Remedial Investigation Report for Operable Unit 1/Operable Unit 2 of the Anniston PCB Site

Revision 3

Anniston, Alabama

February 2015

ENVIRON International Corporation
Portland, Maine

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Acronyms and Abbreviations

%	percent
°F	degrees Fahrenheit
4,4'-DDT	4,4'-dichlorodiphenyltrichloroethane
95% UCL	95% upper confidence level of the arithmetic mean
ADEM	Alabama Department of Environmental Management
AE	assessment endpoint(s)
AHR	aryl hydrocarbon receptor
AHWMMA	Alabama Hazardous Waste Management and Minimization Act
AOC	Administrative Order on Consent
APCO	Alabama Power Company
ARAR	Applicable or Relevant and Appropriate Requirement(s)
ATSDR	Agency for Toxic Substances and Disease Registry
AWQC	Ambient Water Quality Criteria
BAF	bioaccumulation factor
BaPE	benzo(a)pyrene
BBL	Blasland, Bouck & Lee
BERA	baseline ecological risk assessment
bgs	below ground surface
BSA	biological sampling area
CA	characterization area
CAA	Clean Air Act
CDM	CDM Federal Programs Corporation
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
cfs	cubic feet per second
COPC	constituent(s) of potential concern
CSF	cancer slope factor
CSM	conceptual site model
CSSMA	central staging and soil management area
CTE	central tendency exposure
CWA	Clean Water Act
DL-PCB	dioxin-like PCB
DQO	data quality objective
dw	dry weight
EA	evaluation area

EC	effect concentration
EcoSSL	Ecological Soil Screening Level
EE/CA	engineering evaluation/cost analysis
ENSR	ENSR International
ENVIRON	ENVIRON International Corporation
EPC	exposure point concentration
EU	exposure unit
FCP	Foothills Community Partnership
FEMA	Federal Emergency Management Agency
FS	feasibility study
FSP	field sampling plan
Golder	Golder Associates
gpm	gallon(s) per minute
HDPE	high-density polyethylene
HHRA	human health risk assessment
HI	hazard index
ICF Kaiser	ICF Kaiser Engineers Inc.
ID	identification
IM	interim measure(s)
IMWP	interim measure work plan
IROD	Interim Record of Decision
KDWP	Kansas Department of Wildlife and Parks
KPM	Kansas Parks Method
Lafarge	Lafarge North America
LOAEL	lowest observed adverse effect level
MCL	maximum contaminant level
µg/kg	microgram(s) per kilogram
µg/L	microgram(s) per liter
ME	measured endpoints
mg/kg	milligram(s) per kilogram
mg/kg-day	milligram(s) chemical per kilogram body weight per day
mg/m^3	milligram(s) per cubic meter
mgd	million gallons per day
NCP	National Contingency Plan
ng/m^3	nanogram(s) per cubic meter
NOAEL	no observed adverse effect level

NPDES	National Pollutant Discharge Elimination System
NRC	National Research Council
NTC	Non-Time-Critical
NTU	nephelometric turbidity units
O&C	operation and closure
O&M	operations and maintenance
OLN	Oxford Lakes Neighborhood
OSWER	Office of Solid Wastes and Emergency Response
OU	operable unit(s)
PEC	probable effect concentration
pg/m^3	picogram(s) per cubic meter
P/S	Pharmacia LLC and Solutia Inc.
PAH	polycyclic aromatic hydrocarbon
parathion	ethyl parathion
PCB	polychlorinated biphenyl
PCD	revised Partial Consent Decree
PCDD/DF	polychlorinated dibenzo-p-dioxin and dibenzofuran
PDF	portable document format
PNP	paranitrophenol
POTW	publicly owned treatment works
PPRTV	provisional peer reviewed toxicity value
PRG	preliminary remediation goals
PSCSR	preliminary site characterization summary report
psi	pounds per square inch
PUF	polyurethane foam
PVC	polyvinyl chloride
QAPP	quality assurance project plan
RBP	rapid bioassessment protocols
RCRA	Resource Conservation and Recovery Act
RD/RA	remedial design/remedial action
RFC	reference concentration
RfD	reference dose
RFI	RCRA facility investigation
RFI/CS	RCRA facility investigation/confirmatory sampling
RGO	remedial goal option
RI	remedial investigation

RI/FS	remedial investigation/feasibility study
RME	reasonable maximum exposure
ROD	Record of Decision
Roux	Roux Associates, Inc.
RPD	relative percent difference
RSRWP	residential soil removal work plan
SERA	streamlined ecological risk assessment
SAIC	Science Applications International Corporation
SLERA	screening level ecological risk assessment
SOW	statement of work
SSAP	supplemental sampling and analysis plan
SSRBC	site-specific risk-based concentrations
SSSMA	south staging and soil management area
SVOC	semivolatile organic compound
Swann	Swann Chemical Company
SWMU	solid waste management unit
TCL	target compound list
TEC	threshold effect concentration
TEQ	toxic equivalents
TOC	total organic carbon
tPCBA	total PCB as Aroclors
TRV	toxicity reference value
TSCA	Toxic Substance Control Act
TSS	total suspended solids
USCB	United States Census Bureau
USEPA	United States Environmental Protection Agency
VOC	volatile organic compound
VSP	Visual Sampling Plan
WMA	waste management area(s)
ww	wet weight
WWTF	wastewater treatment facility

Executive Summary

On August 4, 2003, the United States District Court for the Northern District of Alabama entered a revised Partial Consent Decree (PCD) requiring, among other things, Pharmacia LLC and Solutia Inc. (together Pharmacia LLC and Solutia Inc. are referred to as P/S) to conduct a remedial investigation and feasibility study (RI/FS) for the Anniston Polychlorinated Biphenyls (PCB) Site (the Site). The Site is located in portions of Calhoun and Talladega counties in the north-central part of Alabama, near Anniston. The Site has been investigated for the past 20 years based on the presence of PCBs and other chemical constituents in various Site media. The Site encompasses the Solutia Inc. Anniston Plant (the Facility) (formerly owned and operated by Monsanto Company, now known as Pharmacia LLC) and other properties currently owned by Solutia Inc., certain residential and nonresidential properties owned by third parties, and portions of both Choccolocco Creek and Snow Creek and their floodplains. The Anniston PCB Site is not on the Superfund National Priorities List but is being addressed through the Superfund Alternative Approach.

The RI/FS work under the PCD identified four separate operable units (OU): OU-1 and OU-2 include residential and nonresidential properties, respectively, around and downstream of the Facility along Snow Creek to Highway 78. OU-1 and OU-2 have been combined (OU-1/OU-2) and investigated concurrently. OU-3 includes the Facility and two closed landfills adjoining the Facility. OU-4 includes Snow Creek and its floodplain from Highway 78 to the confluence of Snow and Choccolocco Creeks and Choccolocco Creek and its floodplain from the backwater area upstream of Snow Creek to the embayment of Lake Logan Martin on the Coosa River. The United States Environmental Protection Agency (USEPA) has reserved the right to identify other operable units in the Anniston PCB Site after data from the OU-4 remedial investigation (RI), and any other studies that become available, are reviewed.

This document presents the RI for OU-1/OU-2. The lateral investigation boundaries that were used for the nonresidential investigations in OU-1/OU-2 generally include Snow Creek's 100-year floodplain and drainage areas downstream of the 11th Street Ditch. Snow Creek is a small urban drainage way that flows through Anniston, Alabama, into Oxford, Alabama, before its confluence with Choccolocco Creek just south of Interstate 20 near the Choccolocco Creek Waste Water Treatment Facility. Nonresidential properties in two areas outside of the floodplain were also investigated as part of OU-1/OU-2—one just southwest of the Facility located proximate to former landfill operations and a second just south of Highway 78 in Zone Oxford Lakes Neighborhood (OLN). These areas are associated with prior investigations conducted under a 2001 Administrative Order on Consent (AOC) that was incorporated into the PCD; therefore, these areas are included in OU-1/OU-2.

For residential properties, the PCD included the Non-Time Critical Removal Agreement (NTC Removal Agreement) pursuant to which Solutia Inc. agreed to identify and address residential properties with PCB levels at or above 1 milligram per kilogram (mg/kg) in surface soils. On January 17, 2006, the USEPA and 11 industrial companies entered into an Administrative Order and Order on Consent (Administrative Order) to address lead and PCB contamination that may have originated from these industries and impacted residential properties in the Anniston area. The 11 industrial companies formed the Foothills Community Partnership (FCP) for purposes of

implementing the Administrative Order. Because of potential overlap between the Administrative Order and the NTC Removal Agreement, a Stipulation and Agreement of the Parties Clarifying Partial Consent Decree (Stipulation) was entered into by the USEPA and P/S to clarify P/S' obligation regarding residential sampling and removal activities in four zones (Zones A, B, C and D) delineated in the Administrative Order. Paragraph 20 of the Stipulation also states that "[e]xcept for the RI/FS Agreement and SOW, the Parties agree that the PCD and the two Removal Agreements appendices to the PCD do not extend to any properties located outside of Zones A, B, C, and D, and the Parties expressly and completely reserve all of their respective rights under CERCLA with respect to such properties." A subsequent agreement between P/S and the USEPA expanded the NTC Removal Agreement, as clarified by the Stipulation, to include a zone known as OLN. Under the Administrative Order, the NTC Removal Agreement and the Stipulation, the FCP had primary responsibility for sampling activities within Zones A and B and P/S had primary responsibility for sampling activities within Zones C and D. P/S submitted a completion report for the NTC Removal Agreement for review by the USEPA, and USEPA provided comments to P/S on May 16, 2013. The completion report is currently being revised to reflect these comments.

This RI report describes the nature and extent of contamination in OU-1/OU-2 and discusses the fate and transport of PCBs and other constituents that were evaluated. Summaries of the human health and ecological risk assessment are also provided. The conclusions for the RI report are discussed to guide the next step in the overall RI/FS process for OU-1/OU-2 which is preparation of the feasibility study (FS). The significant findings from this OU-1/OU-2 RI report are summarized below.

- **Adequacy of Data:** OU-1/OU-2 has been sufficiently characterized through multiple residential and nonresidential investigations conducted over the past 20 years. The resulting dataset adequately support an assessment of the nature and extent of contamination and the human health and ecological risk assessments that were conducted for OU-1/OU-2. The RI report also describes multiple interim measures (IMs) and removal actions that have been conducted in OU-1/OU-2. During preparation of the FS, additional evaluation of land uses in OU-1/OU-2 area may be conducted. The results of any subsequent land use evaluations will not affect the results of the human health risk assessment (HHRA) that was prepared by CDM Federal Programs Corporation (CDM) on behalf of the USEPA (CDM 2010a).
- **Characterization of Human Health Risks:** The HHRA identified constituents of potential concern (COPCs) regardless of their potential origination, calculated the concentrations of the COPCs in the various media, evaluated potential ways people may come into contact with COPCs (exposure pathways), identified toxicity criteria to quantify potential risks, and characterized potential cancer risks and noncancer health hazards associated with possible current and future exposure to COPCs. The process also identifies uncertainties in the process and culminates with the development of concentration based remedial goal options (RGOs). The HHRA found that the primary risks to human health in this OU are associated with the presence of PCBs in soil. To develop a more detailed understanding of the risks associated with OU-1/OU-2, the OU was divided into 30 different geographical areas, termed exposure units (EUs). Evaluating risks associated with soils using an EU basis is important because both the nonresidential land uses and PCB concentrations in

soil vary across the OU. Each EU was evaluated based on land use and exposure point concentrations (EPCs) to estimate risks to different possible receptors (e.g., recreational users or construction workers). The HHRA found that risks associated with PCBs in soil were negligible to low in 24 of the 30 EUs. The remaining six EUs have potential risks to human health associated with PCBs in soil and will be evaluated in the FS to be prepared for OU-1/OU-2. Of the six EUs that pose risks, the two EUs with some of the highest levels of risk are EU5 and EU19N. EU5 is located in the northern portion of OU-1/OU-2 near the confluence of the 11th Street Ditch and Snow Creek, and EU19N is located next to Snow Creek midway between the 11th Street Ditch - Snow Creek confluence and Highway 78. The HHRA calculated concentration based RGOs for soils based on the different land uses (receptors) that may be present in the different EUs. These RGOs will be used in identifying potential remediation areas in the FS. The HHRA also confirmed that the residential cleanup PCB concentration for surface soils previously selected for residential use properties (1 mg/kg) is protective of human health risks. The HHRA also evaluated the risks associated with non-PCB constituents across the OU as a whole. For surface soils, the approach for these non-PCB constituents differed from the EU-based approach used for PCBs. The PCB risks were evaluated for smaller geographic portions of the OU, termed EUs. For each EU, a single PCB EPC was developed to be representative of exposure conditions in that EU. The EPC values and associated risks for non-PCB constituents were developed for the OU as a whole and not for the individual EUs. The risks associated with exposures to COPCs other than PCBs were within USEPA's acceptable risk range with some limited exceptions including chromium, polycyclic aromatic hydrocarbons (PAHs), and polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/DFs) in soils. All three of these exceptions were isolated cases where one or two elevated concentration values from samples collected from within a particular EU drove the overall risks for that constituent across the entire OU. In addition, the highest concentrations of these non-PCB constituents were measured in current and former industrial areas that are located in EUs with low PCB concentrations. The risk assessment also determined that risks associated with exposures to sediment, surface water, and air were not significant contributors to the overall human health risks associated with OU-1/OU-2.

- **Characterization of Ecological Risks**: The ecological risk assessment conducted for the OU-1/OU-2 portion of Snow Creek indicates that there are some risks to benthic invertebrates from exposure to PCBs and some metals in localized areas. For benthic invertebrates as well as the avian and mammalian receptors, several sediment samples exceeded the Site-specific risk-based concentrations for PCBs and several metals. The highest sediment exceedances are generally located near the confluence of the 11th Street Ditch and Snow Creek and near the culverts at the Highway 202 underpass. There is uncertainty regarding potential risks to populations of avian and mammalian species that could reside or forage within this area, as habitat constraints may limit exposure to large numbers of receptors for extended periods of time. Some level of risk to individual birds is possible from exposure to PCBs, chromium, lead, manganese, mercury, nickel, and vanadium. Some level of risk to individual mammals is possible from exposure to PCBs, chromium, manganese, and nickel.

- **Sediments:** Sediments in the upper portion of Snow Creek near and upstream of the Highway 202 culverts will be subject to evaluation within the OU-1/OU-2 FS. The portions of Snow Creek downstream of the railroad bridge just south of the Highway 202 culverts are characterized by a low average PCB concentration of approximately 2 mg/kg. Concentrations of PCBs, chromium, lead, manganese, mercury, nickel, and vanadium in sediment will be evaluated in the FS to determine what, if any, actions are appropriate in Snow Creek and downstream.
- **Groundwater:** The groundwater data collected for OU-1/OU-2 show there is one isolated area in EU5 (groundwater well T-11) with concentrations exceeding the maximum contaminant level (MCL) for PCBs.
- **Surface Water:** The Snow Creek surface water data indicate that low levels of PCBs are present during the infrequent and short period of high flow. It is also recognized that surface water conditions are a direct reflection of sediment transport, and measures to address soil and sediment will, in turn, have long-term positive effects on surface water. Remedies for soils and/or sediments evaluated in the FS may consequently have short-term adverse effects on the concentrations in surface water. Therefore, the surface water pathway will continue to be considered, as necessary, in the FS. However, it will be recognized that surface water, as an individual medium, will not be targeted for remedial action in the FS.
- **Air:** The data collected for air in OU-1/OU-2 show that concentrations in this environmental medium do not pose an unacceptable risk to receptors in the OU. The remedies evaluated in the FS may affect the concentrations of PCBs in air, especially in localized areas near construction activities. Therefore, the air pathway will continue to be considered, as necessary, in the FS. The air data for OU-1/OU-2 adequately characterize the nature and extent of constituents in air for the OU. If deemed appropriate, additional air data may be collected in association with protecting Site workers and the community during remedial activities. Air data are not needed to further assess the nature and extent of contamination, and remediation is not needed to address current ambient air concentrations.

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1 Introduction

On August 4, 2003, the United States District Court for the Northern District of Alabama entered a revised Partial Consent Decree (PCD; USEPA 2003a) requiring, among other things, Pharmacia LLC and Solutia Inc. (together Pharmacia LLC and Solutia Inc. are referred to as P/S) to conduct a remedial investigation/feasibility study (RI/FS) for the Anniston Polychlorinated Biphenyls (PCB) Site. The Site is located in portions of Calhoun and Talladega counties in the north-central part of Alabama, near Anniston. The Site has been investigated for the past 20 years based on the presence of PCBs and other chemical constituents in various Site media. The Site encompasses the Solutia Inc. Anniston Plant (Facility) (formerly owned and operated by Monsanto Company, now known as Pharmacia LLC), other properties currently owned by Solutia Inc., certain residential and nonresidential properties owned by third parties, and portions of both Choccolocco Creek and Snow Creek and their floodplains. The Anniston PCB Site is not on the Superfund National Priorities List and is being addressed through the Superfund Alternative Approach.

The RI/FS work under the PCD identified four separate operable units (OUs): OU-1 and OU-2 include residential and nonresidential properties, respectively, around and downstream of the Facility along Snow Creek to Highway 78. OU-1 and OU-2 have been combined (OU-1/OU-2) and investigated concurrently. OU-3 includes the Facility and two closed landfills adjoining the Facility. OU-4 includes Snow Creek and its floodplain from Highway 78 to the confluence of Snow and Choccolocco Creeks and Choccolocco Creek and its floodplain from the backwater area upstream of Snow Creek to the embayment of Lake Logan Martin on the Coosa River. The United States Environmental Protection Agency (USEPA) has reserved the right to identify other OUs in the Anniston PCB Site after data from the OU-4 remedial investigation (RI) and any other studies that become available are reviewed.

This document presents the RI for OU-1/OU-2. The lateral investigation boundaries that were used for the nonresidential investigations in OU-1/OU-2 generally include Snow Creek's 100-year floodplain and drainage areas downstream of the 11th Street Ditch. Snow Creek is a small urban drainage way that flows through Anniston, Alabama, into Oxford, Alabama, before its confluence with Choccolocco Creek just south of Interstate 20 near the Choccolocco Creek Waste Water Treatment Facility. Nonresidential properties in two areas outside of the floodplain—one just southwest of the Facility located proximate to former landfill operations and a second just south of Highway 78 in Zone Oxford Lakes Neighborhood (OLN)— were also investigated as part of OU-1/OU-2. These areas are associated with prior investigations conducted under a 2001 Administrative Order on Consent (AOC) that was incorporated into the PCD; therefore, these areas are included in OU-1/OU-2.

This RI report focuses on OU-1/OU-2 and is a deliverable under the August 4, 2003, PCD for the Site. ENVIRON International Corporation (ENVIRON) prepared this report on behalf of P/S, who are signatory parties to the PCD. This RI report was prepared following USEPA's November 15, 2012, (USEPA 2012a) approval of the *Preliminary Site Characterization Summary Report for OU-1/OU-2, Anniston PCB Site* (PSCSR) (ARCADIS BBL 2007a) and the *Report on Operable Unit 1/Operable Unit 2 Third Non-Residential Groundwater Investigation, Anniston PCB Site, Anniston, Alabama,* April 27, 2012 (Golder 2012a).

1.1 Facility History

This section presents a summary of the Facility's manufacturing and regulatory histories. Additional historical manufacturing information is presented in the supplemental Resource Conservation and Recovery Act (RCRA) facility investigation/confirmatory sampling (RFI/CS) report entitled *RFI/CS Report for the Anniston, Alabama Facility* (Golder 2002) and the RI report entitled *Remedial Investigation Report for Operable Unit 3, Anniston PCB Site, Anniston, Alabama, Revision 2.0* (Golder 2010a). A detailed history of regulatory activities for the Facility is provided in the *Remedial Investigation/Feasibility Study Work Plan for the Anniston PCB Site-Revision 2* (RI/FS work plan; BBL 2004a). Summaries of previously completed response efforts including removal actions and interim measures (IMs) conducted under RCRA are discussed in Section 3 (OU-1/OU-2 Removal and Interim Actions Implemented).

1.1.1 Manufacturing History

Southern Manganese Corporation began manufacturing operations at the Facility in approximately 1917 with the production of ferro-manganese, ferro-silicon, and ferro-phosphorous compounds and, later, phosphoric acid. In 1927, the production of organic chemicals began with the introduction of biphenyl, which remains a major product of the Facility. In 1930, Southern Manganese Corporation became Swann Chemical Company (Swann), which Monsanto Chemical Company (Monsanto Chemical Company is now known as Pharmacia LLC) purchased in May 1935. In 1997, Monsanto Company spun-off Solutia Inc. as an independent company. In 2012, Solutia Inc. was merged into Eastman Chemical Company. Solutia Inc. is a wholly owned subsidiary of Eastman Chemical Company.

A variety of organic and inorganic chemicals have been produced at the Facility during its history, including PCBs, ethyl parathion (parathion), paranitrophenol (PNP), and phosphorus pentasulfide. The Facility currently manufactures polyphenyl compounds which are used in a variety of heat-transfer fluid, plasticizer, and lubricant applications. PCBs were produced at the Facility from the late 1920s to 1971 by reacting chlorine and biphenyl. Chlorine was also produced at the Facility between the 1950s and 1969 for the sole purpose of supporting PCB manufacturing.

1.1.2 Regulatory History

Extensive investigative and response activities have been carried out at the Site over the past 20 years. Historical efforts were conducted under the guidance of the Alabama Department of Environmental Management (ADEM), RCRA, an AOC (USEPA 2001a) executed between P/S and the USEPA, and more recently, the PCD. Historically, the efforts under RCRA have included the general areas of the Facility (OU-3), which were collectively called the on-site area and are now referred to as OU-3 for purposes of the PCD and areas downstream of the Facility, collectively called the off-site area including Snow Creek, Choccolocco Creek, and Lake Logan Martin. Snow Creek and Choccolocco Creek (and their floodplains) are now included in OU-1/OU-2 and OU-4 for purposes of the PCD. The regulatory history for the Site is summarized below based on the RCRA, Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), and Clean Water Act (CWA) programs.

1.1.2.1 RCRA

The Facility is operated in accordance with a variety of permits issued under provisions of the Clean Air Act (CAA), CWA, RCRA, and their state counterparts. Two hazardous waste management areas, or WMAs (WMA I and WMA II), were previously permitted under RCRA and operated at the Facility. These WMAs were closed in compliance with provisions contained in the Facility's permit issued under the Alabama Hazardous Waste Management and Minimization Act (AHWMMA) and RCRA. Under provisions of the Hazardous and Solid Waste Amendments of 1984, a RCRA Facility Assessment was conducted in 1991 by a USEPA contractor to identify solid waste management units (SWMUs) and areas of concern that might be subject to potential corrective action. An application for reissuance, with modifications, of the AHWMMA Permit was submitted in December 1994 and was amended in July 1995 and May 1996. In October 1996, ADEM issued a Draft Hazardous Waste Post-Closure Permit to regulate post-closure responsibilities of the Facility for WMA I and WMA II and to address corrective action for SWMUs and potential areas of concern located both on and off the Facility. This draft permit was finalized and issued on January 7, 1997 (Permit No. ALD004019048), and subsequently modified on November 13, 1997; May 3, 2001; December 11, 2003; and May 5, 2006. P/S submitted a permit renewal application on July 10, 2006, which was ultimately approved by ADEM on October 31, 2008.

On April 5, 1995, a Consent Order was entered into with ADEM's Water Division to develop and implement a sampling plan for sediments in the Facility's stormwater drainage system and certain drainage features downstream of the former south landfill. Sediment samples were collected from throughout the reach of the drainage ditches, and soil samples were collected extending outward on both sides of the ditches on the Facility property and nearby areas. PCBs were reported at varying concentrations in the sediments of drainage ditches that flow from the area of the former south landfill and from the production area to an area to the east of the Facility. PCBs were also reported at various concentrations in soil samples outside of the drainage ditches, but within areas potentially flooded by the drainage ditches during heavy rains.

On March 8, 1996, a second Consent Order was entered into with ADEM's Land Division that expanded and defined the scope of the ongoing investigation and response activities close to the Facility. Under this Consent Order, four additional areas were sampled for the presence of PCBs, and other areas potentially affected by PCBs were to be identified and sampled pursuant to the terms of this order.

The obligations under the terms of both Consent Orders have been completed, and results of these activities have been reported to ADEM and the USEPA. These results confirm that, generally, PCBs are detected in drainage ways ditches, areas directly adjacent to these ditches, or in areas affected by stormwater flooding from these ditches. The drainage way ditches in which PCBs have been detected ultimately flow toward Snow Creek and join Snow Creek just south of 11th Street. Sediment samples have also been collected from Snow Creek and other drainage ditches and analyzed for the presence of PCBs. The results of these analyses have been reported to the USEPA and ADEM.

1.1.2.2 CERCLA

Investigation and removal work were also conducted in the vicinity of the Facility under CERCLA, pursuant to an AOC between the USEPA and Solutia effective October 27, 2000, rescinded and replaced by a Removal Order effective October 5, 2001 (Removal Order incorporated into the PCD). The Removal Order provides for the performance of time-critical removal actions to address PCB-impacted residential properties in excess of 10 milligrams per kilogram (mg/kg). The Removal Order also required a removal response for a portion of the 11th Street Ditch, sampling of a portion of the West 9th Street Creek and Eulaton Road Creek (West 9th Street Creek), and a removal response at off-Facility areas related to activities previously completed at Quintard Mall and the Oxford Lake Softball Complex. The removal action conducted for the 11th Street Ditch is described in Section 3.3, and the data for the West 9th Street Creek are presented and discussed in Section 5.2. The Removal Order was incorporated as Appendix C to the PCD.

A Non-Time-Critical (NTC) Removal Agreement (Appendix G to the PCD) was issued to address residential properties with surface soil PCB levels at or above 1 mg/kg. The NTC Removal Agreement requires an engineering evaluation/cost analysis (EE/CA)—the process to evaluate the potential removal of PCB-containing soils in residential areas of the Site to 1 mg/kg in the upper 12 inches of soil and the removal of soils containing PCB concentrations of 10 mg/kg or more from depths below 12 inches. The EE/CA Report (Solutia 2003b) was subsequently approved by the USEPA. NTC removal actions, including sampling and soil removals, are focused on residential properties in the Anniston area. These activities have been largely implemented by P/S under USEPA oversight. The NTC Removal Agreement was later clarified by the issuance of a Stipulation and Agreement (Stipulation) between the USEPA and P/S (USEPA 2006) on July 18, 2006. The primary purpose of the Stipulation was to address the phasing and extent for the residential property removal actions to be completed. An overview of these removal actions is presented in Section 3.1 (Residential Removal Program) with supporting details provided in the *NTC Removal Action Completion Report for Residential Properties in OU-1/OU-2, Revision 0, Anniston, Alabama* (Completion Report; Golder 2012c). P/S submitted the Completion Report to the USEPA on July 31, 2012, and the USEPA submitted comments on May 16, 2013. P/S are currently preparing responses to the comments and will submit a revised Completion Report incorporating the responses. Additionally, P/S will provide addenda to the Completion Report to the USEPA documenting residential removal actions completed following the initial submission of the Completion Report. P/S anticipate that the USEPA will approve the Completion Report once the USEPA's comments have been satisfactorily addressed.

