South Plume Drive-Point Sampler Results

Location Code	Sample Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
EP31	12	6/13/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	6/13/2011	<0.1	0.41J	<0.15	<0.23	<0.16	-
	20	6/13/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	24	6/13/2011	<0.1	0.51J	<0.15	<0.23	<0.16	0.83J
	28	6/13/2011	1.4	0.34J	<0.15	<0.23	<0.16	0.71J
	32	6/13/2011	3.1	<0.15	<0.15	<0.23	<0.16	-
	36	6/13/2011	1.2	<0.15	<0.15	<0.23	<0.16	-
SP01	24	3/29/2012	2.3	1.1	<0.15	<0.23	<0.16	<0.64
	28	3/29/2012	2.2	4.5	<0.15	<0.23	<0.16	<0.64
	32	3/29/2012	4.5	0.9J	<0.15	<0.23	<0.16	1.4J
SP02	24	3/29/2012	1.5	<0.15	<0.15	<0.23	<0.16	<0.64
	28	3/29/2012	12	30	0.33J	1.4	<0.16	<0.64
	32	3/29/2012	44	0.43J	<0.15	<0.23	<0.16	1.5J
SP03	24	3/29/2012	1.1	3.7	<0.15	<0.23	<0.16	<0.64
	28	3/29/2012	440	3,700	19	150	27	5.2
	32	3/29/2012	100	370	3.1	19	3.7	3.4
SP04	24	3/29/2012	1.4	1.3	<0.15	<0.23	<0.16	<0.64
	28	3/29/2012	65	160	1.2	5.9	<0.16	1.3J
	32	3/29/2012	16	4	<0.15	<0.23	<0.16	2.1
SP05	24	3/30/2012	0.49J	<0.15	<0.15	<0.23	<0.16	<0.64
	28	3/30/2012	1.8	1.1	0.31J	<0.23	<0.16	0.83J
	32	3/30/2012	0.86J	1.1	0.16J	<0.23	<0.16	<0.64
RS01	8	8/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	8/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	8/16/2010	<0.4	0.34J	<0.15	<0.23	<0.16	-
	21	8/16/2010	<0.4	0.41J	<0.15	<0.23	<0.16	-
	24	8/16/2010	0.67J	0.57J	0.16J	<0.23	<0.16	-
	28	8/16/2010	0.82J	0.71J	0.2J	<0.23	<0.16	-
	36	8/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
RS02	8	8/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	8/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	8/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	20	8/17/2010	<0.4	0.41J	<0.15	<0.23	<0.16	-
	24	8/17/2010	0.48J	0.38J	<0.15	<0.23	<0.16	-
	28	8/17/2010	1.6	0.67J	<0.15	<0.23	<0.16	-
	33	8/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
RS03	8	8/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	8/17/2010	<0.4	0.16J	<0.15	<0.23	<0.16	-
	16	8/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	20	8/17/2010	<0.4	0.24J	<0.15	<0.23	<0.16	-
	24	8/17/2010	0.55J	0.48J	<0.15	<0.23	<0.16	-
	28	8/17/2010	1.7	0.61J	<0.15	<0.23	<0.16	-
	32	8/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	36	8/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
RS04	8	8/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	8/18/2010	<0.4	0.16J	<0.15	<0.23	<0.16	-
	16	8/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	20	8/18/2010	<0.4	0.24J	<0.15	<0.23	<0.16	-
	24	8/18/2010	4.4	2.5	<0.15	<0.23	<0.16	-
	28	8/18/2010	3.4	1.6	0.21J	<0.23	<0.16	-
	32	8/18/2010	<0.4	0.25J	<0.15	<0.23	<0.16	-
	36	8/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-

Table 7 (continued). South Plume Drive-Point Sampler Results

Location Code	Sample Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
RS05	8	8/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	8/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	8/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	20	8/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	24	8/18/2010	3.4	1.7	<0.15	<0.23	<0.16	-
	27	8/18/2010	27	21	0.28J	<0.23	<0.16	-
	32	8/18/2010	<0.4	0.62J	<0.15	<0.23	<0.16	-
RS06	8	8/19/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	8/19/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	8/19/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	21	8/19/2010	<0.4	0.37J	<0.15	<0.23	<0.16	-
	24	8/19/2010	9.8	6.2	<0.15	<0.23	<0.16	-
	28	8/19/2010	30	18	0.21J	<0.23	<0.16	-
	32	8/19/2010	1.4	1	<0.15	<0.23	<0.16	-
RS07	8	8/19/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	8/19/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	8/19/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	20	8/19/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	24	8/19/2010	15	9.5	<0.15	<0.23	<0.16	-
	28	8/19/2010	29	79	0.67J	3.7	<0.16	-
	33	8/19/2010	2.8	4.3	<0.15	<0.23	<0.16	-
RS08	8	8/20/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	8/20/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	8/20/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	21	8/20/2010	<0.4	1.1	<0.15	<0.23	<0.16	-
	24	8/20/2010	12	21	0.33J	0.8J	<0.16	-
	28	8/20/2010	69	470	6.3	34	0.17J	-
	32	8/20/2010	6.7	9	0.24J	1.5	<0.16	-
	35	8/20/2010	<0.4	5.4	0.15J	0.88J	<0.16	-
RS09	8	8/20/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	8/20/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	8/20/2010	<0.4	0.15J	<0.15	<0.23	<0.16	-
	21	8/20/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	24	8/20/2010	<0.4	1.3	<0.15	<0.23	<0.16	-
	28	8/20/2010	4.9	2.7	<0.15	<0.23	<0.16	-
	32	8/20/2010	2.1	<0.15	<0.15	<0.23	<0.16	-
RS10	8	8/24/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	8/24/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	8/24/2010	<0.4	0.23J	<0.15	<0.23	<0.16	-
	19	8/24/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	24	8/24/2010	<0.4	0.2J	<0.15	<0.23	<0.16	-
	28	8/24/2010	4.1	0.29J	<0.15	<0.23	<0.16	-
	32	8/24/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	36	8/24/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
RS11	8	8/24/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	8/24/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	8/24/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	24	8/24/2010	2	0.67J	<0.15	<0.23	<0.16	-
	28	8/24/2010	20	35	0.51J	1.7	<0.16	-
	32	8/24/2010	7.8	1.5	<0.15	<0.23	<0.16	-

Table 7 (continued). South Plume Drive-Point Sampler Results

Location Code	Sample Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
RS12	8	8/25/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	8/25/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	8/25/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	21	8/25/2010	<1.6	0.94J	<0.6	<0.92	<0.64	-
	24	8/25/2010	12	7.2	<0.15	<0.23	<0.16	-
	28	8/25/2010	27	18	<0.3	<0.46	<0.32	-
	32	8/25/2010	20	7.3	<0.6	<0.92	<0.64	-
RS13	8	8/25/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	8/25/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	8/25/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	20	8/25/2010	0.62J	0.42J	<0.15	<0.23	<0.16	-
	24	8/25/2010	15	12	0.16J	<0.23	<0.16	-
	28	8/25/2010	38	29	0.27J	<0.23	<0.16	-
	32	8/25/2010	3.5	0.87J	0.18J	<0.23	<0.16	-
	35	8/25/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
RS14	8	8/26/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	8/26/2010	<1.6	<0.6	<0.6	<0.92	<0.64	-
	16	8/26/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	21	8/26/2010	<1.6	<0.6	<0.6	<0.92	<0.64	-
	24	8/26/2010	<1.6	<0.6	<0.6	<0.92	<0.64	-
	28	8/26/2010	5.1	2.6J	<0.6	<0.92	<0.64	-
RS15	8	8/26/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	8/26/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	8/26/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	20	8/26/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	24	8/26/2010	0.79J	0.57J	0.18J	<0.23	<0.16	-
	28	8/26/2010	1.3	0.95J	0.32J	<0.23	<0.16	-
	32	8/26/2010	<0.4	0.63J	0.22J	<0.23	<0.16	-
	35	8/26/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
RS16	8	8/27/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	8/27/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	8/27/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	20	8/27/2010	<1.6	<0.6	<0.6	<0.92	<0.64	-
	24	8/27/2010	<1.6	<0.6	<0.6	<0.92	<0.64	-
	28	8/27/2010	<1.6	<0.6	<0.6	<0.92	<0.64	-
	32	8/27/2010	<1.6	<0.6	<0.6	<0.92	<0.64	-
	36	8/27/2010	<1.6	<0.6	<0.6	<0.92	<0.64	-
RS17	8	8/27/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	8/27/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	8/27/2010	<1.6	<0.6	<0.6	<0.92	<0.64	-
	24	8/27/2010	<1.6	<0.6	<0.6	<0.92	<0.64	-
	28	8/27/2010	0.45J	0.93J	0.36J	<0.23	<0.16	-
	32	8/27/2010	<0.4	0.41J	0.17J	<0.23	<0.16	-
RS18	9	8/30/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	8/30/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	8/30/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	20	8/30/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	24	8/30/2010	<0.4	0.48J	<0.15	<0.23	<0.16	-
	28	8/30/2010	<0.4	0.75J	0.19J	<0.23	<0.16	-
	32	8/30/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	35	8/30/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-

Table 7 (continued). South Plume Drive-Point Sampler Results

Location Code	Sample Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
RS19	9	8/30/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	8/30/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	8/30/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	21	8/30/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	24	8/30/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	28	8/30/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	33	8/30/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
RS20	8	12/14/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	12/14/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	12/14/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	20	12/14/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	24	12/14/2010	0.73J	0.45J	<0.15	<0.23	<0.16	-
	28	12/14/2010	0.43J	0.62J	<0.15	<0.23	<0.16	-
RS21	8	12/9/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	12/9/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	12/9/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	20	12/9/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	24	12/9/2010	<0.4	0.65J	0.24J	<0.23	<0.16	-
	28	12/9/2010	<0.4	0.9J	0.36J	<0.23	<0.16	-
	32	12/9/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
RS22	8	12/9/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	12/9/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	12/9/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	24	12/9/2010	<0.4	0.36J	<0.15	<0.23	<0.16	-
	28	12/9/2010	<0.4	0.62J	<0.15	<0.23	<0.16	-
	32	12/9/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
RS23	8	12/15/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	12/15/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	12/15/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	20	12/15/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	24	12/15/2010	0.67J	0.36J	<0.15	<0.23	<0.16	-
	28	12/15/2010	0.72J	0.61J	0.17J	<0.23	<0.16	-
	32	12/15/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
RS24	8	12/15/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	12/15/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	12/15/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	24	12/15/2010	<0.4	0.5J	<0.15	<0.23	<0.16	-
	28	12/15/2010	<0.4	0.72J	0.29J	<0.23	<0.16	-
	32	12/15/2010	<0.4	0.3J	<0.15	<0.23	<0.16	-
RS25	8	12/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	12	12/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	16	12/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	24	12/16/2010	<0.4	0.85J	0.29J	<0.23	<0.16	-
	28	12/16/2010	<0.4	0.92J	0.29J	<0.23	<0.16	-
	32	12/16/2010	<0.4	0.25J	<0.15	<0.23	<0.16	-
BBF03	16	12/8/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	24	12/8/2010	0.41J	<0.15	<0.15	<0.23	<0.16	-
	28	12/8/2010	4.8	<0.15	<0.15	<0.23	<0.16	-
	32	12/8/2010	2.5	<0.15	<0.15	<0.23	<0.16	-

Table 7 (continued). South Plume Drive-Point Sampler Results

Location Code	Sample Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
BBF04	24	12/8/2010	6.2	2.6	<0.15	<0.23	<0.16	-
	28	12/8/2010	20	27	0.48J	1.3	<0.16	-
	32	12/8/2010	3.3	0.92J	<0.15	<0.23	<0.16	-
BBF05	24	12/8/2010	1.6	0.91J	<0.15	<0.23	<0.16	-
	28	12/8/2010	2	1.4	<0.15	<0.23	<0.16	-
BBF07	16	12/14/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	24	12/14/2010	<0.4	0.66J	0.17J	<0.23	<0.16	-
	28	12/14/2010	<0.4	0.79J	0.24J	<0.23	<0.16	-
	32	12/14/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
BBF08	16	12/13/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	20	12/13/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	24	12/13/2010	0.6J	0.87J	0.31J	<0.23	<0.16	-
	28	12/13/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	32	12/13/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	36	12/13/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
BBF10	24	12/7/2010	<0.5	<0.65	<0.44	<0.45	<0.5	-
	28	12/7/2010	<0.5	<0.65	<0.44	<0.45	<0.5	-
	32	12/7/2010	<0.5	<0.65	<0.44	<0.45	<0.5	-
BBF11	20	12/6/2010	0.44J	<0.15	<0.15	<0.23	<0.16	-
	24	12/6/2010	4.2	1.1	<0.15	<0.23	<0.16	-
	28	12/6/2010	5.8	0.42J	<0.15	<0.23	<0.16	-
	32	12/6/2010	0.41J	<0.15	<0.15	<0.23	<0.16	-
BBF12	24	12/7/2010	13	14	<0.44	<0.45	<0.5	-
	28	12/7/2010	14	3	<0.44	<0.45	<0.5	-
	32	12/7/2010	0.57J	0.73J	<0.44	<0.45	<0.5	-
BBF13	16	12/10/2010	0.46J	0.48J	<0.15	<0.23	<0.16	-
	20	12/10/2010	0.44J	0.53J	<0.15	<0.23	<0.16	-
	24	12/10/2010	0.8J	0.97J	0.36J	<0.23	<0.16	-
	28	12/10/2010	<0.4	0.39J	<0.15	<0.23	<0.16	-
	32	12/10/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
BBF14	16	12/10/2010	5.2	0.8J	<0.15	<0.23	<0.16	-
	20	12/10/2010	16	18	0.4J	<0.23	<0.16	-
	24	12/10/2010	18	24	<0.15	<0.23	<0.16	-
	28	12/10/2010	8.4	5.9	0.33J	<0.23	<0.16	-
	32	12/10/2010	0.63J	0.84J	<0.15	<0.23	<0.16	-
BBF15	8	4/5/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	4/5/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	4/5/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	4/5/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	4/5/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	28	4/5/2011	0.78J	<0.15	<0.15	<0.23	<0.16	-
	32	4/5/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
BBF16	8	4/6/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	4/6/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	4/6/2011	0.64J	<0.15	<0.15	<0.23	<0.16	-
	20	4/6/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	4/6/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	28	4/6/2011	8.2	<0.15	<0.15	<0.23	<0.16	-
	32	4/6/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-

Table 7 (continued). South Plume Drive-Point Sampler Results

Location Code	Sample Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
BBF17	8	4/4/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	4/4/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	4/4/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	4/4/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	4/4/2011	<0.1HJ	<0.15HJ	<0.15HJ	<0.23HJ	<0.16HJ	-
	28	4/4/2011	0.33J	<0.15	<0.15	<0.23	<0.16	-
	32	4/4/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	36	4/4/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
BBF18	16	12/13/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
	20	12/13/2010	2.1	<0.15	<0.15	<0.23	<0.16	-
	24	12/13/2010	1.9	<0.15	<0.15	<0.23	<0.16	-
	28	12/13/2010	3.4	<0.15	<0.15	<0.23	<0.16	-
	32	12/13/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
BR02	8	1/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	1/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	1/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	1/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	1/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	28	1/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	32	1/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
BR03	8	1/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	1/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	1/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	1/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	1/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	28	1/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	32	1/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
BR04	8	1/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	1/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	1/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	1/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	1/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	28	1/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	32	1/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
BR05	8	1/25/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	1/25/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	1/25/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	1/25/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	1/25/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	28	1/25/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	32	1/25/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
BR06	8	1/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	1/24/2011	<0.2	<0.3	<0.3	<0.46	<0.32	-
	16	1/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	1/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	1/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	28	1/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	32	1/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-

Table 7 (continued). South Plume Drive-Point Sampler Results

Location Code	Sample Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
BR07	8	1/25/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	1/25/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	1/25/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	1/25/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	1/25/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	28	1/25/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	32	1/25/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
BR08	8	1/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	1/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	1/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	1/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	1/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	28	1/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	32	1/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
BR09	8	1/28/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	1/28/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	1/28/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	1/28/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	1/28/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	28	1/28/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	32	1/28/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
BR10	8	1/28/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	1/28/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	1/28/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	1/28/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	1/28/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	28	1/28/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	32	1/28/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-

Notes:
- = not analyzed for 1,4-dioxane
J = estimated value
H = exceeded holding time

Table 8. East Plume Drive-Point Sampler Results

Location Code	Sample Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
PIN12								
EP01	8	5/9/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/9/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	5/9/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	5/9/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	5/9/2011	<0.1	0.74J	<0.15	<0.23	<0.16	-
	28	5/9/2011	<0.1	2	0.54J	<0.23	<0.16	-
	32	5/9/2011	<0.1	1.7	0.58J	<0.23	<0.16	-
	36	5/9/2011	<0.1	0.68J	<0.15	<0.23	<0.16	-
EP02	8	5/10/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/10/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	5/10/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	5/10/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	5/10/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	28	5/10/2011	<0.1	0.63J	0.15J	<0.23	<0.16	-
	32	5/10/2011	<0.1	1.2	0.29J	<0.23	<0.16	-
	36	5/10/2011	<0.1	0.41J	<0.15	<0.23	<0.16	--
EP03	8	5/10/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/10/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	5/10/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	5/10/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	5/10/2011	<0.1	0.5J	<0.15	<0.23	<0.16	-
	28	5/10/2011	<0.1	1.2	0.23J	<0.23	<0.16	-
	32	5/10/2011	<0.1	2.8	0.38J	0.42J	<0.16	-
	36	5/10/2011	<0.1	0.49J	<0.15	<0.23	<0.16	-
EP04	8	5/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	5/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	5/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	5/11/2011	<0.1	5.1	0.4J	1.1	<0.16	-
	28	5/11/2011	3.1	7.7	0.87J	2	<0.16	-
	32	5/11/2011	2.7	6.6	0.36J	1.8	<0.16	-
EP05	8	5/12/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/12/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	5/12/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	5/12/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	5/12/2011	26	5.5	2.8	<0.23	<0.16	-
	28	5/12/2011	110	16	5.3	0.72J	<0.16	-
	32	5/12/2011	98	30	1.2	4.4	<0.16	-
EP06	8	5/12/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/12/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	5/12/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	5/12/2011	7.8	1.7	<0.15	<0.23	<0.16	-
	24	5/12/2011	44	8.6	0.58J	<0.23	<0.16	-
	28	5/12/2011	53	20	1.8	0.83J	<0.16	-
	32	5/12/2011	53	26	1.9	1.4	<0.16	-
	36	5/12/2011	9.2	4.3	0.5J	0.34J	<0.16	-

Table 8 (continued). East Plume Drive-Point Sampler Results

Location Code	Sample Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
EP07	8	5/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	5/11/2011	6.7	0.6J	<0.15	<0.23	<0.16	-
	20	5/11/2011	51	3.4	0.46J	<0.23	<0.16	-
	24	5/11/2011	360	110	22	2.1	<0.16	-
	28	5/11/2011	400	59	20	0.85J	<0.16	-
	32	5/11/2011	9.2	6.6	2.3	<0.23	<0.16	-
EP08	8	6/23/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	6/23/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	6/23/2011	8.2	2.3	0.5J	<0.23	<0.16	-
	20	6/23/2011	150	22	3.7	<0.23	<0.16	150
	24	6/23/2011	360H	41	12	<0.23	<0.16	180
	28	6/23/2011	940H	100H	30	1.1	<0.16	440
	36	6/23/2011	13	7.8	2.4	<0.23	<0.16	-
EP09	8	6/23/2011	0.58J	<0.15	<0.15	<0.23	<0.16	-
	12	6/23/2011	29	2.6	<0.15	<0.23	<0.16	-
	16	6/23/2011	160H	12	1	<0.23	<0.16	-
	24	6/23/2011	190H	23	9.5J	<0.23	<0.16	160
	28	6/23/2011	120H	38	17	0.49J	<0.16	68
	32	6/23/2011	57	28	14	<0.23	<0.16	-
	36	6/23/2011	4.7	3.3	1.4	<0.23	<0.16	-
EP10	8	6/24/2011	6.9	2.4	1.9	<0.23	<0.16	-
	12	6/24/2011	110	38	22	0.53J	<0.16	-
	16	6/24/2011	160	41	14	0.5J	<0.16	-
	24	6/24/2011	60	7.2	3.6	0.26J	<0.16	18
	28	6/24/2011	110	29	27	0.41J	<0.16	70
	32	6/24/2011	46	25	18	0.46J	<0.16	-
	36	6/24/2011	6.6	4.2	4	<0.23	<0.16	-
EP11	8	6/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	6/27/2011	28	13	4	<0.23	<0.16	-
	16	6/27/2011	54	12	1.3	<0.23	<0.16	-
	20	6/27/2011	45	19	4.2	<0.23	<0.16	29
	24	6/27/2011	25J	7.2	3.2	<0.23	<0.16	12J
	28	6/27/2011	67	19	12	0.38J	<0.16	36
	32	6/27/2011	18	18	12	<0.23	<0.16	-
	36	6/27/2011	5.6	4.8	3.5	<0.23	<0.16	-
EP12	8	6/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	6/27/2011	39	24	8.9	0.29J	<0.16	-
	16	6/27/2011	44	18	2.9	0.26J	<0.16	-
	20	6/27/2011	41	27	9	0.27J	<0.16	3.6
	24	6/27/2011	12	4.7	2.5	<0.23	<0.16	6.1
	28	6/27/2011	2.2	1.8	3	<0.23	<0.16	6.6
	32	6/27/2011	25	13	8.7	<0.23	<0.16	-
	36	6/27/2011	1.8	0.93J	0.88J	<0.23	<0.16	-
EP13	8	6/28/2011	<0.1	0.94J	0.31J	<0.23	<0.16	-
	12	6/28/2011	47	29	12	0.6J	<0.16	-
	16	6/28/2011	35	15	2	0.25J	<0.16	-
	20	6/28/2011	50	17	5.5	0.24J	<0.16	26
	24	6/28/2011	18	2.4	3.3	<0.23	<0.16	6.4
	28	6/28/2011	1.8	0.29J	0.69J	<0.23	<0.16	7
	32	6/28/2011	17	8.4	5.5	<0.23	<0.16	-
	36	6/28/2011	2.9	0.62J	0.26J	<0.23	<0.16	-

Table 8 (continued). East Plume Drive-Point Sampler Results

Location Code	Sample Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
EP14	8	6/28/2011	<0.1	0.6J	0.44J	<0.23	<0.16	-
	12	6/28/2011	48	34	12	0.61J	<0.16	-
	16	6/28/2011	49	17	1.5	0.27J	<0.16	-
	24	6/28/2011	40	5.9	5.1	<0.23	<0.16	6.4
	28	6/28/2011	11	8	5.8	<0.23	<0.16	4.8
	32	6/28/2011	22	8	5.7	<0.23	<0.16	-
	36	6/28/2011	2.7	1.4	1.1	<0.23	<0.16	-
EP15	8	6/29/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	6/29/2011	6.5	7	0.17J	<0.23	<0.16	-
	16	6/29/2011	12	4.3	0.28J	<0.23	<0.16	-
	24	6/29/2011	15	2.5	2.2	<0.23	<0.16	24
	28	6/29/2011	13	4	3.2	<0.23	<0.16	9.7
	32	6/29/2011	6.8	13	6.3	<0.23	<0.16	-
	36	6/29/2011	1.6	1.5	0.92J	<0.23	<0.16	-
EP16	8	6/29/2011	<0.1	0.7J	<0.15	<0.23	<0.16	-
	12	6/29/2011	3.6	4.4	<0.15	<0.23	<0.16	-
	16	6/29/2011	2	0.72J	<0.15	<0.23	<0.16	-
	20	6/29/2011	9.3	5.5	0.52J	<0.23	<0.16	11
	24	6/29/2011	6.3	0.99J	1.2	<0.23	<0.16	5
	28	6/29/2011	9.4	16	6.1	0.27J	<0.16	4.3
	32	6/29/2011	4.6	8.9	2.9	<0.23	<0.16	-
	36	6/29/2011	0.52J	1.1	0.38J	<0.23	<0.16	-
EP17	8	6/22/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	6/22/2011	<0.1	1	<0.15	<0.23	<0.16	-
	16	6/22/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	6/22/2011	0.46J	<0.15	<0.15	<0.23	<0.16	16J
	28	6/22/2011	6.1	8.5	3.4	<0.23	<0.16	10
	32	6/22/2011	2.4	12	4.4	<0.23	<0.16	-
	36	6/22/2011	<0.1	2.3	0.89J	<0.23	<0.16	-
EP32	8	5/23/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/23/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	5/23/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	5/23/2011	<0.1	<0.15	<0.15	<0.23	<0.16	1.8J
	24	5/23/2011	<0.1	0.32J	<0.15	<0.23	<0.16	2.7
	28	5/23/2011	<0.1	0.18J	<0.15	<0.23	<0.16	<0.64
	32	5/23/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	36	5/23/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP33	8	5/23/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/23/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	5/23/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	5/23/2011	<0.1	0.37J	<0.15	<0.23	<0.16	<0.64
	24	5/23/2011	<0.1	0.68J	<0.15	<0.23	<0.16	6
EP34	8	5/20/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/20/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	5/20/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	5/20/2011	<0.1	0.82J	<0.15	0.29J	<0.16	2.7
	24	5/20/2011	0.57J	2.7	0.16J	0.84J	<0.16	13
	28	5/20/2011	1.2	1.8	<0.15	0.61J	<0.16	20
	32	5/20/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	36	5/20/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-

Table 8 (continued). East Plume Drive-Point Sampler Results

Location Code	Sample Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
EP35	8	5/20/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/20/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	5/20/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	24	5/20/2011	6.3	4.8	0.21J	1.1	<0.16	18
	28	5/20/2011	3.8	2.1	<0.15	0.53J	<0.16	19
	32	5/20/2011	<0.1	0.36J	<0.15	<0.23	<0.16	-
	36	5/20/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP36	8	5/19/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/19/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	5/19/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	5/19/2011	12	1.3	<0.15	<0.23	<0.16	<0.64
	24	5/19/2011	38	7.9	0.84J	0.73J	<0.16	32
	28	5/19/2011	44	8	<0.15	1	<0.16	<0.64
	32	5/19/2011	1.6	0.38J	<0.15	<0.23	<0.16	-
	36	5/19/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP37	8	5/19/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/19/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	5/19/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	5/19/2011	18	4.5	0.39J	0.41J	<0.16	<0.64
	24	5/19/2011	130	34	3.6J	4.1	<0.64	<0.64
	28	5/19/2011	50	12	0.69J	1.2	<0.16	<0.64
	32	5/19/2011	3	0.78J	<0.15	<0.23	<0.16	-
EP38	8	5/17/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/17/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	5/17/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	5/17/2011	47	11	1.8	0.79J	<0.16	43
	24	5/17/2011	83	27	2.8	1.8	<0.16	180
	28	5/17/2011	27	20	1.1	1.2	<0.16	88
	32	5/17/2011	2.8	2	0.25J	0.31J	<0.16	-
	36	5/17/2011	1.1	0.77J	0.16J	<0.23	<0.16	-
EP39	8	5/17/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/17/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	5/17/2011	0.46J	<0.15	<0.15	<0.23	<0.16	-
	20	5/17/2011	32	5.2	0.93J	0.29J	<0.16	31
	24	5/17/2011	170H	38	6.2	1.2	<0.16	370
	28	5/17/2011	21	11	1.1	0.35J	<0.16	77
	32	5/17/2011	3.2	1.6	0.33J	<0.23	<0.16	-
	36	5/17/2011	1.1	0.53J	0.2J	<0.23	<0.16	-
EP40	8	5/13/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/13/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	5/13/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	5/13/2011	50	16	2.2	0.32J	<0.16	140
	24	5/13/2011	260	53	9.7J	<2.3	<1.6	360
	28	5/13/2011	16	5.7	1.3	<0.23	<0.16	45
	32	5/13/2011	3.1	2.4	0.31J	<0.23	<0.16	-
	36	5/13/2011	4.2	1.3	0.52J	<0.23	<0.16	-
EP41	8	5/13/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/13/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	5/13/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	5/13/2011	15	0.24J	1.3	<0.23	<0.16	6.3
	24	5/13/2011	230	42	15	1.1	<0.16	160
	28	5/13/2011	32	0.89J	1.7	<0.23	<0.16	12

Table 8 (continued). East Plume Drive-Point Sampler Results

Location Code	Sample Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
EP42	8	5/16/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/16/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	5/16/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	24	5/16/2011	2.9	<0.15	<0.15	<0.23	<0.16	3.9
	28	5/16/2011	3.4	0.72J	0.15J	<0.23	<0.16	2.1
	32	5/16/2011	0.21J	0.2J	<0.15	<0.23	<0.16	-
	36	5/16/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP43	8	5/16/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/16/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	5/16/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	5/16/2011	0.85J	0.87J	0.28J	<0.23	<0.16	<0.64
	24	5/16/2011	1.6	2.4	0.63J	<0.23	<0.16	<0.64
	28	5/16/2011	0.17J	0.62J	<0.15	<0.23	<0.16	<0.64
	32	5/16/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	36	5/16/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP44	8	5/18/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/18/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	5/18/2011	0.44J	1.4	0.34J	<0.23	<0.16	2.6
	24	5/18/2011	0.52J	2.8	0.58J	<0.23	<0.16	3
	28	5/18/2011	<0.1	0.28J	<0.15	<0.23	<0.16	<0.64
	32	5/18/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	36	5/18/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP45	8	5/18/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	5/18/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	5/18/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	5/18/2011	<0.1	0.29J	<0.15	<0.23	<0.16	<0.64
	24	5/18/2011	0.43J	2.1	0.51J	<0.23	<0.16	1.5J
	28	5/18/2011	<0.1	0.58J	<0.15	<0.23	<0.16	<0.64
	32	5/18/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	36	5/18/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP46	8	8/30/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	8/30/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	8/30/2011	39	14	0.44J	3.5	<0.16	42
	24	8/30/2011	<0.2	0.39J	<0.3	<0.46	<0.32	1.5J
	28	8/30/2011	<0.2	<0.3	<0.3	<0.46	<0.32	<0.64
	32	8/30/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	36	8/30/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP47	8	8/30/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	8/30/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	8/30/2011	45	7.9	<0.15	1.3	<0.16	-
	20	8/30/2011	60HJ	23J	0.71J	3.6J	<0.16	73J
	24	8/30/2011	24H	6.9H	0.26JH	1.1H	<0.16H	26
	28	8/30/2011	1.5	0.44J	<0.15	<0.23	<0.16	<0.64
	32	8/30/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	36	8/30/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP48	8	8/31/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	8/31/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	8/31/2011	0.61J	<0.15	<0.15	<0.23	<0.16	-
	20	8/31/2011	87	26	1.1	3.4	<0.16	160
	24	8/31/2011	21	7.2	0.35J	1.1	<0.16	34
	28	8/31/2011	1.4	0.64J	<0.15	<0.23	<0.16	0.64J
	32	8/31/2011	0.52J	0.21J	<0.15	<0.23	<0.16	-

Table 8 (continued). East Plume Drive-Point Sampler Results

Location Code	Sample Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
EP49	8	8/31/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	8/31/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	8/31/2011	35	7.2	<0.15	0.9J	<0.16	-
	20	8/31/2011	91	36	2.5	4.9	<0.16	150
	24	8/31/2011	9	3.3	0.22J	0.53J	<0.16	11
	28	8/31/2011	0.59J	0.25J	<0.15	<0.23	<0.16	<0.64
	32	8/31/2011	0.4J	0.17J	<0.15	<0.23	<0.16	-
	36	8/31/2011	0.3J	<0.15	<0.15	<0.23	<0.16	-
EP50	8	9/1/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	9/1/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	9/1/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	9/1/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	24	9/1/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	28	9/1/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	32	9/1/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	36	9/1/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP51	8	9/1/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	9/1/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	9/1/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	9/1/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	24	9/1/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	28	9/1/2011	<0.4	<0.6	<0.6	<0.92	<0.64	<0.64
	32	9/1/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	36	9/1/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP52	8	9/2/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	9/2/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	9/2/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	9/2/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	24	9/2/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	28	9/2/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	32	9/2/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	36	9/2/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP53	8	9/6/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	9/6/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	9/6/2011	<0.1	<0.15	<0.15	0.92J	<0.16	-
	20	9/6/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	24	9/6/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	28	9/6/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	32	9/6/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	36	9/6/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP54	8	9/6/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	9/6/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	9/6/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	9/6/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	24	9/6/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	28	9/6/2011	<0.1	<0.15	<0.15	0.33J	<0.16	<0.64
	32	9/6/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-

Table 8 (continued). East Plume Drive-Point Sampler Results

Location Code	Sample Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
EP55	8	9/7/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	9/7/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	9/7/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	9/7/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	24	9/7/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	28	9/7/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	32	9/7/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP56	8	9/7/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	9/7/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	9/7/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	9/7/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	24	9/7/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	28	9/7/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	32	9/7/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP57	8	9/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	9/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	9/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	9/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	24	9/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	28	9/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	32	9/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP58	8	9/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	9/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	9/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	9/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	24	9/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	28	9/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	32	9/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP59	8	9/9/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	9/9/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	9/9/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
	20	9/9/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	24	9/9/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	28	9/9/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	32	9/9/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP60	8	3/20/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	3/20/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	16	3/20/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	20	3/20/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	24	3/20/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	28	3/20/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	32	3/20/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	36	3/20/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP61	8	3/19/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	3/19/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	3/19/2012	<0.1	<0.15	<0.15	<0.23	<0.16	2.5
	20	3/19/2012	0.88J	1.9	<0.15	0.56J	<0.16	18
	24	3/19/2012	<0.1	0.43J	<0.15	<0.23	<0.16	4.7
	28	3/19/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	32	3/19/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-

Table 8 (continued). East Plume Drive-Point Sampler Results

Location Code	Sample Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
EP62	8	3/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	3/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	3/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	20	3/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	24	3/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	28	3/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	32	3/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP63	8	3/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	3/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	3/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	20	3/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	24	3/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	28	3/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP64	8	3/22/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	3/22/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	3/22/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	20	3/22/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	24	3/22/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	28	3/22/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	32	3/22/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	36	3/22/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP65	8	3/21/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	3/21/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	3/21/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	20	3/21/2012	<0.1	<0.15	<0.15	<0.23	<0.16	9.9
	24	3/21/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	28	3/21/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	32	3/21/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	36	3/21/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP66	8	3/26/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	3/26/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	3/26/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	20	3/26/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	24	3/26/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	28	3/26/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	32	3/26/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP67	8	3/21/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	12	3/21/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	16	3/21/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	20	3/21/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	24	3/21/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
	28	3/21/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	32	3/21/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
EP68	16	4/24/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22
	20	4/24/2012	<0.1H	<0.15H	<0.15H	<0.23H	<0.16H	<0.22
	24	4/24/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22
	28	4/24/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22
EP69	16	4/24/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22
	20	4/24/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22
	24	4/24/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
	28	4/24/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22

Table 8 (continued). East Plume Drive-Point Sampler Results

Location Code	Sample Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
EP70	16	4/24/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22
	20	4/24/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22
	24	4/24/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22
	28	4/24/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22
EP71	20	4/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22
	24	4/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22
	28	4/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22
EP72	16	4/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22
	20	4/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22
	24	4/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22
	28	4/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22
EP73	16	4/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22
	20	4/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22
	24	4/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22
	28	4/23/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.22

Notes:
- = not analyzed for 1,4-dioxane
J = estimated value
H = exceeded holding time