In addition to the Removal Order and the NTC Removal Agreement, an RI/FS for the Site is required as part of the PCD. The requirements for the RI/FS are identified in the RI/FS agreement (Appendix A to the PCD) and in the statement of work (SOW) (Appendix B to the PCD) and are included in this RI report.

1.1.2.3 Clean Water Act

The Facility also has a National Pollutant Discharge Elimination System (NPDES) Permit (AL0001201) under the CWA. This permit, which has an effective date of January 1, 2012, regulates the discharge of stormwater run-off from stormwater outfall DSN 012. The Facility's

NPDES Permit previously allowed the discharge of noncontact cooling water and condensate through the on-site stormwater sewer system. However, in 1996, all of this process related water was repiped to discharge to the Facility's former wastewater treatment facility (WWTF). Consequently, only stormwater is discharged by the stormwater outfalls. Analytical sampling data for the Facility stormwater outfalls is presented in the *Remedial Investigation for Operable Unit 3, Revision 2.0* (Golder 2010a).

All process water from the Facility and all groundwater recovered through the on-Facility groundwater extraction systems discharge from the Facility's former WWTF to the Anniston's Publicly-Owned Treatment Works (POTW) under provisions of the Facility's State Indirect Discharge Permit (Permit No. IU 35-08-00048). The biological treatment component of the WWTF was decommissioned in conjunction with the PNP plant shutdown in 2004 such that the former WWTF currently consists of only an equalization basin with pH adjustment capabilities. The plant effluent discharged to the Anniston POTW is sampled and analyzed for the list of constituents included in the discharge permit. As per the permit, sampling for these constituents is conducted every six months. The data from the most recent permit application presenting the constituents that are evaluated and the corresponding results have been added as Appendix H. As shown by these results, only select COPCs are evaluated periodically to determine the constituent concentrations in the effluent. Of the COPCs evaluated in the HHRA (CDM 2010a) and the SERA (ARCADIS 2013), only lead and select polycyclic aromatic hydrocarbons (PAHs) are evaluated.

Treated water from the Anniston POTW is discharged to Choccolocco Creek through NPDES Permit No. AL0022195. This is a state regulated outfall under Alabama's NPDES program. The discharge from P/S' outfall to the Anniston POTW does not impact OU-1/OU-2.

1.2 Description of OU-1/OU-2

OU-1/OU-2 consists of both residential and nonresidential properties within the Site, upstream of Highway 78 up to and surrounding the Facility (OU-3), and includes certain properties in the USEPA designated Zone OLN. The lateral study bounds for the nonresidential portions of OU-1/OU-2 were generally established based on the limits of Snow Creek's 100-year floodplain and drainage areas downstream of the 11th Street Ditch. Snow Creek is a small urban drainage way that flows through Anniston, Alabama, into the city of Oxford, Alabama, before its confluence with Choccolocco Creek just south of Interstate 20 near the Choccolocco Creek POTW. Two areas outside of the floodplain are also included in OU-1/OU-2—one just southwest of the Facility located proximate to former landfill operations and a second just south of Highway 78 in Zone OLN. While these areas are outside of the 100-year floodplain, they are associated with prior investigations conducted under the AOC and therefore are included in this RI report. Other nonresidential areas, including the 11th Street Ditch and the West 9th Street Creek (Solutia 2003a), that were historically addressed under the AOC (USEPA 2001a) are also located within the OU-1/OU-2 study area.

The geographic footprint for the nonresidential investigations was generally guided by the source, release mechanism, and migration pathway for PCBs from OU-3. With PCB-containing materials as the primary source for the off-site migration of PCBs from OU-3, the associated release mechanism was overland surface water runoff during and following periods of heavy

precipitation. Overland surface water runoff carried the PCB-containing materials from OU-3 to the 11th Street Ditch. From there, surface water flow along the 11th Street Ditch was the migration pathway for transporting these sediment-bound PCBs downstream along Snow Creek. During periods of high flow, out-of-bank flooding occurred and PCB-containing materials were transported into the adjoining floodplain areas. This occurred when a portion of the materials suspended in the water column settled onto floodplain soils as surface water velocities decreased to a point where the particles would no longer stay suspended. For the nonresidential investigations, the lateral extent of significant overbank flooding was conservatively estimated to be the footprint of the 100-year floodplain. The surface water flow pattern from OU-3 to the 11th Street Ditch and then along Snow Creek is shown on Figure 1-2. This flow path is consistent with the surface water flow pattern presented in Figure 1 of the AOC (USEPA 2001a). The contaminant source, release mechanism, and migration pathway described above are also presented in the conceptual site model (CSM) discussion for OU-1/OU-2 in Section 6 (Contaminant Fate and Transport). The discussion also recognizes other sources, release mechanisms, and migration pathways that may apply to the Site as a whole, including OU-1/OU-2. These other factors—viewed as less influential on the distributions of PCBs in OU-1/OU-2 from OU-3—include leaching to groundwater, volatilization or movement of dust via the air pathway, and potential human activities such as the relocation of dredge spoil piles.

The study area for the nonresidential portions of OU-1/OU-2 was initially presented In the *Field Sampling Plan for the Non-Residential Properties of the Operable Unit 1/Operable Unit 2 Area of the Anniston PCB Site* (Nonresidential Properties FSP; BBL 2004b) and associated addenda (BBL 2005a and 2006). These FSPs subdivided the OU-1/OU-2 100-year floodplain into 30 sampling areas called characterization areas (CAs) to assist in characterizing the overall area. The CAs, which are shown on the left-hand side of Figure 1-3, were established using the USEPA guidance provided in the *Guidance for Data Quality Objectives Process* (USEPA 2000a). This process evaluated existing data, physical features, land use throughout the OU, and professional judgment. The boundaries of each CA were established based on the following:

- The limits of the drainage areas and 100-year floodplain for Snow Creek
- Natural and man-made physical features that could impact transport patterns (ridges, valleys, elevated highways, bridges, culverts, railroad beds)
- Land use
- Continuity (e.g., if a park is divided by a road or railroad, the entire park would still be grouped into one CA)
- Similarity of location with respect to suspected transport and deposition characteristics (i.e., PCBs transported via surface water are contained in the 100-year floodplain and generally decrease with downstream distance from the Facility)

The data collected in the CAs for the nonresidential properties were used to evaluate the nature and extent of contamination and to evaluate baseline risks, including a human health risk assessment (HHRA). In developing the OU-1/OU-2 HHRA, the USEPA adjusted the CA

boundaries slightly and changed the terminology from CAs to exposure units (EUs). The minor boundary adjustments are shown on the right-hand side of Figure 1-3 and include segmenting CA 14 into EU 14S and EU14N, segmenting CA 19 into EU 19N and EU 19S, and consolidating CA 15 and CA 16 into EU 15/16. These changes were considered minor and do not impact the manner in which the OU has been characterized. The boundary adjustments and the EU terminology are carried forward throughout the remainder of this RI report.

Available nonresidential data that are associated with samples collected adjacent to but outside of the EU footprints have been tied to the nearest EU for the purposes of this RI report. There are only two locations where this convention was not used and include the general areas surrounding IMs implemented for the northside and eastside properties. These data were not immediately proximate to an EU, so they have been associated with the area outside of the nearest of these two IMs. Data for sampling locations underneath the footprint of the IM are considered to be part of the IM dataset and are not part of the RI dataset. While the investigation of nonresidential properties in OU-1/OU-2 was generally limited to the 100-year floodplain of Snow Creek, sampling of residential properties has included areas both inside and outside of the 100-year floodplain.

The residential properties in OU-1/OU-2 were addressed in accordance with the NTC Removal Agreement (included as Appendix G to the PCD). These properties were selected based on the specific land use classification defined by the NTC Removal Agreement and the unique and specific requirements identified in that agreement that are separate and distinct from the broader requirements of the PCD. Residential areas outside of the 100-year floodplain were also evaluated under the Stipulation between the USEPA and P/S (USEPA 2006), and some of these were found to have PCBs in soil. For the most part, the affected properties have been remediated to below 1 mg/kg. Long-term management of residual PCBs on residential properties within and outside the floodplain will be included in the evaluation in the OU-1/OU-2 feasibility study (FS).

1.3 Purpose of the Report

This report meets the commitment made by P/S in the RI/FS work plan (BBL 2004a) to provide an RI report that presents the data collected for OU-1/OU-2. The report includes data initially presented in the PSCSR in 2007 (ARCADIS BBL 2007a) and additional data that have become available since the PSCSR was developed. In addition to data for OU-1/OU-2, this RI report presents the nature and extent of contamination and constituent fate and transport, as well as summarizes the risk assessments that were prepared for OU-1/OU-2. These two risk assessments include a baseline HHRA and the *Streamlined Ecological Risk Assessment for the OU-1/OU-2 portion of Snow Creek.* (OU-1/OU-2 SERA; ARCADIS 2013) The SERA builds on a previously prepared *Screening Level Ecological Risk Assessment for Operable Units 1, 2, and 3 of the Anniston PCB Site* (SLERA; BBL 2005b).

On behalf of the USEPA, Camp Dresser and McKee (CDM) prepared the HHRA report entitled *Anniston PCB Site Operable Units 1 and 2, Baseline Risk Assessment, Anniston, Alabama* (CDM 2010a). The OU-1/OU-2 SERA (ARCADIS 2013) is focused on key ecological receptors that may come into contact with sediment or surface water in Snow Creek between Highway 78 and the confluence of Snow Creek and the 11th Street Ditch. The USEPA previously approved

the terrestrial component of an ecological risk assessment for OU-1/OU-2 based on the 2005 SLERA.

To summarize the terrestrial component of these risk assessments, the terrestrial exposure pathways in OU-1/OU-2 are fragmented, habitat is disturbed (dominated by mowed and maintained lands with little habitat-quality plant cover, impervious surfaces, and transportation infrastructure), and development pressure is strong, which will likely lead to additional fragmented and disturbed ecological habitat over time. While the 2005 SLERA documented the disturbed and low-quality attributes of the aquatic ecosystems in Snow Creek, the USEPA required that this portion of Snow Creek be evaluated as part of the baseline ecological risk assessment (BERA) activities planned for OU-4. The initial plan for evaluating ecological risks in Snow Creek as part of the OU-4 BERA was revised to facilitate the potential inclusion of sediment in this portion of Snow Creek as an environmental media for evaluation in a forthcoming OU-1/OU-2 FS. The process and schedule for conducting the OU-1/OU-2 SERA are presented in a letter from P/S dated November 14, 2012 (P/S 2012), which was subsequently approved by the USEPA in a letter dated November 16, 2012 (USEPA 2012b).

This RI report also includes groundwater investigation data that were collected since the PSCSR was developed in 2007. These data include data collected under the *Proposed Plan to Resolve Operable Unit 1/Operable Unit 2 Data Gaps for the Feasibility Study, Anniston PCB Site, Anniston, Alabama* (Golder 2012b). These data were collected in the vicinity of groundwater well T-11 and are included in this RI report for completeness. Additional groundwater data may be collected as part of the FS process.

1.4 Report Organization

To facilitate review of the available information on OU-1/OU-2, the remainder of this RI report is organized as follows:

- Section 2 presents the characteristics of the Site including climate, geology, surface water hydrology, hydrogeology, demography, and land use.
- Section 3 summarizes removal and IMs implemented in OU-1/OU-2.
- Section 4 describes OU-1/OU-2 investigations.
- Section 5 presents the nature and extent of contamination in OU-1/OU-2.
- Section 6 presents the contaminant fate and transport, including potential routes of migration and contaminant persistence.
- Section 7 describes the human health and ecological baseline risk assessments.
- Section 8 presents the summary and conclusions of the RI.
- Section 9 provides references used in preparation of this report.

The information in this report is presented in a series of tables and figures referenced throughout the report and included in their own sections in the second volume of this report. Additional detail and original reports are included as Appendices to this RI:

- Appendix A (electronic only) includes documentation of the interim measures conducted in OU-1/OU-2.
- Appendices B and C (electronic only) include data sets for samples collected inside and outside of OU-1/OU-2, respectively.
- Appendix D (electronic only) includes the human health risk assessment (HHRA) and follow up documentation; it is divided into Appendices D1 through D4 with the original HHRA (CDM 2010) included in Appendix D1. Appendix D2 includes USEPA's HHRA transmittal letter and the attached 2010 CDM Memorandum: Comparison of Dioxin-Like PCB Congener and Total Aroclor Data for OU1-OU2. Appendix D3 includes the July 28, 2014, letter from USEPA which provides updated remedial goal option (RGO) values for OU-1/OU-2, updated exposure parameters that are applicable to OU-1/OU-2 and updated risk estimates (cancer and noncancer) for the reasonable maximum exposure (RME) scenario. Appendix D4 is the updated HHRA tables that were provided by the USEPA on September 9, 2014.
- Appendix E (electronic only) includes ecological risk assessment reports and is divided into Appendices E1 through E3. Appendix E1 includes the 2005 SLERA, Appendix E2 includes the 2013 SERA and Appendix E3 includes USEPA's comments on the 2013 SERA (incorporated into Section 7.2 of this RI report).
- Appendix F includes a memo and supporting tables documenting changes to the data set since the 2010 HHRA. The memo provides revised PCB exposure point concentrations (EPCs) based on the updated data set.
- Appendix G includes a detailed discussion of COPCs other than PCBs.
- Appendix H provides data from the most recent permit application for the Anniston POTW.

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2 Site Characteristics

This section describes the general characteristics of OU-1/OU-2, including climate, geology, surface water hydrology, hydrogeology, demographics and land use, and habitat.

2.1 Climate

Calhoun County is characterized as humid and subtropical, with hot summers, mild winters, and some precipitation during all months of the year. Rainfall is the primary form of precipitation with an average of 54 inches per year, the majority of which occurs during winter. Droughts are infrequent, and the average annual evapotranspiration rate in the area is approximately 42 inches. The mean annual temperature is 62 degrees Fahrenheit (°F) and ranges from approximately 43°F in January to 80°F in July.

Based on data collected in Anniston from April 1, 2003, to March 31, 2004 (ENSR International [ENSR] 2004), the atmosphere is generally thermally stable (category D through F during most of the year). The ENSR data indicate that the prevailing winds generally blow from the southeast approximately 11 percent (%) of the year and from the west-southwest approximately 8% of the year. Additionally, the winds are calm (i.e., 0–1 miles per hour) 17% of the year.

2.2 Geology

Approximately 90% of Calhoun County lies within the Valley and Ridge physiographic province. The geology of this area is characterized by folding and thrust faulting. Thrust faults are the dominant structural features in this province. The upward folding of rocks and cutting to streams has formed a series of sharp ridges and valleys. The remaining area of Calhoun County, which is located in the extreme southeastern part of the county, lies within the Piedmont physiographic province consisting of well-dissected uplands developed on metamorphic rocks. Upstream of Snow Creek, Choccolocco Creek runs along the Talladega-Cartersville fault, which separates these two physiographic provinces. Various tributaries in the eastern and southern portions of the basin originate in the Piedmont province.

Snow Creek and its floodplain are defining features for OU-1/OU-2. Snow Creek, which generally runs down the center line of its 100-year floodplain, has a wide range of bed materials. The native materials in the Snow Creek basin include solids ranging from clays to gravels and bedrock contact areas—each of which play a role in determining sediment transport of hydrophobic organic compounds such as PCBs.

Snow Creek flows through recently deposited alluvium belonging to the Philo series (upper two-thirds of the basin) or Pope series (lower one-third of the basin). Both alluvial soils are similar in their classification as fine sandy loam, their origin from sandstone and shale with possible limestone parent material, and their frequency of flooding. The dominant soil types outside the immediate channel area are identified as an undifferentiated mixture of Anniston and Allen soils. In the area of Snow Creek, sandstone and quartzite gravel, and cobbles up to eight inches in diameter are common in these soils, comprising 10% to 20%. With increasing elevation, the soil grades to the Muskingum series, a coarse, stony residuum of sandstone and shale 1 to 2 feet thick over bedrock. In the upper Snow Creek basin, extensive rough mountainous areas with many outcrops of sandstone and quartzite bedrock, loose rock fragments, and scattered

patches of sandy soil material are present. Slopes are generally greater than 25%, and runoff is rapid.

2.3 Surface Water Hydrology

Snow Creek is a high-gradient stream, with a slope of typically 20 to 30 feet per mile, flowing through an urbanized corridor of Anniston and Oxford. The mean flow within Snow Creek increases from approximately 5 cubic feet per second (cfs) at the confluence with the 11th Street Ditch to 28 cfs as it discharges to Choccolocco Creek. The steep basin terrain produces sharp peak flows. The estimated 10-year and 100-year recurrence interval floods for Snow Creek at the point it discharges to Choccolocco Creek are 4,030 cfs and 6,900 cfs, respectively (Federal Emergency Management Agency [FEMA] 1993).

In some sections, the Snow Creek channel has been substantially modified (e.g., paved, relocated), which causes the velocity profile of the stream to be somewhat erratic near bridge and culvert restrictions. At its confluence with Choccolocco Creek, the drainage area of Snow Creek is 19 square miles. Because of the steeply sloped basins, floodwaters tend to rise and fall quickly, and flooding occurs at numerous locations (often associated with backwater pooling caused by bridges and culverts affecting the natural course of the stream). To date, flood protection measures have been limited to relatively minor, localized efforts including widening and/or paving the channel. Additional flooding problems are caused by debris that collects at the bridges or culverts, which further restricts event flows. The final 500 to 900 feet of Snow Creek before it joins Choccolocco Creek can be influenced by backwater conditions from Choccolocco Creek during periods of high flow.

During low-flow conditions (dry weather flow), groundwater provides base flow for streams and creeks in the area (Scott et al. 1987). During periods of high precipitation and correspondingly high surface water flows, gradients reverse and floodwaters from streams provide groundwater recharge.

2.4 Hydrogeology

The stratigraphic and structural relationships of the rocks throughout most of Calhoun County are typical of the Valley and Ridge physiographic province of the southern Appalachian Highlands. Rocks that range in age from the Cambrian Period to the Pennsylvanian Period have been sharply folded into northeast trending anticlines and synclines that are complicated by thrust faults. The thrust faults are the dominant structural features of the Valley and Ridge province and cause the repetition of the geologic units on the surface. Secondary stresses caused numerous high-angle faults of more limited extent. This faulting, folding, and crushing of rock units has caused the sometimes chaotic surficial distribution of formations in the county, including portions underlying OU-1/OU-2.

Nine consolidated units (bedrock units, including the Shady Dolomite) and the overlying residuum are considered significant water-bearing units in Calhoun County. Although the vertical conductivity in these units varies, there is no readily identifiable regional confining layer or layers to isolate the units into separate systems. Groundwater occurs in a variety of hydrogeologic environments in the consolidated (bedrock) units in Calhoun County. The

majority of the water-bearing units in the area are carbonate rocks, which typically yield only enough water for individual domestic use.

The Shady Dolomite Formation is present along the lower slopes of Coldwater Mountain and Choccolocco Mountain. This formation is approximately 500 feet thick and consists of bluish-gray or pale-yellowish gray, thick-bedded dolomite with chert. The Shady Dolomite Formation is considered a good aquifer in Calhoun County, and wells developed in this aquifer can supply enough water for municipal or industrial uses.

Regional groundwater flow is controlled by topography and the transmissivity and geologic structure of the underlying formations. As groundwater flow is controlled by topography, local flow direction is generally to the north in the vicinity of the Facility. However, as groundwater approaches the 11th Street Ditch, flow becomes northeast, following the slope of the 11th Street Ditch. Ground surface elevations of the monitoring wells installed along Snow Creek are discussed in Section 4.4 (Groundwater Investigations). The elevations indicate over 100 feet of elevation drop from the Facility to the area where OU-1/OU-2 crosses into OU-4 along Snow Creek. Depths to the surficial water table along the 11th Street Ditch and Snow Creek are shallow, generally ranging from approximately 6 to 13 feet below ground surface (bgs). A generalized cross-section depicting approximate ground surface, depth to groundwater, and general geology is included on Figure 2-1.

Lesser quantities of groundwater are obtained from sandstone, shale, mudstone, and quartzite units present in the county. These groundwater sources can be sufficient for domestic uses; however, it is difficult to obtain sufficient groundwater from these sources for municipal or industrial uses. The groundwater yield from these rocks is controlled by fracture orientation, grain size, grain distribution, and secondary permeability.

Approximately 150 springs have been identified and located in the county, and the discharge of these springs is variable, ranging from less than 1 gallon per minute (gpm) to over 17,000 gpm. Many of these springs are found along the trace of thrust faults and produce enough water for domestic uses and, in some instances, for municipal supply. It is estimated that 80% of these springs are used for domestic, farm, stock, municipal, industrial, or recreational water supplies. The two most significant springs located nearest to the Facility are Collateral Spring and Coldwater Spring. Both springs are located approximately five miles from the Facility. Collateral Spring is to the south of the Facility near Interstate 20. Coldwater Spring is approximately five miles southwest of the Facility.

Coldwater Spring is the primary water source for Anniston, Fort McClellan, Anniston Ordinance Depot, and other municipalities and communities within Calhoun County (Scott et al. 1987). During an observation period from 1957 to 1983, the average discharge of Coldwater Spring was approximately 31 million gallons per day (mgd), and the minimum discharge was 23.5 mgd (Scott et al. 1987). The city of Oxford currently relies on groundwater as its primary source of water. The city operates five production wells (each approximately 300 feet deep) that draw water from the Knox Group, Shady Dolomite Aquifer. The water from each well is tested regularly and meets all drinking water regulations without any treatment required (Oxford 2011).

As part of the investigations for OU-3, P/S contacted the local water utility who confirmed that they provided service to the area surrounding the Solutia Facility. Additionally, during the RI Program for OU-3, a door-to-door survey of private wells within a one-mile radius around the Solutia Facility was conducted. The field team surveyed 2,545 properties. Four commercial properties (11 parcels) were identified during the survey as having active wells. One of the wells on these properties was permitted for drinking water use, but was currently used only for process water (Golder 2010a).

A location map showing the identified springs, the survey area, and the groundwater well locations, including the Oxford municipal wells, has been included as Figure 2-2.

2.5 Demography and Land Use

The following subsections provide information on land use for the Site area as well as data on the demography for Anniston and its respective county (Calhoun). The area land use for the Site, as a whole, ranges from heavy industry and manufacturing to largely agricultural or forested. As discussed further below, the majority of OU-1/OU-2 is a highly variable mixture of residential and nonresidential properties with the nonresidential areas including a range of industrial and commercial uses. The southern portion of OU-1/OU-2 includes the city of Oxford, which includes residential, commercial, and some manufacturing. The agricultural and forested areas are primarily limited to the OU-4 portion of the Site with some forested area along the outer borders of OU-1/OU-2 and OU-3.

2.5.1 Land Use

Land use within the Snow Creek floodplain is variable with small areas often supporting multiple land uses and property owners. This area is approximately one-third residential and two-thirds nonresidential (Figure 2-3). The range of land uses reflects the urbanized nature of Snow Creek and includes heavy industry, manufacturing, residence, light commercial, and public recreation, all within close proximity to each other. Similarly, results of a parcel-by-parcel land use inventory conducted during the initial phase of the AOC-related work indicated that land use was highly variable (Golder 2010a).

2.5.2 Demographics

Based on data from the US Census Bureau (USCB) (USCB 2013), in 2010, the total population of Anniston was 23,106, with 21.7% of the population under age 18, 78.3% over age 18, and 17.7% over the age of 65. Anniston is mostly populated by African Americans and Caucasians, comprising over 96% of the total population (51.5% and 44.7%, respectively. Anniston's population was estimated to drop less than 1% in 2011 (USCB 2013).

In 2010, Calhoun County, Alabama had a population of 118,572, with 22.8% of the population under the age of 18, 77.2% over the age of 18, and 14.6% over the age of 65. In 2011, the majority of the population was Caucasian (76.2%) (USCB 2013).

2.6 Habitat Conditions

Snow Creek is a small urban drainage way that flows through Anniston into Oxford, before its confluence with Choccolocco Creek just south of Interstate 20 near the Choccolocco Creek POTW. Aquatic habitat in the OU-1/OU-2 portion of Snow Creek (north of U.S. Highway 78)

upstream to the confluence with the 11th Street Ditch is limited. There are drainage ditches along residential roads that flow into the creek, and the creek is channelized in some locations through dense areas of residential, commercial, and industrial land use. In areas where concrete sluiceways channelize the creek, substrate, aquatic vegetation, and bank features are lacking or are insufficient as habitat for aquatic organisms or wildlife. While other areas of the creek have not been altered to the same degree, specifically the portion of Snow Creek between Noble Street and U.S. Highway 78, much of the creek is adjacent to roadways with limited vegetated buffer zones. Some areas of the creek have more expansive banks with riparian vegetation, a sandy-silt mix of substrate and depositional bars, and occasional riffle-run-pools. At the southern limit of Snow Creek in OU-1/OU-2, surface waters flow into a long underground culvert beneath the Quintard Mall, which is an area devoid of any quality ecological habitat. The portion of Snow Creek downstream of Highway 78 is part of OU-4 and not OU-1/OU-2. The terrestrial areas that surround the creek support a wide range of land uses including industrial, manufacturing, scrap yards, recycling facilities, roadways, railroad lines, and residential properties. The fragmented and changing nature of land use in the surrounding floodplain areas serves to further limit the habitat value of these degraded areas. Additional description of the terrestrial and aquatic habitats for OU-1/OU-2 is provided in Section 7.2 (Streamlined Ecological Risk Assessment) and in the OU-1/OU-2 SERA; Appendix E2).

3 OU-1/OU-2 Removal and Interim Actions Implemented

This section of the RI report includes a summary of the removal and interim actions that have been implemented within OU-1/OU-2 over the past 20 years. These actions include a large number of residential properties that were addressed under the residential removal program and multiple IMs and other removal actions that have been implemented in this OU with federal and/or state regulatory agency involvement. These removal and interim actions can generally be categorized as being part of the residential removal programs (including the Time-Critical Removal Order [Removal Order] and the NTC Removal Agreement), as one of several IMs, or as a third group of miscellaneous removal actions.

The previously implemented removal and interim actions are described below using the three general groupings discussed above. Supporting details for these removal and interim actions are provided in the referenced documents.