Table 9. Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
PIN06								
0500	3–13	3/6/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/18/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		2/27/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/27/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/17/2010	<0.4	0.26J	<0.15	<0.23	<0.16	-
		3/12/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
0501	3–13	3/6/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/18/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
PIN09								
0500	3–13	3/2/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/12/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
PIN10								
0500	3–13	3/2/2007	<0.5	1.1	<0.44	<0.45	0.63J	-
		9/12/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
PIN12								
0509	3–13	3/6/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/18/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/4/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/27/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/17/2010	<0.4	0.19J	<0.15	<0.23	<0.16	-
		3/12/2012	<0.1	0.32J	<0.15	<0.23	<0.16	-
0510	3–13	3/7/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/18/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
0513	15–25	3/14/2007	<0.5	<0.65	0.64J	<0.45	<0.5	-
		9/19/2007	<0.5	<0.65	0.59J	<0.45	<0.5	-
		3/4/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/13/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/28/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/16/2010	0.64J	0.17J	<0.15	<0.23	<0.16	-
		3/10/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
0514	30–40	3/14/2007	32	8.1	26	<0.45	<0.5	-
		9/19/2007	42	5.8	15	<0.45	<0.5	-
		3/4/2008	<0.5	<0.65	12	<0.45	<0.5	-
		9/13/2008	33	5.6	16	<0.45	<0.5	-
		3/30/2009	26	5.2	15	<0.45	<0.5	-
0515	15–25	3/3/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/1/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/21/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/13/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/12/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
0516	30–40	3/3/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/1/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/21/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/13/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/12/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
0517	15–25	3/3/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/18/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/1/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/21/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/13/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/12/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
0518	30–40	3/3/2007	1.3	<0.65	<0.44	<0.45	<0.5	-
		9/18/2007	1.9	<0.65	<0.44	<0.45	<0.5	-
		3/1/2008	1.1	<0.65	<0.44	<0.45	<0.5	-
		3/21/2009	1.5	<0.65	<0.44	<0.45	<0.5	-
		3/13/2010	0.63J	<0.15	<0.15	<0.23	<0.16	-
		3/12/2011	0.64J	<0.15	<0.15	<0.23	<0.16	-
		3/10/2012	0.71J	<0.15	<0.15	<0.23	<0.16	-
0520	36–46	3/2/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/18/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
0521	19.5–29.5	3/2/2007	2.3	0.75J	<0.44	<0.45	<0.5	-
		9/12/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		2/27/2008	1.1	<0.65	<0.44	<0.45	<0.5	-
		3/27/2009	3.4	2.1	<0.44	<0.45	1.1	-
		3/17/2010	1.4	6.5	0.64J	<0.23	5.3	-
		3/12/2012	<0.1	1.9	<0.15	<0.23	0.44J	-
0522	32–42	3/7/2007	0.59J	<0.65	<0.44	<0.45	<0.5	-
		9/18/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
0523	18–28	3/6/2007	<0.5	5.5	3.1	<0.45	0.67J	-
		9/18/2007	20	32	22	<0.45	1	-
0524	27–37	3/5/2007	780	860	15	53	9.1	-
		9/18/2007	1,600	770	10	29	4.3	-
		3/1/2008	1,300	820	12	41	<5	-
		9/13/2008	1,000	610	18	27	<0.5	1.1
		3/21/2009	680	500	10	24	<0.5	-
		9/9/2009	570	510	13	21	<5	-
		3/13/2010	250	150	3.4	4.5	<0.16	-
		9/18/2010	160J	130J	3.6J	7.2J	<0.16	-
		3/12/2011	330	330	4.4	8.4	<0.32	-
		9/24/2011	840	670	9.2	19	<0.32	-
		3/10/2012	500	370	4.5	8.2	<0.32	-
0525	12–22	3/3/2007	<0.5	1.7	<0.44	<0.45	<0.5	-
		9/18/2007	0.66J	1.6	<0.44	<0.45	<0.5	-
		3/1/2008	<0.5	0.91J	<0.44	<0.45	<0.5	-
		9/13/2008	0.88J	2.2	<0.44	<0.45	<0.5	-
		3/21/2009	<0.5	1.4	<0.44	<0.45	<0.5	-
		9/9/2009	<0.5	2	<0.44	<0.45	<0.5	-
		3/13/2010	<0.4	1.3	<0.15	<0.23	<0.16	-
		9/18/2010	<0.4	1.5	<0.15	<0.23	<0.16	-
		3/12/2011	<0.1	1.2	<0.15	<0.23	<0.16	-
		9/24/2011	<0.1	1.5	<0.15	<0.23	<0.16	-
		3/10/2012	<0.1	1.3	<0.15	<0.23	<0.16	-

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
0526	19.5–29.5	3/3/2007	1.1	2.1	0.97J	<0.45	<0.5	-
		9/19/2007	3	1.9	1.3	<0.45	<0.5	-
		3/1/2008	1.9	<0.65	1.4	<0.45	<0.5	-
		9/11/2008	3.8	0.83J	1.1	<0.45	<0.5	<0.54
		3/21/2009	4.9	1.6	2	<0.45	<0.5	-
		3/16/2010	3.2	0.3J	1.2	<0.23	<0.16	-
0527	118–137.9	3/6/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/4/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/26/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/8/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
0528	127–146.9	3/3/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/1/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/27/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/10/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/8/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
0529	10–20	10/15/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		1/2/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/16/2008	<0.5	<0.65	<0.44	<0.45	<0.5	<0.54
		3/24/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/3/2009	<0.5	<0.65	<0.44	<0.45	<0.5	<1
		3/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		9/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/16/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0530	19.5–29.5	10/15/2007	72	170	2.9	12	<0.5	-
		1/2/2008	28	110	1.2	5.9	<0.5	-
		9/16/2008	4.6J	30J	0.68J	1.4	<0.5	<0.54
		12/8/2008	<0.5	130	1.2	5.7	<0.5	-
		3/25/2009	20J	110J	1.5J	6.2J	<0.5	-
		9/3/2009	4.8	19	<0.44	0.91J	<0.5	<1
		3/17/2010	2.1	4.6	<0.15	<0.23	<0.16	<0.75
		9/17/2010	0.57J	0.77J	<0.15	<0.23	<0.16	<0.75
		3/12/2011	<0.1	0.95J	<0.15	<0.23	<0.16	<0.64
0531	10–20	10/15/2007	<0.5	3.4	<0.44	<0.45	<0.5	-
		1/2/2008	<0.5	1.3	<0.44	<0.45	<0.5	-
		9/16/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/24/2009	<0.5	1.2	<0.44	<0.45	<0.5	-
		9/4/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/17/2010	<0.4	0.93J	<0.15	<0.23	<0.16	-
		9/17/2010	<0.4	0.68J	<0.15	<0.23	<0.16	-
		3/16/2011	<0.1	0.52J	<0.15	<0.23	<0.16	-
0532	20–30	10/15/2007	14	7.3	<0.44	<0.45	<0.5	-
		1/3/2008	9.4	5.4	<0.44	<0.45	<0.5	-
		9/16/2008	9	<0.65	<0.44	<0.45	<0.5	-
		3/24/2009	7.7	6.4	<0.44	<0.45	<0.5	-
		9/3/2009	<0.5	1.9	<0.44	<0.45	<0.5	-
		3/17/2010	2.7	1J	<0.15	<0.23	<0.16	-
		9/17/2010	1	0.51J	<0.15	<0.23	<0.16	-
		3/16/2011	1.5	0.76J	0.21J	<0.23	<0.16	-

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
0533	10–20	10/16/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		1/3/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/16/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/24/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/4/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/17/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
0534	20–30	10/16/2007	<0.5	3	<0.44	<0.45	<0.5	-
		1/3/2008	<0.5	0.67	<0.44	<0.45	<0.5	-
		9/17/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/24/2009	0.57J	0.78J	<0.44	<0.45	<0.5	-
		9/4/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/18/2010	<0.4	0.23J	<0.15	<0.23	<0.16	-
		9/18/2010	<0.4	0.36J	<0.15	<0.23	<0.16	-
		3/17/2011	<0.1	0.47J	<0.15	<0.23	<0.16	-
0535	10–20	10/16/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		1/4/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/16/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/23/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/8/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/22/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
0536	20–30	10/16/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		1/4/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/17/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/23/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/8/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/22/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
0537	10–20	10/16/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		1/5/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/14/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/27/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/3/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/21/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
0538	20–30	10/16/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		1/5/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/14/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/27/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/3/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/22/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
0539	9.5–19.5	10/17/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		1/5/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/16/2008	<0.5	<0.65	<0.44	<0.45	<0.5	<0.54
		3/30/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/2/2009	<0.5	<0.65	<0.44	<0.45	<0.5	<1
		3/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		9/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/17/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		9/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/12/2012	6.9	0.15J	0.28J	<0.23	<0.16	4.3J
0540	20–30	10/17/2007	37	<0.65	4.7	<0.45	<0.5	-
		1/7/2008	100	<0.65	5	<0.45	<0.5	-
		9/16/2008	4.9	<0.65	<0.44	<0.45	<0.5	3.2
		12/9/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/30/2009	25	<0.65	1.6	<0.45	<0.5	-
		9/2/2009	4.5	<0.65	<0.44	<0.45	<0.5	1.5J
		3/17/2010	14	<0.15	0.83J	<0.23	<0.16	<0.75
		9/16/2010	5.3	<0.15	0.33J	<0.23	<0.16	2.8J
		3/21/2011	49	1	2	<0.23	<0.16	43
		9/27/2011	68	14	6.7	<0.23	<0.16	110
		3/12/2012	250	24	10	0.3J	<0.16	410
0541	10–20	10/17/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		1/7/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/14/2008	<0.5	0.68J	<0.44	<0.45	<0.5	-
		3/31/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		8/29/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/16/2010	<0.4	0.6J	<0.15	0.24J	<0.16	-
		9/17/2010	<0.4	0.58J	<0.15	<0.23	<0.16	-
		3/17/2011	<0.1	0.43J	<0.15	<0.23	<0.16	-
		9/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/13/2012	<0.1	0.2J	<0.15	<0.23	<0.16	1.9J
0542	20–30	10/17/2007	<0.5	3.3	<0.44	<0.45	<0.5	-
		1/7/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/14/2008	<0.5	1.3	<0.44	<0.45	<0.5	-
		3/30/2009	<0.5	0.93J	<0.44	0.51J	<0.5	-
		8/29/2009	<0.5	1.5	<0.44	<0.45	<0.5	-
		3/16/2010	<0.4	1.8	<0.15	0.56J	<0.16	-
		9/17/2010	<0.4	1.5	<0.15	0.47J	<0.16	-
		3/17/2011	<0.1	1.1	<0.15	<0.23	<0.16	-
		9/26/2011	<0.1	0.51J	<0.15	<0.23	<0.16	-
		3/12/2012	<0.1	0.32J	<0.15	<0.23	<0.16	2.9
0543	28–38	1/2/2008	2.5	10	<0.44	<0.45	<0.5	-
		9/16/2008	2.7	3.1	<0.44	<0.45	<0.5	<0.54
		3/24/2009	4.9	25	<0.44	1.5	<0.5	-
		9/3/2009	4.7	12	<0.44	0.58J	<0.5	<1
		3/17/2010	0.81J	1.1	<0.15	<0.23	<0.16	<0.75
		9/17/2010	0.88J	0.37J	<0.15	<0.23	<0.16	<0.75
		3/16/2011	0.75J	0.34J	<0.15	<0.23	<0.16	<0.64

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
0544	30–40	1/3/2008	0.76J	<0.65	<0.44	<0.45	<0.5	-
		9/16/2008	0.66J	<0.65	<0.44	<0.45	<0.5	-
		3/24/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/3/2009	1.2	<0.65	<0.44	<0.45	<0.5	-
		3/17/2010	0.82J	0.49J	<0.15	<0.23	<0.16	-
		9/17/2010	0.69J	0.38J	<0.15	<0.23	<0.16	-
		3/17/2011	0.63J	0.44J	<0.15	<0.23	<0.16	-
0545	29.5–39.5	1/4/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/17/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/24/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/8/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/17/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
0546	29.5–39.5	1/4/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/17/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/23/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/8/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/17/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
0547	29.5–39.5	1/5/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/14/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/27/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/3/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/22/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
0548	30–40	1/7/2008	2.6	<0.65	<0.44	<0.45	<0.5	-
		9/16/2008	<0.5	<0.65	<0.44	<0.45	<0.5	<0.54
		3/30/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/1/2009	<0.5	<0.65	<0.44	<0.45	<0.5	<1
		3/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		9/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/21/2011	<0.1	<0.15	<0.15	<0.23	<0.16	1.4J
		9/27/2011	1.2	<0.15	<0.15	<0.23	<0.16	6
		3/12/2012	5.9	<0.15	<0.15	<0.23	<0.16	14
0549	30–40	1/7/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/14/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/30/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		8/29/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/17/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/12/2012	<0.1	<0.15	<0.15	<0.23	<0.16	2.1

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
0550-1	9–18	2/20/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/14/2008	<0.5	2.7	<0.44	<0.45	<0.5	<0.54
		3/31/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/2/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/11/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/21/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/12/2012	<0.2	<0.3	<0.3	<0.46	<0.32	<0.64
0550-2	20–29	2/20/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/14/2008	<0.5	<0.65	<0.44	<0.45	<0.5	<0.54
		3/31/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/2/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/11/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/21/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/12/2012	<0.2	<0.3	<0.3	<0.46	<0.32	<0.64
0550-3	31–40	2/21/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/15/2008	<0.5	<0.65	<0.44	<0.45	<0.5	<0.54
		3/31/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/2/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/11/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/22/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/12/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0551-1	9–18	2/21/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/16/2008	<0.5	<0.65	<0.44	<0.45	<0.5	<0.54
		3/30/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/3/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/11/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/20/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/13/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0551-2	20–29	2/21/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/16/2008	<0.5	<0.65	<0.44	<0.45	<0.5	<0.54
		3/30/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/2/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/11/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/20/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/13/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
0551-3	31–40	2/21/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/16/2008	<0.5	<0.65	<0.44	<0.45	<0.5	<0.54
		3/30/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/3/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/11/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/21/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
0552-1	9–18	2/22/2008	13	100	1.1	5.9	<0.5	-
		3/18/2008	62J	270J	4.6J	21J	<0.5	-
		9/14/2008	82	380	5.8	24	0.87J	1.6
		3/25/2009	38J	230J	2.7J	11J	<0.5	-
		9/9/2009	51	130	2	7	<0.5	<1
		12/6/2009	21	47	0.7J	2.2	<0.16	<1
		3/16/2010	3.9	14	0.15J	0.52J	<0.16	<0.75
		9/22/2010	1.5	5.8	<0.15	0.25J	<0.16	<0.75
		3/16/2011	0.78J	2.5	<0.15	<0.23	<0.16	<0.64
		9/27/2011	6.3	0.5J	<0.15	<0.23	<0.16	2.8
0552-2	20–29	2/22/2008	27	210	2.4	12	<0.5	-
		3/18/2008	61	310	4.7	23	<0.5	-
		9/14/2008	110	360	9	35	<0.5	2.5
		3/25/2009	57	310	5	20	<0.5	-
		9/9/2009	51	120	1.9	5.9	<0.5	<1
		12/6/2009	23	57	0.83J	2.7	<0.16	<1
		3/16/2010	6.8	24	0.29J	1	<0.16	<0.75
		9/22/2010	2.1	6.8	<0.15	0.29J	<0.16	<0.75
		3/16/2011	1	2.4	<0.15	<0.23	<0.16	<0.64
		9/27/2011	4.8	0.41J	<0.15	<0.23	<0.16	2.3
0552-3	31–40	2/22/2008	10	82	0.81J	5.6	0.85J	-
		3/18/2008	15	79	0.95J	4.4	<0.5	-
		9/14/2008	33	120	1.7	8.3	<0.5	0.76J
		3/25/2009	42	130	2.3	9.9	<0.5	-
		9/9/2009	71	130	2.1	7.1	<0.5	<1
		12/6/2009	75	150	2.1	6.5	<0.16	<1
		3/16/2010	30	48	0.7J	2	<0.16	<0.75
		9/22/2010	22	27	0.36J	1.2	<0.16	<0.75
		3/16/2011	12	12	0.18J	0.51J	<0.16	1.7J
		9/27/2011	9.8	2.9	<0.15	<0.23	<0.16	1.4J
0553A	3–13	6/16/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/13/2008	1.8	11	2.2	<0.45	3.6	-
		12/20/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/21/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		8/29/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/12/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/16/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/8/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
0553B	13–23	6/16/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/13/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		12/20/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/21/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		8/29/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/12/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/16/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/8/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0553C	23–33	7/1/2008	<0.5	0.7J	<0.44	<0.45	<0.5	-
		9/13/2008	0.52J	1.6	<0.44	<0.45	<0.5	-
		12/20/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/21/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		8/29/2009	<0.5	0.73J	<0.44	<0.45	<0.5	-
		3/12/2010	<0.4	0.72J	<0.15	<0.23	<0.16	-
		9/17/2010	<0.4	0.97J	<0.15	<0.23	<0.16	-
		3/16/2011	<0.1	1.2	0.16J	<0.23	<0.16	-
		9/27/2011	<0.1	1.3	<0.15	<0.23	<0.16	5.5
		3/9/2012	<0.1	1.3	0.19J	0.25J	<0.16	6.4
0554A	3–13	6/2/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/13/2008	0.64J	3.5	0.71J	<0.45	1.6	-
		12/20/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/21/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		8/29/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/12/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/16/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/9/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0554B	13–23	6/3/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/13/2008	0.74J	2.5	0.65J	<0.45	1.2	-
		12/20/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/21/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		8/29/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/16/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/26/2011	4.4	1.2	<0.15	<0.23	<0.16	4.9
		3/9/2012	1.6	0.56J	<0.15	<0.23	<0.16	6.1
0554C	23–33	6/3/2008	<0.5	14	<0.44	2.6	<0.5	-
		9/13/2008	66	17	1.5	4.3	<0.5	-
		12/20/2008	58	13	1.8	2.5	<0.5	-
		3/21/2009	72	16	2.9	3.8	<0.5	-
		8/29/2009	150	16	4.6	2.4	<0.5	-
		3/16/2010	82	16	4.6	1.5	<0.16	-
		9/17/2010	75	13	3.8	1.5	<0.16	-
		3/16/2011	69	12	3.4	1.1	<0.16	-
		9/26/2011	94J	16J	5.5J	1.6J	<0.16	62
		3/9/2012	83	14	4.7	1.3	<0.16	65

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
0555A	2.5–12.5	6/13/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/13/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/21/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		8/29/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/8/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0555B	13–23	6/12/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/13/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/21/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		8/29/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/16/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/8/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0555C	23–33	6/13/2008	<0.5	2.1	1.2	<0.45	<0.5	-
		9/13/2008	<0.5	1.6	<0.44	<0.45	<0.5	-
		3/21/2009	<0.5	2.1	1.6	<0.45	<0.5	-
		8/29/2009	<0.5	1.4	0.96J	<0.45	<0.5	-
		3/16/2010	<0.4	1.2	0.61J	<0.23	<0.16	-
		9/17/2010	<0.4	1.3	0.61J	<0.23	<0.16	-
		3/16/2011	<0.1	1.3	0.59J	<0.23	<0.16	-
		9/26/2011	<0.1	1.4	0.69J	<0.23	<0.16	1.6J
		3/8/2012	<0.1	0.98J	0.46J	<0.23	<0.16	<0.64
0556A	3–13	7/1/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/13/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
0556B	13–23	6/11/2008	<0.5	1.6	<0.44	<0.45	<0.5	-
		9/13/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
0556C	23–33	6/10/2008	<0.5	5.1	2	<0.45	<0.5	-
		9/13/2008	<0.5	3.9	1.5	<0.45	<0.5	-
0557A	3–13	6/10/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/13/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
0557B	13–23	6/10/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/13/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
0557C	23–33	6/11/2008	<0.5	1.6	<0.44	<0.45	<0.5	-
		9/13/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
0558A	3–13	6/12/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/13/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
0558B	13–23	6/30/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/13/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
0558C	23–33	6/12/2008	<0.5	2	<0.44	<0.45	<0.5	-
		9/13/2008	<0.5	1.2	<0.44	<0.45	<0.5	-
0559-1	9–18	12/8/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/30/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/1/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
0559-2	20–29	12/8/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/30/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/1/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
0559-3	31–40	12/8/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/30/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/1/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
0560-1	9–18	12/5/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/28/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/1/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
0560-2	20–29	12/5/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/28/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/1/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
0560-3	31–40	12/5/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/28/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/1/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
0561-1	9–18	12/6/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/28/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/3/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/12/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
0561-2	20–29	12/6/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/28/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/3/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/12/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
0561-3	31–40	12/6/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/28/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/1/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/12/2011	7.4	3.2	<0.15	<0.23	<0.16	-
		9/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
0562-1	9–18	12/8/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/23/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/2/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/15/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/28/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/8/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
0562-2	20–29	12/8/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/23/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/2/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/15/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/28/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/8/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
0562-3	31–40	12/8/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/24/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/2/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/15/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/9/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/28/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/8/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
0563-1	9–18	12/5/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/24/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/2/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/15/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/28/2011	1.6	<0.15	<0.15	<0.23	<0.16	-
		3/8/2012	1.7	<0.15	<0.15	<0.23	<0.16	-
0563-2	20–29	12/5/2008	1.9	<0.65	<0.44	<0.45	<0.5	-
		3/24/2009	2.7	<0.65	<0.44	<0.45	<0.5	-
		9/2/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/17/2010	<0.4	0.29J	<0.15	<0.23	<0.16	-
		9/15/2010	1.2	<0.15	<0.15	<0.23	<0.16	-
		3/11/2011	1.7	0.28J	<0.15	<0.23	<0.16	-
		9/28/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/8/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
0563-3	31–40	12/5/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/24/2009	0.96J	<0.65	<0.44	<0.45	<0.5	-
		9/2/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/17/2010	0.54J	<0.15	<0.15	<0.23	<0.16	-
		9/15/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/11/2011	0.73J	<0.15	<0.15	<0.23	<0.16	-
		9/28/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/8/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
0564-1	9–18	5/12/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/8/2009	<0.5	<0.65	<0.44	<0.45	<0.5	<1
		12/3/2009	<0.4	<0.15	<0.15	<0.14	<0.16	<1
		3/13/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		9/20/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		9/23/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/8/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0564-2	20–29	5/13/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/8/2009	<0.5	<0.65	<0.44	<0.45	<0.5	<1
		12/4/2009	<0.4	0.17J	<0.15	<0.14	<0.16	<1
		3/13/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		9/20/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		9/23/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/8/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0564-3	31–40	5/13/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/8/2009	<0.5	<0.65	<0.44	<0.45	<0.5	<1
		12/3/2009	<0.4	<0.15	<0.15	<0.14	<0.16	<1
		3/13/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		9/20/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		9/23/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/8/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0565-1	9–18	5/12/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/1/2009	<0.5	<0.65	<0.44	<0.45	<0.5	<1
		12/2/2009	<0.4	0.23J	<0.15	<0.14	<0.16	<1
		3/13/2010	<0.4	0.2J	<0.15	<0.23	<0.16	<0.75
		9/20/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		9/22/2011	<0.4	<0.6	<0.6	<0.92	<0.64	<0.64
		3/7/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0565-2	20–29	5/12/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/1/2009	<0.5	<0.65	<0.44	<0.45	<0.5	<1
		12/2/2009	0.44J	0.66J	0.25J	<0.14	<0.16	<1
		3/13/2010	<0.4	0.54J	0.2J	<0.23	<0.16	<0.75
		9/20/2010	<0.4	0.48J	<0.15	<0.23	<0.16	<0.75
		3/8/2011	<0.1	0.55J	<0.15	<0.23	<0.16	<0.64
		9/22/2011	<0.4	<0.6	<0.6	<0.92	<0.64	<0.64
		3/7/2012	<0.1	0.34J	<0.15	<0.23	<0.16	2.3

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
0565-3	31–40	5/12/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/1/2009	<0.5	<0.65	<0.44	<0.45	<0.5	<1
		12/2/2009	<0.4	0.23J	<0.15	<0.14	<0.16	<1
		3/13/2010	<0.4	0.22J	<0.15	<0.23	<0.16	<0.75
		9/20/2010	<0.4	0.66J	0.27J	<0.23	<0.16	3.1
		3/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		9/22/2011	<0.4	<0.6	<0.6	<0.92	<0.64	<0.64
		3/7/2012	<0.1	0.31J	<0.15	<0.23	<0.16	<0.64
0566-1	10–19	5/13/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/9/2009	<0.5	<0.65	<0.44	<0.45	<0.5	<1
		12/2/2009	<0.4	<0.15	<0.15	<0.14	<0.16	<1
		3/15/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		9/20/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/9/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		9/23/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0566-2	21–30	5/13/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/9/2009	<0.5	<0.65	<0.44	<0.45	<0.5	<1
		12/3/2009	<0.4	<0.15	<0.15	<0.14	<0.16	<1
		3/15/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		9/20/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/9/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		9/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0566-3	32–41	5/13/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/9/2009	<0.5	<0.65	<0.44	<0.45	<0.5	<1
		12/3/2009	<0.4	<0.15	<0.15	<0.14	<0.16	<1
		3/15/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		9/20/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/9/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		9/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0567-1	9–18	10/8/2009	<0.5	<0.65	<0.44	<0.45	<0.5	<1
		12/7/2009	<0.4	<0.15	<0.15	<0.14	<0.16	<1
		3/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		9/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/12/2011	<0.1	<0.15	<0.15	<0.23	<0.16	1.3J
		9/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0567-2	20–29	10/8/2009	<0.5	<0.65	<0.44	<0.45	<0.5	<1
		12/7/2009	<0.4	<1.3	<0.15	<0.14	<0.16	<1
		3/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		9/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/12/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		9/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	0.72J
0567-3	31–40	10/8/2009	<0.5	<0.65	<0.44	<0.45	<0.5	<2
		12/7/2009	<0.4	<0.15	<0.15	<0.14	<0.16	<1
		3/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		9/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/12/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		9/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
0568-1	9–18	10/7/2009	<0.5	<0.65	<0.44	<0.45	<0.5	<1
		12/7/2009	<0.4	<0.15	<0.15	<0.14	<0.16	<1
		3/15/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		9/22/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		9/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/12/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0568-2	20–29	10/7/2009	<0.5	<0.65	<0.44	<0.45	<0.5	<2
		12/7/2009	<0.4	<1	<0.15	<0.14	<0.16	<1
		3/15/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		9/22/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/16/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		9/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	2.2J
		3/12/2012	<0.1	<0.15	<0.15	<0.23	<0.16	3
0568-3	31–40	10/7/2009	<0.5	<0.65	<0.44	<0.45	<0.5	<2
		12/7/2009	<0.4	<0.15	<0.15	<0.14	<0.16	<1
		3/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		9/22/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/16/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		9/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/12/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0569-1	9–18	10/6/2009	1.4	6.7	<0.44	<0.45	<0.5	<1
		12/4/2009	1.7	1.4	<0.15	<0.14	<0.16	<1
		3/15/2010	<0.4	0.24J	<0.15	<0.23	<0.16	<0.75
		9/21/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/14/2011	<0.1	<0.15	<0.15	<0.23	<0.16	0.8J
		9/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/8/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0569-2	20–29	10/6/2009	270	1,600	11	98	<0.5	3.1
		12/6/2009	200	1,400	11	75	<0.64	3.5
		3/15/2010	65	170	1.7	10	<0.16	<0.75
		9/21/2010	150J	290J	2.8J	9.7J	<0.32	<0.75
		3/14/2011	85	380	3.9	16	<0.32	1.4J
		9/26/2011	60	110	1.9	7.3	<0.16	2.5J
		3/12/2012	27	46	0.71J	1.8	<0.16	3.1
0569-3	31–40	10/7/2009	310	1,300	8.6	81	<0.5	3
		12/6/2009	260	1,100	8.6	53	<0.32	3
		3/15/2010	350	1,200	8.4	56	<0.8	<0.75
		9/21/2010	250	780	6.6	37	<0.32	<0.75
		3/14/2011	120	530	5.1	21	<0.32	2.3
		9/26/2011	110J	220J	2.8J	12J	<0.16	2.4J
		3/12/2012	77	210	2.7	10	<0.16	2.7
0570-1	9–18	3/30/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		9/21/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		9/26/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/8/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0570-2	20–29	3/30/2010	0.94J	<0.15	<0.15	<0.23	<0.16	<0.75
		9/21/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/11/2011	<0.1	<0.15	<0.15	<0.23	<0.16	0.64J
		9/26/2011	0.14J	<0.15	<0.15	<0.23	<0.16	0.83J
		3/8/2012	0.46J	<0.15	<0.15	<0.23	<0.16	<0.64

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
0570-3	31–40	3/30/2010	2.5	<0.15	<0.15	<0.23	<0.16	<0.75
		9/21/2010	3.1	<0.15	<0.15	<0.23	<0.16	<0.75
		3/11/2011	2.8	<0.15	<0.15	<0.23	<0.16	1.1J
		9/26/2011	3.3	<0.15	<0.15	<0.23	<0.16	1.5J
		3/8/2012	2.6	<0.15	<0.15	<0.23	<0.16	1.2J
0571-1	9–18	4/1/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		9/21/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/12/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		9/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/8/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0571-2	20–29	4/1/2010	<0.4	0.21J	<0.15	<0.23	<0.16	<0.75
		9/21/2010	<0.4	0.2J	<0.15	<0.23	<0.16	<0.75
		3/12/2011	<0.1	0.23J	<0.15	<0.23	<0.16	<0.64
		9/24/2011	<0.1	0.29J	<0.15	<0.23	<0.16	<0.64
		3/8/2012	<0.1	0.28J	<0.15	<0.23	<0.16	<0.64
0571-3	31–40	4/1/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		9/21/2010	<0.4	<0.15	<0.15	<0.23	<0.16	<0.75
		3/12/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		9/24/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/8/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0572-1	9–18	6/2/2011	1.6	0.72J	<0.15	<0.23	<0.16	<0.64
		9/21/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0572-2	20–29	6/2/2011	23	13	<0.15	<0.23	<0.16	2.2
		9/21/2011	13	8.8	<0.15	<0.23	<0.16	1.9J
		3/10/2012	20	37	0.35J	1.2	<0.16	2.2
0573-1	9–18	5/31/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		9/22/2011	<0.4	<0.6	<0.6	<0.92	<0.64	<0.64
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0573-2	20–29	5/31/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		9/22/2011	<0.4	<0.6	<0.6	<0.92	<0.64	<0.64
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0573-3	31–40	5/31/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		9/23/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0574-1	9–18	6/1/2011	2.1	0.74J	<0.15	<0.23	<0.16	0.78J
		9/21/2011	10	6.3	<0.15	<0.23	<0.16	<0.64
		3/7/2012	8.9	6.7	0.18J	<0.23	<0.16	2.8
0574-2	20–29	6/1/2011	14	11	<0.15	<0.23	<0.16	0.65J
		9/21/2011	14	13	0.34J	<0.23	<0.16	<0.64
		3/7/2012	21	21	0.34J	<0.23	<0.16	<0.64
0574-3	31–40	6/1/2011	<0.1	<0.15	<0.15	<0.23	<0.16	2
		9/21/2011	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
		3/7/2012	0.97J	0.78J	0.15J	<0.23	<0.16	<0.64
0575-1	9–18	6/1/2011	<0.1	<0.15	<0.15	<0.23	<0.16	2
		9/21/2011	<0.1	<0.15	<0.15	<0.23	<0.16	2.1J
		3/7/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
0575-2	20–29	6/1/2011	0.66J	<0.15	<0.15	<0.23	<0.16	1.3J
		9/21/2011	0.75J	<0.15	<0.15	<0.23	<0.16	3.5J
		3/7/2012	0.77J	<0.15	<0.15	<0.23	<0.16	0.81J
S29C	14–24	3/5/2007	9.4	0.72J	2.8	<0.45	<0.5	-
		9/13/2007	4.8	<0.65	<0.44	<0.45	<0.5	-

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
S30B	5–15	3/5/2007	1,100	8,700	510	140	1,400	-
		9/13/2007	2,100	6,000	330	120	350	-
		2/29/2008	980	2,900	190	66	62	-
		9/12/2008	600	1,700	98J	43	53	44
		3/20/2009	240	390	36	7.6	40	-
		3/12/2010	81	150	15	3.3	39B	-
		3/10/2011	29	30	4.6	0.69J	16	-
		3/9/2012	15	22	2.9	0.36J	11	-
S31B	5–15	3/5/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/13/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
S32B	5.5–15.5	3/5/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/13/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
S33C	11–21	3/5/2007	210	210	21	17	9.6	-
		9/13/2007	1,100	1,700	29	110	43	-
		2/29/2008	1,300	5,100	91	430	200	-
		9/12/2008	600	870	30	93	61	<0.54
		3/20/2009	490	1,100	63	70	140	-
		3/12/2010	590	1,000	20	54	76	-
		3/10/2011	410	720	44	39	150	-
		3/9/2012	220	800	39	29	130	-
S35B	5–15	3/5/2007	7,800	26,000	5,900	150	13,000	-
		9/13/2007	9,300	14,000	3,300	90	7,500	-
		2/29/2008	17,000	37,000	7,900	<220	14,000	-
		9/12/2008	17,000	36,000	6,500	<220	9,700	<0.54
		3/20/2009	8,200	20,000	4,100	220	5,800	-
		3/12/2010	8,700	37,000	5,900	790	10,000	-
		3/10/2011	15,000	52,000	6,400	1,500	13,000	-
		3/9/2012	7,400	21,000	2,400	480	3,200	-
S36B	5–15	3/5/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/13/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		2/29/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/20/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/12/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/10/2011	<0.1	0.17J	<0.15	<0.23	<0.16	-
		3/9/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
S37B	5–15	3/5/2007	9.7	5.4	<0.44	<0.45	<0.5	-
		9/13/2007	3.4	3.7	<0.44	<0.45	<0.5	-
S67B	10–19.83	3/6/2007	510	34J	7.5J	<0.45	<0.5	-
		9/17/2007	450	24	5.4	<0.45	<0.5	-
		2/27/2008	430	19	4.9	<0.45	<0.5	-
		9/15/2008	310	19	4.7	<0.45	<0.5	-
		3/25/2009	320	24	5.9	0.51J	<0.5	-
		3/17/2010	300	20	4.5	<0.46	<0.32	-
		3/10/2011	260	20	5	<0.46	<0.32	-
		9/23/2011	190	13	3.1	<0.23	<0.16	82
		3/12/2012	310	14	3.3	<0.23	<0.16	100

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
S67C	20–29.83	3/6/2007	120	290J	72J	5.9J	<0.5	-
		9/17/2007	130	190	39	2.8	<0.5	-
		2/27/2008	100	270	49	4.3	<0.5	-
		9/15/2008	160	210	35	2.5	<0.5	-
		3/25/2009	110	69	17	1.2	<0.5	-
		3/17/2010	140	130	26	1.9	<0.16	-
		3/10/2011	140	140	24	1.9	<0.16	-
		9/23/2011	86	110	21	1.3	<0.16	16
		3/12/2012	42	85	15	0.96J	<0.16	2.6
S67D	30–39.83	3/6/2007	83	100	19	3.5	<0.5	-
		9/17/2007	69	65	12	1	<0.5	-
		2/27/2008	40	39	9.6	0.78J	<0.5	-
		9/15/2008	44	29	7.8	0.53J	<0.5	-
		3/25/2009	28	22	6.7	<0.45	<0.5	-
		3/17/2010	27	17	5.6	<0.23	<0.16	-
		3/10/2011	18	13	4.7	0.23J	<0.16	-
		9/23/2011	15	9.8	3.8	<0.23	<0.16	2.8
		3/12/2012	12	6.1	2.5	<0.23	<0.16	2
S68B	10–20	3/16/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/19/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/5/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/10/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/30/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/10/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/13/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
S68C	18–28	3/16/2007	8.8	3.7	<0.44	<0.45	<0.5	-
		9/19/2007	10	4.2	<0.44	<0.45	<0.5	-
		3/5/2008	10	7	<0.44	<0.45	<0.5	-
		9/10/2008	15	10	<0.44	<0.45	<0.5	-
		3/30/2009	17	18	<0.44	<0.45	<0.5	-
		3/15/2010	4.5	2.8	<0.15	<0.23	<0.16	-
		3/10/2011	0.93J	<0.15	<0.15	<0.23	<0.16	-
		3/13/2012	2.6	0.59J	<0.15	<0.23	<0.16	-
S68D	30–40	3/2/2007	44	51	1.2	<0.45	<0.5	-
		9/19/2007	80	56	1.1	1	<0.5	-
		3/5/2008	75	90	1.7	0.56J	<0.5	-
		9/10/2008	110	110	1.8	<0.45	<0.5	-
		3/30/2009	72	91	1.7	<0.45	<0.5	-
		3/15/2010	43	54	0.94J	<0.23	<0.16	-
		3/10/2011	13	16	<0.15	<0.23	<0.16	-
		3/13/2012	10	10	<0.15	<0.23	<0.16	-
S69B	10–20	3/15/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/20/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/5/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/10/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/27/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/15/2010	<0.4	0.16J	<0.15	<0.23	<0.16	-
		3/10/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
S69C	20–30	3/15/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/20/2007	1	<0.65	<0.44	<0.45	<0.5	-
		3/5/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/11/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/27/2009	0.71J	<0.65	<0.44	<0.45	<0.5	-
		3/15/2010	<0.4	0.37J	<0.15	<0.23	<0.16	-
		3/10/2011	0.43J	0.98J	<0.15	<0.23	<0.16	-
		3/10/2012	<0.1	0.68J	0.23J	<0.23	<0.16	-
S69D	30–40	3/15/2007	<0.5	0.92J	<0.44	<0.45	<0.5	-
		9/20/2007	0.54J	<0.65	<0.44	<0.45	<0.5	-
		3/5/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/11/2008	0.74J	0.83J	<0.44	<0.45	<0.5	-
		3/27/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/15/2010	<0.4	0.7J	<0.15	<0.23	<0.16	-
		3/10/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/10/2012	<0.1	0.23J	<0.15	<0.23	<0.16	-
S70B	10–20	3/15/2007	20	18	0.72J	<0.45	<0.5	-
		9/20/2007	22	16	0.61J	<0.45	<0.5	-
		3/1/2008	13	19	0.72J	<0.45	1.3	-
		9/13/2008	15	15	0.79J	<0.45	<0.5	-
		3/27/2009	12	18	0.54J	<0.45	<0.5	-
		3/15/2010	11	16	0.5J	<0.23	<0.16	-
		3/9/2011	16	18	0.69J	<0.23	<0.16	-
		3/10/2012	7.8	12	0.36J	<0.23	<0.16	-
S70C	20–30	3/15/2007	21	25	10	0.98J	<0.5	-
		9/20/2007	35	25	11	1.5	<0.5	-
		3/1/2008	23	34	18	<0.45	2.3	-
		9/13/2008	27	26	14	0.83J	<0.5	-
		3/30/2009	25	32	13	0.79J	<0.5	-
		3/15/2010	11	18	5.2	0.39J	<0.16	-
		3/9/2011	6.9	12	2.3	<0.23	<0.16	-
		3/12/2012	21	24	9.1	0.51J	<0.16	-
S70D	30–40	3/15/2007	12	16	7.3	0.71J	<0.5	-
		9/20/2007	19	17	7.4	1.6	<0.5	-
		3/1/2008	12	35	11	<0.45	8	-
		9/13/2008	15	17	8.5	0.72J	<0.5	-
		3/30/2009	14	21	8.2	0.69J	<0.5	-
		3/15/2010	8	21	7.4	0.64J	<0.16	-
		3/9/2011	13	21	7.5	0.57J	<0.16	-
		3/12/2012	14	22	8.1	0.56J	<0.16	-
S71B	10–20	3/16/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/19/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/1/2008	<0.5	3.1	<0.44	<0.45	0.52J	-
		9/11/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/24/2009	<0.5	0.77J	<0.44	<0.45	<0.5	-
		3/12/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/10/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
S71C	20–30	3/5/2007	20	15	10	<0.45	<0.5	-
		3/16/2007	19	14	8.9	<0.45	<0.5	-
		9/19/2007	45	20	14	1.3	<0.5	-
		3/1/2008	34	28	23	<0.45	0.7J	-
		9/11/2008	33	21	13	<0.45	<0.5	-
		3/24/2009	39	21	17	0.46J	<0.5	-
		3/12/2010	12	6.3	3.9	<0.23	<0.16	-
		3/8/2011	12	5.2	2.7	0.41J	<0.16	-
		3/10/2012	22	8.8	4.4	<0.23	<0.16	-
S71D	30–40	9/19/2007	19	7.7	4.8	1	<0.5	-
		3/1/2008	13	10	7.2	<0.45	0.88J	-
		9/13/2008	16	8.8	5.2	<0.45	<0.5	-
		3/24/2009	14	8.3	5.9	<0.45	<0.5	-
		3/12/2010	25	14	8.5	0.3J	<0.16	-
		3/8/2011	34	30	15	0.87J	<0.16	-
		3/10/2012	40	28	14	0.47J	<0.16	-
S72B	10–20	3/13/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/19/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/5/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/15/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/23/2009	0.57J	<0.65	<0.44	<0.45	<0.5	-
		3/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/13/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
S72C	20–30	3/13/2007	0.86J	2.3	<0.44	1.6	<0.5	-
		9/19/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/5/2008	<0.5	0.82J	<0.44	0.53J	<0.5	-
		9/15/2008	<0.5	1.2	<0.44	0.5J	<0.5	-
		3/23/2009	2.1	1.7	<0.44	<0.45	<0.5	-
		3/16/2010	1.3	2.2	<0.15	0.91J	<0.16	-
		3/8/2011	0.71J	1.9	<0.15	0.71J	<0.16	-
		3/13/2012	<0.1	0.57J	<0.15	<0.23	<0.16	3.1
S72D	30–40	3/13/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/19/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/5/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/15/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/23/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/13/2012	<0.1	<0.15	<0.15	<0.23	<0.16	<0.64
S73B	10–20	3/14/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/19/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/4/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/11/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/24/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/10/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/12/2012	1.3	<0.15	<0.15	<0.23	<0.16	0.85J