3.1 Residential Removal Program

P/S entered into the Removal Order in 2000 and began evaluating PCB soil data that the USEPA had collected at residential properties in and around the Site as part of soil investigations conducted from 1999 to 2000. The Removal Order provided for immediate action if the PCB concentration in composite surface soil samples at a residential property was 10 mg/kg or greater in a five-point composite sample. P/S began surface sampling in May 2001, and completed the first removal action response under the Removal Order in July 2001. P/S and the USEPA continued to complete residential removal actions, while soil investigations were ongoing.

In August 2003, P/S entered into the NTC Removal Agreement, and in September of the same year, the USEPA approved the EE/CA (Solutia 2003b). The EE/CA identified and analyzed removal action alternatives and concluded with a refined conceptual description of the recommended removal action alternative. The EE/CA documented the most appropriate removal action alternative to be soil removal with disposal remote from the affected residential properties. The EE/CA documented the effectiveness of the completed residential removal actions including the removal of surface soils with PCB concentrations equal to or greater than 1 mg/kg and the removal of soils below the 0- to 1-foot horizon with PCB concentrations greater than or equal to 10 mg/kg. The NTC Removal Action Approval Memorandum (USEPA 2004b) concurred with the EE/CA findings. In this memorandum, the USEPA selected an NTC residential soil action level for PCBs at or above 1 mg/kg in surface soils and at or above 10 mg/kg below a depth of 12 inches as the response action criteria. In June 2004, P/S submitted and the USEPA approved the supplemental sampling and analysis plan (SSAP; Solutia 2004a). The SSAP focused on residential property characterization and presented a comprehensive strategy to spatially evaluate the nature and extent of residential contamination present and address the current and future risks posed to human health and the environment on residential properties. The SSAP includes a sampling plan for PCBs and lead.

P/S then developed a residential soil removal work plan (RSRWP; Solutia 2004b) as required by the NTC Removal Agreement to define the approach for performing a removal action response at any property for which composite sampling results indicates the presence of PCBs in surface

soils at or above 1 mg/kg. During the transition period from the Removal Order to the NTC Removal Agreement, P/S continued to sample and complete removal actions under the Removal Order. As part of the SSAP and associated addenda, P/S organized the OU-1/OU-2 portion of the Site into 35 evaluation areas (EAs) to streamline sampling and removal activities.

On January 17, 2006, the USEPA entered into an Administrative Agreement and Order on Consent for Removal Action (Administrative Order) with 11 industrial companies (collectively, Foothills Community Partners [FCP]) to address the performance of time-critical removal activities at the Anniston Lead Site (USEPA 2006). The Anniston Lead Site shares a similar geographic extent with the Site. Because of potential overlap between the Administrative Order and the NTC Removal Agreement, a Stipulation was entered into by the USEPA and P/S to clarify P/S' obligation regarding residential sampling and removal activities in the four zones (Zones A, B, C and D) delineated in the Administrative Order. Paragraph 20 of the Stipulation also states that "[e]xcept for the RI/FS Agreement and SOW, the Parties agree that the PCD and the two Removal Agreements appendices to the PCD do not extend to any properties located outside of Zones A, B, C, and D, and the Parties expressly and completely reserve all of their respective rights under CERCLA with respect to such properties." Under the Administrative Order, the NTC Removal Agreement, and the Stipulation, the FCP had primary responsibility for sampling activities within Zones A and B and P/S had primary responsibility for sampling activities within Zones C and D (includes EA 1-34) (USEPA 2006). EA 35, which is outside of Zones C and D, was subsequently added to the residential property sampling program by agreement of P/S and the USEPA to characterize potential PCB concentrations in this area. The Lead Site Administrative Order required the FCP to perform removal action responses in Zones A and B at those properties with lead concentrations greater than or equal to 400 mg/kg, regardless of the PCB concentrations. Additionally, as part of a de minimis settlement for PCBs, the FCP was required to complete removal response actions at properties designated as Appendix 6 properties under the Administrative Order. This resulted in a number of removals conducted by the FCP in Zones A, B, and C that contained elevated levels of PCBs.

On July 31, 2012, P/S submitted the Completion Report (Golder 2012c) for the NTC Removal Agreement to meet the requirements of CERCLA and Section 300.165 of the National Contingency Plan (NCP) to document removal actions and sampling that were completed through April 30, 2012. The USEPA submitted comments on the Completion Report on May 16, 2013. P/S are currently preparing responses to the comments and will submit a revised Completion Report incorporating the responses. The completed residential removal actions were conducted in general accordance with the requirements of the NTC Removal Agreement and the Stipulation. Any additional sampling and removal actions addressed under the NTC Removal Agreement or the Removal Order will be summarized in addenda to the Completion Report, as necessary. A list of the properties sampled and removal actions completed, the quantities and types of materials disposed of, disposal locations of these materials, sample analysis results, and relevant documentation generated during the removal actions are included in the Completion Report. Tables 3-1a through 3-1c provide a summary of the number of properties sampled and the number of removal actions completed within the EAs and within Zones A and B.

3.1.1.1 Access and Sampling

Before sampling was initiated within a specific EA, residential properties were identified through a screening evaluation process that included a review of property information available from the Calhoun County tax assessor's office and a visual survey of the property. Properties were identified as residential or nonresidential. During the visual survey, it was noted if the property appeared to be occupied or vacant, if any structures existed, and/or if the area was heavily wooded/vegetated. Once a property was identified for sampling, a letter requesting property access for sampling (in accordance with the requirements of the Removal Order or the NTC Removal Agreement) was either mailed or hand-delivered to the owner/tenant(s). The USEPA approved these methods of delivery and provided oversight, as necessary, throughout the process. The USEPA provided assistance in securing sampling access to some properties.

Five-point composite surface soil samples were collected from residential yards or portions of yards and analyzed for PCBs and lead. These samples were collected in accordance with procedures in the SSAP. If the concentration of PCBs in surface soil samples was below 1 mg/kg and the concentrations of lead was below 400 mg/kg, then the yard was designated as complete, and no further sampling was required. If the PCB results were equal to or greater than 1 mg/kg or the lead results were equal to or greater than 400 mg/kg, additional sampling and a removal action were required for that portion of the yard. Responsibility for additional sampling and removal actions was assigned for each USEPA designated zone in accordance with the Stipulation and based on the concentrations of PCBs and lead measured in the soil. Within the EAs, the USEPA completed surface soil sampling at some properties by collecting individual grab samples in lieu of composite samples. In accordance with the approved SSAP, if the results of the grab sample analyses indicated PCB concentrations below 1 mg/kg, then the yard was designated as complete, and no further sampling was required. However, if analytical results from the grab samples indicated a PCB concentration greater than or equal to 1 mg/kg in a portion of the property, P/S resampled that portion of the property using composite sampling procedures included in the SSAP. Additionally, the USEPA used screening techniques to estimate the total PCB concentration for several properties located within EAs 1-35. The USEPA resampled many of these properties, and laboratory analyses were conducted to measure the actual PCB concentrations. For yard areas not reevaluated by the USEPA, P/S resampled that portion of the property using the SSAP procedures. The results from the composite sampling were used to determine if a removal response action was required.

If additional sampling (e.g., depth sampling) and a removal action were required, removal action access to perform these activities was requested from the owner/tenant(s). Similar to the initial access request for sampling, the owner/tenant(s) was sent a letter and an access agreement describing the required work and requesting access. Consistent with the access notification provisions of the NTC Removal Agreement, P/S provided the USEPA with a list of the owners and/or tenants of all properties where property access was not granted. If analytical results indicated total PCB concentrations above 1 mg/kg in surface soil and removal response access was granted, depth soil samples were collected in 12-inch increments from 12 inches bgs until a total PCB concentration of less than 10 mg/kg was detected in the subsurface soil. If surface soil total PCB concentrations were at or above 1 mg/kg and lead concentrations were greater than or equal to 400 mg/kg, lead depth sampling was conducted in 12-inch increments until a

lead sample contained less than 400 mg/kg or a maximum sampling depth of 36 inches bgs was reached.

For properties with surface soil total PCB concentrations equal to or greater than 1 mg/kg, crawl spaces beneath on-site structures were evaluated and sampled based on the criteria included in the SSAP. Additionally, if indoor access was granted, indoor dust sampling was conducted.

3.1.1.2 Residential Removal Action Summary

Where total PCB concentrations in surface soil samples were reported at or above 1 mg/kg, the NTC Removal Agreement and the Stipulation required (as the response action) the removal of the top 12 inches of soil from the impacted area (front, back, and/or side yard or portion thereof). Depending on the results of the depth sampling, soils below a depth of 12 inches were removed until the reported PCB concentrations were below 10 mg/kg. In addition, if the surface soil total PCB concentrations were reported at or above 1 mg/kg and the surface soil lead concentrations were at or above 400 mg/kg, soil from 12 inches to a maximum depth of 24 inches was removed if the lead level was at or above 400 mg/kg. This removal response was completed at all removal properties with the exception of 1520 McDaniel Avenue. This property located outside the EAs in Zone A required an alternative removal response action due to elevated PCB concentrations at depth. At this property, PCB concentrations were detected above 10 mg/kg in a composite sample collected from 10 to 11 feet bgs. Sixty grab samples were collected within the affected portion of the property. The results indicated that only two quadrants of the property had total PCB concentrations above the removal action clean level at depth. Based on the proximity of the two impacted areas to the existing on-site structure, P/S and the USEPA agreed to complete soil removal to a depth of 3 feet in one portion of the yard and to a depth of 5 feet in an adjacent portion of the same yard area. A geotextile fabric was placed at the bottom of the excavation as a marker layer to indicate the depth of the removal prior to placement of backfill material.

Removal actions were conducted in areas where residents had unrestricted access to soil that contained total PCBs at or above 1 mg/kg. This primarily included open yards, play areas, and gardens. The removal actions did not include improved areas covered with pavement or concrete. Partially improved areas, such as gravel-covered areas used for parking, were evaluated on a case-by-case basis to determine if they provided adequate capping and exposure protection. The removal actions did not extend beyond the staked boundary of each selected property and were not conducted in densely wooded areas, wetland areas, or other areas that were not readily accessible. Also, removal actions were not conducted in areas immediately surrounding trees with a caliper of 2 inches or larger, nor around bushes and shrubs unless the owner agreed that the bushes and shrubs could be removed. Where feasible, surface soil was scraped from under the canopy of trees and shrubs to within 2 to 3 feet of the trunk where the feeder roots surfaced. The removed soil was replaced with sod. Large stationary objects (such as storage sheds, animal shelters, etc.) were not moved, and setbacks around these objects were established. Hand tools and labor were used to minimize setback requirements where such additional activities did not jeopardize the integrity of the subject structures and improvements.

Of the 1,652 residential properties surface sampled in EA 1-35, P/S identified 419 properties with sampling results greater than or equal to 1 mg/kg. Removal actions have been completed at 370 of these properties. Partial removals have been completed at 10 properties where areas remain that contain total PCBs greater than 1 mg/kg and are currently unsuitable for removal and at 2 properties where additional removals are required at the footprint of a former structure. Removal actions have not been completed at the remaining 37 properties because the entire property is currently unsuitable for removal (24 properties), access has not been provided (11 properties), or removal actions are on hold pending an alternate removal action (2 properties). Table 3-1a provides a summary of the number of properties sampled and the number of removal actions completed for the residential properties within the EAs.

Note that two additional removal actions were completed (not included with these 370 properties) where the properties were inadvertently removed with the adjacent properties. Sampling results indicating that the properties had PCB concentrations above 1 mg/kg were not available. Additionally, P/S completed 3 removals in EAs 1–35 at residential properties later determined to be the responsibility of the FCP as part of the Administrative Order (i.e., Appendix 6 properties). These 3 properties are not included in the above totals nor provided on Table 3-1a.

As defined in the Stipulation, P/S identified 41 Special Use properties in EA 1-35. Special Use properties are schools, churches, day-care centers, community centers, playgrounds, and parks where persons, primarily children, are likely to spend considerable time. Of these Special Use properties, 9 required removal actions in areas defined as high activity and all of those removals have been completed. Table 3-1b provides a summary of the number of properties sampled and the number of removal actions completed for Special Use properties within the EAs.

Additionally, P/S have completed 196 removal actions in Zones A and B. Partial removals have been completed at 3 properties where additional areas unsuitable for removal remain. Properties in Zones A and B were identified for removal based on sampling conducted by either P/S or the USEPA under the Removal Order, or by the FCP. There are 11 remaining properties in Zones A and B that require a removal action by P/S. Removal actions have not been completed at these properties because either the entire property is currently unsuitable for removal (7 properties) or access has not been provided (4 properties). Table 3-1c provides a summary of the number of properties transferred to P/S and the number of removal actions completed for properties within Zones A and B.

In Zones A through D and Evaluation Area 35, P/S evaluated 221 crawl spaces beneath on-site structures based on the criteria included in the SSAP and completed removal responses at 98 of these properties. Additionally, indoor dust sampling was conducted at 366 properties, and indoor removal responses were completed at 33 properties.

Excavated soil with PCB concentrations less than 10 mg/kg was disposed of at permitted solid waste management facilities or at either of the on-site soil management areas located near the Facility—the central soil staging management area (CSSMA) or the south staging and soil management area (SSSMA). Soil with PCB concentrations of 10 mg/kg or greater, but less than 50 mg/kg was disposed of at Three Corners Regional Landfill in Piedmont, Alabama. Soil with PCB concentrations greater than 50 mg/kg was disposed of at Chemical Waste Management,

Inc.'s Toxic Substance Control Act (TSCA)-permitted disposal facility located in Emelle, Alabama.

The completed residential removal action is consistent with CERCLA and NCP regarding 40 CFR 300.415(d), which requires that to the extent practicable, removal actions contribute to the efficient performance of any anticipated long-term remedial action. Preparation of the EE/CA and the NTC Removal Action Approval Memorandum permitted P/S to conduct removal actions at residential properties impacted by PCBs as described in this document. As residual PCBs remain at certain residential properties, P/S will evaluate in the FS the need to address these properties through additional removal actions, operations and maintenance plans, and/or institutional controls. Within EAs 1–35, known residuals remain in surface soil at properties where removal actions have not been completed (49 properties) and at properties that have residuals at depth between 1 mg/kg and 10 mg/kg (80 properties). The properties with residuals at depth were completed in accordance with the NTC Removal Action Approval Memorandum (USEPA 2004b) that required depth excavations to extend until PCB concentrations were less than 10 mg/kg. In addition to these properties, there is one property that was completed under the removal action program that has residuals at depth greater than 10 mg/kg.

A summary of composite surface soil sampling and removal actions completed by P/S, the USEPA, and the FCP to address PCBs at residential properties in Zones A through D and EA 35 is presented in the table below. The table includes information regarding sampling and completed removal actions that was transferred to P/S from the FCP and the USEPA. As indicated in the table, removal actions have not been completed at all properties. Removal actions were not completed at properties where access was not provided, when such properties included a portion of the property that is unsuitable for removal, and Special Use properties that were sampled under the residential program but will be evaluated for removal based on the requirements for nonresidential properties in accordance with the Stipulation.

Summary of Composite PCB Soil Sampling and Completed Removal Actions

	Number of Properties with Composite Surface Samples for PCBs	Number of Properties with PCB Concentrations ≥ 1 mg/kg	Number of Removal Action Responses Completed	Number of Properties Requiring Further Removal Actions
Zone A	1779	134	124	13 (1)
Zone B	3912	153	131	25 (2)
Zone C	1617	381	340	41 (3)
Zone D	99	68	53	15 (4)
EA 35	25	8	8	0

Notes:

1) This includes 2 properties that are unsuitable for removal; 3 properties where removals have been completed, but additional removal is required; 2 properties that have not provided access to P/S; 3 properties with elevated detection limits for PCBs that were not transferred to P/S; 2 nonresidential properties transferred to P/S; and 1 property with PCB concentrations greater than or equal to 1 mg/kg that has not been transferred to P/S.

2) This includes 5 properties that are unsuitable for removal; 2 properties that have not provided access to P/S; 4 properties that also contain lead greater than 400 mg/kg; 7 properties with elevated detection limits for total PCBs

that were not transferred to P/S; and 7 properties with low activity areas greater than or equal to 1 mg/kg for total PCBs that will be evaluated as nonresidential.

3) This includes 18 properties that are unsuitable for removal; 9 properties where removals have been completed, but additional removal is required; 5 properties that have not provided access to P/S; 2 properties pending alternative removal responses; 4 properties with low activity areas greater than or equal to 1 mg/kg that will be evaluated as nonresidential; and three Appendix 6 properties where P/S does not have removal information.

4) This includes 6 properties that are unsuitable for removal; 3 properties where removals have been completed, but additional removal is required; and 6 properties that have not provided access to P/S.

3.1.2 On-Site Soil Management Areas

As approved by the USEPA, two on-site soil management areas, the CSSMA and SSSMA, were used for disposition of soil removed during the residential cleanup program. Only soil with total PCB concentrations less than 10 mg/kg, as measured by the five-point composite sampling procedure required by the NTC Removal Agreement (composite sampling procedure), were placed in the CSSMA and SSSMA. This sampling approach and concentration limit ensured that PCB-containing soils with concentrations exceeding 50 mg/kg would not be placed in the CSSMA or the SSSMA.

The CSSMA is located adjacent to the Facility, north of West 10th Street, east of Clydesdale Avenue, and south of the Norfolk Southern railroad tracks on property owned by Solutia. Details of the design and operation of the CSSMA are presented in the *Central Staging and Soil Management Area (Former Miller Property) Operation and Closure Plan* (O&C Plan; Solutia 2004c). The O&C Plan was prepared to supplement the RSRWP (Solutia 2004b) in accordance with the requirements of the NTC Removal Agreement. Initially, on July 27, 2004, the USEPA approved the placement of 25,000 cubic yards of PCB-containing soil and cover soil at the CSSMA. In correspondence dated October 15, 2004, the USEPA approved the disposal of up to 40,000 cubic yards of PCB-containing soil and cover soil at the CSSMA. The CSSMA began operation in August 2004, and the final load of PCB-containing soil was accepted on March 15, 2006. A final closure cover system was constructed over each cell consisting of a nonwoven geotextile placed above the PCB-containing soil and overlain by 1 foot of clean cover soil capable of sustaining plant growth. During its operating period, the CSSMA received approximately 25,800 cubic yards of PCB-containing soil excavated from residential properties.

The *Final Closure Report for the CSSMA* (Golder 2006a) has been submitted in accordance with the CSSMA O&C Plan and documents the construction, operating history, final volume of PCB-containing soil, final cover construction, and post-closure inspection requirements.

The SSSMA is located within the Site adjacent to the Facility, south of Alabama Highway 202, and bordering the east side of Monsanto Road. The property, comprising approximately 10 acres, is owned by Solutia and was previously used as a borrow area. The SSSMA began operation in September 2006 and is infrequently operated today. Details for the design and operation of the SSSMA were presented in the SSSMA O&C Plan (Golder 2006b), which was approved by the USEPA on May 4, 2006. The SSSMA O&C Plan was prepared to supplement the RSRWP (Solutia 2004b), which was prepared in accordance with the requirements of the NTC Removal Agreement. As included in the SSSMA O&C Plan, the USEPA approved the placement of approximately 202,000 cubic yards (including cover soils) of nonhazardous PCB-containing soil removed from residential properties as part of the NTC Removal Action. An interim closure report for the SSSMA and subsequent addenda (Golder 2010b, 2012d, and

2013c) were developed to meet the requirements of Section 6.4 of the SSSMA O&C Plan to document the construction, operating history, and volume of PCB-containing soil placed at the SSSMA. To date, the SSSMA has received approximately 54,000 cubic yards of PCB-containing soil excavated from residential properties with approximately 148,000 cubic yards of capacity remaining.

Both the CSSMA and SSSMA are monitored on a monthly basis under P/S ongoing operations and maintenance (O&M) program in accordance with the *Comprehensive Operations and Maintenance Plan for Remedial/Corrective Action Projects* (Comprehensive O&M Plan, Revision 3.1; Solutia 2014, Appendix A-39).

3.2 Interim Measures

A significant number of interim actions for OU-1/OU-2 have also been implemented as IMs for the Site as a whole and were designed to further reduce the potential for migration of PCBs from OU-3 to areas downstream of this OU. These IMs have been implemented under the jurisdiction of the RCRA Program and under the PCD. Figure 3-1 shows the locations where IMs have been implemented in OU-1/OU-2, and the locations are listed below:

- Northside properties
- Eastside properties
- CSSMA property (the Former Miller Property)
- Hall Street properties
- Quintard Mall
- Alabama Power Company (APCO) drainage ditch

Summaries for each of the IMs are given in the following subsections. Details and supporting information related to the IMs are provided in various documents included as Portable Document Format (PDF) files in Appendix A to this RI report. Appendix A is divided into Appendices A-01 through A-39. Table 3-2 includes a listing of the reference documents provided in Appendix A. The documents listed/numbered (A-01 through A-39) in Table 3-2 are arranged in chronological order. The documents in Appendix A are referred to in this report when pertinent and not necessarily called out in numerical order.

3.2.1 Northside Properties

In 1995, a program was initiated to purchase property in select areas north (the northside area) and east (the eastside area [Section 3.2.2]) of the Facility. The northside area is located directly north of the Facility (OU-3) and consists of eight Solutia-owned parcels and four parcels owned by others. The northside area is bounded to the north by West 10th Street, to the east by Clydesdale Avenue, to the west by West 9th Street, and to the south by the Norfolk Southern railroad tracks. Between 1998 and 2003, IMs were implemented to address PCB-containing soil at the northside area located directly north of the Facility (OU-3). The majority of structures on the purchased properties in the northside area were demolished, stormwater management features were installed, and multilayer isolation covers were placed over areas with PCB-containing soils. Figure 3-2a shows the overall northside area along with the extent of the IMs

implemented at the northside properties, soil sample locations beneath and surrounding the IM covers in the northside area, the maximum total PCB results associated with these soil samples, and the locations of groundwater monitoring wells installed in the overall northside area. Figures 3-2b through 3-2d show subset areas of the northside area along with the sample identifications (IDs) for the soil sample locations beneath and surrounding the IM covers in the northside area. Figure 3-2b shows the eastern portion of the northside area, Figure 3-2c shows the central portion of the northside area, and Figure 3-2d shows the western portion of the northside area. Table 3-3 provides a summary of PCB data for the northside area soil samples referenced on these figures. These data include both PCB screening results and analyte chemistry data.

The IMs for the northside area were conducted in three stages between 1998 and 2003 as summarized below.

3.2.1.1 1998 IM Construction

ADEM required the IMs in the northside area to be completed prior to sampling, evaluating, and remediating flood prone or downstream areas. An IM work plan (IMWP) (1997 IMWP; Golder 1997; Appendix A-03) was submitted to ADEM in June 1997 and approved by ADEM on July 28, 1997 (ADEM 1997; Appendix A-04). The IMWP included IMs across a range of interconnected properties on and surrounding the Facility, including the northside area, eastside area (described in Section 3.2.2), and the CSSMA property (the Former Miller property (described in Section 3.2.3). The design associated with the northside area IMs was later updated as presented in the *Supplemental Interim Measure Work Plan, Revision 2* (Solutia 1998a; Appendix A-13), which was approved by ADEM on September 10, 1998 (ADEM 1998; Appendix A-14).

The primary goal of the 1998 IM construction was to isolate PCB-containing soils and sediments on the northside area. The 1998 IMs consisted of covering and containing PCB-containing soils on Solutia-owned properties and constructing a comprehensive stormwater management system. The 1998 IM work consisted of the following components:

- Constructing soil isolation covers over approximately 7.5 acres. This work included:
  - clearing, with the exception of mature trees;
  - placing a nonwoven geotextile marker layer;
  - placing a minimum 14-inch-thick soil isolation cover;
  - constructing drainage swales along the boundaries between Solutia-owned property and adjacent properties; and
  - establishing a vegetative cover.
- Constructing new stormwater management structures that included:
  - lining the existing ditch with high-density polyethylene (HDPE) and an Armorform concrete lining system;
  - constructing a 7-foot-diameter drop manhole primary inlet structure;
  - installing a 42-inch-diameter welded HDPE pipeline;

  - installing a concrete box culvert under the intersection of West 10th Street and Parkwin Avenue; and
  - redirecting flow from the new box culvert into an existing box culvert that runs along the north side of West 10th Street, eventually outletting to the east of Clydesdale Avenue into the 11th Street Ditch.

- Constructing a low containment berm (designed to contain and direct stormwater flows from a 100-year, 24-hour design, storm event) that included constructing a riprap-lined emergency spillway on the northern section of the berm and constructing a perimeter ditch along the northern and western outside edges of the containment berm.
- Installing and replacing a chain-link security fence around the IM work area.
- Consolidating limited quantities of soil excavated from four nearby properties beneath the isolation covers. The properties included 721 Zinn Parkway, 1100 Pine Grove Road, 1215 West 10th Street, and 901 Clydesdale Avenue. Total PCB concentrations in soil at these properties were well below 50 mg/kg and generally below 15 mg/kg.

Additional details associated with the 1998 IM work are presented in the *Interim Measures Report* (Solutia 1998b; Appendix A-05) and the *Supplemental Interim Measures Report* (Solutia 1999; Appendix A-16).

3.2.1.2 2000 IM Construction

In 2000, additional construction activities were undertaken in the eastern portions of the northside area to extend the IMs completed during 1998 following Solutia's purchase of properties. IM construction took place between August 2000 and November 2000 following an IMWP for an extension of north side cover (Solutia 2000; Appendix A-21) that was submitted to ADEM in January 2000. The 2000 IM extension work included the following components:

- Constructing isolation covers that included:
  - placing a nonwoven geotextile liner in areas with lower total PCB concentrations (less than 500 mg/kg) and a 40-millimeter HDPE geomembrane liner in areas with higher PCB concentrations (equal to or greater than 500 mg/kg);
  - placing a minimum 14-inch-thick soil isolation cover and establishing a vegetative cover in non-traffic areas; and
  - placing a minimum 6-inch-thick dense graded aggregate and a minimum 3-inch-thick asphalt layer in traffic areas.
- Installing and/or replacing a chain-link security fence around the newly acquired Solutia-owned properties.
- Soil excavated from three nearby properties was consolidated beneath isolation covers in the northside area. The properties included the intersection of West 9th Street and Duncan Avenue, the intersection of West 10th Street and Parkwin Avenue, and east of Clydesdale Avenue north of Norfolk Southern railroad tracks. The IM report for the 2000 IM

construction work indicates that total PCB concentrations in soil at these properties were above 5 mg/kg.

Details of the 2000 IM work are presented in the *Northside Cover Extension Interim Measures Report* (Roux 2002; Appendix A-23).