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
S73C	20–30	3/14/2007	11	0.85J	3.5	<0.45	<0.5	-
		9/19/2007	18	<0.65	3.9	<0.45	<0.5	-
		3/4/2008	18	<0.65	4.8	<0.45	<0.5	-
		9/11/2008	16	<0.65	3.2	<0.45	<0.5	-
		3/24/2009	9.6	0.91J	2.3	<0.45	<0.5	-
		3/16/2010	5.4	0.21J	1.2	<0.23	<0.16	-
		3/10/2011	10	1.6	3.1	<0.23	<0.16	-
		3/12/2012	130	21	13	0.26J	<0.16	98
S73D	30–40	3/13/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/19/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/4/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/11/2008	<0.5	<0.65	<0.44	<0.45	<0.5	<2.7
		3/27/2009	<0.5	0.95J	<0.44	<0.45	<0.5	-
		3/16/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/8/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/12/2012	<0.1	<0.15	<0.15	<0.23	<0.16	5.2
TE03	–	3/3/2007	5	<0.65	<0.44	<0.45	<0.5	-
PIN21								
0502	7–17	3/14/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/19/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/4/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/16/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/24/2009	0.97J	2.1	<0.44	<0.45	<0.5	-
		9/9/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/10/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/12/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
0503	20–28	3/14/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/19/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/4/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/15/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/30/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/9/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/10/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/9/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
0504	7–17	3/14/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/18/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/1/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/16/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/24/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/9/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/10/2011	<0.1	0.38J	<0.15	<0.23	<0.16	-
		9/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/9/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-

Table 9 (continued). Building 100 Area Monitoring Well Results Since 2007

Location Code	Screen Depth (ft)	Date Sampled	VC	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	TCE	1,4-Dioxane
0505	20–28	3/14/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/18/2007	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/1/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/16/2008	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/24/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		9/9/2009	<0.5	<0.65	<0.44	<0.45	<0.5	-
		3/18/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		9/17/2010	<0.4	<0.15	<0.15	<0.23	<0.16	-
		3/10/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		9/27/2011	<0.1	<0.15	<0.15	<0.23	<0.16	-
		3/9/2012	<0.1	<0.15	<0.15	<0.23	<0.16	-
0512	20–29.5	3/2/2007	7.7	6.1	<0.44	<0.45	<0.5	-
		9/19/2007	14	5.9	<0.44	<0.45	<0.5	-
		9/10/2008	13	7.6	<0.44	<0.45	<0.5	-
	–	3/9/2012	1	0.57J	<0.15	<0.23	<0.16	-

Notes:
- = not analyzed for 1,4-dioxane
J = estimated value

Table 10. Monitoring Well Completion Information

ID	Screen Interval (ft bls)	Casing Diameter (inches)	Date Established	Decommissioned Date
PIN06-0500	3–13	2	4/23/1989	-
PIN06-0501	3–13	2	4/23/1989	10/27/2011
PIN09-0500	3–13	2	4/23/1990	10/27/2011
PIN10-0500	3–13	2	4/27/1990	10/27/2011
PIN12-0509	3–13	2	4/25/1990	-
PIN12-0510	3–13	2	4/23/1990	12/2/2008
PIN12-0513	15–25	2	5/9/1995	11/1/2011
PIN12-0514	30–40	2	5/9/1995	11/1/2011
PIN12-0515	15–25	2	5/10/1995	-
PIN12-0516	30–40	2	5/10/1995	-
PIN12-0517	15–25	2	5/11/1995	-
PIN12-0518	30–40	2	5/11/1995	-
PIN12-0520	36–46	2	5/2/1995	-
PIN12-0521	19.5–29.5	2	5/5/1995	-
PIN12-0522	32–42	2	5/3/1995	10/27/2011
PIN12-0523	18–28	2	5/5/1995	10/27/2011
PIN12-0524	27–37	2	5/12/1995	-
PIN12-0525	12–22	2	5/12/1995	-
PIN12-0526	19.5–29.5	2	10/14/1998	11/1/2011
PIN12-0527	118–137.9	2	8/25/1999	-
PIN12-0528	127–146.9	2	5/1/2000	-
PIN12-0529	10–20	1	10/8/2007	5/27/2011
PIN12-0530	19.5–29.5	1	10/8/2007	5/27/2011
PIN12-0531	10–20	1	10/9/2007	5/27/2011
PIN12-0532	20–30	1	10/9/2007	5/27/2011
PIN12-0533	10–20	1	10/9/2007	5/27/2011
PIN12-0534	20–30	1	10/9/2007	5/27/2011
PIN12-0535	10–20	1	10/9/2007	5/27/2011
PIN12-0536	20–30	1	10/9/2007	5/27/2011
PIN12-0537	10–20	1	10/10/2007	10/24/2011
PIN12-0538	20–30	1	10/10/2007	10/24/2011
PIN12-0539	9.5–19.5	1	10/10/2007	-
PIN12-0540	20–30	1	10/10/2007	-
PIN12-0541	10–20	1	10/10/2007	-
PIN12-0542	20–30	1	10/10/2007	-
PIN12-0543	28–38	1	12/10/2007	5/27/2011
PIN12-0544	30–40	1	12/11/2007	5/27/2011
PIN12-0545	29.5–39.5	1	12/11/2007	5/27/2011
PIN12-0546	29.5–39.5	1	12/11/2007	5/27/2011
PIN12-0547	29.5–39.5	1	12/12/2007	10/24/2011
PIN12-0548	30–40	1	12/12/2007	3/19/2012
PIN12-0549	30–40	1	12/11/2007	-
PIN12-0550-1	9–18	0.375	2/14/2008	-
PIN12-0550-2	20–29	0.375	2/14/2008	-
PIN12-0550-3	31–40	0.375	2/14/2008	-
PIN12-0551-1	9–18	0.375	2/14/2008	-
PIN12-0551-2	20–29	0.375	2/14/2008	-
PIN12-0551-3	31–40	0.375	2/14/2008	-
PIN12-0552-1	9–18	0.375	2/15/2008	3/19/2012
PIN12-0552-2	20–29	0.375	2/15/2008	3/19/2012
PIN12-0552-3	31–40	0.375	2/15/2008	3/19/2012
PIN12-0553A	3–13	1	6/14/2008	
PIN12-0553B	13–23	1	6/14/2008	-
PIN12-0553C	23–33	1	6/14/2008	-
PIN12-0554A	3–13	1	5/31/2008	-

Table 10 (continued). Monitoring Well Completion Information

ID	Screen Interval (ft bls)	Casing Diameter (inches)	Date Established	Decommissioned Date
PIN12-0554B	13–23	1	5/31/2008	-
PIN12-0554C	23–33	1	5/31/2008	-
PIN12-0555A	2.5–12.5	1	6/7/2008	-
PIN12-0555B	13–23	1	6/7/2008	-
PIN12-0555C	23–33	1	6/7/2008	-
PIN12-0556A	3–13	1	6/22/2008	10/31/2011
PIN12-0556B	13–23	1	6/1/2008	10/31/2011
PIN12-0556C	23–33	1	6/7/2008	10/31/2011
PIN12-0557A	3–13	1	6/1/2008	10/31/2011
PIN12-0557B	13–23	1	6/1/2008	10/31/2011
PIN12-0557C	23–33	1	6/1/2008	10/31/2011
PIN12-0558A	3–13	1	6/8/2008	10/31/2011
PIN12-0558B	13–23	1	6/22/2008	10/31/2011
PIN12-0558C	23–33	1	6/8/2008	10/31/2011
PIN12-0559-1	9–18	0.375	11/23/2008	-
PIN12-0559-2	20–29	0.375	11/23/2008	-
PIN12-0559-3	31–40	0.375	11/23/2008	-
PIN12-0560-1	9–18	0.375	11/22/2008	-
PIN12-0560-2	20–29	0.375	11/22/2008	-
PIN12-0560-3	31–40	0.375	11/22/2008	-
PIN12-0561-1	9–18	0.375	11/22/2008	-
PIN12-0561-2	20–29	0.375	11/22/2008	-
PIN12-0561-3	31–40	0.375	11/22/2008	-
PIN12-0562-1	9–18	0.375	11/24/2008	-
PIN12-0562-2	20–29	0.375	11/24/2008	-
PIN12-0562-3	31–40	0.375	11/24/2008	-
PIN12-0563-1	9–18	0.375	11/21/2008	-
PIN12-0563-2	20–29	0.375	11/21/2008	-
PIN12-0563-3	31–40	0.375	11/21/2008	-
PIN12-0564-1	9–18	0.375	5/5/2009	-
PIN12-0564-2	20–29	0.375	5/5/2009	-
PIN12-0564-3	31–40	0.375	5/5/2009	-
PIN12-0565-1	9–18	0.375	5/5/2009	-
PIN12-0565-2	20–29	0.375	5/5/2009	-
PIN12-0565-3	31–40	0.375	5/5/2009	-
PIN12-0566-1	10–19	0.375	5/6/2009	-
PIN12-0566-2	21–30	0.375	5/6/2009	-
PIN12-0566-3	32–41	0.375	5/6/2009	-
PIN12-0567-1	9–18	0.375	9/23/2009	-
PIN12-0567-2	20–29	0.375	9/23/2009	-
PIN12-0567-3	31–40	0.375	9/23/2009	-
PIN12-0568-1	9–18	0.375	9/23/2009	-
PIN12-0568-2	20–29	0.375	9/23/2009	-
PIN12-0568-3	31–40	0.375	9/23/2009	-
PIN12-0569-1	9–18	0.375	9/22/2009	-
PIN12-0569-2	20–29	0.375	9/22/2009	-
PIN12-0569-3	31–40	0.375	9/22/2009	-
PIN12-0570-1	9–18	0.375	3/22/2010	-
PIN12-0570-2	20–29	0.375	3/22/2010	-
PIN12-0570-3	31–40	0.375	3/22/2010	-
PIN12-0571-1	9–18	0.375	3/23/2010	-
PIN12-0571-2	20–29	0.375	3/23/2010	-
PIN12-0571-3	31–40	0.375	3/23/2010	-
PIN12-0572-1	9–18	0.375	5/24/2011	-
PIN12-0572-2	20–29	0.375	5/24/2011	-
PIN12-0572-3	31–40	0.375	5/24/2011	-

Table 10 (continued). Monitoring Well Completion Information

ID	Screen Interval (ft bls)	Casing Diameter (inches)	Date Established	Decommissioned Date
PIN12-0573-1	9–18	0.375	5/25/2011	-
PIN12-0573-2	20–29	0.375	5/25/2011	-
PIN12-0573-3	31–40	0.375	5/25/2011	-
PIN12-0574-1	9–18	0.375	5/25/2011	-
PIN12-0574-2	20–29	0.375	5/25/2011	-
PIN12-0574-3	31–40	0.375	5/25/2011	-
PIN12-0575-1	9–18	0.375	5/26/2011	-
PIN12-0575-2	20–29	0.375	5/26/2011	-
PIN12-0575-3	31–40	0.375	5/26/2011	-
PIN12-RW01	19–29	6	7/6/1995	-
PIN12-RW02	25–35	6	7/7/1995	-
PIN12-RW03	3–38	4	9/25/2008	-
PIN12-S29C	14–24	2	5/1/1995	-
PIN12-S30B	5–15	2	5/1/1995	-
PIN12-S31B	5–15	2	5/1/1995	-
PIN12-S32B	5.5–15.5	2	5/1/1995	-
PIN12-S33C	11–21	2	7/1/1995	-
PIN12-S35B	5–15	2	7/1/1995	-
PIN12-S36B	5–15	2	7/1/1995	-
PIN12-S37B	5–15	2	7/1/1995	-
PIN12-S67B	10–19.83	1	9/6/2001	-
PIN12-S67C	20–29.83	1	9/6/2001	-
PIN12-S67D	30–39.83	1	9/6/2001	-
PIN12-S68B	10–20	1	3/19/2002	-
PIN12-S68C	18–28	1	3/19/2002	-
PIN12-S68D	30–40	1	3/19/2002	-
PIN12-S69B	10–20	1	3/20/2002	-
PIN12-S69C	20–30	1	3/20/2002	-
PIN12-S69D	30–40	1	3/20/2002	-
PIN12-S70B	10–20	1	3/19/2002	-
PIN12-S70C	20–30	1	3/19/2002	-
PIN12-S70D	30–40	1	3/19/2002	-
PIN12-S71B	10–20	1	3/19/2002	-
PIN12-S71C	20–30	1	3/19/2002	-
PIN12-S71D	30–40	1	3/19/2002	-
PIN12-S72B	10–20	1	3/19/2002	-
PIN12-S72C	20–30	1	3/19/2002	-
PIN12-S72D	30–40	1	3/19/2002	-
PIN12-S73B	10–20	1	3/20/2002	-
PIN12-S73C	20–30	1	3/20/2002	-
PIN12-S73D	30–40	1	3/20/2002	-
PIN12-TE03	unknown	2	11/1/1985	11/1/2011
PIN21-0502	7–17	2	8/12/1991	-
PIN21-0503	20–28	2	8/13/1991	-
PIN21-0504	7–17	2	8/13/1991	-
PIN21-0505	20–28	2	8/13/1991	-
PIN21-0512	20-29.5	2	10/13/1998	-

- = existing well

Table 11. Building 100 Area Field Data, September 2011

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmhos/cm)[a]	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
PIN12							
0524	27–37	26.7	1,461	7	6.55	-42	0.5
0525	12–22	27.8	724	4	6.75	-85	0.6
0537	10–20	30.8	1,033	7	6.60	-75	0.4
0538	20–30	30.0	1,056	7	6.59	-65	0.5
0539	9.5–19.5	30.6	641	11	6.62	-59	0.3
0540	20–30	29.4	1,346	10	6.52	-67	0.4
0541	10–20	30.6	702	11	6.59	-59	0.8
0542	20–30	29.9	832	6	6.62	-65	0.5
0547	29.5–39.5	30.1	1,366	20	6.61	-46	0.6
0548	30–40	29.2	1,877	12	6.48	-64	0.4
0549	30–40	29.1	1,441	18	6.63	-42	0.3
0550-1	9–18	29.8	1,123	4	6.50	-62	1.0
0550-2	20–29	29.4	1,294	8	6.47	-54	1.0
0550-3	31–40	29.1	1,421	3	6.60	-37	1.9
0551-1	9–18	30.6	781	25	6.60	-65	1.0
0551-2	20–29	31.4	1,090	12	6.54	-49	1.2
0551-3	31–40	33.3	1,404	72	6.97	-35	4.5
0552-1	9–18	28.4	1,105	12	6.64	-47	1.1
0552-2	20–29	28.4	1,107	4	6.63	-44	1.0
0552-3	31–40	29.3	1,401	3	6.61	-63	1.0
0553A	3–13	30.6	1,092	9	6.44	-28	0.6
0553B	13–23	28.7	1,170	10	6.45	-56	0.3
0553C	23–33	28.1	692	11	6.66	-59	1.2
0554A	3–13	29.0	982	9	6.32	-18	0.5
0554B	13–23	27.7	663	11	6.62	-39	1.2
0554C	23–33	27.6	827	17	6.71	-66	0.5
0555A	2.5–12.5	29.2	815	4	6.46	-78	0.4
0555B	13–23	27.9	428	11	6.94	-82	0.4
0555C	23–33	26.9	552	13	6.72	-60	1.0
0561-1	9–18	29.6	487	2	6.93	-28	1.1
0561-2	20–29	27.6	631	8	6.82	-59	0.4
0561-3	31–40	27.8	1,187	11	6.65	-11	0.4
0562-1	9–18	25.2	1,126	3	6.66	-44	1.2
0562-2	20–29	26.3	1,763	4	6.74	18	0.6
0562-3	31–40	26.5	606	8	6.88	-87	0.4
0563-1	9–18	26.3	1,132	9	6.68	-29	1.3
0563-2	20–29	26.4	1,651	6	6.71	-35	1.0
0563-3	31–40	27.3	656	11	6.87	-88	1.0
0564-1	9–18	31.5	1,483	3	6.49	-56	1.2
0564-2	20–29	31.0	1,441	2	6.49	-98	0.9
0564-3	31–40	32.4	1,202	-	6.68	-67	-
0565-1	9–18	30.0	1,199	-	6.64	-49	-
0565-2	20–29	29.8	1,257	1	6.58	-42	1.3
0565-3	31–40	29.7	1,541	1	6.52	-20	2.9
0566-1	10–19	31.2	748	2	6.43	-67	1.1
0566-2	21–30	28.1	738	2	6.54	-63	1.1
0566-3	32–41	28.2	1,094	1	6.70	-74	1.1
0567-1	9–18	28.1	1,789	1	6.62	-68	1.3
0567-2	20–29	27.9	822	3	6.72	-76	1.1

Table 11 (continued). Building 100 Area Field Data, September 2011

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmhos/cm)[a]	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
0567-3	31–40	28.0	1,112	9	6.70	-50	1.1
0568-1	9–18	30.3	2,371	5	6.52	-74	1.1
0568-2	20–29	28.9	1,300	5	6.66	-89	1.0
0568-3	31–40	26.7	1,938	9	6.52	-51	1.0
0569-1	9–18	27.7	1,805	6	6.76	-57	1.1
0569-2	20–29	28.7	1,190	4	6.64	-57	1.3
0569-3	31–40	28.5	1,336	2	6.64	-57	1.1
0570-1	9–18	29.9	1,845	2	6.51	-58	1.4
0570-2	20–29	29.9	1,660	3	6.58	-60	1.0
0570-3	31–40	30.2	1,432	4	6.61	-64	1.0
0571-1	9–18	30.6	1,337	-	6.52	-63	1.0
0571-2	20–29	29.6	1,249	2	6.52	-66	1.1
0571-3	31–40	28.4	1,337	13	6.50	-68	0.8
0572-1	9–18	28.1	1,558	4	6.52	-76	0.9
0572-2	20–29	28.2	1,063	1	6.64	-63	1.1
0573-1	9–18	32.8	1,535	10	6.54	-74	1.2
0573-2	20–29	31.8	1,124	1	6.56	-74	1.2
0573-3	31–40	28.9	1,594	1	6.67	-78	1.0
0574-1	9–18	31.3	1,223	2	6.64	-72	1.5
0574-2	20–29	29.8	1,258	2	6.56	-54	0.8
0574-3	31–40	29.7	1,634	1	6.62	-56	0.8
0575-1	9–18	30.8	1,291	-	6.65	-68	1.3
0575-2	20–29	31.1	1,485	6	6.59	-50	0.9
S67B	10–19.83	27.2	1,076	20	6.68	-36	1.2
S67C	20–29.83	26.6	876	65	6.65	-52	0.8
S67D	30–39.83	25.8	1,001	175	6.62	-53	0.7
PIN21							
0502	7–17	27.9	464	12	6.97	-60	0.2
0503	20–28	26.3	787	9	6.65	-62	0.5
0504	7–17	26.6	607	6	6.85	-60	0.2
0505	20–28	25.4	916	4	6.68	-1	0.4

Notes:
[a] Temperature corrected to 25 °C

Abbreviations:
– = not measured
µmhos/cm = micromhos per centimeter
mg/L = milligrams per liter
mV = millivolts
NTU = nephelometric turbidity units

Table 12. Building 100 Area Field Data, March 2012

Well	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmhos/cm)[a]	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
PIN06							
0500	3–13	24.6	603	1	6.68	15	1.0
PIN12							
0509	3–13	22.6	698	9	6.89	-85	0.8
0515	15–25	25.1	640	3	6.84	-78	1.0
0516	30–40	25.0	1,588	2	6.77	-103	1.2
0517	15–25	26.0	568	6	7.10	-94	0.8
0518	30–40	25.7	674	6	6.80	-12	1.1
0521	19.5–29.5	25.8	621	7	6.69	-59	1.0
0524	27–37	25.0	1,425	3	6.63	-47	1.4
0525	12–22	24.9	712	18	6.83	-70	1.1
0527	118–137.9	26.6	1,643	2	6.97	-154	1.2
0528	127–146.9	24.8	1,242	1	6.95	-234	1.0
0539	9.5–19.5	25.8	1,030	8	6.65	-82	1.2
0540	20–30	27.2	1,361	4	6.58	-80	1.7
0541	10–20	25.9	971	28	6.54	-66	1.4
0542	20–30	27.6	756	5	6.63	-66	1.4
0548	30–40	27.8	1,811	13	6.54	-66	1.8
0549	30–40	27.6	1,336	12	6.66	-64	1.5
0550-1	9–18	25.3	1,196	3	6.70	-21	1.0
0550-2	20–29	25.5	1,257	7	6.74	-21	1.0
0550-3	31–40	26.5	1,385	2	6.87	-6	1.1
0551-1	9–18	22.6	1,026	13	6.60	-22	0.8
0551-2	20–29	24.5	1,028	17	6.65	-22	0.6
0553A	3–13	26.2	1,255	13	6.42	6	1.5
0553B	13–23	27.2	1,251	11	6.47	-33	1.3
0553C	23–33	26.8	693	9	6.71	-46	2.1
0554A	3–13	26.2	628	13	6.54	-14	1.1
0554B	13–23	27.1	627	14	6.69	-43	1.1
0554C	23–33	27.4	824	16	6.73	-67	0.9
0555A	2.5–12.5	24.6	370	11	6.63	-55	1.0
0555B	13–23	26.0	336	13	7.08	-65	0.7
0555C	23–33	26.4	518	14	6.76	-70	0.9
0559-1	9–18	23.3	1,518	7	6.75	-67	1.4
0559-2	20–29	23.9	1,741	8	6.78	-35	1.5
0559-3	31–40	23.4	1,126	19	6.71	-44	1.5
0560-1	9–18	23.9	699	9	6.82	-62	1.3
0560-2	20–29	24.5	686	5	6.75	-54	1.3
0560-3	31–40	25.1	908	12	6.76	-40	1.3
0561-1	9–18	23.5	489	3	7.02	-23	0.9
0561-2	20–29	24.0	605	2	6.88	-35	1.2
0561-3	31–40	24.2	1,209	4	6.72	-6	1.4
0562-1	9–18	26.7	902	2	6.77	-65	1.6
0562-2	20–29	27.1	1,689	8	6.78	-41	1.7
0562-3	31–40	26.2	602	13	6.91	-80	1.4
0563-1	9–18	26.0	1,092	2	6.71	-43	1.5
0563-2	20–29	25.5	1,536	4	6.74	-76	1.5
0563-3	31–40	24.9	621	10	7.00	-91	1.1
0564-1	9–18	23.1	1,576	1	6.62	-32	1.0
0564-2	20–29	24.2	1,517	0	6.66	-36	0.9

Table 12 (continued). Building 100 Area Field Data, March 2012

Well	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmhos/cm)[a]	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
0564-3	31–40	24.7	1,494	2	6.69	-22	1.3
0565-1	9–18	26.5	1,029	3	6.79	-34	0.9
0565-2	20–29	27.1	1,080	1	6.77	-39	0.9
0565-3	31–40	28.3	1,467	4	6.65	-49	0.8
0567-1	9–18	23.7	1,823	4	6.72	46	1.2
0567-2	20–29	23.9	853	2	6.85	-9	1.4
0567-3	31–40	23.8	1,009	10	6.87	22	1.5
0568-1	9–18	22.0	1,896	5	6.61	15	1.0
0568-2	20–29	21.9	1,239	4	6.71	-33	1.1
0568-3	31–40	22.2	1,888	6	6.58	3	1.0
0569-1	9–18	25.9	1,685	8	6.92	-13	0.9
0569-2	20–29	24.3	1,123	6	6.77	-53	0.8
0569-3	31–40	25.3	1,258	4	6.80	-16	0.9
0570-1	9–18	27.9	1,851	7	6.82	-38	0.8
0570-2	20–29	30.3	1,371	8	6.84	-41	1.1
0570-3	31–40	28.1	1,431	7	6.74	-56	0.8
0571-1	9–18	23.5	1,311	9	6.66	-38	0.8
0571-2	20–29	24.6	1,200	2	6.68	-36	0.9
0571-3	31–40	24.9	1,269	14	6.66	-39	0.8
0572-1	9–18	22.2	1,521	4	6.70	-15	1.6
0572-2	20–29	23.4	1,032	3	6.76	-29	0.7
0573-1	9–18	23.5	1,462	8	6.57	-23	0.8
0573-2	20–29	23.8	1,108	2	6.67	-34	0.8
0573-3	31–40	23.3	1,516	2	6.74	-25	0.7
0574-1	9–18	26.7	1,259	6	6.81	-58	1.0
0574-2	20–29	27.3	1,208	1	6.76	-64	0.8
0574-3	31–40	26.8	1,445	1	6.74	-51	0.8
0575-1	9–18	24.0	1,179	4	6.81	-71	0.7
0575-2	20–29	24.6	1,391	5	6.73	-27	0.8
S30B	5–15	22.1	1,268	12	7.04	-75	0.5
S33C	11–21	22.2	651	25	6.82	-6	0.5
S35B	5–15	22.7	1,829	6	6.49	84	0.8
S36B	5–15	22.6	760	8	6.37	-14	0.9
S67B	10–19.83	22.0	1,059	14	6.74	-16	1.4
S67C	20–29.83	22.1	820	17	6.67	-30	0.9
S67D	30–39.83	22.2	965	11	6.75	-45	0.8
S68B	10–20	22.9	768	16	6.79	-51	1.3
S68C	18–28	24.9	968	7	6.69	-29	1.3
S68D	30–40	25.0	1,252	1	6.64	-28	1.3
S69B	10–20	25.9	660	15	6.87	-76	1.4
S69C	20–30	27.4	789	7	6.75	-37	1.4
S69D	30–40	27.8	1,519	6	6.67	-12	1.9
S70B	10–20	26.6	948	17	6.82	-32	1.2
S70C	20–30	26.5	1,344	6	6.65	-51	1.5
S70D	30–40	26.5	1,500	54	6.63	-41	1.4
S71B	10–20	25.5	813	13	6.72	-71	1.2
S71C	20–30	27.1	1,158	4	6.64	-53	1.3
S71D	30–40	27.4	1,499	2	6.64	-47	1.4
S72B	10–20	26.4	1,800	10	6.05	-25	1.7
S72C	20–30	27.0	796	7	6.58	-54	1.5
S72D	30–40	27.7	1,408	6	6.69	1	1.4

Table 12 (continued). Building 100 Area Field Data, March 2012

Well	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmhos/cm)[a]	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
S73B	10–20	26.4	841	20	6.52	-138	1.7
S73C	20–30	28.1	1,559	10	6.53	-73	1.8
S73D	30–40	28.6	1,871	12	6.37	-50	1.9
PIN21							
0502	7–17	23.0	542	4	6.99	-28	0.8
0503	20–28	25.0	762	16	6.70	-74	0.9
0504	7–17	22.7	555	9	6.88	-69	1.0
0505	20–28	23.8	878	6	6.72	-70	1.1
0512	–	24.6	859	16	6.73	-67	1.1

Notes:
[a] Temperature corrected to 25 °C

Abbreviations:
– = not measured
µmhos/cm = micromhos per centimeter
mg/L = milligrams per liter
mV = millivolts
NTU = nephelometric turbidity units

Table 13. Additional Groundwater Quality Data

Site Code	Well	Date Sampled	Carbon Dioxide (mg/L)	*Dehalococcoides ethenogenes* (cells/L)	Ethane (µg/L)	Ethene (µg/L)	Hydrogen (nmol/L)	Methane (µg/L)
PIN12	0514	10/6/2005	120	NM	0.2	2	1.5	9,600
		3/13/2006	140	9×10^6	0.11	0.54	1.8	3,500
		9/9/2006	150	5×10^7	0.083	0.5	1.8	6,600
	0524	10/10/2005	120	1.4×10^7	0.33	19	0.75	4,200
		3/10/2006	160	2×10^6	0.19	13	1.4	1,200
		9/9/2006	160	5×10^6	0.064	9.3	1.4	910
		3/5/2007	NM	5×10^5	0.68	19	NM	5,600
	0526	10/10/2005	280	4.1×10^4	<0.01	<0.01	180	4,500
		3/9/2006	270	$<1 \times 10^4$	0.009J	0.011	1.4	1,700
		9/9/2006	330	1×10^3J	0.004J	<0.01	5.1	8,200
	S35B	10/7/2005	150	1.7×10^6	120	1,200	0.83	3,100
		3/9/2006	200	$<2 \times 10^4$	190	1,600	1.2	4,000
		9/12/2006	180	9×10^2	85	1,100	1.4	2,700
		3/5/2007	NM	3×10^3J	230	1,000	NM	4,400
	S68D	3/2/2007	NM	$<5 \times 10^3$	0.42	1	NM	2,300
	S71C	3/5/2007	NM	$<2 \times 10^4$	0.72	0.47	NM	1,600
	S73C	10/7/2005	220	1.2×10^6	0.021	0.48	7.5	7,400
		3/10/2006	280	3×10^6	0.11	0.43	2.5	9,500
		9/9/2006	300	2×10^7	<0.01	0.25	66	8,300
PIN21	0512	3/2/2007	NM	$<7 \times 10^3$	0.51	0.29	NM	630

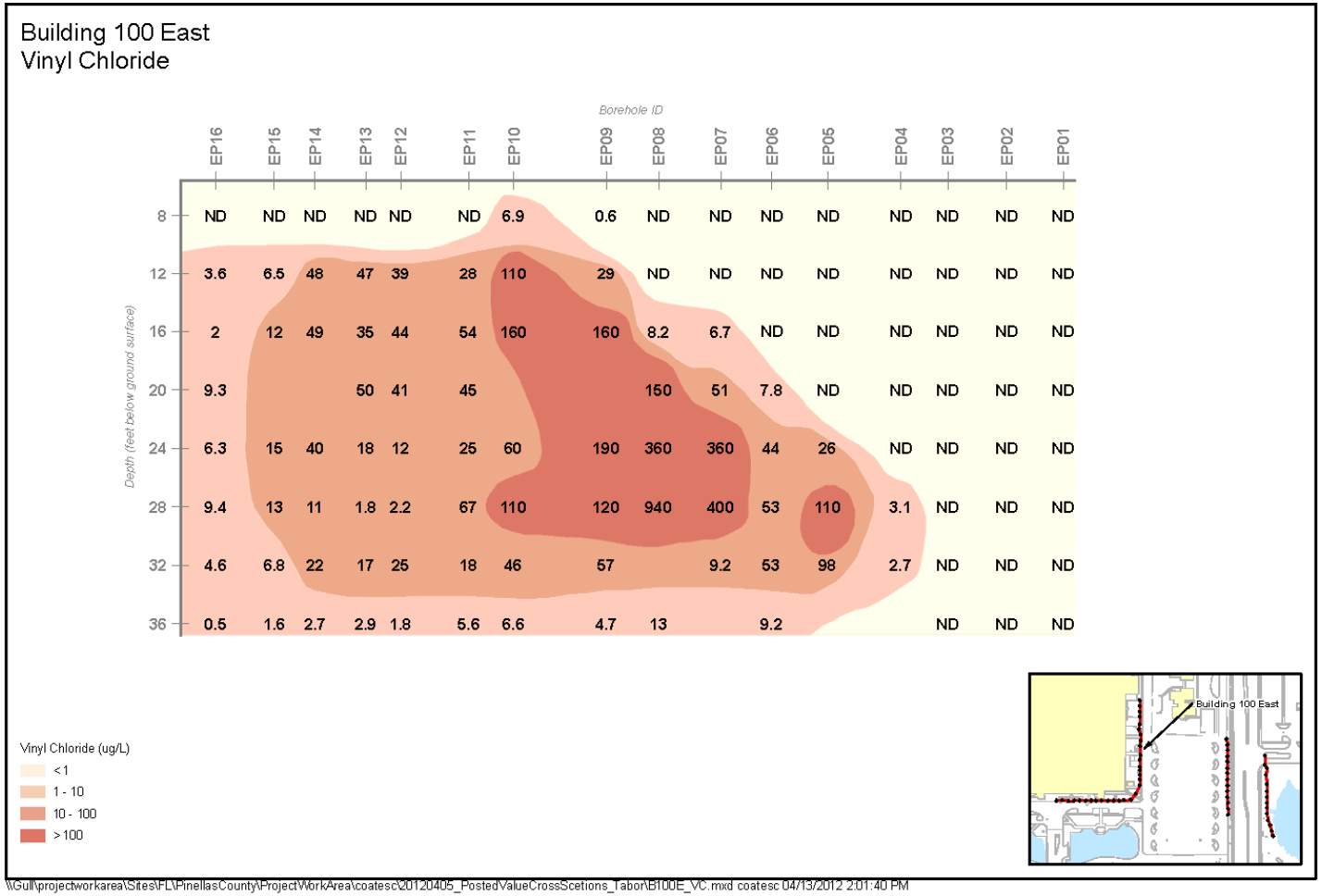
Abbreviations:
µg/L = micrograms per liter
mg/L = milligrams per liter
nmol/L = nanomoles per liter
NM = not measured
J = estimated value

This page intentionally left blank

Appendix A

Contaminant Concentration Cross-Sections

This page intentionally left blank



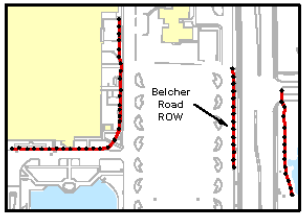
\\Gull\projectworkarea\Sites\FL\PinellasCounty\ProjectWorkArea\coatesc\20120405_PostedValueCrossSections_Tabor\B100E_VC.mxd coatesc 04/13/2012 2:01:40 PM