3.2.1.3 2003 IM Construction

Additional IM activities were implemented in the northside area between February 2003 and July 2003 as a result of siting a Lafarge North America (Lafarge) concrete plant within the boundaries of the northside area. The property was owned by Solutia and leased to Lafarge. The work was initiated to preserve the integrity of the existing IMs by constructing additional engineering controls and infrastructure elements to accommodate the changed use of the property. The 2003 IM construction work included the following components:

- Constructing a concrete cover over the majority of the leased plant footprint; this work included clearing existing vegetation and constructing a 6-inch gravel base layer and an 8-inch-thick concrete top layer.
- Constructing a water recycling pond and wash bins; this work included excavating material from the location of the pond and wash bins, placing a 20-mil HDPE geomembrane liner along the sides and bottom of the pond and bin excavations, and covering the area with a 4-inch gravel subbase layer and 8 inches of concrete.
- Constructing a new access road to allow truck traffic to flow through the plant.
- Constructing a concrete arch culvert to allow adequate drainage through the existing drainage swale.

A detailed description of the 2003 IM work is included in the *Northside Cover Extension Interim Measures Report Addendum* (Roux 2004; Appendix A-24).

3.2.1.4 Monitoring and Maintenance

Long-term monitoring of the northside area IMs is conducted in accordance with the Comprehensive O&M Plan (Solutia 2014; Appendix A-39). The monitoring consists of quarterly inspections of the northside area IMs (i.e., security features, isolation covers, berms, ditches and drainage channels, and stormwater management features). Maintenance is conducted as needed based on the findings of the quarterly inspections.

The northside area IMs reduce potential exposure to, and migration of, PCB-containing soils. The isolation covers impede contact with the underlying PCB-containing soils and reduce the potential for migration of these soils. The installed stormwater management features convey stormwater in a controlled manner and reduce the potential for erosion and transport of materials from this portion of OU-1/OU-2.

3.2.2 Eastside Properties

Between 1997 and 2012, multiple IMs were implemented to address PCB-containing soil within an area located directly to the east of the Facility (the eastside area). The eastside area is located directly east of the Facility (OU-3) and consists of 20 Solutia-owned parcels and 14

parcels owned by others. The eastside area is bounded by West 10th Street to the north, Clydesdale Avenue to the west, Highway 202 to the south, and Montrose Avenue to the east. Six residential properties are located within the bounds of the eastside area and are being addressed under the NTC Removal Program.

In general, the IMs at the eastside area included constructing multilayer soil covers over areas with PCB-containing soils, installing perimeter fencing, and constructing stormwater management features. Figure 3-3a shows the overall eastside area along with the extent of the IMs implemented at the eastside properties, soil sample locations beneath and surrounding the IM covers in the eastside area, the maximum PCB results associated with these soil samples, and the locations of groundwater monitoring wells. Figures 3-3b through 3-3d show subset areas of the eastside area properties along with the sample IDs for the soil sample locations beneath and surrounding the IM covers in the eastside area. Table 3-4 provides a summary of PCB analytical data for the eastside area soil samples referenced on these figures. These data include both PCB screening results and analyte chemistry data.

The IMs for the eastside area were conducted in five stages between 1997 and 2012, as summarized below.

3.2.2.1 1997 IM Construction

As part of the same interim action program described above for the northside area, ADEM required IMs in the eastside area. The 1997 IMs implemented at the eastside area were implemented in accordance with the 1997 IMWP (Golder 1997; Appendix A-03) to contain soils and sediments on Solutia-owned properties and to manage stormwater flow.

The 1997 IM work within the eastside area consisted of the following components:

- Constructing a soil isolation cover over approximately 14.5 acres that included:
  - demolishing Solutia-owned structures within the area;
  - clearing the area, with the exception of mature trees;
  - placing a nonwoven geotextile marker layer;
  - placing a minimum 14-inch-thick soil isolation cover;
  - constructing drainage swales along the boundaries between Solutia-owned property and adjacent properties; and
  - establishing vegetative cover.
- Constructing a multilayer isolation cover over the existing east drainage ditch that included:
  - placing a nonwoven geotextile marker layer;
  - filling the existing drainage ditch;
  - placing either a 40-millimeter HDPE geomembrane liner or a composite 20-mil HDPE/bentonite liner over the backfilled soil;

  - placing a minimum 14-inch-thick soil isolation cover; and
  - establishing vegetative cover.

- Installing fencing, gates, and security locks around areas where isolation covers were constructed.
- Constructing several stormwater management features and welded HDPE pipelines to collect and convey stormwater runoff to the permitted NPDES discharge point on the south side of West 10th Street.

Additional details related to the 1997 IM work are presented in the IM report (Solutia 1998b; Appendix A-05) and the *Final Report for the Detention, Cap, and Cover Project* (ICF Kaiser Engineers Inc. [ICF Kaiser] 1998; Appendix A-08).

3.2.2.2 1998 IM Construction

A portion of the isolation cover for the Bethel Missionary Baptist Church property could not be constructed as designed in 1997 due to continued use of the church until December 1997. Following relocation of the church, the 1998 IM work at the site of the former Bethel Missionary Baptist Church consisted of constructing a soil isolation cover over approximately 1.9 acres.

The 1998 IM work was implemented as a continuation of the 1997 IM construction work described above and included demolishing the church and constructing a soil cover over the area consistent with the design described above (i.e., nonwoven geotextile marker layer, a minimum 14-inch-thick soil isolation cover, and a vegetative cover).

As part of the IM work and as approved by ADEM, limited quantities of soil excavated from certain off-site residential and commercial properties were consolidated beneath the soil covers constructed at the former location of the Bethel Missionary Baptist Church. The excavated soil was placed within the footprint of the demolished structure and was covered with the isolation cover materials.

Additional details associated with the 1998 IM work are presented in the supplemental IM report (Solutia 1999; Appendix A-16).

3.2.2.3 1999 IM Construction

The Mars Hill Missionary Baptist Church (1508 West 6th Street) covered two parcels approximately 1 acre in size. This area was not addressed as part of the 1997 IM construction work due to access issues. In August 1999, after resolution of access issues, IM activities were conducted at the Mars Hill Missionary Baptist Church property. The 1999 IM work included constructing a soil isolation cover (approximately 0.25 acres) over areas south and west of the church structure without asphalt. As described below, additional interim actions were implemented in 2012 in other portions of the Mars Hill Missionary Baptist Church property following demolition of the church.

3.2.2.4 2001 IM Construction

In 2000, Solutia acquired two additional parcels (referred to as the Icehouse property) located on the southern side of West 10th Street, contiguous with the eastside area. Following the removal of structures at the property, IMs were completed at the Icehouse property between June 2001 and September 2001. The IMs included constructing a soil isolation cover (i.e., a geotextile marker layer, a soil isolation cover, and a vegetated, topsoil layer) over an approximately 1.25-acre area on areas of the property without asphalt and installing a perimeter fence around the property. The limits of the IM cover constructed at the Icehouse property are shown in Appendix A-22.

3.2.2.5 2012 IM Construction

In 2012, the former Mars Hill Missionary Baptist Church was demolished and a soil isolation cover was constructed over approximately 0.84 acres at the property. The supplemental IM work was conducted in general accordance with the *Former Mars Hill Church Parcels Soil Cover Design Details* (Golder 2012e; Appendix A-34). The supplemental IM construction at the property consisted of installing a nonwoven geotextile marker layer, placing a minimum 12-inch-thick soil cover, and establishing a vegetative cover.

Details of the IM are presented in the Completion Report (Golder 2012c; Appendix A-37).

3.2.2.6 Monitoring and Maintenance

Long-term monitoring of the eastside area IMs is conducted in accordance with the Comprehensive O&M Plan (Solutia 2014). This monitoring consists of quarterly inspections of the eastside areas IMs (i.e., security features, isolation covers, berms, ditches and drainage channels, and stormwater management features) as well as inspections following storm events with more than 3 inches of precipitation in a 24-hour period. Maintenance is conducted as needed based on the findings of the quarterly inspections.

The eastside area IMs reduce potential exposure to and migration of PCB-containing soils. The isolation covers impede contact with the underlying PCB-containing soils and reduce the potential for migration of these soils. The installed stormwater management features convey stormwater in a controlled manner and reduce the potential for erosion and transport of materials from this portion of OU-1/OU-2.

3.2.3 Central Staging and Soil Management Area Property (the Former Miller Property)

Interim actions were implemented to address PCB-containing soil at the CSSMA property located on the Former Miller Property prior to its use as the CSSMA. The approximately 9-acre CSSMA property includes two property parcels owned by Solutia. The CSSMA property is located north of West 10th Street, east of Clydesdale Avenue, west of McDaniel Avenue, and south of the Norfolk Southern railroad tracks. As described in Section 3.1.2, the CSSMA property includes areas approved by the USEPA for disposing of soil removed under the NTC residential removal program. However, the final disposition of soil at the CSSMA will be determined by the USEPA under the Record of Decision (ROD) for OU-1/OU-2. Prior to construction of the CSSMA, an IM was implemented on the property in 1997 to address existing PCB-containing soils on the property and manage stormwater.

Figure 3-4 shows the extent of the IM implemented in 1997 at the CSSMA property along with the closed CSSMA cells. Figure 3-4 also shows soil sampling locations beneath and surrounding the IM cover in the CSSMA/Miller Property area, the maximum total PCB results associated with these samples, and the locations of groundwater monitoring wells installed at the CSSMA property. Table 3-5 provides a summary of PCB analytical data for the soil samples referenced on this figure. These data include both PCB screening results and analyte chemistry data. The 1997 IM at the CSSMA property is summarized below.

3.2.3.1 1997 IM Construction

The IM constructed between May 1997 and February 1998 at the CSSMA property was implemented in accordance with the 1997 IMWP (Golder 1997; Appendix A-03), and designed to contain soils and sediments on Solutia-owned properties and collect and convey stormwater. The 1997 IM at the CSSMA property was completed in conjunction with the IMs implemented at the eastside properties as part of ADEM's requirement described above for the northside and eastside areas. IM covers were constructed over approximately 3.14 acres at the CSSMA property. The western portion of the commercial property between the railway tracks and West 10th Street, east of Clydesdale Avenue (which forms the western portion of the CSSMA property) was excluded from the 1997 IM cover limits, because it was not owned by Solutia at the time. The 1997 IM at the CSSMA property consisted of the following:

- Clearing the area, with the exception of mature trees
- Constructing a soil isolation cover that included:
  - placing a nonwoven geotextile marker layer;
  - placing a minimum 14-inch-thick soil isolation cover;
  - constructing drainage swales along the boundaries between Solutia-owned property and adjacent properties; and
  - establishing vegetative cover.
- Constructing a multilayer isolation cover over an existing drainage ditch that included:
  - placing a nonwoven geotextile marker layer;
  - filling an existing drainage ditch;
  - placing a flexible membrane liner (either a 40-millimeter thick HDPE geomembrane liner or a composite 20-millimeter HDPE/bentonite liner) over the backfilled soil;
  - placing a minimum 14-inch-thick soil isolation cover; and
  - establishing vegetative cover.
- Installing security fences, gates, and locks to limit the potential for unauthorized entry to the area
- Constructing stormwater control features to collect and convey stormwater across the CSSMA area and underneath the Norfolk Southern railway tracks to the 11th Street Ditch– The CSSMA stormwater control features consisted of:

- a precast concrete box culvert extending north from the 10th Street dissipater structure to convey flow under West 10th Street;
- a concrete headwall at the downstream end of the box culvert; and
- an open channel, portions of which are lined with riprap, conveying stormwater to an existing concrete box culvert under the railroad tracks and into the 11th Street Ditch.

Additional details related to the 1997 IM work are presented in the IM report (Solutia 1998b) and the detention, cap, and cover report (ICF Kaiser 1998, Appendix A-08).

3.2.3.2 Monitoring and Maintenance

In 2006, deed restrictions were placed on the two parcels comprising the CSSMA, restricting future use of the property for commercial and/or industrial purposes, restricting the installation of any groundwater supply wells, and identifying requirements and procedures for long-term maintenance of the final covers. A copy of the deed restriction is provided in the *Central Staging and Soil Management Area (Former Miller Property) Final Closure Report* (Solutia 2006; Appendix A-30)

Inspections at the CSSMA property are conducted monthly and after significant rainfall events, in accordance with the USEPA-approved CSSMA O&C Plan (Solutia 2004c; Appendix A-25). Maintenance is conducted as required based on the inspections. Annual effectiveness reports for the CSSMA are submitted to the USEPA summarizing inspection and maintenance activities and documenting the effectiveness of the final CSSMA cover placement.

The CSSMA IMs and subsequent development and closure of the CSSMA reduce potential exposure to, and migration of, PCB-containing soils. The isolation covers impede contact with the underlying PCB-containing soils and reduce the potential for migration of these soils. The installed stormwater management features convey stormwater in a controlled manner and reduce the potential for erosion and transport of materials from this portion of OU-1/OU-2.

3.2.4 Hall Street Properties

Between 2004 and 2006, an IM was implemented to address PCB-containing soil at three adjacent property parcels along Hall Street (collectively referred to as the Hall Street properties) located in the city of Oxford, Alabama. The properties were originally sampled as part of the Removal Order. However, following completion of the IM and placement of a deed restriction preventing future residential use of the properties, the properties were reclassified as nonresidential. The nonresidential status of these properties is also consistent with being located within the floodway as defined by FEMA.

The IM implemented at the Hall Street properties consisted of constructing a soil isolation cover (geotextile marker layer, 1-foot soil cover, and vegetative cover) over approximately 1.3 acres to isolate PCB-containing soil at these properties. Figure 3-5 shows the extent of the IM cover installed at the Hall Street properties and summarizes total PCB results for soil samples collected beneath the IM covers. The soil isolation cover extended over all of the soil sample locations collected at the Hall Street properties on the west side of Snow Creek. The USEPA collected soil sample PB-RRB3-05 on the east side of the creek. This area east of the creek is

included in EU26 and is being evaluated with the floodplain soils in the FS for OU-1/OU-2. Details for the IM are shown on drawings included in Appendices A-26, A-29, and A-31 (Taylor Land Surveying Inc. [Taylor] 2005, 2006, 2007).

Following implementation of the IM, a deed restriction was established for the properties preventing future residential use of the properties. Property ownership was transferred to the Oxford Water and Sewer Board. A copy of the deed restriction is included in Appendix A-32 (Calhoun County 2007).

This IM and the established deed restrictions reduce potential exposure to, and migration of, PCB-containing soils at the Hall Street properties by isolating these soils beneath the isolation cover.

3.2.5 Quintard Mall

Between September 1998 and May 2001, IMs were implemented at the Quintard Mall located on South Quintard Avenue in the city of Oxford. The IMs were implemented in conjunction with expansion activities at the mall that included constructing additional retail space, a cinema complex, and a parking lot on the eastern side of the previously existing development. P/S, in cooperation with Quintard Mall, Ltd., implemented the interim actions to address sediments and soils that were excavated from the main channel of Snow Creek and its adjacent floodplain. As part of the construction activities, the reach of Snow Creek that passes through the mall property was widened, lined with concrete, and channeled beneath the parking lot and mall.

To facilitate the Snow Creek channel construction, a temporary channel was excavated to divert Snow Creek around the work area. Based on sampling conducted as part of the mall expansion, excavated soils and sediments with total PCB concentrations equal to and greater than 50 mg/kg were transported for off-site disposal at the Chemical Waste Management TSCA-approved landfill in Emelle, Alabama. Excavated soils and sediments containing total PCBs at concentrations less than 50 mg/kg were placed beneath the parking lot at the mall property, and multilayer asphalt covers were constructed to isolate the PCB-containing soils/sediment and provide property improvements. Excavated soils/sediments with total PCB concentrations less than 50 mg/kg were also used to backfill the sidewalls along the creek channel beneath the parking lot and to increase the elevation of the ground surface to accommodate the mall foundation. Following material placement in these areas, multilayer cover systems consisting of crushed aggregate base material and concrete were constructed to isolate PCB-containing soils/sediments and provide infrastructure.

The locations where the excavated soils/sediments were consolidated at the mall property were designated as Area #1 through Area #5 as shown on Figure 3-6. This figure also summarizes PCB results for areas beneath the IM covers based on soil sampling conducted as part of the IM construction activities.

The interim actions implemented at the Quintard Mall reduce potential exposure to and migration of PCB-containing soils/sediments at the property. The areas where asphalt and concrete covers have been placed isolate underlying PCB-containing soils, prevent contact with the soils, and mitigate potential for migration of the soils. The concrete channel installed to

direct Snow Creek under the property reduces the potential for erosion and transport of PCB-containing soils and sediment into Snow Creek.

Additional details associated with the Quintard Mall IM are provided in the *Interim Measures Report - Quintard Mall* (Roux 2013; Appendix A-38).

Long-term inspection and maintenance requirements for this IM will be reviewed as part of the FS process.

3.2.6 Alabama Power Company Drainage Ditch

In 1996, an IM was completed to concrete line the southern portion of the stormwater ditch between the northwest corner of the Facility and the APCO switchyard to the west. The IM work for the APCO drainage ditch included the constructing a concrete-lined cover over the southern portion of the drainage ditch (i.e., the APCO Ditch South Section) between OU-3 and the portion of the ditch immediately adjacent to the APCO switchyard. Figure 3-7 shows the area along with the extents of the IM, soil and sediment sample locations beneath the IM cover, and available PCB results associated with these soil and sediment samples. The northern limit of the APCO Ditch IM abuts the southern limit of the drainage ditch immediately adjacent to the APCO switchyard which was lined with concrete as part of the 11th Street Ditch project (i.e., the APCO ditch segment A1) as discussed in Section 3.3.1 and as shown on Figure series 3-8a through 3-8e. The APCO Ditch IM work was completed in conjunction with work at the West End Landfill which is directly south of this ditch within OU-3.

As detailed in the OU-3 RI/FS, remedial activities to close and upgrade the West End Landfill within the southwest corner of OU-3 were completed in 1996. The full scope of remedial activities at the West End Landfill included constructing a multimedia HDPE cover system over the landfill area, excavating and removing PCB-containing soil and placing clean soil cover over adjacent areas of the landfill, and collecting stormwater runoff from the landfill and installing hard piping and lined channels to transport the runoff. This allowed closing drainage ditches with affected sediment.

Details of the IM are presented in the following documents:

- *Anniston West End Landfill Site Investigation* (Geraghty & Miller Inc. 1994; Appendix A-01).
- Construction Drawings for Revised Cover system West End Landfill, Anniston, Alabama (Golder 1995; Appendix A-02).

3.2.6.1 Monitoring and Maintenance

Long-term monitoring of the APCO Ditch IM is conducted in accordance with the Comprehensive O&M Plan (Solutia 2014). The monitoring consists of quarterly inspections of the IM as part of inspections of the West End Landfill to the south and 11th Street Ditch to the north. Maintenance is performed as needed based on the findings of the quarterly inspections. Stormwater runoff from the landfill was routed to a stormwater outfall designated as DSN-006. Surface water monitoring at this outfall reported no detections for PCBs between December

1997 and May 2001. As a result, monitoring at this outfall is no longer required by the Facility's NPDES Permit.

The APCO Ditch IM reduces potential exposure to and migration of PCB-containing soils. The concrete lining impedes contact with the underlying PCB-containing soils and reduces the potential for migration of these soils. The installed stormwater management features convey stormwater in a controlled manner and reduce the potential for erosion and transport of materials from this portion of OU-1/OU-2.

3.3 Other Removal Actions

There have been a number of remedial actions in OU-1/OU-2 that were not classified as formal IMs or as part of the residential removal program. These removal actions were completed under regulatory agency oversight and assist in highlighting the significant amount of source control actions that have been conducted for OU-1/OU-2.

3.3.1 11th Street Ditch Project

In 1989, approximately 1,000 tons of sediments were removed from the 11th Street Ditch and a portion of Snow Creek. This remediation project was completed as part of an investigation conducted in cooperation with the USEPA, the Alabama Attorney General, and ADEM. The excavated sediments were transported and disposed of at an off-site landfill owned by Chemical Waste Management in Emelle, Alabama.

In 2004, the 11th Street Ditch was lined with concrete under the PCD in accordance with the requirements of the AOC for removal actions. These 11th Street Ditch removal activities were conducted between August 2004 and December 2004, in accordance with the AOC that is Appendix C to the PCD and the USEPA-approved remedial design dated May 2003. The 2004 11th Street Ditch removal and lining activities, including certain exceptions and additions to the May 2003 remedial design, were reported in detail in the *Completion Report 11th Street Ditch Removal Response Action* (Roux 2005a; Appendix A-27). The AOC established the following goals for remediating the 11th Street Ditch:

- Prevent the potential for direct contact with soils and sediments with a total PCB concentration of 10 mg/kg or higher
- Prevent the release of soils and sediments with a total PCB concentration exceeding 1 mg/kg.

Figure 3-8a shows the overall 11th Street Ditch area, including the portions of the APCO ditch that have been lined with concrete (ditch segment A1 and the south section of the ditch as described in Section 3.2.6). Figures 3-8b through 3-8e show subset areas of the 11th Street Ditch project along with the extent of the cover systems, soil sample locations beneath the covers, and the maximum PCB results associated with these soil samples. These figures extend from the western portion of the 11th Street Ditch and the APCO ditch (Figure 3-8b) to the eastern portion of the 11th Street Ditch (Figure 3-8e). Table 3-6 provides a summary of PCB data for the soil samples below the cover systems constructed as part of the 11th Street Ditch project. These data include both PCB screening results and analyte chemistry data.

The remediation goals were achieved through select excavation and disposal of impacted soils and sediments and installation of a liner within the ditch. Excavation was generally conducted in portions of the ditch where samples indicated total PCB concentrations above 10 mg/kg. The ditch sidewalls were excavated to a depth of 6 inches. The ditch bottom was excavated to a depth of 6 inches or 12 inches, depending upon the observed sediment depth (determined during predesign studies). Approximately 4,060 tons of soils and sediments with total PCB concentrations less than 50 mg/kg (non-TSCA) were transported to Three Corners Landfill in Piedmont, Alabama, for disposal. Approximately 550 tons of soils and sediments with total PCB concentrations greater than or equal to 50 mg/kg were transported to Chemical Waste Management's TSCA-approved facility in Emelle, Alabama, for disposal. An additional 440 tons of debris (non-PCB railroad ties, plates, and miscellaneous construction debris) were also removed and disposed of.

Subsequent to excavation, the ditch was lined with one of the following:

- Concrete Liner - Approximately 6,700 linear feet of ditch were lined with geocomposite and a wire mesh-reinforced concrete with a design strength of 4,000 pounds per square inch (psi). Concrete was installed in formed sections to a minimum depth of 6 inches. The concrete was poured in some sections and pneumatically applied (shotcrete) in some sections, depending on the shape of the ditch (i.e., steepness of the side slopes). Contraction joints were installed every 20 feet and expansion joints were installed every 60 feet along the length of the ditch. Recycled rubber curbs were also installed in selected locations within the ditch to attenuate higher anticipated post-construction flow velocities.
- Geotextile and Riprap - Geotextile and riprap were installed in two locations: the vegetated swale located north of ditch segment B4 and the terminus of the ditch at Snow Creek. The vegetated swale located north of ditch segment B4 was lined with a nonwoven geotextile and an approximate 12-inch layer of riprap to attenuate post-construction flow velocity. The banks of Snow Creek at the terminus of the 11th Street Ditch were lined with a nonwoven geotextile and an approximate 12-inch layer of riprap to minimize erosion. The bottom of Snow Creek at the terminus of the 11th Street Ditch was lined with riprap only. Concrete was applied to the riprap directly adjacent to the side slopes of the ditch to further stabilize the area and attenuate the higher anticipated exit velocity of ditch flow.
- Concrete Only - Approximately 420 linear feet of the APCO ditch (ditch segment A1) were lined with concrete directly above existing riprap in the ditch. As part of the remedy, shotcrete with a strength of 4,000 psi was applied to the riprap to fill in the voids between the stones.

Long-term monitoring of the 11th Street Ditch corrective measure is conducted in accordance with the *Operations and Maintenance Plan – 11th Street Ditch Removal Response Action (*Roux 2005b; Appendix A-28) and the Comprehensive O&M Plan (Solutia 2014). This monitoring consists of quarterly inspections of the concrete liner cover, energy dissipation curbs, riprap and concrete cover, geotextile and riprap cover, geotextile and gravel cover, riprap cover, and notification signs. Maintenance is conducted as needed based on the findings of the quarterly inspections.

The completed 11th Street Ditch project reduces potential exposure to, and migration of, PCB-containing soils. The isolation covers impede contact with the underlying PCB-containing soils and reduce the potential for migration of these soils. The installed stormwater management features convey stormwater in a controlled manner and reduce the potential for erosion and transport of materials from this portion of OU-1/OU-2.

3.3.2 Snow Creek Sediment Removal and Dredge Spoil Piles

Dredging activities previously performed in Snow Creek by the City of Anniston resulted in a series of dredge spoil areas placed along the nearby banks of the creek. Dredge spoil piles from the dredging of Snow Creek were located and mapped in the *Dredge Spoil Evaluation Report* (Roux 1998; Appendix A-15) and *the Dredge Spoil Area RFI/CS Phase 1 Report* (Roux 1999; Appendix A-17). The dredge spoil piles from Snow Creek are shown on Figure 3-9. Figure 3-9 also shows where the former dredge spoil piles have been removed. In 2009, dredge spoil SC-3 was removed as part of a residential removal action conducted under USEPA oversight, and three of the dredge spoil piles were removed at the request of the City of Anniston (dredge spoils SC-4, SC-5, and SC-6). In conjunction with the removal of dredge spoils SC-4, SC-5, and SC-6, the City of Anniston conducted sediment removal activities in 2009 along a portion of Snow Creek. In September 2012, field reconnaissance activities were performed to document the condition of each remaining dredge spoil area along Snow Creek. The findings of these reconnaissance activities were summarized in the *Dredge Spoil Evaluation Report, Snow Creek and Choccolocco Creek, Calhoun and Talladega Counties, Alabama* (Roux 2012; Appendix A-36). Removal and off-site disposal of the four dredge spoil areas and the 2009 sediment removal activities are discussed below.

3.3.2.1 Removal of Dredge Spoil Area SC-3

Dredge spoil area SC-3 was incorporated into the residential removal action completed at 710 Pine Street (Parcel 2609) in June and July 2009. Approximately 144 tons of soil/sediment containing less than 50 mg/kg of PCBs was loaded into roll-off box containers and staged prior to being transported to Three Corners Landfill for disposal. After removal of the dredge spoil pile, the area was restored with clean vegetated soil cover (consistent with the 710 Pine Street property). This removal action is detailed in the *Snow Creek Dredge Spoil Pile Removal, 710 Pine Street Property* (Genesis 2012; Appendix A-35).