Belcher Road ROW
Vinyl Chloride

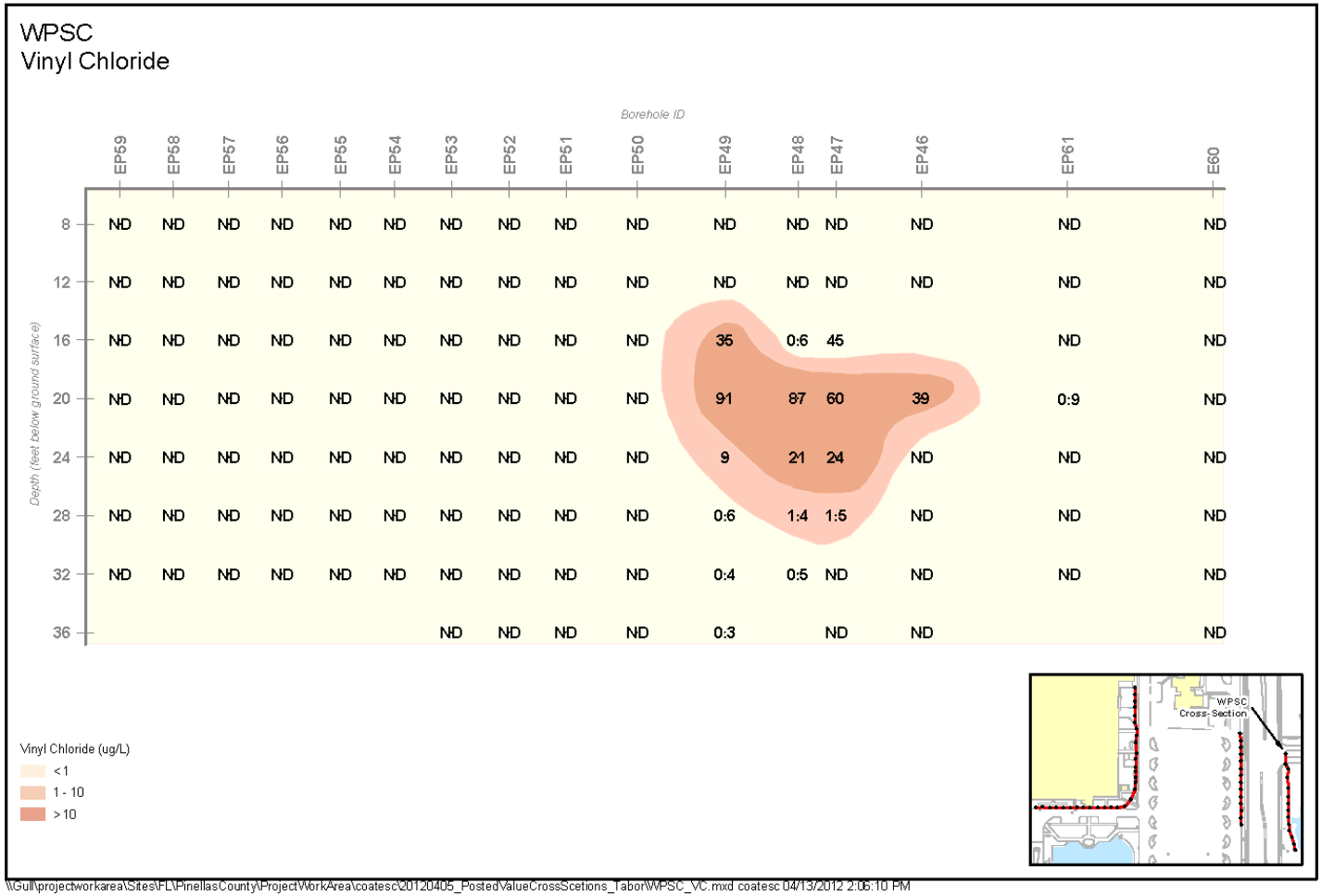
Borehole ID

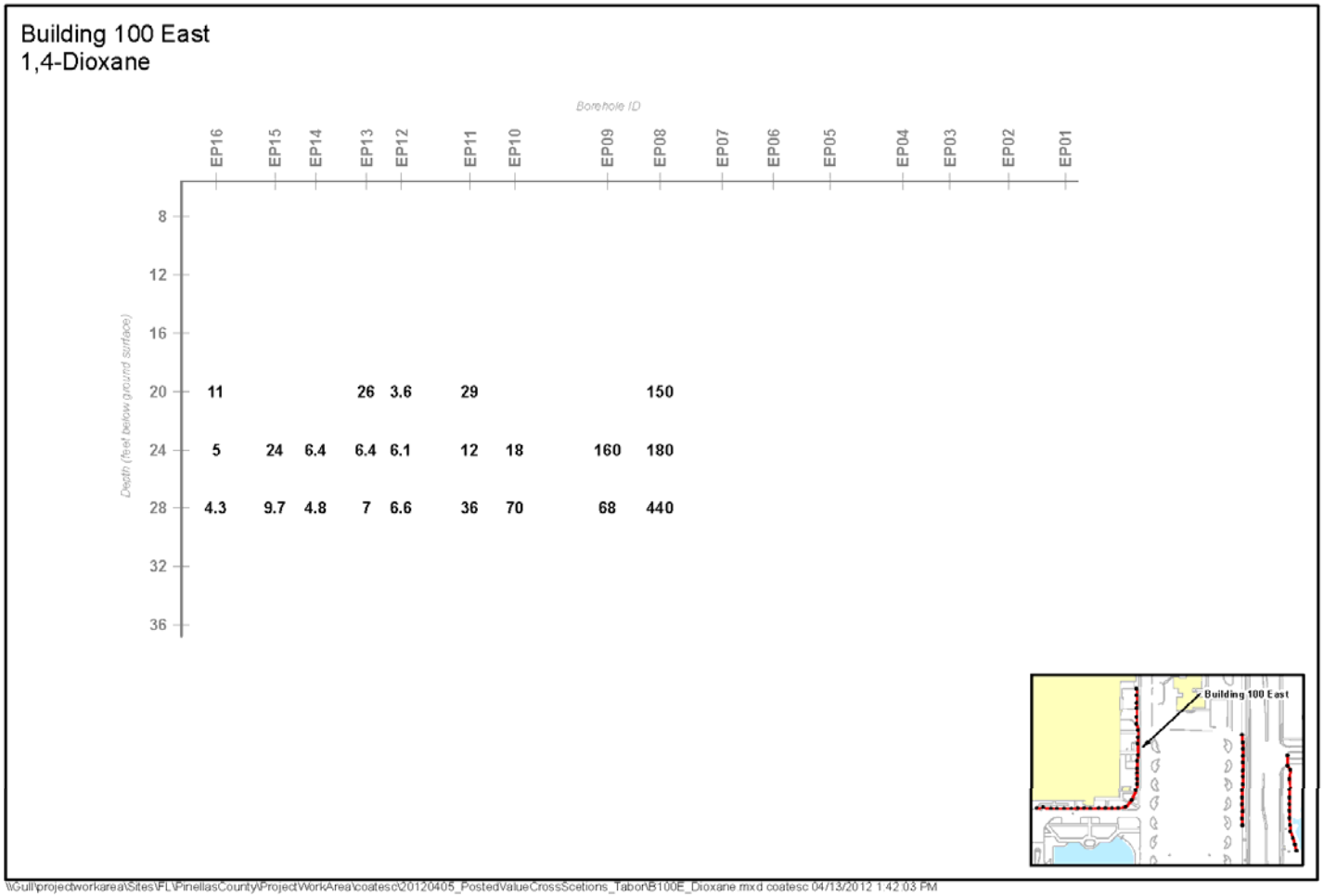
Depth (feet below ground surface)	EP45	EP44	EP43	EP42	EP41	EP40	EP39	EP38	EP37	EP36	EP35	EP34	EP33	EP32
8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	ND		ND		ND	ND	0.5	ND	ND	ND	ND	ND	ND	ND
20	ND	0.4	0.9	ND	15	50	32	47	18	12		ND	ND	ND
24	0.43	0.5	1.6	2.9	230	260	170	83	130	38	6.3	0.6	ND	ND
28	ND	ND	0.17	3.4	32	16	21	27	50	44	3.8	1.2		ND
32	ND	ND	ND	0.21		3.1	3.2	2.8	3	1.6	ND	ND		ND
36	ND	ND	ND	ND		4.2	1.1	1.1		ND	ND	ND		ND

Vinyl Chloride (ug/L)
- < 1
- 1 - 10
- 10 - 100
- > 100



\\Gull\projectworkarea\Sites\FL\PinellasCounty\ProjectWorkArea\coatesc\20120405_PostedValueCrossSections_Tabor\Belcher_VC.mxd coatesc 04/13/2012 1:52:16 PM


WPSC
Vinyl Chloride
Borehole ID
EP59 EP58 EP57 EP56 EP55 EP54 EP53 EP52 EP51 EP50 EP49 EP48 EP47 EP46 EP61 E60
Depth (feet below ground surface)
8 ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND
12 ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND
16 ND ND ND ND ND ND ND ND ND ND 35 0:6 45 ND ND
20 ND ND ND ND ND ND ND ND ND ND 91 87 60 39 0:9 ND
24 ND ND ND ND ND ND ND ND ND ND 9 21 24 ND ND ND
28 ND ND ND ND ND ND ND ND ND ND 0:6 1:4 1:5 ND ND ND
32 ND ND ND ND ND ND ND ND ND ND 0:4 0:5 ND ND ND ND
36 ND ND ND ND ND ND ND ND ND ND 0:3 ND ND ND
Vinyl Chloride (ug/L)
< 1
1 - 10
> 10
WPSC Cross-Section
\\Gull\projectworkarea\Sites\FL\PinellasCounty\ProjectWorkArea\coatesc\20120405_PostedValueCrossSections_Tabor\WPSC_VC.mxd coatesc 04/13/2012 2:06:10 PM

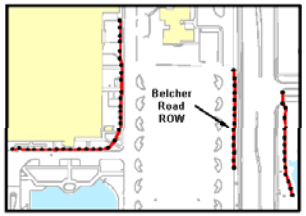


\\Gull\projectworkarea\Sites\FL\PinellasCounty\ProjectWorkArea\coatesc\20120405_PostedValueCrossSections_Tabor\B100E_Dioxane.mxd coatesc 04/13/2012 1:42:03 PM

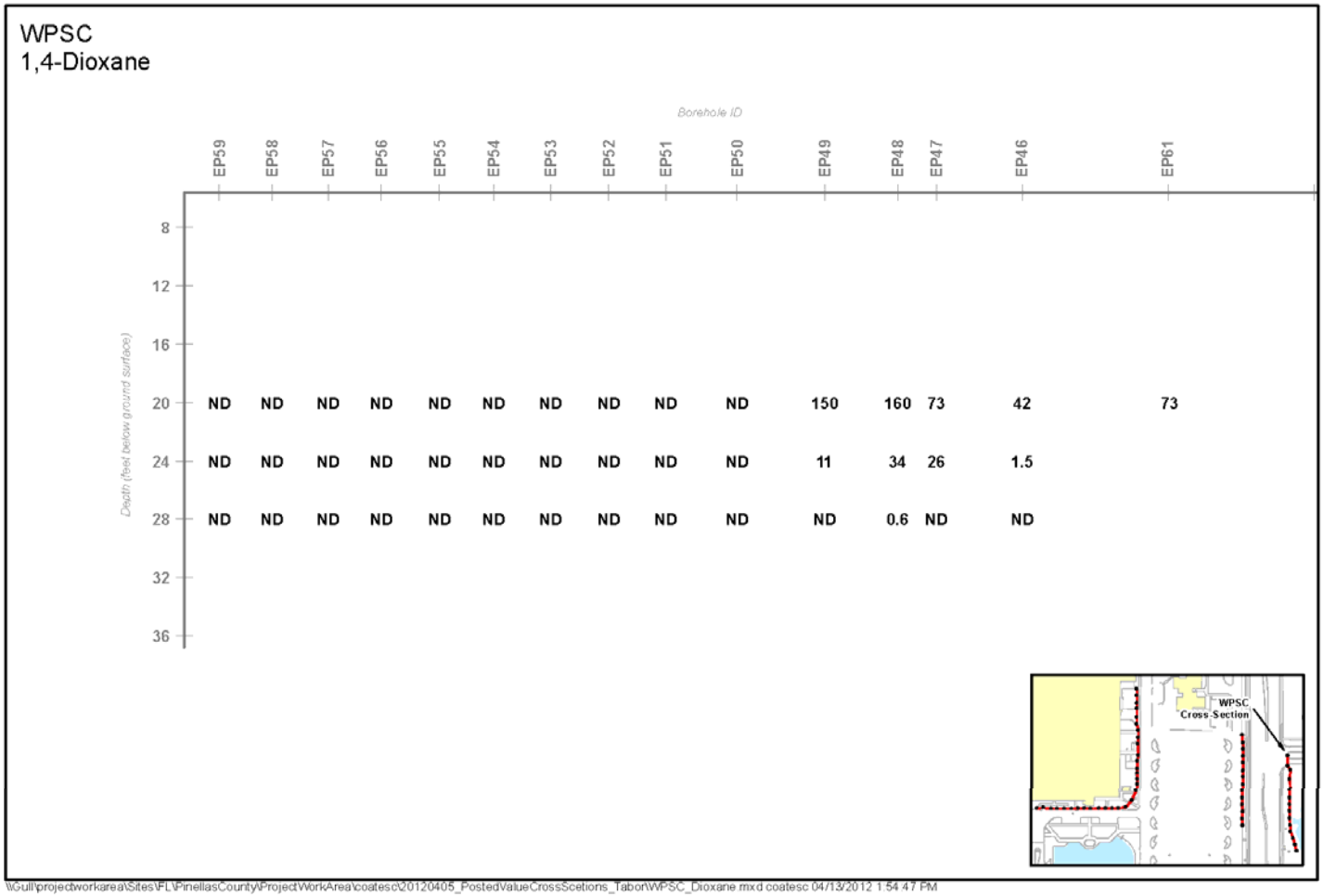
Belcher Road ROW
1,4-Dioxane

Borehole ID

Depth (feet below ground surface)	EP45	EP44	EP43	EP42	EP41	EP40	EP39	EP38	EP37	EP36	EP35	EP34	EP33	EP32
8														
12														
16														
20	ND	2.6	ND	ND	6.3	140	31	43	ND	ND		2.7	ND	1.8
24	1.5	3	ND	3.9	160	360	370	180	ND	32	18	13	6	2.7
28	ND	ND	ND	2.1	12	45	77	88	ND	ND	19	20		ND
32														
36														



\\Gull\projectworkarea\Sites\FL\PinellasCounty\ProjectWorkArea\coatesc\20120405_PostedValueCrossSections_Tabor\Belcher_Dioxane.mxd coatesc 04/13/2012 1:43:55 PM



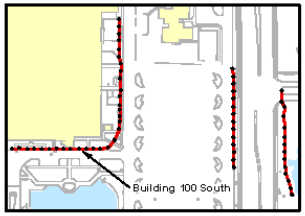
\\Gull\projectworkarea\Sites\FL\PinellasCounty\ProjectWorkArea\coatesc\20120405_PostedValueCrossSections_Tabor\WPSC_Dioxane.mxd coatesc 04/13/2012 1:54:47 PM

Building 100 South
Vinyl Chloride

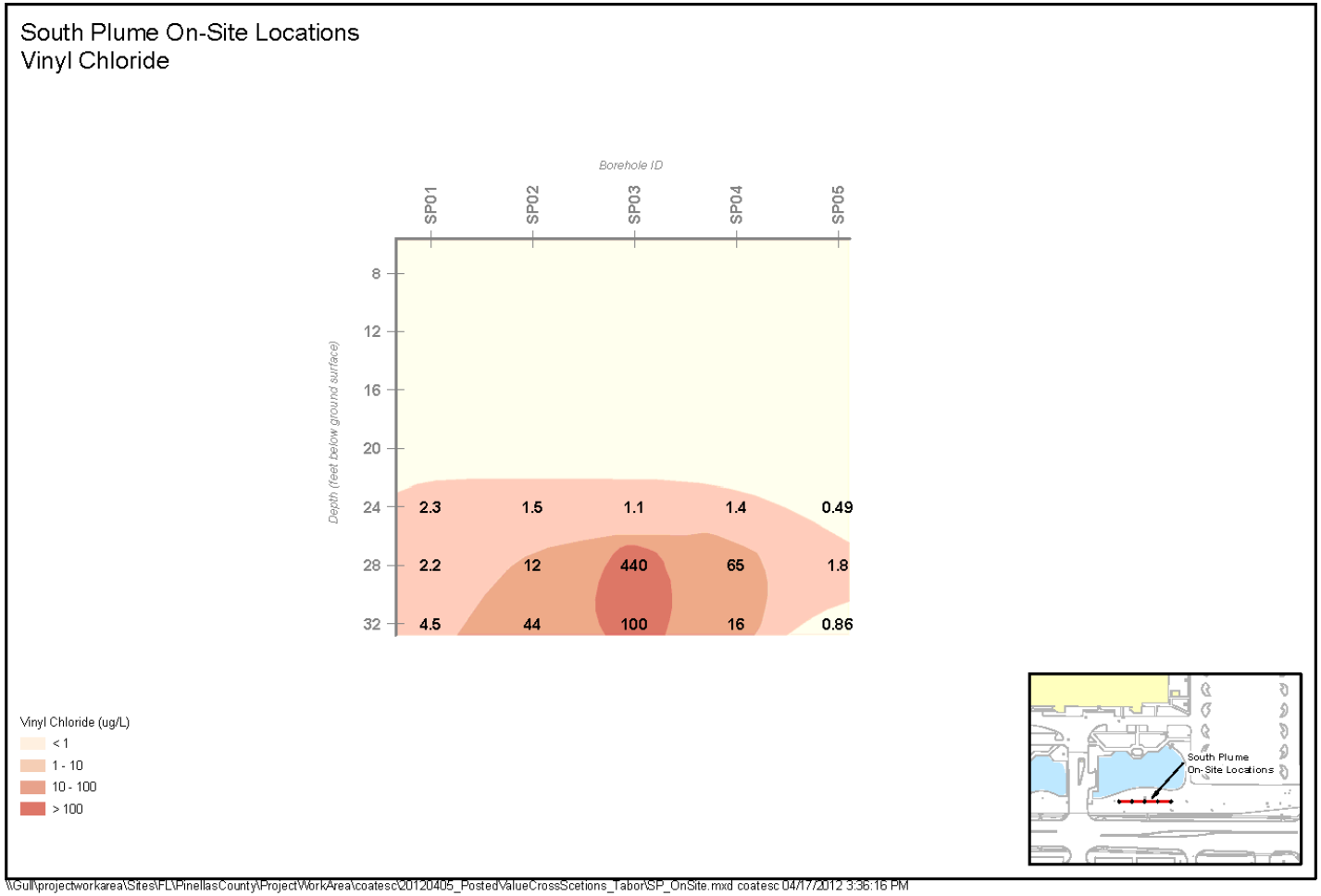
Borehole ID

Depth (feet below ground surface)	EP31	EP30	EP29	EP28	EP27	EP26	EP25	EP24	EP23	EP22	EP21	EP20	EP19	EP18	EP17
8		ND	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	ND	ND	0.4	1.1	2.7	0.9	0.5	0.4	ND	ND	ND	ND	ND	ND	ND
20	ND	ND	0.4	3.3				ND		ND		ND	ND		
24	ND	ND	ND	1.1	130	760	15	1.6	3.2	ND	3.9	1.8	1.3	1	0.5
28	1.4	0.8	3.4	1.7	1700	920	43	27	2.4	0.6	5.8	1.2	23	8.9	6.1
32	3.1	2.2	0.3	5.1	910	1900	39	47	9.1	ND	1.3	ND	1.5	1	2.4
36	1.2				60	170	7.2	8.3	1.7	ND	ND	ND	ND	ND	ND

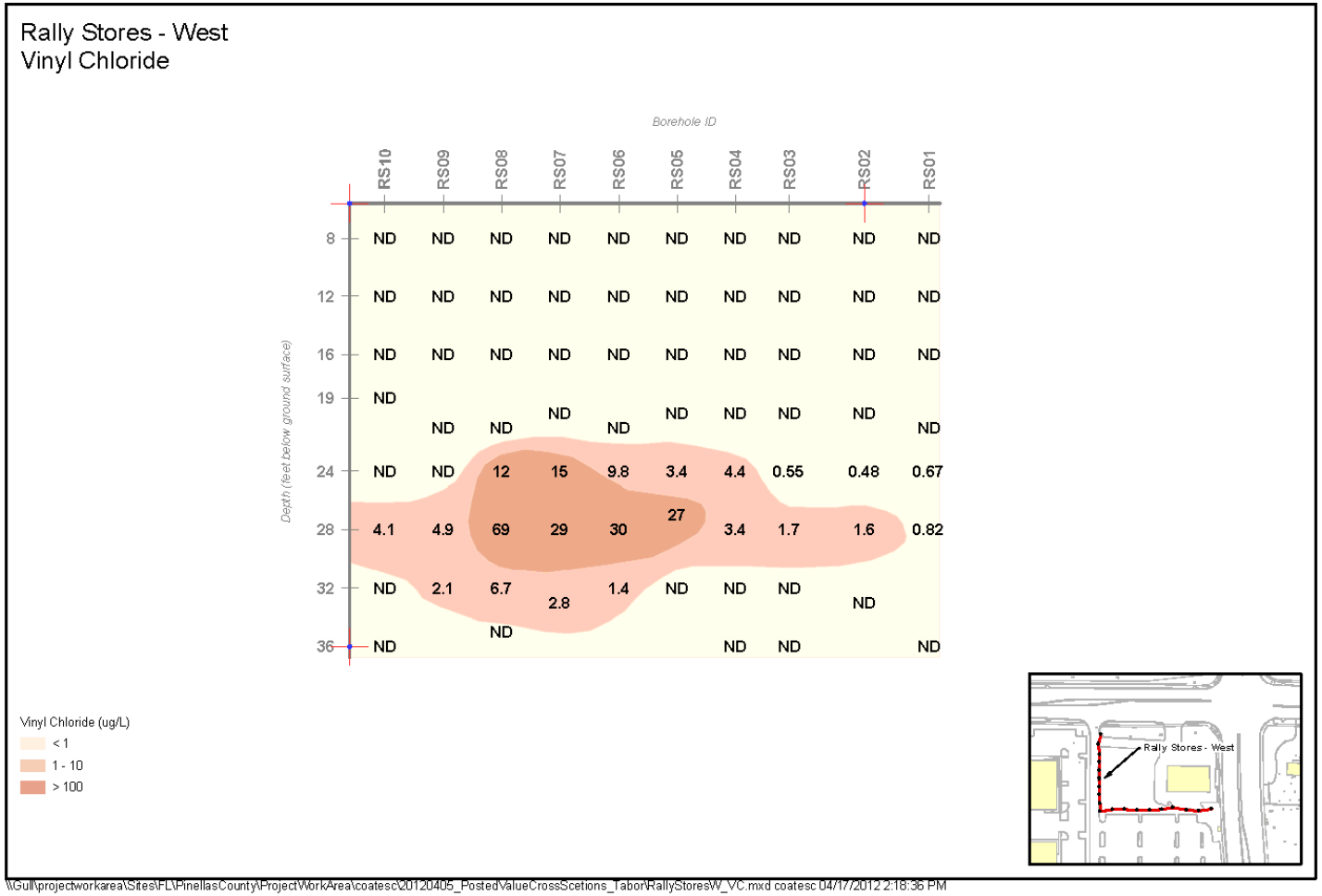
Vinyl Chloride (ug/L)
- < 1
- 1 - 10
- 10 - 100
- 100 - 1000
- > 1000



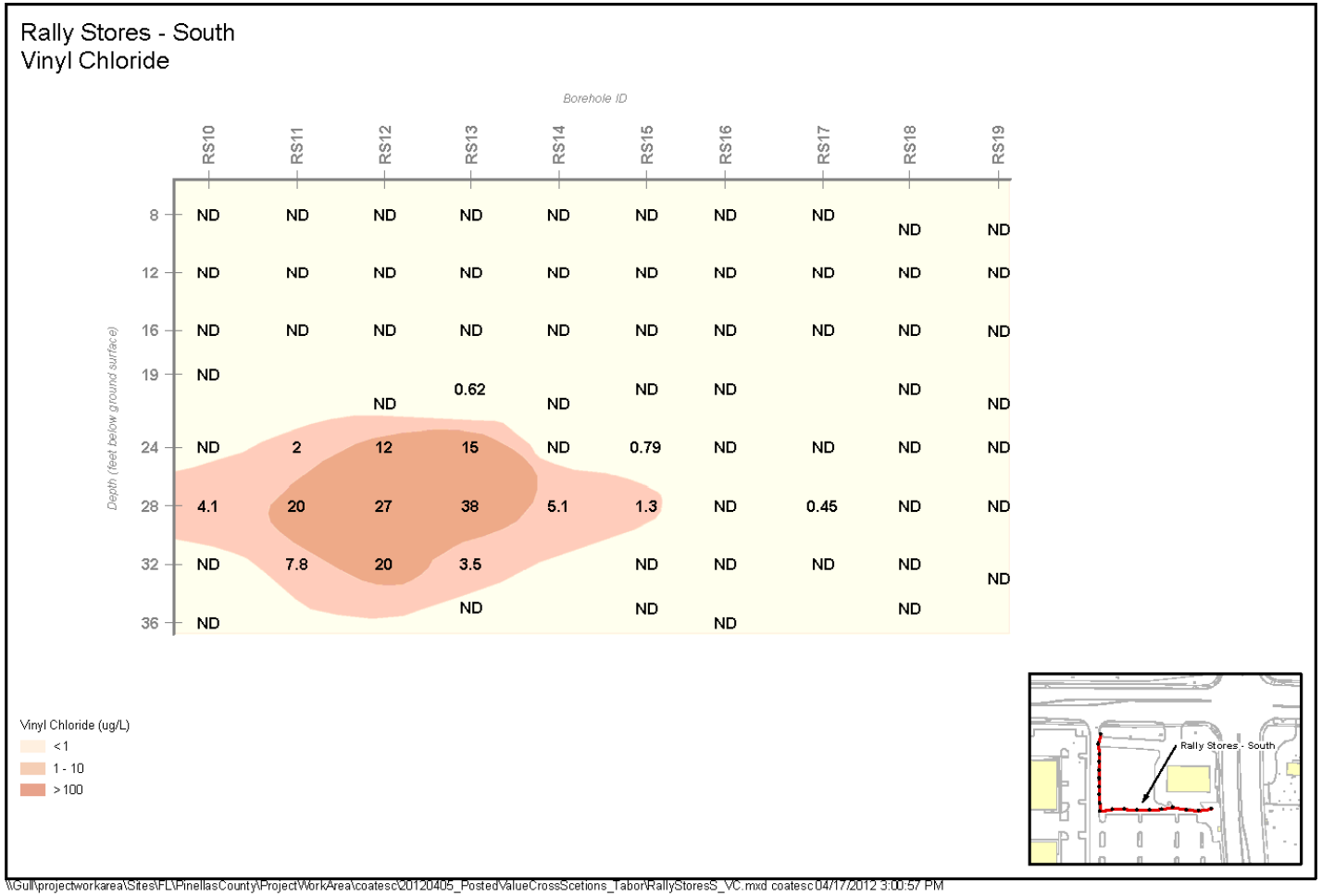
\\Gull\projectworkarea\Sites\FL\PinellasCounty\ProjectWorkArea\coatesc\20120405_PostedValueCrossSections_Tabor\B100S_VC.mxd coatesc 04/13/2012 1:43:27 PM



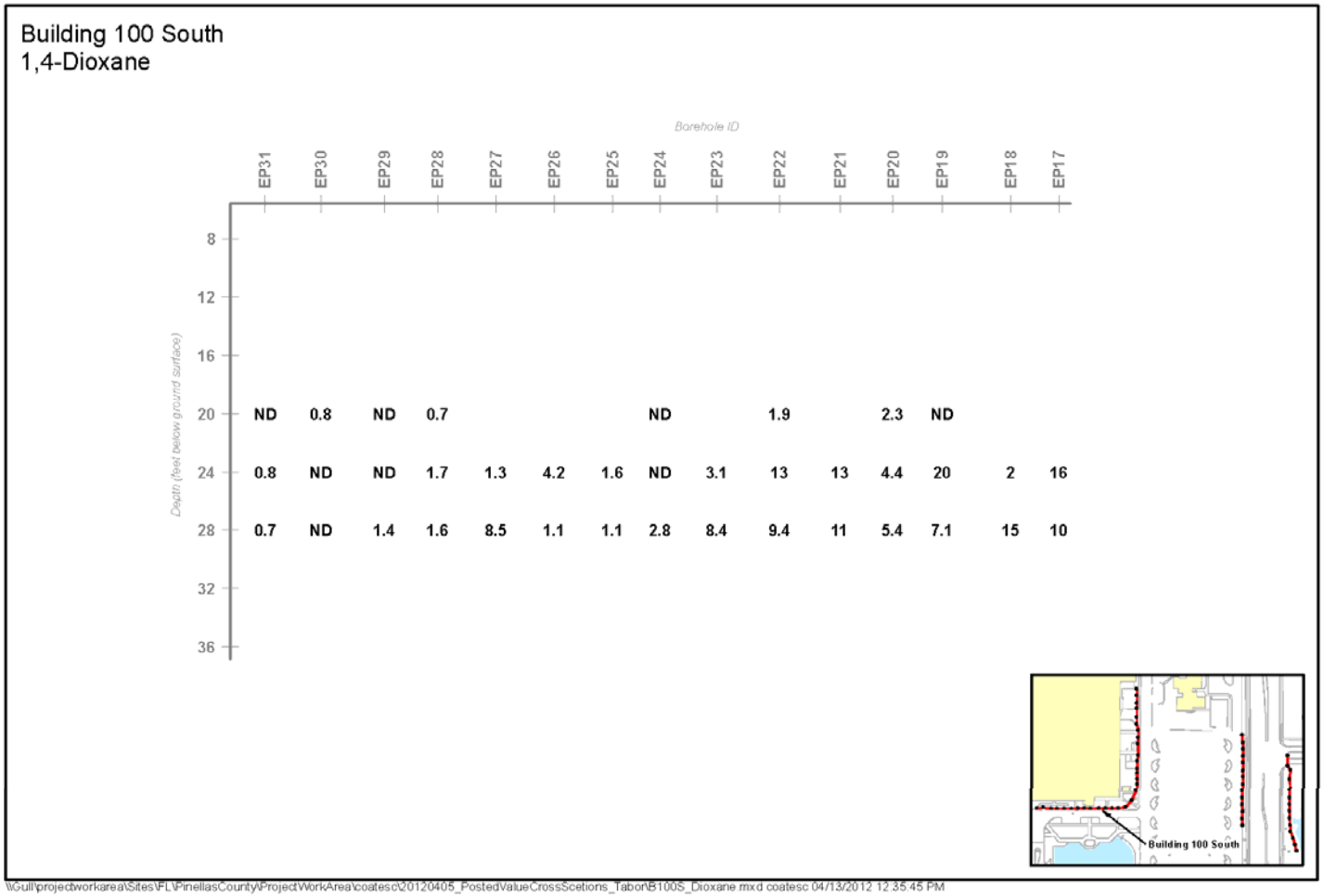
\\Gull\projectworkarea\Sites\FL\PinellasCounty\ProjectWorkArea\coatesc\20120405_PostedValueCrossSections_Tabor\SP_OnSite.mxd coatesc 04/17/2012 3:36:16 PM



\\Gull\projectworkarea\Sites\FL\PinellasCounty\ProjectWorkArea\coatesc\20120405_PostedValueCrossSections_Tabor\RallyStoresW_VC.mxd coatesc 04/17/2012 2:18:36 PM

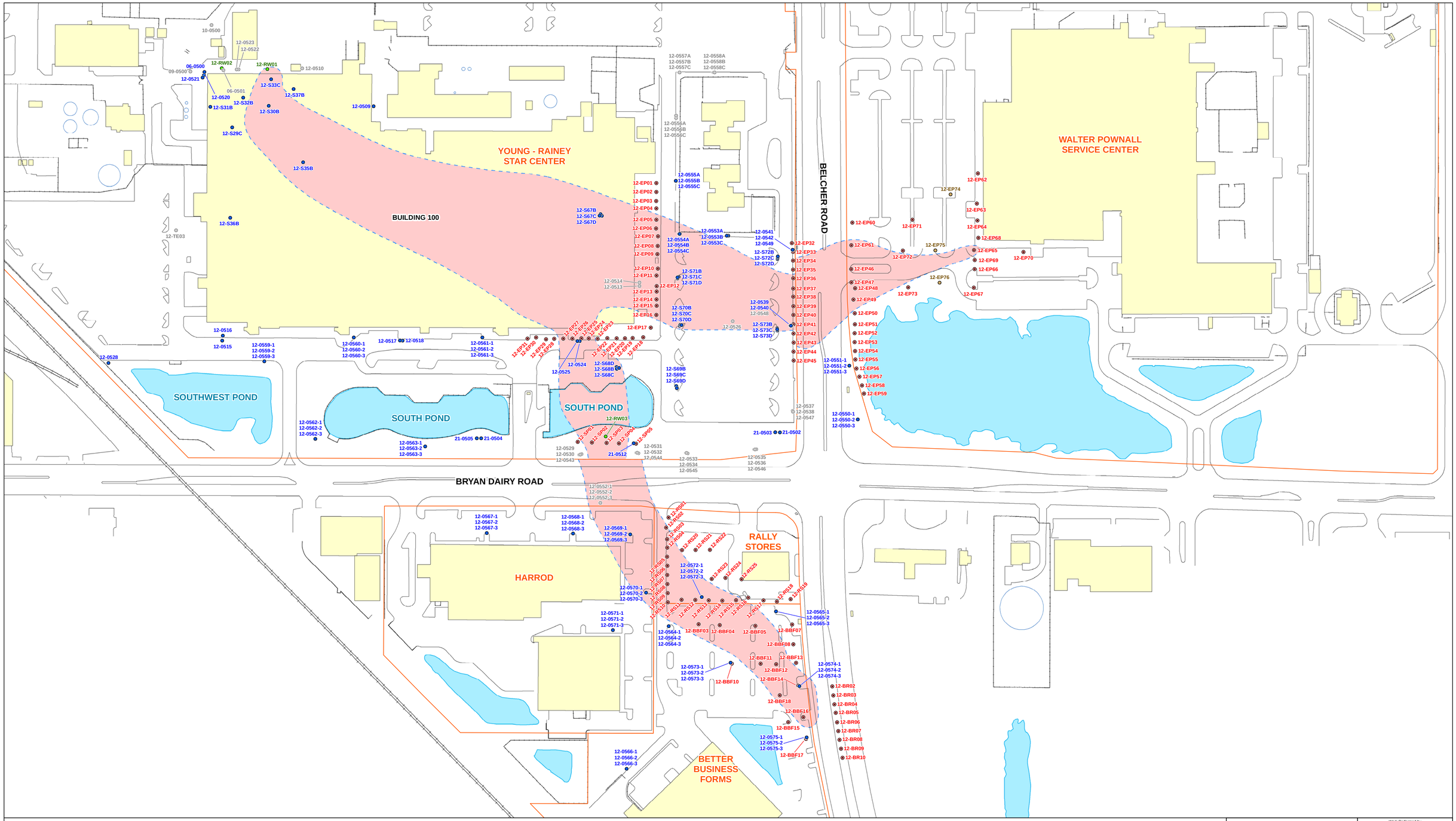


\\Gull\projectworkarea\Sites\FL\PinellasCounty\ProjectWorkArea\coatesc\20120405_PostedValueCrossSections_Tabor\RallyStoresS_VC.mxd coatesc 04/17/2012 3:00:57 PM



\\Gull\projectworkarea\Sites\FL\PinellasCounty\ProjectWorkArea\coatesc\20120405_PostedValueCrossSections_Tabor\B100S_Dioxane.mxd coatesc 04/13/2012 12:35:45 PM

This page intentionally left blank



Legend

- Monitoring Well
- Decommissioned Well (Decommissioned after 1/1/2007)
- Extraction Well
- Temporary Sampling Point
- Temporary Sampling Point (Sampled Only for Grain Size Analysis)
- Approximate 2012 TCOPCs Plume

U.S. DEPARTMENT OF ENERGY
GRAND JUNCTION, COLORADO

Work Performed by
S.M. Stoller Corporation
Under DOE Contract
No. DE-AM01-07LM00060

Plate 1: Monitoring Wells and Temporary Sampling Locations Pinellas, FL, Site

DATE PREPARED: August 1, 2012

FILENAME: N0174300

M:\PIN\04\000\426\000\N01743\N0174300.mxd smithw 08/01/2012 9:45:46 AM