3.3.2.2 Snow Creek Sediment Removal and Removal of Dredge Spoil Areas SC-4, SC-5, and SC-6

In November 2009, the City of Anniston conducted sediment removal activities in a portion of Snow Creek between Pine Street and Glen Addie Avenue as part of efforts to improve stream flow and reduce flooding potential in this area of the city. In October 2009, a scope of work document was prepared for the Snow Creek sediment removal and submitted to the USEPA for review and approval. In correspondence dated October 29, 2009, the USEPA confirmed that the proposed removal work could be performed as part of P/S' response obligations under the PCD. The USEPA subsequently approved the scope of work. Copies of the scope of work and the USEPA's correspondence are provided in the *Snow Creek Sediment Removal Action Completion Report* (Solutia 2010; Appendix A-33).

Following approval of the SOW by the USEPA, the City of Anniston conducted sediment removal activities. Approximately 250 to 500 cy of sediment along the north and south sides of Snow Creek were targeted for removal as part of the work. The excavated sediments were transported to the Three Corners Landfill in Piedmont, Alabama. Following the sediment removal activities, the disturbed areas were restored with seeding and mulching. Additional details associated with these activities are described in the Snow Creek Completion Report (Solutia 2010; Appendix A-33)

In conjunction with the sediment removal activities, dredge spoil areas SC-4, SC-5, and SC-6 were removed in November 2009. Approximately 405 tons of soil/sediment containing less than 50 mg/kg of PCBs was transported to Three Corners Landfill for disposal. Approximately 12 tons of soil/sediment containing PCB concentrations greater than 50 mg/kg were disposed at Chemical Waste Management's TSCA-approved landfill in Emelle, Alabama. Following completion of removal activities, disturbed areas were either seeded and mulched or covered with gravel. This removal action is also detailed in the Snow Creek Completion Report (Solutia 2010).

4 OU-1/OU-2 Investigations

This section of the RI report describes the investigations that have been conducted for floodplain soils, sediment, surface water, groundwater, air, and habitat in OU-1/OU-2. The information includes the general objectives for the various sampling programs implemented by P/S, the USEPA, and others. Details regarding the number of samples collected for the various environmental media and the associated analytical chemistry programs are also discussed. Sample location maps by program are provided along with a tabular listing of the data. These data are evaluated in the Section 5 discussion of the nature and extent of contamination. The data presented in this RI report are also included in Appendix B in an electronic format.

4.1 Floodplain Soil Investigations

The floodplain soil data for OU-1/OU-2 were generated under several investigation programs including the nonresidential and residential sampling programs discussed below in Sections 4.1.1 and 4.1.2, respectively. While the residential sampling was focused on assessing if the residential use or high-activity portions of Special Use properties were above or below 1 mg/kg for PCBs in surface soils, the nonresidential sampling programs were focused on documenting the nature and extent of PCBs in OU-1/OU-2 and supporting the baseline risk assessments. The nature and extent of constituents other than PCBs were also evaluated during some of these investigations. These efforts were undertaken to confirm the results of prior sampling that indicated PCBs should be the constituent of primary concern.

The floodplain soil dataset for OU-1/OU-2 has been updated from the dataset that was initially used to prepare the OU-1/OU-2 HHRA in 2010. Since that time, additional sampling results have become available and a range of removal actions have been conducted. The changes in the dataset are limited to floodplain soil sample results for PCBs and other constituents and are being included in the OU-1/OU-2 RI report to represent current conditions and support the forthcoming FS report for OU-1/OU-2 (OU-1/OU-2 FS report). To provide transparency regarding the sample results that were initially used to prepare the OU-1/OU-2 HHRA and the dataset presented in this OU-1/OU-2 RI report, a detailed accounting of the sample results is presented in Appendix F This includes sample results that are no longer representative of current conditions (e.g., the sample results were associated with a removal action or IM) and sample results that have been added to the OU-1/OU-2 dataset based on new information. The updated dataset reflects the floodplain soil sample results presented in Section 4 and the nature and extent of contamination evaluation presented in Section 5. While the floodplain soil dataset has been updated, these changes do not alter the overall conclusions of the OU-1/OU-2 HHRA.

4.1.1 Nonresidential Floodplain Soil Sampling

There are five general sources of floodplain soil data for the nonresidential properties in OU-1/OU-2. The largest nonresidential floodplain soil sample collection program was implemented under the OU-1/OU-2 Nonresidential Properties FSP (BBL 2004b) and associated addenda (BBL 2005a and 2006) and included both surface and subsurface soil sampling. The nonresidential FSP also included sampling for sediment, surface water, groundwater, and air as discussed later in this section. The nonresidential sampling program implemented under BBL (2004b) and associated addenda (BBL 2005a and 2006) are discussed below in Section 4.1.1.1. The other four programs are discussed in Section 4.1.1.2.

The nonresidential floodplain soil sampling locations for OU-1/OU-2 are shown on Figure 4-1. The figure provides different colored symbols to reflect the source of the data. The specific locations where nonresidential surface soil samples were collected are shown on Figure 4-2. This figure includes a black dot in the center of sample location markers denoting whether the sample from this location was analyzed for constituents other than PCBs and lead. Lead was listed along with PCBs because lead was frequently included in the analysis with PCBs and an attempt to separate the lead and PCB analysis would preclude the ready identification of sample locations where constituents other than lead and PCBs were analyzed. Locations where subsurface samples were collected are presented on Figure 4-3. The PCB data associated with these sampling locations are presented in Table 4-1 and include the source of the data. Also included are the sample date, location, field sample ID number, sample interval in terms of the depth bgs, and the associated total PCB concentration. Some of the samples listed in Table 4-1 are also included in Table 4-2, which presents the floodplain soil data for locations where groundwater wells were installed. In some cases, soils in the area where the groundwater well was installed were excavated to facilitate construction of groundwater wells without the risk of contamination drag-down occurring during the installation process. In these cases, the floodplain soil data in the excavated areas have not been presented in Table 4-1 as part of the dataset that is used to evaluate the nature and extent of contamination in OU-1/OU-2. This was done because the data are no longer applicable due to the soils being removed. If the soils were not excavated to facilitate installation of a groundwater well, they are presented in Table 4-1 as part of the nature and extent of contamination dataset for this RI report. Soil data for groundwater wells installed in OU-4 are also not included in Table 4-1. The floodplain soil PCB data for the areas excavated as a part of groundwater well installation have been preserved in Table 4-2 as a record of floodplain soil conditions that existed prior to removing impacted soils and installing the groundwater wells.

Data associated with previously implemented IMs and removal actions with the exception of the residential removal actions are presented in the Section 3 tables and figures. These data include both screening and analytical chemistry results that will be used to evaluate the effectiveness of the IMs and nonresidential removal actions in the OU-1/OU-2 FS. Data for residential properties addressed under the NTC Agreement were presented in the removal action completion report for residential properties (Golder 2012c) and are not repeated in this RI report.

Results for floodplain soil samples analyzed for constituents other than PCBs are summarized in Table 4-3. This table includes the number of times an analysis was conducted for a particular constituent; the frequency of detection; and the minimum, maximum, and mean concentration values. In addition to the chemical constituents identified by the USEPA as part of the wider constituent list, there are additional constituents that were analyzed by the USEPA. These constituents are listed at the bottom of Table 4-3 and are being included for completeness.

4.1.1.1 Nonresidential Field Sampling Plan Floodplain Soils

The primary objectives of the nonresidential FSP were to better define the nature and extent of PCBs on the nonresidential properties of OU-1/OU-2 and provide sufficient data to evaluate baseline risks. In addition to these PCB data, 10% of the soil samples were also selected for analysis of a wider list of constituents. The nonresidential soil sampling program for surface

soils in OU-1/OU-2 was designed according to the 7-step data quality objective (DQO) process and included sampling in 30 separate EUs (termed CAs at the time) based on multiple features including:

- limits of the drainage areas and 100-year floodplain for Snow Creek;
- natural and man-made physical features (i.e., ridges, valleys, elevated highways, bridges, culverts, railroad beds—essentially features that could impact sediment transport patterns);
- land use and continuity (i.e., if a park is divided by a road or railroad, the entire park would still be grouped into one EU); and
- similarity of location with respect to suspected sediment transport and deposition characteristics (i.e., PCBs transported via surface water are contained in the 100-year floodplain and generally decrease moving in the downstream direction from the Site).

Within each of the 30 EUs, the properties evaluated under the residential program and areas covered by impervious improvements (i.e., parking lots, buildings, roads) were excluded from the floodplain soil investigation. The improved areas represent a small geographic portion of the overall nonresidential area in OU-1/OU-2. Sampling conducted within the unimproved areas provided data sufficient for characterization and risk assessment.

The number of floodplain sampling locations in each EU was developed based on a three-step process that considered the following:

1. The number of sample locations needed to characterize the nature and extent of potential contamination in each EU
2. The number of samples needed to calculate a 95% upper confidence level on the mean (UCL) to support the HHRA
3. Selection of the larger of these two sample numbers for the sampling program

Specific sample locations within each EU were identified using the Visual Sample Plan (VSP) approach (Gilbert 2002), which is consistent with USEPA's DQO process (USEPA 2000a, 2000b). The VSP approach can be used to select sampling locations for a variety of sampling scenarios and was used for the design of the nonresidential floodplain sampling program. A random sample assignment using the software's quasi-random capability was employed to distribute the locations of samples identified for each EU. This approach optimized spatial coverage while still maintaining a degree of randomness (USEPA 2002a). While implementing the sampling program, the identified sample locations were adjusted as necessary to ensure that the proposed locations fell within areas that could be sampled and were representative of the surrounding area. All surface soil samples were analyzed for PCB Aroclors and total organic carbon (TOC). Approximately 20% of the samples were analyzed for grain size, and 10% of the samples were analyzed for the wider list of constituents. Samples that appeared to contain foundry debris or fill were also analyzed for lead if they were not already selected for the wider list of constituents.

As detailed in Addendum 1 to the FSP (BBL 2005a), a total of 477 new locations (in addition to the 82 locations previously sampled by the USEPA to characterize the nonresidential portion of OU-1/OU-2) were identified for sampling as part of the DQO process. Due to property access issues, only 470 locations were actually sampled as part of this program. Surface soil sampling began in July 2006 and was completed in September 2007. A total of 496 surface soil samples (including 26 duplicate samples) were collected as individual grabs from the 0- to 6-inch horizon and submitted for PCB and TOC analyses. A total of 91 of these samples (including 5 duplicates) were submitted for analysis of the list of wider constituents. In addition, 99 samples (including 11 duplicates) were submitted for grain size distribution analysis. Evidence of foundry fill was observed at 32 locations, and samples from these locations were submitted for lead analysis.

The subsurface soil sampling component of the nonresidential program was targeted to the 10% of locations with the highest PCB concentrations in nonresidential surface soils. Because the subsurface sampling was targeted at the installation of groundwater wells in the areas with highest surficial PCB (0- to 6-inch soil horizon) concentrations, the subsurface samples ranged from 6 to 48 inches. The 10% subsurface locations were selected from the 470 locations investigated as part of the sampling work described above and the 82 USEPA sampling locations identified for use in the characterization process. After property access issues were addressed, a total of 55 locations were selected for subsurface sampling. The subsurface sampling and analytical program used a combination of laboratory and field screening techniques. Beginning with the 6- to 12-inch soil horizon at each location, field screening techniques were used to determine if the total PCB concentration of the sample was greater than or less than 1 mg/kg. If the total PCB concentration of the sample was less than 1 mg/kg, the sample was submitted to the laboratory for analytical confirmation, and the subsurface program was considered complete at this location. If the total PCB concentrations screened greater than 1 mg/kg, the next depth increment (12–24 inches) was screened; if that sample was less than 1 mg/kg, it was submitted to the laboratory.

Laboratory analysis for PCBs was conducted on all samples that screened above 1 mg/kg and from the first interval that screened below 1 mg/kg (i.e., the last sample in that particular subsurface exploration). This procedure was repeated for the 24- to 36-inch and 36- to 48-inch soil horizons, as necessary, using the same criteria described above. Additionally, if the subsurface location corresponded to one of the surface sample locations selected at random for analysis of the wider list of constituents then these analyses were also conducted on the subsurface samples. The subsurface soil data were also collected to evaluate the groundwater DQOs.

As described above, 55 locations were targeted for subsurface sampling conducted in May 2007. Samples were successfully obtained from 53 of the 55 sample locations. At the remaining 2 locations, no sample was recovered due to the presence of larger size rock materials, despite multiple attempts. After field screening, 170 samples (including 11 duplicates) were submitted for PCB and TOC analyses, and 26 of these samples (including 2 duplicates) were submitted for the wider list of constituents. In addition, 32 samples (including 1 duplicate) were submitted for grain size distribution analysis. Evidence of foundry debris or fill was identified in 14 samples that were submitted for laboratory analyses of PCB and TOC. As indicated in the Nonresidential

Properties FSP (BBL 2004b) and associated addenda (BBL 2005a and 2006), these samples were also submitted for the analysis of lead.

4.1.1.2 Other Nonresidential Floodplain Soil Sampling Programs

There are four other general sources of nonresidential floodplain soil sampling data presented in this OU-1/OU-2 RI report. The four general data sources and the associated number of sample locations and samples are listed below:

- USEPA data collected over an extended time period and provided electronically to P/S by the USEPA (201 samples from 194 locations)
- Data for the West 9th Street Creek collected by P/S (8 samples from 7 locations)
- Data collected for low-activity portions of Special Use properties as part of sampling conducted by P/S under the Stipulation (65 samples from 62 locations)
- Miscellaneous programs (477 samples from 364 locations); these miscellaneous samples were collected by both P/S and the USEPA and include a range of sampling programs targeted at specific locations/situations. Representative miscellaneous sampling efforts include dredge spoil piles, the West 10th Street Ditch, the First Missionary Baptist Church, areas on the eastside and northside properties outside of the IMs that were implemented, miscellaneous sampling of nonresidential properties, and the APCO property located west of OU-3.

The soil samples collected under these programs were primarily focused on PCBs in surface soils. Some subsurface soil samples were collected, and those samples are included on Table 4-1. Many of the samples were analyzed for lead. A limited number were analyzed for a range of chemical constituents. The results of the non-PCB analyses for these samples are summarized in Table 4-3 along with the floodplain soil data collected under the nonresidential FSP discussed above in Section 4.1.1.1.

4.1.2 Residential Soil Sampling Program

Sampling in the residential portions of OU-1/OU-2 was reported in the Completion Report (Golder 2012c). P/S organized the Site into 35 EAs to prioritize sampling and removal activities. Within EAs 1–35, P/S identified 1,652 residential properties that required sampling both within and outside of the floodplain. Surface sampling has been completed at all residential properties in EAs 1–35. Of the 1,652 residential properties surface sampled, P/S identified 419 properties with composite sampling PCB concentrations greater than or equal to 1 mg/kg. Removal actions have been completed at each of these properties with the exception of those that are on hold pending an alternate removal action, where access was not obtained, or properties unsuitable for removal. Details of the residential program investigations and subsequent removal actions are summarized in Section 3.1. The individual data are not repeated as the details are provided in the Completion Report (Golder 2012c). A summary of the number of properties sampled and the number of removal actions completed within the EAs are provided in Tables 3-1a and 3-1b. Residential property information is listed in Table 3-1a; Special Use property information is listed in Table 3-1b.

4.2 Sediment Investigations

There are three discrete sampling programs that provide data to evaluate sediment conditions in the OU-1/OU-2 portion of Snow Creek. These three sampling programs are discussed below and include sediment samples that were collected during the RCRA Program, four samples including a field duplicate collected under the Nonresidential Properties FSP (BBL 2004b) and associated addenda (BBL 2005a and 2006), and sample results from the USEPA that were provided to P/S via electronic data transfer. Sampling locations from these three programs are shown on Figure 4-4. This figure uses different color symbols to reflect each program. Sediment samples collected at locations on Snow Creek approximately 2,000 to 3,000 feet upstream of where the 11th Street Ditch enters Snow Creek are also shown on Figure 4-4. Additionally, 43 sample locations from the West 9th Street Creek are also shown on Figure 4-4. Because the sediment data associated with these sampling locations are not associated with the OU-1/OU-2 portion of Snow Creek, they are presented in the Section 5 discussion for the nature and extent of contamination.

The sediment PCB data for the samples collected in the OU-1/OU-2 portion of Snow Creek are presented in Table 4-4. Also included on this table are the sample date, location, field sample ID number, sample thickness increment, and the associated PCB and TOC concentrations. Analytical chemistry results for the OU-1/OU-2 sediment samples for constituents other than PCBs are summarized in Table 4-5, which includes the number of analyses conducted for each constituent; the frequency of detection; and the minimum, maximum, and mean concentration values. In addition to the chemical constituents identified by the USEPA as part of the wider constituent list, there are additional constituents that were analyzed by the USEPA. These constituents are listed at the bottom of Table 4-5 and are being included for completeness.

Additional details regarding the 73 sediment samples collected from 34 locations in OU-1/OU-2 under the RCRA program and the 4 sediment samples collected from 3 locations under the nonresidential FSP program are discussed below in Sections 4.2.1 and 4.2.2, respectively. Additional details regarding the USEPA's collection of 7 samples from 7 locations for the OU-1/OU-2 portion of Snow Creek are not separately discussed in this RI report. The USEPA provided these 7 sample results to P/S via electronic data transfer; specific details from the sampling plans, including the sampling objectives and methodologies, were not provided. While the investigation program details from the USEPA were not available, it is reasonable to assume that the data are valid and fit for use in conducting the nature and extent of contamination end within the OU-1/OU-2 SERA. These data as available details were provided are also provided in the electronic dataset included as Appendix B.

4.2.1 RCRA Sediment Sampling Program

The first major sediment sampling program for Snow Creek was conducted under the RCRA Program. The data for that sampling program were reported in the *Off-Site RCRA Facility Investigation (RFI) Report* (off-site RFI report; BBL 2000). The RCRA Program investigations for Snow Creek included 34 individual sample locations within the OU-1/OU-2 portion of Snow Creek. The sampling process followed a geomorphological mapping of the creek to identify the individual sediment deposits that comprised the creek bed. There are portions of the creek bed where sediments were not present due to localized hydraulic conditions. The mapping of sediment deposits included the physical dimensions of the deposit including length, width, and

thickness. The creek-mapping process was detailed in the *Supplemental RCRA Facility Investigation Work Plan for the Off-Site Portion of the RFI/CS Program* (BBL 1999). The results were used to develop the subsequent sampling strategy to characterize the Snow Creek sediment deposits. In total, 73 sediment samples were collected from the 34 sampling locations downstream of the Snow Creek - 11th Street Ditch confluence. All of the samples were analyzed for PCBs, TOC, and grain size distribution. The surface increments were also analyzed for grain size distribution. Approximately 10% of the total number of samples focused on the fine-grained sediment and were analyzed for several metals at the request of ADEM. The list of metals analyzed included arsenic, barium, beryllium, cadmium, chromium, cobalt, lead, manganese, mercury, nickel, and vanadium.

4.2.2 Nonresidential FSP Sediment Sampling Program

An additional round of sediment sampling in the OU-1/OU-2 portion of Snow Creek was conducted under the Nonresidential Properties FSP (BBL 2004b) and associated addenda (BBL 2005a and 2006). During this program, three sediment samples were collected from locations designed to reflect low, medium, and high PCB concentrations. The three sampling locations were selected based on data collected under the RCRA program. The primary goal of this sampling program was to generate data to evaluate the wider list of constituents over the range of PCB concentrations typically present in Snow Creek. To a lesser degree, the data were collected to confirm the general distribution of PCBs in the OU-1/OU-2 portion of Snow Creek, augment the existing base of Snow Creek sediment data, and confirm the general distribution of PCBs in Snow Creek sediments. Four sediment samples (including one duplicate) were collected under this program from the three locations shown on Figure 4-4. These samples were analyzed for the wider list of constituents in addition to PCBs and TOC. Data from this sampling program were reported in the OU-1/OU-2 PSCSR (ARCADIS BBL 2007a).

4.3 Surface Water Investigations

There are two sampling programs that constitute the surface water dataset for this RI report. The first sampling was conducted as part of the RCRA Program. Samples were collected from the four locations shown on Figure 4-5. These four locations were selected to reflect the potential downstream movement of PCBs and materials from Snow Creek (OU-1/OU-2) to Choccolocco Creek (OU-4). Two of the sampling stations were located approximately 2,000 feet (14th Street) and 3,000 feet (16th Street) upstream of the 11th Street Ditch-Snow Creek confluence to develop an understanding of potential PCB and materials loadings coming into Snow Creek from upstream. The other sampling stations were located at the downstream end of OU-1/OU-2 at Snow Street and Oxford Lake Park. The samples from all locations were collected as particulate samples during base- and high-flow events. The data were analyzed to support the development of preliminary estimates of PCB transport along Snow Creek. There were a total of 6 base-flow and 19 high-flow events sampled at the downstream sampling stations. A single round of base-flow samples were collected at the upstream sampling locations. The data collected during the program are presented in Table 4-6 and include calculated whole-water PCB concentrations that should be viewed as estimates as they were not collected as whole-water samples.

The second surface water sampling program was conducted under the Nonresidential Properties FSP (BBL 2004b) and associated addenda (BBL 2005a and 2006). This program

included the collection of four whole-water samples during three different high-flow events. The samples were collected using an automated in-water ISCO sampler that was triggered by a flow gauge mounted on the bank near the sampling location (Figure 4-5). This sampling station was located in the downstream area of Snow Creek (Oxford Lake Park) and slightly downstream of the southern boundary of OU-1/OU-2 (Highway 78). While technically located outside of OU-1/OU-2, the sampling location is representative of conditions at the downstream end of the OU. The samples collected during high-flow conditions were analyzed for the wider list of constituents. The data are provided in Table 4-7.

4.4 Groundwater Investigations

Groundwater investigations were conducted in OU-1/OU-2 prior to the RI as part of previous activities conducted at and adjacent to OU-3 and under the NTC residential removal program. Further sampling was conducted as part of the RI under the OU-1/OU-2 nonresidential properties FSP. This section discusses groundwater investigations for nonresidential OU-1/OU-2 properties. The discussion is presented as a chronology of events and includes summaries of observations and analytical data, where appropriate. The investigation areas are as follow:

- Eastside properties
- CSSMA
- Northside properties and parcel 8583 investigations
- EUs 10, 12, and 17
- Hall Street and Oxford Lake Park
- T-11 Area Investigation

Initial investigations conducted for OU-3 demonstrated that groundwater impacts were mostly confined to the Facility area due to the affinity of PCBs for soil and the low groundwater velocities measured at the Facility. Investigations were conducted on the eastside properties, CSSMA, and northside properties from 1998 through 2005. This included locations where IMs, including covers and caps, had been implemented over soils with elevated PCB concentrations. Following the PSCSR, additional groundwater investigations were conducted at the northside properties; parcel 8583; EUs 10, 12 and 17; Hall Street; Oxford Lake Park, and the vicinity of T-11. These investigations were conducted to evaluate groundwater as a potential medium of concern for OU-1/OU-2. The investigations used a phased approach. Details of these investigations are provided in the following sections.

4.4.1 Eastside Properties

Extensive sampling for PCBs was conducted on the eastside properties prior to the implementation of IMs. The sampling activities and IMs constructed on the property are described in Section 3. Groundwater monitoring was conducted on the eastside properties as part of earlier investigations for OU-3. Well OW-09 and temporary well T-03 are located on the western (upgradient) property boundary of the eastside properties and serve as sentinel wells for groundwater leaving OU-3. Laboratory results for samples collected in June and July 2005, indicated that all COPCs were below maximum contaminant levels (MCLs) or USEPA Region 9 Preliminary Remediation Goals (PRGs). As shown on Figure 2-2, monitoring well OWR-09S

represents the groundwater conditions in the central portion of the eastside properties and is therefore an indicator of groundwater conditions associated with this area. This well was sampled in 1998, and results showed no COPC concentrations above MCLs or PRGs. Wells installed and sampled as part of the CSSMA represent groundwater conditions downgradient of the eastside properties and, as discussed below, confirm that there are no groundwater impacts from the eastside properties.

The groundwater data associated with OW-10, located at the eastern perimeter of the Facility (OU-3), indicate that groundwater with PCB-detections is potentially migrating onto the eastside properties. Remedial actions are being addressed as part of the OU-3 remedial design/remedial action (RD/RA) pursuant to the Interim Record of Decision (IROD) for OU-3. The rate of groundwater flow is very low at the Facility, and the migration onto the eastside properties is anticipated to be very minor. Figure 4-6 provides the flow direction for groundwater from the Facility to the eastside area and the CSSMA. From the Facility, groundwater consistently flows northeast in the general direction of the 11th Street Ditch.

Due to the widespread nature of PCB-containing soils on the eastside properties, if PCBs from the soil (currently under cap and cover) were migrating to groundwater, the groundwater impacts should be widespread. However, the wells installed on the eastside properties indicate no detections of PCBs above the MCL.

4.4.2 Central Staging and Soil Management Area

The CSSMA is located to the northeast of OU-3 and north of the eastside properties. Soil and sediment samples were collected at the CSSMA for analysis of PCBs in 1995 as part of a storm water runoff control investigation. Following these investigations, IMs were constructed at the property. A description of the soil sampling activities and IMs is provided in Section 3.3.3. As part of the NTC Removal Agreement, soil from residential properties with total PCB concentrations less than 10 mg/kg based on composite samples was removed and placed at the CSSMA. Prior to placing this soil, three wells (CMW-1, CMW-2, and CMW-3) were installed at the CSSMA to provide baseline groundwater data (Figure 2-2). The wells were sampled in August 2004. The results of the sampling indicated no detections of any COPCs. These data were reported in the *Central Staging and Soil Management Area (Former Miller Property) Baseline Monitoring Well Installation and Sampling Report* (Golder 2004). The results show that PCB-containing soil located on the property prior to the IMs did not result in groundwater impacts. Figure 4-6 provides the flow direction for groundwater from the Facility to the eastside area and the CSSMA. From the Facility, groundwater consistently flows northeast in the general direction of the 11th Street Ditch.

4.4.3 Northside Properties and Parcel 8583 Investigations

Extensive sampling for PCBs has previously been conducted at the northside properties. The data collected are summarized in Section 3.2.1, along with a description of the IMs constructed on the property. Addendum No. 2 to the OU-1/OU-2 FSP, submitted in May 2006, provided for the installation of monitoring wells to supplement data in the vicinity of previously constructed IMs where PCB residuals remain under a cap or cover. Following submittal of the December 2007 PSCSR, Addendum #3 to the OU-1/OU-2 FSP was submitted to the USEPA in March 2008 identifying locations and procedures to install and sample wells consistent with the

discussions held between the USEPA and P/S technical personnel. Addendum #3 provided for the installation of five monitoring wells (T-08, T-09, T-10, T-11, and T-12). The well locations are shown on Figure 2-2. The well locations were selected to fill groundwater data gaps and included siting wells on the northside properties and parcel ID 8583.

Groundwater sampling had been conducted previously in the southern portion of the northside properties in connection with WMA II, which is located within OU-3. The groundwater data associated with OW-21A, T-04, SBP-03, and MW-07 indicate PCBs in groundwater at concentrations above the MCL in a localized area on the northside properties in the immediate vicinity of OW-21A. Investigations were conducted for OU-3 to identify the source of contamination in this area. Well T-04 was installed upgradient of OW-21A as part of this investigation. The results of the investigation indicate a localized area of PCB groundwater impacts, separate from WMA II. The attempt to locate an upgradient source was not successful as moving further upgradient from T-04 would have run into successive obstructions of the railroad and then the WMA II Groundwater Corrective Action System. Groundwater in the area of OW-21A is being addressed as part of OU-3. PCBs were not detected in samples collected from other wells in the southern portion (upgradient) of the northside properties (MW-08, MW-09A, and MW-14). While groundwater had been characterized along the southern portion of the northside properties, groundwater data were not available for the northern (presumed downgradient) portion. Due to the widespread nature of PCB-containing soils on the northside properties, if PCBs from the soil (currently under cap and cover) were migrating to groundwater, the groundwater impacts should be widespread.

Parcel 8583 (east of the First Missionary Baptist Church) was selected for groundwater investigation based on the analytical results from the OU-1/OU-2 nonresidential properties FSP subsurface soil sampling program. PCB concentrations were detected in the 3- to 4-foot bgs depth interval at a concentration of 251 mg/kg. The USEPA requested a shallow water table well be installed in this area to evaluate whether vertical migration into the water table was taking place.

4.4.3.1 Initial Soil Screening and Site Preparation

On March 12, 2008, in preparation for drilling activities, soil samples were collected for each boring location on the northside properties at approximate 1-foot vertical intervals and field screened for PCBs using immunoassay methods (USEPA Method 4020). PCB screening analysis was conducted until field results indicated that PCBs were no longer detected (less than 0.5 mg/kg) or to a maximum depth of 4 feet bgs, whichever occurred first. A hand auger was used to collect the samples. The results for samples collected from boring locations T-08, T-09, and T-10 were all less than 0.5 mg/kg. No further site preparation work was conducted at these locations. The results from the T-12 location indicated that PCB-containing soil was present at concentrations greater than 0.5 mg/kg but less than 50 mg/kg at a depth of 1 foot to 2 feet bgs. Below 2 feet, sample results indicated that PCB concentrations were less than 0.5 mg/kg. On March 20, 2008, a drilling pad was constructed at the T-12 borehole location to decrease the possibility of potential drag-down of constituents from the surface soil during installation of the monitoring well. Soil was excavated from a nominal 5-foot square area to a depth of 2 feet bgs. The excavated soil was staged in a roll-off container and subsequently

transported to an off-site disposal facility. The excavated area was backfilled with clean soil to create a clean drilling pad.

On March 26, 2008, a drilling pad was constructed at the Parcel 8583 location in preparation for monitoring well installation. Soil was excavated from a nominal 5-foot square area to a depth of 4 feet bgs and backfilled with clean soil.

4.4.3.2 Monitoring Well Installation and Soil Sample Collection

Temporary monitoring wells (T-09 and T-10) were installed north of the OW-21A area in April 2008. One well (T-09) was installed downgradient of the T-04/OW-21A/MW-07 location, while the second well (T-10), was installed east of the first well to account for potential variations in groundwater flow direction. Two additional temporary monitoring wells (T-08 and T-12) were installed further northeast on the northside properties. These two wells were installed downgradient of the HDPE cover area (i.e., the area containing soils with PCB concentrations above 500 mg/kg). One well (T-11) was installed on parcel 8583 to address the PCB detections in soil from the OU-1/OU-2 FSP subsurface soil sampling program.

The five temporary monitoring wells were drilled using rotosonic drilling methods in accordance with Revision 5 of the *Site-Wide Quality Assurance Plan for the Anniston PCB Site* (QAPP; ARCADIS 2008). This drilling method provided further protection against drag-down of PCB-containing soil by sealing off the formation in the upper borehole using a temporary casing, allowing for representative soil and groundwater sampling at depth.

With the exception of the T-11 location, 10 feet of 8-inch diameter surface casing was advanced at each well location prior to well construction. Given that T-11 was installed to a depth of 13.5 feet bgs, only 6 feet of surface casing was used in the installation. A grout mixture of 5% bentonite powder and 95% Portland cement was used to fill the annular space between the surface casing and the borehole and was allowed to set for 24 hours prior to installing each monitoring well. Following the required 24-hour curing period, the borings were advanced at each well location to the desired depth. Lithologic cores were collected, logged, and examined for the possible presence of nonaqueous-phase liquid. Analytical samples were collected in 2-foot intervals from 4 feet bgs to the water table. The water table for T-11 was observed at approximately 7 feet bgs. As a result, soil samples were collected only at the 4- to 6-foot bgs and 6- to 8-foot bgs depth intervals. Sample collection for the remaining borings extended to 12 feet bgs, 10 feet bgs, 14 feet bgs, and 12 feet bgs for T-08, T-09, T-10, and T-12, respectively. The soil samples were collected and analyzed for total PCBs by Aroclor (USEPA Method 8081A/8082) and total PCB homolog groups (USEPA Method 680). In addition, one sample was collected from the approximate center of the screened interval of each well location for grain size analysis and analysis of TOC by the Lloyd Kahn Method.

The temporary monitoring well installation depths for T-08, T-11, and T-12 were generally based upon the depth to the water table at each location determined by field observations at the time of drilling. The installation depths for wells T-09 and T-10 on the northside properties downgradient of the OW-21A area were based upon both the depth to the water table and the screened interval of the existing impacted monitoring wells T-04 and OW-21A. These wells were designed to monitor groundwater downgradient of T-04 and OW-21A at a similar depth interval

as the two existing wells to determine if PCB concentrations greater than the MCL had migrated from this area. The five temporary monitoring wells were installed to the following depths:

- T-08: 25 feet bgs
- T-09: 37 feet bgs
- T-10: 35 feet bgs
- T-11: 13.5 feet bgs
- T-12: 28 feet bgs

The T-11 boring was advanced to 21 feet bgs due to dry soil observations; however, given the proximity to the adjacent surface water features, it was determined that the minor moisture observed from 6 to 10 feet bgs was adequate to produce water. As a result, well T-11 was set to a bottom depth of 13.5 feet bgs, with the 13.5-foot to 21-foot bgs annulus backfilled with grout, using the procedures described below.

With the exception of T-11, each well was constructed of 2-inch diameter, flush-threaded, Schedule-40 polyvinyl chloride (PVC) casing, with a 10-foot section of 0.010-inch slotted, Schedule-40 PVC screen. T-11 was constructed using the same well material but using only a 5-foot-long screen section. A 5-foot screen section was used to intersect the moist soil observed from 6 to 10 feet bgs. The filter pack constructed around the well screens consisted of 20/30 grade silica sand with less than 2% flat particles. The sand was tremied from the bottom of the borehole to approximately 2 feet above the top of the screened interval. Sodium bentonite (100%) was used to construct a seal above the sand filter pack. Each bentonite seal extended a minimum of 3 feet above the top of the filter pack. The bentonite was allowed to hydrate approximately eight hours prior to continuing well construction activities. A grout mixture of 5% bentonite powder and 95% Portland cement was used to fill the annular space between the PVC riser section and the borehole. The grout was pumped through a tremie pipe from the top of the bentonite seal to just below the ground surface. The wells were completed by constructing a 3-foot by 3-foot by 6-inch concrete pad around each well at the ground surface, which sloped away from the wells to provide drainage. An expandable locking well cap was placed in the top of each riser, and an aluminum protective outer casing extending approximately 2.5 feet above the ground surface was installed at each well location. Well construction logs were provided in the June 2008 *Report on Operable Unit 1/Operable Unit 1 Non-Residential Groundwater Investigations, Anniston PCB Site Report* (Golder 2008).

A bermed pad lined with plastic sheeting was constructed and used for decontaminating equipment. Decontamination and development water were contained and transported to the Facility equalization basin that discharges to the Anniston POTW. Prior to discharge to the POTW, the water was pumped through a carbon filtration drum to remove the potential for PCB discharge.

4.4.3.3 Lithology

Soil lithology was logged at each monitoring well location to document the presence or absence of fill material, determine the depth to the water table, and provide a visual reference for

laboratory PCB results. Soil boring logs are presented in Golder (2008); the logs are summarized below:

- T-08: A sand and gravel fill material extended from the ground surface to approximately 12 feet bgs. A soft to stiff, gray/brown clay extended from approximately 12 feet bgs to the termination depth. The lithology observed below the gravel fill material was consistent with lithology observed for borings completed historically throughout the northside property.
- T-09: A gravel fill material extended from the ground surface to approximately 6 feet bgs. A fine sand fill was observed from approximately 6 feet to 10 feet bgs. There was no recovery from 10 feet to 29 feet bgs. At 29 feet bgs, a 1-foot layer of tan clay and sand was recovered. Below 30 feet, there was no recovery to the boring termination depth of 37 feet bgs.
- T-10: A firm to hard, red/orange clay was observed from ground surface to 16 feet bgs, followed by a 4-foot layer of soft, orange to brown clay. From 20 feet bgs to the termination depth of 35 feet bgs, a stiff to firm brown clay was observed. The lithology observed was similar to the lithology observed for borings MW-7 and OW-21A.
- T-11: An orange to red, stiff to soft clay was observed from the ground surface to the termination depth of 21 feet bgs.
- T-12: A sand and gravel fill material extended from ground surface to approximately 6 feet bgs. A loose fine sand fill extended from 6 feet to approximately 12 feet bgs. A soft to stiff, gray/brown clay extended from approximately 12 feet bgs to the termination depth for the boring. The lithology observed below the fill material was consistent with lithology observed for borings completed historically throughout the northside properties.

4.4.3.4 Monitoring Well Development

The monitoring wells were developed using a 1.5-inch diameter submersible pump with intermittent surging throughout the screened interval and until field parameters (pH, temperature, specific conductance, and turbidity) stabilized, as per Attachment A-9 of the QAPP (ARCADIS 2008). The final turbidity measurements recorded during well development were generally greater than 1,000 nephelometric turbidity units (NTUs) for each well. However, during sample collection, turbidity levels decreased to less than 50 NTUs for each monitoring well with the exception of T-11 where the turbidity levels remained greater than 1,000 NTUs.

4.4.3.5 Soil Results

The total PCB results for the soil samples collected were less than 5 mg/kg with the exception of two intervals from T-08. The 4- to 6-foot and 6- to 8-foot interval PCB sample results for T-08 (T-08 4-6' and T-08 6-8') were 765 mg/kg and 256 mg/kg, respectively, by USEPA Method 8081A/8082 and 320 mg/kg and 574 mg/kg, respectively, by USEPA Method 680. Aroclors 1248, 1254, 1260, and 1268 were detected, and the homolog groups detected included dichlorobiphenyl through decachlorobiphenyl. The deeper interval soil samples from T-08 (8–10 feet and 10–12 feet) had total PCB concentrations of less than 5 mg/kg. Table 4-2 provides a summary of soil data for the OU-2 investigations.

A comparison of soil sample results tested using the Aroclor method (USEPA Method 8081A/8082) versus results from the homolog method (USEPA Method 680) indicates that for 9 out of 18 results, the Aroclor method provided results similar to the homolog method. Of these 9 samples, 1 result (T-09 8-10') had a relative percent difference (RPD) within 3%, 4 sample results (T-10 4-6', T-10 6-8', T-10 8-10', and T-12 8-10') were nondetect for both the Aroclor and the homolog methods, while the other 4 sample results (T-08 8-10', T-10 10-12', T-10 12-14' and T-12 6-8') were nondetect for Aroclors and had low concentrations for the homolog method (the homolog concentration results were less than the Aroclor detection limit) The 2 methods were in agreement for these samples. Of the remaining 9 samples, the Aroclor method provided higher results for 7 soil samples and the homolog method provided higher results for 2 soil samples. There was no indication that either method detected consistently higher or lower PCB concentrations.

4.4.3.6 Groundwater Sampling and Results

Groundwater samples were collected from the temporary monitoring wells in accordance with the groundwater work plan, the Site-Wide QAPP (ARCADIS 2008), and the USEPA *Low-Flow (Minimal Drawdown) Ground-water Sampling Procedures* (USEPA 1996). Both filtered and unfiltered samples were analyzed by USEPA Method 8081A/8082 for Aroclors and USEPA Method 680 for homologs. Filtered samples were collected using 0.1-micron and 2.0-micron filters. In addition, groundwater samples from wells T-09 and T-10 were analyzed for parathion (USEPA Method 8141A) and 4-nitrophenol (USEPA Method 8270C).

Groundwater results from the 2008 investigation for T-08, T-09, T-10, and T 12 were nondetect for all Aroclor analyses and nondetect for all homolog analyses with the exception of T-09 as shown on Table 4-8. The total homolog result for this well was 1.04 micrograms per liter (µg/L). Parathion and 4-nitrophenol were also analyzed to determine if these constituents were migrating from the OW-21A area. The April 2008 results for OW-21A show a parathion concentration of 3,200 µg/L and a 4-nitrophenol concentration of 13,000 µg/L. Both of these constituents were nondetect for the samples collected from T-09 and T-10.

Groundwater results for the temporary well T-11 sample collected in April 2008, indicated an Aroclor 1221 concentration for the unfiltered sample of 3.3 µg/L, while the associated 0.1-micron and 2.0-micron filtered samples were nondetect. The corresponding homolog results indicated PCB concentrations of 17.3 µg/L for the unfiltered sample, 3.4 µg/L for the 2.0-micron filtered sample, and less than 0.072 µg/L for the 0.1 micron filtered sample. During the sampling event, field turbidity levels were measured at greater than 1,000 NTUs, suggesting that the detections could have been attributed to elevated turbidity. Results of the analyses were reported to the USEPA in the June 2008 OU-1/OU-2 nonresidential groundwater investigations report (Golder 2008). Table 4-8 provides a summary of the groundwater data for OU-2 investigations.

A comparison of groundwater results tested using the Aroclor method versus results from the homolog method indicates that both methods produced similar results. In 12 of the 15 samples collected (i.e., 80%), the Aroclor method and the homolog method provided the same result (i.e., concentrations were both nondetect or both less than the MCL). Of the remaining 3 samples, the homolog method provided higher results.

In the June 2008 report, P/S proposed to redevelop and resample T-11 due to the elevated turbidity levels observed in the original sample. The USEPA approved this approach during a telephone conference on August 25, 2008. T-11 was redeveloped and resampled on October 20, 2008, using the methods previously described above. The Aroclor results were nondetect for both the filtered and unfiltered samples, while the homolog concentrations were 10.4 µg/L for the unfiltered sample, 0.99 µg/L for the 2.0-micron filtered sample, and nondetect for the 0.1-micron filtered sample.

4.4.4 Investigations in EU10, EU12, and EU17

Based on the above investigation and a review of the soil data collected from T-11, the USEPA and P/S developed an initial hypothesis that the groundwater impacts measured at T-11 were associated with a particular Aroclor distribution of PCBs in soil. The USEPA and P/S agreed to perform a second-phase investigation to evaluate this hypothesis. The second-phase investigation was implemented in August 2010. Locations for additional sampling were selected by evaluating all of the OU-1/OU-2 soil data provided in the PSCSR to identify sample locations similar to the T-11 investigation location. The 2007 results show that Aroclor 1232 was the dominant Aroclor in the soil samples from the T-11 location. However, no other sample locations in OU-1/OU-2 indicated a significant presence of Aroclor 1232. Therefore, the criteria were modified to include other, lower-weight Aroclors such as 1242 and 1248 and to include sample locations not just inside but near the 100-year floodplain. The screening included identifying samples that met the following criteria:

- Samples collected within or near the 100-year floodplain. This area was selected due to the likelihood of encountering shallow water table conditions.
- PCBs detected in the 36-inch to 48-inch depth interval (deepest soil interval sampled). PCBs detected in the 24-inch to 36-inch depth interval were also considered, however, more emphasis was placed on the deeper sample interval.
- Presence of lower chlorinated Aroclors. Preference in order of Aroclor 1232, Aroclor 1242, and Aroclor 1248 (note that Aroclors 1016 and 1221 were not detected in soil samples, and Aroclor 1232 was only detected in CA 05 8583-14 [T-11]).
- High percentage of the lower chlorinated Aroclors relative to the total PCB concentration (greater than 25% at a minimum).
- A minimum concentration of 5 mg/kg of a lower chlorinated Aroclor.

This data analysis did not discriminate between fill areas and areas with native (floodplain) soil. As described in the PSCS report, OU-1/OU-2 was subdivided into 30 discrete areas termed EUs for the purposes of the HHRA and this report. From the analysis, 14 samples were identified originating from 8 different sample locations that satisfied or nearly satisfied the above criteria. The 8 sample locations are distributed within 4 of these EUs and include the following:

- EU5: three samples locations (including the original CA-05-8583-14 represented by T-11)
- EU10: three sample locations
- EU12: one sample location

- EU17: one sample location

This list was reviewed to determine potential locations for conducting additional groundwater investigations. Each of the four EUs identified above was evaluated as a potential area of investigation. In general, conducting investigations at multiple sample locations within a CA was considered redundant. Also, in general, for EUs with more than one sample location that met the above criteria, the sample location with analytical results most similar to the soil sample collected at CA-05-8583-14 (T-11) was retained as being representative of that EU.

EU5 provided a unique area for the data analysis as the CA-05-8583-14 (T-11) sampling location is located in the downgradient end of EU5 and other soil samples further upgradient of T-11 showed elevated soil concentrations. However, the soil sample location (CA-05-1782-04) considered most likely for an additional well installation is surrounded by monitoring wells that were previously installed and sampled for the CSSMA (Golder 2004). Well CMW-3 is located approximately 300 feet downgradient of CA-05-1782-04, and well CMW-2 is located approximately 400 feet upgradient of CA-05-1782-04 (Figure 2-2). PCBs were not detected in samples from either well. The distribution of these wells and the results verify that vertical migration of PCBs into the water table is not occurring at these locations. An additional temporary well was therefore not installed in this EU.

As a result of the evaluation, three locations (CA-10-2049-11 [CA-10], CA-12-2737-06 [CA-12], and CA-17-4011-13 [CA-17]) were found to be appropriate for conducting groundwater investigations. Following consultation with the USEPA, it was determined that one temporary well installed in each location would be adequate to evaluate if vertical migration of PCBs into the water table is occurring. The following provides a description of each sample location. Total PCB concentrations are shown on Table 4-1:

- EU10: Five soil samples collected from three different sample locations on parcel 2049 between May 22 and 23, 2007, showed results similar to those from the T-11 location. Total PCB concentrations in these samples ranged from 19.1 mg/kg to 562 mg/kg, and PCBs were detected in soil to a depth of 3 feet to 4 feet bgs. Aroclor 1242 accounted for 0%–59% of the total PCB concentration measured for each of the five samples.
- EU12: One soil sample collected on parcel 2737 on May 24, 2007, showed a result similar to the results from the T-11 location. The total PCB concentration for this sample was measured at 24.5 mg/kg. This sample was collected from 2 feet to 3 feet bgs. Aroclor 1248 accounted for 27% of the total PCB concentration.
- EU17: Two soil samples collected from one sample location on parcel 4011 showed results similar to those from the T-11 location. Total PCB concentrations in these samples ranged from 10.2 mg/kg to 24 mg/kg. These samples were collected from 2 feet to 3 feet and 3 feet to 4 feet bgs, respectively. Aroclor 1242 accounted for 54%–59% of the total PCB concentration measured in the two samples.

4.4.4.1 Initial Soil Screening and Site Preparation

In preparation for drilling activities, the soil sample locations described above were identified in the field using a geographic positioning system. On July 7 and 8, 2010, soil samples were

collected and analyzed in general accordance with the procedures previously described. The results for these samples indicated the presence of PCBs to 4 feet bgs at each sample location.

Due to the presence of PCBs in soil, drilling pads were constructed on August 10, 2010, at the T-14 (EU12) and T-15 (EU17) borehole locations to decrease the possibility of potential drag-down of constituents. Similar methods were used to construct the drilling pads as previously described. The upper soil horizon for the T-13 (EU10) location consisted of fill material (e.g., debris, scrap metal, wood), and the results indicated that PCBs extended beyond 4 feet bgs. It was apparent from the initial sampling and a visual evaluation of the property that this fill material extended to a depth of at least 10 feet bgs. Since it was impractical to extend the drilling pad to the full depth of the fill material, the drilling pad was not installed. P/S relied upon the surface casing to prevent the possibility of potential drag-down of constituents from the surface soil during installation of the monitoring well.

4.4.4.2 Monitoring Well Installation and Soil Sample Collection

The three temporary monitoring wells were drilled and installed using similar rotosonic drilling methods as described previously. The installation depths for wells T-13, T-14, and T-15 were based upon the depth to the water table at each location, as determined by field observations made and recorded at the time of installation. The three temporary monitoring well screens were installed to depths of approximately 35 feet, 17.5 feet, and 18 feet bgs, for T-13, T-14, and T-15, respectively. Each well was constructed, developed, and completed consistent with the 2008 temporary monitoring well procedures.

As part of the well installations, soil samples were logged for lithologic determination, and analytical samples were collected in 2-foot intervals from 4 feet bgs generally to the water table. The water table for T-13 was approximately 24 feet bgs, and samples were collected to 25 feet bgs. The water table for T-14 was observed at approximately 8 feet bgs and at approximately 12 feet bgs at T-15. As a result, samples were collected down to the 6- to 8-foot depth interval for T-14, and the 10- to 12-foot depth interval for T-15. These samples were analyzed for total PCBs by Aroclor (USEPA Method 8081A/8082) and total PCBs by homolog groups (USEPA Method 680). In addition, one sample was collected from the approximate center of the screened interval of each well location for grain size and TOC analysis by the Lloyd Kahn Method.

4.4.4.3 Lithology

Soil lithology was logged at each monitoring well location to document the presence or absence of fill material, determine the depth to the water table, and provide a visual reference for laboratory PCB results. Soil boring lithology is summarized below for each monitoring well location:

- T-13: Dark brown sandy silt mixed with automotive debris and trace gravel was observed between the ground surface and 4 feet bgs. Fill material consisting of metal, wood, and plastic debris mixed with gray clay and fine sand extended to approximately 13 feet bgs. Dry red/brown clay mixed with decreasing amounts of fill from above was encountered immediately below the fill and extended to approximately 20 feet bgs. A wet, soft, red/brown clay unit extended from approximately 20 feet to 24.5 feet bgs. Wet gray sand

generally extended from 24.5 feet to 28 feet bgs. Underlying the sand, moist, soft tan clay extended to the terminus of the boring at 35 feet bgs.

- T-14: Brown to dark brown sandy silt mixed with gravel and broken glass debris was observed from the ground surface to approximately 5 feet bgs. Dark brown to red/brown fine to coarse sand was observed from approximately 5 feet to 11 feet bgs. The unit was moist to wet between 7 feet and 11 feet bgs. Tan to gray wet fine sand extended from 11 feet to 13 feet bgs (observed flowing sands at this depth). A wet gray clay and gravel unit extended from 13 feet to 15 feet bgs. No samples were obtained from 15 feet to the terminus of the boring at 17 feet bgs.
- T-15: Dark brown to reddish brown sandy silt with varying amounts of gravel and metal debris was observed from the ground surface to 4 feet bgs. A red/brown fine sand with some clay was observed between 4 feet and 6 feet bgs. A moist red/brown, tan medium to coarse sand and gravel extended from 6 feet to 12 feet bgs. A moist to wet sand and clay unit was encountered below the sand extending to approximately 15 feet bgs. From 15 feet to the terminus of the boring at 18 feet bgs, brown gravelly clay with varying amounts of silt and cobbles was observed.

4.4.4.4 Soil Results

During well installation, soil analytical samples were collected in 2-foot intervals from 4 feet bgs generally to the water table. The following are the analytical results for each location:

- At T-13: Total PCB concentrations ranged from 25 mg/kg to 68 mg/kg in the upper 4 feet. These results were consistent with the depth samples (PCB concentrations of 24.3 mg/kg, 51.9 mg/kg, 31 mg/kg, and 188 mg/kg) collected at this location during the RI sampling in 2007, with the exception of the highest PCB concentration measured. In depths below 4 feet, the results for the Aroclor analysis ranged from nondetect to 72 mg/kg, and for homolog analyses, results ranged from 0.037 mg/kg to 87 mg/kg.
- T-14: Total PCB concentrations ranged from 3.7 mg/kg to 12.6 mg/kg in the upper 4 feet. These results were consistent with the depth samples (PCB concentrations of 6.27 mg/kg, 9 mg/kg, 24.5 mg/kg, and 4.09 mg/kg) collected at this location during the RI sampling in 2007. In depths below 4 feet, the results for the Aroclor analysis ranged from 0.25 mg/kg to 2.7 mg/kg, and results for homolog analyses ranged from 0.132 mg/kg to 0.25 mg/kg.
- T-15: Total PCB concentrations ranged from 1.13 mg/kg to 26 mg/kg in the upper 4 feet. These results were consistent with the depth samples (PCB concentrations of 3.1 mg/kg, 4.6 mg/kg, 10.2 mg/kg, and 24 mg/kg) collected at this location during the RI sampling in 2007. In depths below 4 feet, the results for both the Aroclor and homolog analyses were nondetect.

The Aroclors detected included Aroclor 1242, 1248, 1254, and 1260, while the homolog groups detected included monochlorobiphenyl through decachlorobiphenyl. A comparison of soil sample results tested using the Aroclor method (USEPA Method 8081A/8082) versus results from the homolog method (USEPA Method 680) indicates that for 12 out of 29 results, the Aroclor method provided results similar to the homolog method (i.e., equal to or less than 50% RPD). Two other samples had RPDs of 50.1% and 50.6%, showing reasonably good agreement

between results. Generally, of the 24 samples with detected PCB concentrations, the Aroclor method provided higher results for 20 samples and the homolog method provided higher results for 4 samples. Table 4-2 provides a summary of soil data for the OU-1/OU-2 investigations.

4.4.4.5 Groundwater Sampling and Results

On August 26, 2010, groundwater samples were collected for laboratory analysis from the temporary monitoring wells in accordance with the groundwater work plan, the Site-Wide QAPP (ARCADIS 2008), and low-flow sampling procedure (USEPA 1996). A field duplicate and an equipment blank sample were also collected. The laboratory analyses were conducted in accordance with the USEPA Method 8081A/8082 for Aroclors and the USEPA Method 680 for homologs. Both filtered and unfiltered samples were analyzed from each well. Filtered samples were collected using 0.1-micron and 2.0-micron filters.

All of the filtered and unfiltered groundwater sample results for T-13 and T-15 were nondetect for PCBs (i.e., Aroclors and homologs). The filtered and unfiltered samples from T-14 were nondetect for Aroclors. However, the unfiltered and 2-micron filtered samples showed PCB concentrations of 0.077 µg/L and 0.025 µg/L, respectively in the homolog analyses, which are below the MCL of 0.5 µg/L. The homologs detected in the unfiltered sample were monochlorobiphenyl and dichlorobiphenyl and in the filtered sampled were trichlorobiphenyl and pentachlorobiphenyl, which generally correspond to the homolog classes identified in the T-14 soil samples.

A comparison of groundwater results tested using the Aroclor method (USEPA Method 8081A/8082) versus results from the homolog method (USEPA Method 680) indicates that both methods produced similar results. Low-level homolog detections were measured at T-14 with corresponding nondetect results for the Aroclor method, but the detections noted were below the reporting limit for the Aroclor analyses. Table 4-8 provides a summary of the groundwater data for OU-1/OU-2 investigations.

4.4.5 Hall Street and Oxford Lake Park Investigations

On May 16, 2011, the USEPA and P/S met to discuss the data collected in the previous groundwater investigation and to evaluate remaining data gaps for groundwater in OU-1/OU-2 and OU-4. USEPA specifically expressed concern that no groundwater data were available for downstream properties along Snow Creek and for properties near the confluence of Snow Creek and Choccolocco Creek. Therefore, P/S evaluated available soil data in these areas to identify proposed locations for installing additional groundwater monitoring wells. On August 3, 2011, in response to the subject meeting, P/S submitted Addendum #4 to the OU-1/OU-2 FSP (Addendum #4 [Golder 2011a]). Based on comments received from the USEPA (dated September 13, 2011), P/S requested an additional meeting. On October 4, 2011, P/S and the USEPA met for a second time, which resulted in revisions to Addendum #4 to the OU-1/OU-2 FSP (Revised Addendum #4 [Golder 2011b]), which was submitted on October 31, 2011. This addendum was approved by the USEPA on January 3, 2012.

In order to increase the robustness of the empirical database, P/S agreed to review soil data from OU-1/OU-2 and OU-4, including areas where IMs consisting of caps and/or covers have been installed and PCB residuals remain, to identify if additional locations are appropriate for

supplemental groundwater investigation in OU-1/OU-2 and OU-4. Data collected within OU-1/OU-2 CA 26 (111 and 114 Hall Street) and OU-4 areas (the backwater area [OU-4 CA C2N], Oxford Lake Park, and the Borrelli property) were reviewed due to their downstream locations and proximity to the confluence area. The same criteria used to select monitoring well locations T-13, T-14, and T-15 were employed (e.g., criteria used to identify locations similar to the T-11 well location).

None of the samples from Hall Street, the Borrelli property, or the backwater area met the previously list of criteria. However, at the October 4, 2011, meeting between P/S and the USEPA, USEPA representatives indicated that the Hall Street property should be considered further due to the IMs completed at this location and the presence of residuals at the property. Soil sampling collected under the NTC Residential Removal program indicated residual PCB concentrations ranging from nondetect to 35 mg/kg at this property. PCB-containing soils at this property have been isolated beneath a geotextile marker layer and a 12-inch-thick soil and vegetative cover constructed on the parcel, followed by placement of a deed restriction limiting future use of the property. The data collected at this property and the IMs completed are discussed further in Section 3.2.4. In the Revised Addendum #4, P/S proposed to install a monitoring well (T-16) at a location representative of the 111 and 114 Hall Street area. It was agreed that this location would serve the dual purpose of evaluating the potential for soil leaching to groundwater and providing monitoring data for IMs previously completed at this property. During the installation of well T-16, soil samples were collected to a depth of 8 feet bgs. The highest measured PCB concentration in soil for the Hall Street properties was detected at this location at 116 mg/kg in the 3- to 4-foot depth interval, which was excavated during construction of well T–16. In the Revised Addendum #4, P/S also proposed to install monitoring well T-17 at a central location in Oxford Lake Park, which is located just downgradient of the OU-1/OU-2. The T-16 and T-17 well locations are shown relative to the previously installed wells on Figure 2-2.

4.4.5.1 Initial Soil Screening and Site Preparation

On January 10, 2012, soil samples were collected and analyzed in general accordance with the procedures described previously. PCBs were detected to 4 feet bgs in both locations. Drilling pads were constructed on January 25, 2012, at the T-16 and T-17 borehole locations to decrease the possibility of potential drag-down of constituents from the surface soil during installation of the monitoring wells. Similar methods were used to construct the drilling pads as previously described.

4.4.5.2 Monitoring Well Installation and Soil Sample Collection

The two temporary monitoring wells were drilled and installed using similar rotosonic drilling methods as described previously. On January 30, 2012, continuous core samples were collected from 4 feet bgs at T-16 and T-17 to the total depth of the well. The core samples were logged for lithologic determination, and analytical samples were collected. Three soil samples were collected at the T-16 location for analytical testing. Due to the water table being observed at 4 feet bgs at T-17, no additional soil samples were collected at this location. The samples were analyzed for total PCBs by Aroclor and homolog groups. In addition, one sample was collected from the screened interval from each well location for grain size and TOC analyses by the Walkley Black Method.

The installation depths for wells T-16 and T-17 were based upon the depth to the water table at each location, as determined by field observations made and recorded at the time of installation. The temporary monitoring well screens were installed to depths of approximately 14 feet bgs and 13.5 feet bgs for T-16 and T-17, respectively. Each well was constructed, developed, and completed consistent with the procedures previously described.

4.4.5.3 Lithology

Soil lithology was logged at each monitoring well location to document the presence or absence of fill material, determine the depth to the water table, and provide a visual reference for laboratory PCB results. Soil boring logs are summarized below:

- T-16: There was 1 foot of clean fill material observed with a geotextile maker layer at approximately 1 foot bgs. Brown silty sand was observed from approximately 1 foot bgs to 7 feet bgs, with moist soil starting at approximately 6 feet bgs. At 7 feet bgs, some medium gravel was observed with the brown silty sand. The gravel content increased with depth, becoming the dominant matrix at 10 feet bgs. From 10 feet to 15 feet (termination depth), a brown/grey medium to coarse gravel with some fine to coarse sand was observed.
- T-17: Brown silty sand/sandy silt was observed from the ground surface to 9 feet bgs, with moist soil starting at approximately 5 feet bgs. At 9 feet bgs, organic debris was observed. Below the organic debris, some medium gravel was observed with grey/brown silty sand. The gravel content increased with depth, becoming a mixture of fine-to-coarse sand and medium-to-coarse gravel from 10 feet to 14 feet bgs (termination depth).

4.4.5.4 Soil Results

The laboratory results for samples collected at T-16 indicated total PCB Aroclor concentrations ranging from 1.95 mg/kg to 116 mg/kg and total homolog concentrations ranging from 1.70 mg/kg to 110 mg/kg. The laboratory results for samples collected at T-17 contained total PCB Aroclor concentrations ranging from 28.1 mg/kg to 460 mg/kg and homolog concentrations ranging from 21 mg/kg to 360 mg/kg. Aroclor 1254 and Aroclor 1260 were detected for both locations. Aroclor 1268 was only detected at the T-16 location in the deeper interval samples (5 feet to 8 feet bgs). The homolog distribution was similar at both locations, with trichlorobiphenyl through decachlorobiphenyl and some low-level dichlorobiphenyl (< 0.1 mg/kg) detected. The dominant homolog groups detected from ground surface to 5 feet bgs for each location were tetrachlorobiphenyl, pentachlorobiphenyl, and hexachlorobiphenyl, accounting for 77% to 86% of the total concentration in each of the eight samples. This percentage decreased with depth at the T-16 location. From 6 feet to 8 feet bgs at T-16, the dominant homolog groups were nonachlorobiphenyl and decachlorobiphenyl, accounting for greater than 50% of the total concentration in each of the two samples.

A comparison of soil sample results tested using the Aroclor method versus using the homolog method indicates that all 13 samples results were similar (i.e., approximately 50% RPD or less), with the Aroclor method providing slightly higher results for 12 of the 13 samples analyzed. This is consistent with the results of the 2010 investigation for the T-13, T 14, and T-15 locations (Golder 2010b). Table 4-2 provides a summary of soil data collected at T-16 and T-17.

4.4.5.5 Groundwater Sampling and Results

On February 21, 2012, groundwater samples were collected for laboratory analysis from T-16 and T-17 in accordance with the Revised Addendum #4 (Golder 2011b), the Site-Wide QAPP (ARCADIS 2008), and the USEPA low-flow sampling procedures (USEPA 1996). A field duplicate and an equipment blank sample were also collected. The laboratory analyses were conducted in accordance with USEPA Method 8081A/8082 for Aroclors and USEPA Method 680 for homologs. Both filtered and unfiltered samples were analyzed from each well. Filtered samples were collected using 0.1-micron and 2.0-micron filters.

PCBs (i.e., Aroclors and homologs) were not detected in the filtered or unfiltered groundwater sample results for either T-16 or T-17(Golder 2012a). Table 4-8 provides a summary of the groundwater data from the samples collected in February 2012.

4.4.6 November 2012 Groundwater Investigation

Based on the completed groundwater investigations and a meeting between the USEPA and P/S on May 14, 2012, it was determined that collecting additional data in the vicinity of temporary monitoring well T-11 would enhance the ability of P/S and the USEPA to evaluate alternatives in the OU-1/OU-2 FS to address groundwater impacts in OU-1/OU-2. Therefore P/S prepared a plan to resolve OU-1/OU-2 data gaps (Proposed Plan), which was submitted to the USEPA on August 21, 2012 (Golder 2012b), and approved on October 23, 2012. The Proposed Plan included the following scope of work:

- Collecting soil samples from four boring locations surrounding temporary monitoring well T-11
- Installing and surveying a staff gauge in Snow Creek adjacent to T-11
- Collecting water level measurements and parameters in Snow Creek and T-11
- Collecting groundwater samples from temporary monitoring well T-11 for analysis of total and filtered PCBs
- Testing aquifer performance (slug testing) and analyzing data from temporary monitoring well T-11
- Evaluating the potential interaction of groundwater and surface water in the vicinity of temporary well T-11.

The field work, analytical chemistry, and data validation efforts summarized in the Proposed Plan have been completed. Summaries of the soil and groundwater results are provided in Tables 4-2 and 4-8, respectively. The average hydraulic conductivity for T-11 was calculated to be 5.93 feet per day (Golder 2013b). These data will be evaluated as part of the FS process for OU-1/OU-2.

4.4.7 Monitoring Well Abandonment

As groundwater results for temporary monitoring wells T-08, T-12, T-13, T-14, T-15, and T-17 were below the MCL for PCBs, P/S proposed to abandon these wells. On April 8, 2013, a briefing memorandum was provided to the USEPA requesting approval to abandon the listed temporary monitoring wells. On April 9, 2013, P/S received approval from the USEPA to

proceed with abandonment. In May 2013, the respective landowners were informed of the USEPA's approval to abandon the wells, and work was completed in June 2013. Abandonment activities were conducted using ADEM-approved well abandonment procedures and the Site-Wide QAPP (ARCADIS 2008). P/S are preparing a brief, well abandonment summary report that will be provided to the USEPA.

4.5 Ambient Air Investigations

P/S and the USEPA have conducted four sampling programs for ambient air in OU-1/OU-2 over the past 12 years. The majority of sampling locations for these programs were positioned in the northern portion of OU-1/OU-2 near the Facility (OU-3 as shown on Figure 4-7). Three of the P/S sampling stations (P/S locations 2, 3, and 6) were within the boundary of OU-3 and are not representative of conditions in OU-1/OU-2; therefore, data for these three locations are not being presented in this RI report or included in the electronic data appendix (Appendix B). These four sampling programs are summarized below.

In June 2000, the USEPA collected 54 air samples from 9 locations. The samples were analyzed for PCB Aroclors. Because PCBs were not detected in any samples, the USEPA collected an additional 18 samples (including two duplicates) from 8 locations. These 18 samples were analyzed for both Aroclors and 29 PCB congeners. The results of the USEPA's June 2000 investigation are presented in Table 4-9.

P/S conducted an air sampling program during 2003 and 2004 as part of the *RCRA Facility Investigation Confirmatory Sampling Air Monitoring Report* (ENSR 2004). P/S sample locations 1, 4, 5, 7, and 8 were all collected very close to the boundary between the Facility (OU-3) and OU-1/OU-2. At location 7, samples were initially collected to represent day and night conditions. There were no discernible trends in terms of higher concentrations between the day and night, and the remainder of samples at this location (and the other sample locations) were collected over a 24-hour sample period. Data from this investigation are presented in Table 4-10.

In 2006, an air sampling program was conducted under the Nonresidential Properties FSP (BBL 2004b) and associated addenda (BBL 2005a and 2006). The data collection program was designed to confirm the prior air data collected by the USEPA and P/S near the Facility. These earlier data indicated that ambient PCB concentrations at sampling stations located 0.25 to 1.0 mile from the plant are consistent with background concentrations in other urban areas. The OU-1/OU-2 investigation plan called for the samples to be taken from paved areas, on a hot summer day to represent a worst-case scenario.

A total of four air samples (plus one duplicate) were collected from two locations (two samples per location) using high-volume samplers collecting data over a 24-hour period. The samples were collected on August 15 and 16, 2006, in the middle of the summer with air temperature around 80 degrees. The samples were collected using General Metals Works polyurethane foam (PUF) PS-1 samplers fitted with glass filters and PUF/XAD sorbent traps to collect both particulate and vapor-phase PCBs. Results from this air sampling program are presented in Table 4-11.

The USEPA collected air samples at three locations in OU-1/OU-2 during October 2012 (USEPA 2013a). The overall goal of this study was to "collect data of sufficient quality and quantity to determine if Anniston residents in the study area are being exposed to PCB concentrations in the ambient air at levels that may pose a potential health hazard. The PCB data collected will be summarized into homolog concentrations at the request of USEPA Region 4 Human Health Risk Assessors to compare the data collected in this study with data from previous studies." The study design included three sample collections locations (locations F, I, and J) that were positioned relatively close to OU-3 (Figure 4-7). A collocated sampling device was deployed at location J for quality assurance/quality control purposes. The air samples were collected as 24-hour high volume samples over a two-successive-day period starting on October 23, 2012, and ending on October 25, 2012. The PCB homolog data from this study are presented on Table 4-12 and included in Appendix B. The USEPA report also includes PCB congener data that were not yet available in an electronic form as of the writing of this RI report.

4.6 Habitat

Habitat data to support the ecological risk assessment process for OU-1/OU-2 were collected through four field reconnaissance efforts: October 2001, May 2002, October 2003, and June 2005. The 2001, 2002, and 2003 work was used to inform the detailed quantitative and qualitative survey work conducted in 2005 to support the preparation of the SLERA (BBL 2005b). The 2005 survey included two approaches for evaluating the habitat quality in and along Snow Creek where aquatic and riparian (creek bank) habitats are the primary habitat types. The USEPA *Rapid Bioassessment Protocols for Use in Wadeable Streams and Rivers (RBP)* (Barbour et al. 1999) was used to evaluate aquatic habitat within Snow Creek. The method scores a number of stream parameters from 0 to 20 with a total possible score for ideal stream habitat of 200. The terrestrial environment (primarily the riparian corridor along Snow Creek) was assessed using the Kansas Department of Wildlife and Parks method for the quantitative evaluation of terrestrial wildlife habitat quality (KDWP 2004). The Kansas Parks Method (KPM) is a terrestrial analog of that used in the RBP. The method is used to assign a value from 0.0 to 10.0 (a Kansas Park [KP] Value Score) to represent the quality of an evaluated habitat compared to an optimum habitat, which is represented by a score of 10.

Five survey locations were selected along Snow Creek and are shown on Figure 4-8: one upstream of the confluence with the 11th Street Drainage Ditch and four within the OU-1/OU-2 portion of Snow Creek. Work done prior to 2005 indicated that habitat components of OU-1/OU-2 are isolated patches in intensely developed, urbanized, and managed landscapes. Much of the terrestrial habitat that exists in OU-1/OU-2 is confined to narrow (and sometimes fragmented) bands of habitat along Snow Creek that are surrounded by a well-established urban setting of commercial, industrial, and residential land uses. Based on this information and reconnaissance work done for the 2005 survey work, the five survey locations were selected to be biased toward the highest quality habitat locations. The results of the RBP and the KPM indicate that the quality of the riparian corridor habitat bordering Snow Creek is poor and the creek habitat is considered fair.

In addition to the RBP and KPM, plant, macroinvertebrate, fish, and wildlife species observations were made during the 2005 biological survey work. With the exception of Station 1 (the upstream station), no aquatic vegetation was observed in any of the survey locations.

However, some aquatic plants were observed during previous survey work. The benthic macroinvertebrate survey showed the greatest diversity. An abundance of species was found in Stations 1 (located upstream of the confluence with the 11th Street Ditch) and 2 (located just downstream of the Highway 202 underpass), with lower values by comparison in Stations 3, 4, and 5. The fish observed primarily consisted of small minnow-like fish such as mosquitofish (*Gambusia holbrooki*) and stonerollers (*Campostoma oligolepis*). Station 4 had the highest number of fish and the highest diversity of species found with 8 taxa and 177 fish. A number of wildlife species were observed during the 2005 survey and in previous survey work. Specifically, 11 bird species were observed feeding or foraging within at least 1 of the survey areas in 2005, and 9 other species were seen resting or identified by call. The tree swallow (*Tachycineta bicolor*) was the only bird species observed nesting in the area. Only two mammal species were observed, and four mammals were identified based on tracks. The muskrat (*Ondatra zibethica*) was the only mammal for which a den, hut, or burrow was observed. Several frog species were heard calling, but the American toad (*Bufo americanus*) and the Southern two-lined salamander (*Eurycea cirrigera*) were the only amphibians observed. Two turtles and two snakes were observed and/or seen foraging. A detailed description of the methods and results of the 2005 survey as well as the results of area observations from previous work are provided in the SLERA (BBL 2005b).

5 Nature and Extent of Contamination

This section of the RI report presents the nature and extent of contamination for the OU-1/OU-2 portion of the Site. Based on Site knowledge, the CSM, data presented in this RI report, and the risk assessments, PCBs are the primary constituent of concern for OU-1/OU-2. The nature and extent of PCBs in floodplain soils, sediment, surface water, groundwater and air are presented in this section. In addition to PCBs, the nature and extent of several non-PCB constituents the USEPA identified for evaluation in the human health and ecological risks assessments are also presented. The OU-1/OU-2 HHRA focused on several of the non-PCB constituents including arsenic, PAHs (as benzo(a)pyrene [BaPE] equivalent), chromium and polychlorinated dibenzo-*p*-dioxin and dibenzofurans (PCDD/DFs). The OU-1/OU-2 HHRA primarily focused on these constituents in floodplain soils as their presence in other Site media (surface water, sediment and air) resulted in low levels of risk. PCBs and non-PCB constituents in groundwater were not specifically addressed in the OU-1/OU-2 HHRA as the presence of these constituents was evaluated based on a comparison to MCL values. The OU-1/OU-2 SERA focused on the OU-1/OU-2 portion of Snow Creek, and the nature and extent of barium, chromium, cobalt, lead, manganese, mercury, nickel, vanadium, PCDD/DFs, and dioxin toxic equivalent (TEQ) in sediment are presented in this section.

5.1 PCBs in Floodplain Soils

The overall assessment for the nature and extent of PCBs in floodplain soils in OU-1/OU-2 was completed using both the nonresidential dataset and the large extent to which the residential sampling and removals have been completed for this OU. The overall distribution of PCBs in nonresidential surface soils is presented in Figure 5-1. These data demonstrate the low concentration of PCB-containing soils in the nonresidential portions of the OU. The data also demonstrate that the locations where PCB concentrations are elevated are typically current or former industrial areas. The comprehensive nature of Site characterization efforts and removal actions for residential properties and nonresidential portions in EU1 through EU30 are shown in Figures 5-2 through 5-32. The same information for the northside properties is presented on Figure 5-33 and for the eastside properties, on Figure 5-34. These figures show the PCB concentrations for surface and subsurface samples using colored dots. The colored dots reflect the range of the PCB concentrations (e.g., $\geq$ 1 mg/kg to < 10 mg/kg). Where subsurface data are available, the outer color represents the applicable PCB concentration range. Locations where data in addition to PCBs and lead are available include a black dot in the center of the sample location symbol. Sample identification labels are also included on the figures. These labels apply to the samples specifically located in and immediately around the EUs, the northside area, and the eastside area. These include cases where the floodplain soil data are not located directly within the footprint of the EU yet, for evaluation purposes, are considered to be associated with that EU. For these samples, the location identification labels are shown on the EU-specific figure and the data were assumed to be part of the EU dataset for the purposes of evaluating the nature and extent of PCBs. The sample results listed in Table 5-1 also indicate if the data are associated with an EU, and if they are, then the EU is listed. Data in Table 5-1 that are not specifically associated with an EU are listed as “N/A” in the EU column of the table. Locations where IMs or removal actions have been previously implemented are also shown on the series of Section 5 figures mentioned above.

IMs were previously conducted for the northside and eastside properties as discussed in Section 3. Figures 3-2a through 3-2d show the extent of the IMs implemented for the northside properties. Figures 3-3a through 3-3d show the extent of IMs implemented for the eastside properties. The PCB concentration results shown on Figures 5-33 and 5-34 reflect floodplain soil samples collected outside of the IM footprints in these two areas. Given the isolated nature of these two areas, it was more logical to associate the data with a general area surrounding the IMs than an adjoining EU. The distribution of PCBs in floodplain soils (including surface and subsurface soils) is further discussed below.

5.1.1 PCBs in Surface Soils

As discussed in Section 4, the PCB dataset for surface (and subsurface) soils presented in this RI report were generated by multiple parties through multiple sampling programs. For the purposes of evaluating the nature and extent of PCBs in surface soils, data from samples collected in the upper 1 foot of the soil column were included. These data are presented as the average of all the results for the upper 12 inches of soil to be consistent with the OU-1/OU-2 HHRA (CDM 2010a).

PCB concentrations from the nonresidential surface soils of OU-1/OU-2 ranged from not detected to a maximum of 3,700 mg/kg (in EU5). The arithmetic mean PCB concentration for the surface soil results is approximately 15 mg/kg. The arithmetic mean is highly influenced by the 3,700 mg/kg result adjacent to EU5 (the Miller property) where fill materials have been noted. A high concentration sample (770 mg/kg) was also collected in a former junkyard located in EU19N. These isolated high concentration values have a significant impact on the calculated mean value. If the data from EU5 are not included, the arithmetic average PCB concentration for the surface samples is 6.2 mg/kg. This low concentration mean value is consistent with 88% of surface soil sample results having PCB concentrations below 10 mg/kg.

Using the EUs developed for the Site characterization and the HHRA allows for these data to be examined on an area-by-area basis. Table 5-2 presents a summary of the nonresidential data by EU recognizing that (with a few limited exceptions) the residential properties have either been remediated or sampled and have floodplain soil concentrations less than 1 mg/kg. Table 5-2 includes a weighted EU surface mean PCB concentration that can be used to compare one EU to another. The spatial weighting is based on the percentages of the EU that are residential and nonresidential. For example, if the geographic split between the residential and nonresidential portions of the EU was 50/50 and the mean concentration of the nonresidential portion of the EU was 8 mg/kg, and the residential portion of the EU was assumed to be 1 mg/kg (a conservative assumption), then the spatially weighted mean concentration for the EU as a whole would be 4.5 mg/kg. The use of spatial weighting also acts to balance the higher sampling frequency in the residential program compared to the nonresidential program. Using the spatially weighted approach, the overall surface average PCB concentration is 12 mg/kg for OU-1/OU-2. As noted above, the OU-wide average PCB concentration is driven by results collected for samples located in EU5. When this EU is not included, the OU-wide spatially weighted average PCB concentration is lowered to 5 mg/kg. If EU5 and the northside and eastside properties areas are not included in the calculation, the OU-wide spatially weighted average PCB concentration is 4.3 mg/kg.

In a typical floodplain system, constituent concentrations decrease with distance downstream and distance from the creek bank. This approach has been an effective model for understanding the nature and extent of PCBs in OU-4 and has been generally consistent for OU-1/OU-2 noting a number of exceptions. The distribution of PCBs in OU-1/OU-2 soils is complicated because the area is highly developed and disturbed.

As seen in Table 5-2, of the 31 EUs and 2 areas (northside and eastside properties) evaluated, 13 (39%) have an average PCB concentration less than 1 mg/kg, and 23 of the EUs and 2 areas (approximately 70%) have a mean PCB concentration of 5 mg/kg or less. The mean PCB concentration was 10 mg/kg or higher in only 6 of the EUs: EU5, EU7, EU14N, EU19N, EU19S and EU26. The mean concentration for the northside area was also above 10 mg/kg (15 mg/kg). In each of these cases, the elevated mean PCB concentration is driven by a single high result or a small number of results with high PCB concentrations that are limited to a relatively small portion of the overall geography of the EU/area.

5.1.2 PCBs in Subsurface Soils

While the surface soil sampling efforts were designed to achieve comprehensive overall spatial coverage of the OU, the subsurface soil sampling locations were targeted for areas within the OU with elevated surface soil PCB concentrations. For the subsurface samples collected in nonresidential areas of the OU, the majority of the samples were collected at locations where the highest 10% of surficial PCB concentrations were measured. This includes a portion of soil samples that were collected as part of the groundwater investigations where the sampling was specifically targeted for locations with the highest PCB soil concentrations at depth. For the residential subsurface sampling locations, subsurface samples were generally only collected in areas where removal actions were conducted (i.e., surface soil PCB concentrations greater than or equal to 1 mg/kg). Figure 4-3 depicts the available subsurface soil sample locations. As seen in this figure, these data are less numerous than the surface data and do not provide the same spatial representation within each EU. For residential properties with PCB soil concentrations of 10 mg/kg or higher, soils were excavated at depth, which means the data collected at the time of the residential investigations are not representative of current conditions. In locations where high PCB concentrations led to depth sampling (ARCADIS BBL 2007a), fill materials were present in most of these soil borings.

The subsurface data are presented in Table 5-3 and represent the average value of measured concentrations from 0 to 4 feet bgs. This approach is consistent with the OU-1/OU-2 HHRA. PCB concentrations from the nonresidential subsurface soils of OU-1/OU-2 ranged from not detected to a maximum of 560 mg/kg in EU5. The arithmetic mean PCB concentration for these data is 31 mg/kg (including the northside and eastside areas). This result is significantly driven by the mean subsurface concentration in EU5 of 69 mg/kg. Without EU5, the overall average subsurface PCB concentration for the OU as a whole is calculated as 19 mg/kg (inclusive of the northside and eastside areas).

The subsurface soil PCB concentrations for the northside properties area and the eastside properties area are both below 1 mg/kg. Of the 19 areas with subsurface soil data, 4 (21 %) have mean PCB concentrations above 20 mg/kg. These EUs include: EU5, EU19N, EU19S, and EU26. The mean subsurface concentration values are influenced by the biased sampling

approach (of choosing the locations with the highest surface sample concentration) and the limited number of locations with elevated concentrations. With the exception of these localized areas of higher concentrations, the combined nonresidential and residential dataset are more representative of the OU as a whole.

5.1.3 Other Constituents in Soils

In addition to PCBs, a proportion of samples from OU-1/OU-2 was also analyzed for the wider list of constituents. The list of constituents, the number of soil samples analyzed for each parameter, and summary statistics are provided in Table 4-3. These data were used in the HHRA (see Section 7.1 and Appendix D) to evaluate the risks from constituents other than PCBs. Following the OU-1/OU-2 HHRA COPC screening process, the HHRA calculated risks to human health from multiple non-PCB constituents in soils. These constituents included 4,4'-dichlorodiphenyltrichloroethane (DDT), aldrin, benzene, bis(2-ethylhexyl)phthalate, dieldrin, PAHs (BaPE equivalent), PCDD/DFs, antimony, arsenic, cadmium, chromium, cobalt, iron, lead, manganese, mercury, and thallium. For the most part, these constituents were only detected above screening levels or above naturally occurring background levels (for metals) occasionally or in limited geographic areas; they do not represent an OU-wide constituent of concern. The HHRA also concluded that the majority of these other constituents did not contribute significantly to risk. The non-PCB constituents that the OU-1/OU-2 HHRA focused on in soils included arsenic, PAHs, chromium, and PCDD/DFs. The nature and extent of these constituents in soils are discussed below.

Arsenic: OU-1/OU-2 arsenic concentrations in surface soil are summarized on Table 4-3 and shown on Figure 5-35. As shown on this figure, the distribution of arsenic concentrations is similar across the EUs. This distribution is also consistent with background conditions described in the COPC evaluation included as Appendix G. The background arsenic concentration from the Fort McClellan study referred to in Appendix G is 8 mg/kg, and the mean arsenic concentration for the OU-1/OU-2 EUs is 11 mg/kg. Overall, arsenic concentrations in OU-1/OU-2 soil are consistent with background concentrations.

PAHs: PAH concentrations in soil for OU-1/OU-2 are summarized in Table 4-3 on both the individual PAH compounds and on a total PAH basis. These results are shown on Figure 5-36 as BaPE equivalent concentrations because the PAH data were evaluated using this approach in the OU-1/OU-2 HHRA. The distribution of BaPE equivalents within the EUs (Figure 5-36) is also consistent with the distribution of total PAHs shown on Figure G-5 in Appendix G. The highest BaPE equivalent concentrations are associated with the highest total PAH concentration samples. Using either approach to evaluate the spatial and concentration distributions of the PAH constituents, the elevated concentrations are randomly distributed and interspersed with lower concentrations. As noted in Appendix G, the higher PAH concentrations were found to the north and outside of the OUs. Two of the samples (PCWaste 10 and PCWaste 11) in the dataset have a significant influence on mean concentration for the OU and are not representative of conditions across the OU. The mean total PAH concentration from Table 4-3 of 180 mg/kg is lowered to approximately 3 mg/kg when these two samples are not included in the averaging process. The two samples in question were collected in a ditch adjacent to a railroad spur located northwest of EU1. These samples were collected in close proximity to railroad ties and have total PAH concentrations of 15,000 mg/kg and 4,000 mg/kg. The PCB

results for these two samples (PCWaste 10 and PCWaste 11) were both nondetect. While PAHs are present throughout the Anniston area at typical urban background levels, these two samples results are not representative of conditions across the OU.

Chromium: Chromium in soil data are summarized on Table 4-3 and shown on Figure 5-37. The OU-1/OU-2 average chromium concentration of 90 mg/kg is driven by two elevated sample results of 14,000 and 850 mg/kg from samples collected in EU22 and EU24, respectively (see Figure 5-37). If these two high values are not included in the calculation, the average surface concentration is 39 mg/kg and the maximum chromium concentration is 550 mg/kg. Both of these samples were collected in former industrial areas including near railroad tracks in EU22 and a junkyard in EU24. Both of these EUs also have relatively low PCB concentrations with a mean PCB concentration of 1.5 mg/kg in EU22 and a mean PCB concentration of 6.8 mg/kg in EU24.

PCDD/DFs: Data for PCDD/DFs in OU-1/OU-2 soils are summarized in Table 4-3 and shown on Figure 5-38 on a PCDD/DF TEQ basis. Because the analytical method is so sensitive, extremely low levels of PCDD/DFs are detectable. The TEQ concentrations are consistent throughout the OU and generally range from 0.00036 to 0.25 micrograms per kilogram (µg/kg), with the exception of a single isolated results for a sample that was collected in EU25. This sample was collected in a former industrial area (US Pipe) and has a PCDD/DF TEQ concentration of 2.2 µg/kg. The sample was also tested for PCBs and had a concentration of 0.062 mg/kg. The mean PCB concentration for EU25 as a whole is also low (0.27 mg/kg). The distribution pattern of PCDD/DF concentrations suggests that their presence is the result of local anthropogenic background sources.

5.2 Sediment

As with soils and other media, PCBs are the primary COPC in sediment. Other constituents were also evaluated based on concentration, prevalence, and distribution. Additional analysis in terms of their potential to be considered COPCs for the Site is included in Appendix G. The OU-1/OU-2 HHRA did not find unacceptable risks associated with sediment. However, sediment were evaluated as an exposure media from an ecological perspective in the OU-1/OU-2 SERA (Appendix E-2). In addition to PCBs, the OU-1/OU-2 SERA considered exposure to barium, chromium, cobalt, lead, manganese, mercury, nickel, and vanadium in sediment. The following subsections discuss the nature and extent of PCBs and metals in sediment in OU-1/OU-2.

5.2.1 PCBs in Sediment

The sediment PCB data for the OU-1/OU-2 portion of Snow Creek are included in Table 4-4 and are presented on a series of Figures (5-39a through 5-39o). Figure 5-39a is a location key for the figures, showing that PCB results are presented on Figures 5-39b-59o in an upstream to downstream manner. These PCB results are also presented on a single concentration versus location basis on 5-40. Local features along Snow Creek such as roads and bridges are also shown on the figure to provide context. Representative features include Highway 78, Highway 202, several local roadways and a railroad crossing.

Sediment data for portions of Snow Creek upstream of its confluence of the 11th Street Ditch and downstream of Highway 78 are also shown on Figures 5-39b through 5-39f. Sediment PCB

data for Snow Creek sampling locations upstream of the 11th Street Ditch (14th Street and 16th Street), three locations sampled under the Anniston Lead Site, and one location sampled by the USEPA are presented in Table 5-5. These data are considered reflective of conditions upstream of where surface water runoff from OU-3 is conveyed to Snow Creek via the 11th Street Ditch. Additional sediment PCB data for the West 9th Street Creek are presented in Table 5-6. This creek drains surface water runoff from a former industrial area into Snow Creek. Sediment PCB results are shown on Figures 39c through 59-f and on Figure 5-40. These data are presented with a different symbol on Figure 5-40 to avoid confusion with sediment samples collected directly from Snow Creek.

The sediment total PCB concentrations for the OU-1/OU-2 portion of Snow Creek range from not detected to 60 mg/kg (Table 4-4). The highest PCB concentrations are generally located in the upstream portions of Snow Creek between the 11th Street Ditch and Highway 202, inclusive of the culverts that go under the highway. There is also a small portion of Snow Creek with elevated sediment PCB concentrations near a railroad bridge that is located just downstream of Highway 202.

The portion of Snow Creek between the railroad bridge and Highway 78 is generally characterized by low PCB concentrations. The average sediment PCB concentration for this reach of the creek is approximately 1.9 mg/kg. Most of the sample results for this reach of the creek were less than 6 mg/kg. A single elevated concentration (approximately 11 mg/kg) was measured in this downstream portion of Snow Creek. This sediment sample was collected adjacent to EU25 and is shown on Figure 5-39n as being located next to a railroad crossing.

The total PCB concentrations in sediment for the portion of Snow Creek upstream of the 11th Street Ditch range from not detected to a high of 18 mg/kg. The average PCB concentration for this portion of Snow Creek located upstream of its confluence with the 11th Street Ditch is approximately 0.96 mg/kg. The sediment PCB concentrations for the West 9th Street Creek range from not detected to a high of 15 mg/kg. The average PCB concentration for the West 9th Street Creek is approximately 1.9 mg/kg.

5.2.2 Other Constituents in Sediment

Metals in sediment data for OU-1/OU-2 are summarized on Table 4-5 and on Figures 5-41 through 5-49. The concentrations of metals were evaluated in the SERA (Appendix E-2) for the OU-1/OU-2 portion of Snow Creek (ARCADIS 2013). The list of metals evaluated in the OU-1/OU-2 SERA included barium, chromium, cobalt, lead, manganese, mercury, nickel, and vanadium. A summary of the sediment metals data for samples collected from the portion of Snow Creek upstream of its confluence with the 11th Street Ditch is presented in Table 5-7. Metals data for samples that were collected from the West 9th Street Creek are included on Table 5-8.

Figure 5-41 includes a series of figures: 5-41a through 5-41j. Figure 5-41a is a location key for the figures presenting the metals results on Figures 5-41b through 5-41j. The metals results are also presented on a concentration versus location basis on Figure 5-42 through Figure 5-49. Local features along Snow Creek, such as roads and bridges, are also shown on these figures

to provide context. Representative features include Highway 78, Highway 202, several local roadways, and a railroad crossing.

Sediment data for portions of Snow Creek upstream of its confluence of the 11th Street Ditch are also shown on Figures 5-41b through 5-41f. Sediment sampling locations upstream of the 11th Street Ditch (14th Street and 16th Street), three locations sampled under the Anniston Lead Site, and one location sampled by the USEPA are presented in Table 5-5. These data are considered reflective of conditions upstream of where surface water runoff from OU-3 is conveyed to Snow Creek via the 11th Street Ditch. Additional results for metals in sediment for a tributary/backwater ditch that drains surface water runoff from a former industrial area into Snow Creek are provided in Table 5-6 and are shown on Figures 39c through 39f, and on Figures 5-42 through 5-49 (listed alphabetically). These data are presented as a different symbol to avoid confusion with sediment samples collected directly from Snow Creek. Results for individual metals in sediment are discussed below.

Barium: Barium concentrations in Snow Creek sediment samples collected downstream of the 11th Street Ditch range from approximately 40 mg/kg to 580 mg/kg (Figure 5-42).

Chromium: Chromium concentrations in Snow Creek sediment samples collected downstream of the 11th Street Ditch range from approximately 30 mg/kg to 670 mg/kg (Figure 5-43).

Cobalt: Cobalt concentrations in sediment samples collected from Snow Creek downstream of the 11th Street Ditch range from not detected to 110 mg/kg (Figure 5-44).

Lead: Lead concentrations in sediment samples collected from Snow Creek downstream of the 11th Street Ditch range from approximately 20 mg/kg to approximately 510 mg/kg (Figure 5-45).

Manganese: Manganese concentrations in sediment samples collected from Snow Creek downstream of the 11th Street Ditch range from approximately 100 mg/kg to approximately 5,200 mg/kg (Figure 5-46).

Mercury: Mercury concentrations in sediment samples collected from Snow Creek downstream of the 11th Street Ditch range from approximately not detected to approximately 9 mg/kg (Figure 5-47).

Nickel: Nickel concentrations in sediment samples collected from Snow Creek downstream of the 11th Street Ditch range from approximately 12 mg/kg to approximately 110 mg/kg (Figure 5-48).

Vanadium: Vanadium concentrations in sediment samples collected from Snow Creek downstream of the 11th Street Ditch range from approximately 6 mg/kg to 64 mg/kg (Figure 5-49).

5.3 Surface Water

Surface water data used to assess the nature and extent of PCBs that were collected under the RCRA program are presented in Table 4-6. As discussed in Section 4, these data include particulate and total suspended solids (TSS) measurements representing a range of base- and

high-flow conditions. The data were collected to assess the downstream transport of PCBs and suspended solids but were also used to calculate estimated whole-water PCB concentrations. These data indicate that for base-flow conditions at the downstream end of OU-1/OU-2, the chronic Ambient Water Quality Criteria (AWQC) of 0.014 µg/L was exceeded in three of six sampling events. This is relevant in assessing surface water conditions for Snow Creek because base-flow conditions are typically present 90% of the time. Also of note was the presence of PCBs in the surface waters of Snow Creek at sampling stations located 2,000 feet and 3,000 feet upstream of where the 11th Street Ditch enters Snow Creek. The highest calculated whole-water PCB concentration was also for an upstream sampling location (0.772 µg/L at 14th Street) and was a factor of approximately five higher than the highest calculated downstream whole-water concentration for base-flow conditions (0.168 at Snow Street). The AWQC for PCBs was exceeded during all high-flow events using the calculated whole-water PCB concentrations. This is not unexpected as during periods of high-flow, elevated TSS concentrations that are present in the surface water can drive the calculated whole-water PCB concentrations.

The data collected under the Nonresidential Properties FSP (BBL 2004b) and associated addenda (BBL 2005a and 2006) are presented in Table 4-7. These samples were collected in OU-4 just downstream of OU-1/OU-2 and were collected for three separate high-flow events. As indicated in Table 4-7, PCB Aroclors were not detected (at a reporting limit of approximately 0.5 µg/L) in any of the whole-water samples. Total PCBs as the sum of homolog groups were also determined using a more sensitive method than the 8082 Aroclor method with the concentrations ranging from 0.2 µg/L to 0.6 µg/L. While PCBs were present at concentrations above the AWQC during these high-flow conditions, this was not unexpected as the samples were analyzed as whole-water samples and included suspended sediment. While the data indicate that during periods of high flow, the chronic AWQC for PCBs was exceeded, an acute AWQC value for comparison with high-flow conditions is not available. In terms of the metals evaluated as part of the OU-1/OU-2 SERA, lead exceeded the chronic AWQC in one event and both chromium and lead exceeded acute and chronic AWQC in one event.

The surface water data for Snow Creek indicate that during base-flow conditions the downstream PCB contributions from Snow Creek to OU-4 are small and that TSS and PCB transport in Snow Creek are extremely responsive to high-flow events. The majority of annual sediment transport occurs infrequently and over short periods of time. Given the low concentration of solids generally present in the creek during period of low flow, the surface water PCB concentrations are expected to be quite low. This is important as base-flow conditions for the creek are present 90% of the time.

The surface water data collected also show a reduction in quantity of PCBs being transported down Snow Creek over the period of sample collection (2002 to 2006). This observation is based on the average calculated surface water concentrations during 2002 of approximately 1 µg/L as compared to the average high-flow PCB concentration of 0.40 µg/L measured in 2007.

5.4 Groundwater

Given the affinity of PCBs for soil particles, groundwater is not a significant medium of concern for OU-1/OU-2. This hypothesis is supported by the groundwater data, which show the MCL for

PCBs is only exceeded in one location outside the areas that are being addressed under OU-3. This one instance—groundwater well T-11—is located in the eastern portion of EU5. Two small areas adjacent to OU-3—one just to the north of the geographic boundary between the two OUs (near groundwater well OW-21A) and a second area at the northeast perimeter of OU-3 (near groundwater well OW-10)—have groundwater conditions exceeding the MCLs for PCBs and other Site-related constituents. Groundwater in these two small areas has been, and will continue to be, addressed as part of OU-3 since the RI for OU-3 determined that constituents detected in these wells originated from the Facility. These areas will be addressed through implementing the selected remedy for OU-3 identified in the IROD (USEPA 2011). Groundwater also exceeded the MCL at well T-09 (1.04 µg/L). Conditions at this location are believed to be associated with groundwater impacts at well OU-21A and will be addressed under the OU-3 remedy.

Section 4 of this RI report summarizes the groundwater investigations conducted by P/S in OU-1/OU-2 and OU-4 at the locations shown in Figure 2-2. A summary of the groundwater data collected is included on Table 4-8. The investigation of groundwater for OU-1/OU-2 was extended into the northeastern portion of OU-4 since elevated PCB concentrations were identified in soil in close proximity to the water table and the PCB data included a higher proportion of lower chlorinated Aroclors. Collecting groundwater data at this location (groundwater well T-17) in OU-4 also advanced the investigation of groundwater in this downstream OU.

Monitoring wells were installed and samples were collected at locations where PCBs in soil were detected at depth, IMs were installed, or the USEPA and P/S agreed that additional investigations were appropriate. Based on these results, the USEPA and P/S developed a hypothesis that leaching to groundwater will only potentially occur in instances where lower chlorinated PCBs are found in soil at depth and in relative close proximity to the water table. Soil concentrations within OU-1/OU-2 and OU-4 have been well characterized indicating that the T-11 area is unique with regards to its soil Aroclor distribution and resulting groundwater PCB concentrations. The data and observations presented support the following conclusions and recommendations for OU-1/OU-2 that also extend forward for OU-4:

- Where IMs consisting of caps and/or covers are present over PCB-containing soils (eastside properties, northside properties, CSSMA property, and Hall Street), only one detection of PCBs was noted in groundwater at T-09 (1.04 µg/L). However, as noted previously, this detection is likely located in a downgradient detection from the OW-21A area and is being addressed as part of OU-3.
- As indicated by the groundwater results for T-09 and T-10, the concentrations detected in OW-21A do not extend to the northern property boundary (West 9th Street) of the northside properties. The concentration gradients from OW-21A to T-09/T-10 for PCBs, parathion, and 4 nitrophenol, clearly demonstrate that constituent impacts associated with OW-21A remain within the general area of OW-21A (to be addressed as part of the OU-3 RD/RA).
- Groundwater PCB concentrations associated with floodplain soils appear to be limited to the T-11 area.

- The soil and groundwater data collected near T-11 support the isolated nature of groundwater contamination at this location. A range of potential remedial alternatives to address groundwater at T-11 will be evaluated during the OU-1/OU-2 FS.
- The nature and extent of contamination in groundwater at OU-1/OU-2 (including Oxford Lake Park in OU-4) have been defined based on the data collected.

5.5 Air

Ambient air data for OU-1/OU-2 have been collected under separate sampling programs spanning a 12-year period. All of the results have all been similar and characterized by low (nanograms per cubic meter [ng/m^3]) PCB concentrations in air. Total PCB concentrations for the air samples collected by the USEPA in 2000 (based on the sum of PCB Aroclors) ranged from not detected to 45 ng/m^3. This is consistent with the results of air sampling conducted by P/S in 2003 and 2004 where the average total PCB concentration at each sampling location ranged from 2.9 ng/m^3 to 24.4 ng/m^3. Additional air sampling conducted during the summer of 2006 at two locations with elevated PCB concentrations in soil had total PCB concentrations in air ranging from 1.4 ng/m^3 to 14.5 ng/m^3. The PCB air data collected by the USEPA in 2012 are consistent with previously collected data for OU-1/OU-2, and the concentrations ranged from 1.7 ng/m^3 to 26 ng/m^3 (USEPA 2013a), with an average of 9 ng/m^3. Air samples collected in 2006 (Table 4-11) were also analyzed for PCDD/DFs and these data were used along with individual PCB congener data to calculate total TEQs for each sample. Total TEQs ranged from 0.001 pg/m^3 to 0.028 pg/m^3.

Air samples collected in OU-1/OU-2 are consistent with a report prepared by the Agency for Toxic Substances and Disease Registry (ATSDR) titled *Health Consultation: Anniston PCB Air Sampling* (ATSDR 2003) that concluded mean concentrations from the USEPA air sampling stations located 0.25 to 1.0 miles from the Facility were generally below 10 ng/m^3 (ATSDR 2003). These data are consistent with the atmospheric concentrations reported by ATSDR for more densely populated areas in the US (ATSDR 2003). Based on the air data collected to date, there is no need for additional data farther away from the Facility or from other areas within OU-1/OU-2. Depending on the alternatives evaluated in the FS and whether these will disturb soils with elevated PCB concentrations, the need to collect air samples for the protection of Site workers or the local community will be considered in the FS evaluation process. Additional air samples to characterize air as a potential source for exposure or transport pathway are not needed.

5.6 Ecological Habitat Findings

The data collected during the ecological habitat field surveys documented that the terrestrial exposure pathways in OU-1/OU-2 are, in many cases, truncated and incomplete. Habitat in the area is disturbed and dominated by mowed and maintained lands with little habitat quality plant cover, impervious surfaces, and transportation infrastructure. Development pressure is present in the area which will likely lead to even more fragmented and disturbed ecological habitat over time as more urban infrastructure is constructed. A more complete ecological risk assessment is being performed in OU-4 where the terrestrial habitat is of higher quality. The USEPA determined that further assessment of ecological risk to terrestrial receptors would be better

suited to downstream rural areas along Snow Creek and Choccolocco Creek located in OU-4 as opposed to OU-1/OU-2.

The aquatic ecosystems in Snow Creek, are also disturbed and generally of low quality, however, there are potentially complete exposure pathways (Figure 4-8). Potential ecological risks for the OU-1/OU-2 portion of Snow Creek are evaluated in the OU-1/OU-2 SERA for the OU-1/OU-2 portion of Snow Creek (ARCADIS 2013). The OU-1/OU-2 SERA evaluated potential ecological risks in the reach of Snow Creek downstream of the 11th Street Ditch to the location where the creek intersects Highway 78 in Oxford, Alabama. A summary of the OU-1/OU-2 SERA is presented in Section 7.2.

5.7 Nature and Extent Summary

The nature and extent of contamination in OU-1/OU-2 has been documented through multiple investigations conducted under the RCRA and CERCLA programs. Sampling of surface and subsurface soil, sediment, surface water, groundwater, and air has provided a robust data set to characterize the OU and to provide inputs to the human health and ecological risk assessments. As such, additional data are not necessary to proceed into the FS process for OU-1/OU-2.

The investigations in OU-1/OU-2 have included residential sampling (and soil removals) and sampling of multiple environmental media for a wide range of chemical constituents in addition to PCBs. Residential properties were sampled and either found to contain PCBs at concentrations less than 1 mg/kg in surface soils or were largely remediated through removal actions. Although there are a small number of residential properties still pending remediation, removal activities at these properties will be implemented once the physical and/or legal access constraints are resolved. The large number of surface soil results from the sampling of nonresidential areas combined with results from the residential removal program provide a comprehensive understanding for the nature and extent of PCBs in soils for the OU. These PCB data, in combination with data for non-PCB constituents in soils are also sufficient for the USEPA to evaluate human health risks in the OU-1/OU-2 HHRA. The floodplain soil data for surface and subsurface soils shows that elevated PCB concentrations are generally limited to a small number of former industrial areas including one near OU-3 and adjacent to the 11th Street Ditch (EU5) that may have been affected by historical surface water runoff.

The nature and extent of PCBs and other constituents in the OU-1/OU-2 portion of Snow Creek are well characterized and support the evaluation of ecological risks in the OU-1/OU-2 SERA. The results indicate that elevated concentrations of PCBs and the other constituents are generally limited to the most upstream reaches of the creek where the habitat quality is significantly influenced by the urban setting.

A significant number of surface water samples have been collected in OU-1/OU-2 and the data are sufficient to characterize extent of PCB and other constituents. These data are also sufficient to support the ecological risk assessments that were conducted for Snow Creek. The surface water data collected for the downstream end of Snow Creek indicate that PCBs are present during brief periods of high flow. The high-flow events are limited in both frequency and duration. The presence of PCBs during the infrequent high-flow events is likely associated with the higher concentrations of suspended solids in the water column.

Investigations of groundwater indicate that concentrations in groundwater are generally below MCLs even in areas with elevated concentrations in soil. Most recent investigations have narrowed the focus to the eastern portion of EU5 (groundwater well T-11) where measured PCB concentrations exceed the MCL. The evaluations have shown this area to be an isolated occurrence in OU-1/OU-2 that will be evaluated in the OU-1/OU-2 FS.

The nature and extent of PCBs in air have been well characterized for OU-1/OU-2. The concentrations of PCBs in air in OU-1/OU-2 are in the expected range, and there is no need to collect data farther away from the Facility or additional data in OU-1/OU-2. The need to collect additional data will be evaluated in the FS relative to the potential disturbance of soils as part of a remedial alternative.

6 Contaminant Fate and Transport

This section evaluates the data for OU-1/OU-2 for the purposes of understanding fate and transport of contaminants. This includes considering sources, release mechanisms, and potential migration pathways, and reviewing data collected for OU-1/OU-2 to expand the initial CSM evaluation conducted as part of the *Phase 1 Conceptual Site Model Report* (Phase 1 CSM Report; BBL 2003). The assessment also considers contaminant persistence and migration. While PCBs are the primary focus of this assessment, the non-PCB constituents evaluated in the OU-1/OU-2 HHRA and OU-1/OU-2 SERA have a similar affinity for solids and are expected to have similar fate and transport properties. To assist in evaluating fate and transport, the elements of a typical CSM—including sources, release mechanisms, and transport pathways, (presented on Figure 6-1)—were considered. Exposure routes are shown on Figure 6-1, and Figure 6-1 also reflects receptors evaluated in the OU-1/OU-2 HHRA, which are further discussed in Section 7.1 (Human Health Risk Assessment).

6.1 Source Areas

The Facility (OU-3) has documented elevated concentrations of PCBs and other COPCs in soil and groundwater and is considered a historical source to OU-1/OU-2. While constituents other than PCBs may have migrated to OU-1/OU-2 from OU-3, the human health and ecological risk assessments for OU-1/OU-2 identify PCBs as the primary COPC for the OU. The OU-3 IROD details the source control measures that have been conducted thus far in OU-3 and discusses the remaining soil areas that will be capped and the additional groundwater containment and treatment actions that will be implemented through the RD/RA process. Once these additional remedial actions are completed, it is expected that OU-3 will no longer be a source to OU-1/OU-2.

In addition to past and future efforts to control sources at the Facility (OU-3), removal actions and IMs have been implemented in OU-1/OU-2. These IMs and removal actions have been implemented in OU-1/OU-2 areas immediately surrounding OU-3 and in areas that are located further away from OU-3. These removal actions and IMs are described in Section 3 of this RI report. The effectiveness of these prior removal actions and IMs will be evaluated in the OU-1/OU-2 FS report. The FS will also identify and evaluate remedial actions that may be required to address risks and/or sources in locations other than where IMs and removal actions have already been implemented.

6.2 Release Mechanisms and Migration Pathways

Data collected over the past 20 years in OU-1/OU-2 support the CSM developed for the Site (BBL 2003) and are discussed here with a focus on OU-1/OU-2. The primary release mechanism of PCBs to OU-1/OU-2 directly from OU-3 was through surface water runoff from OU-3 via the 11th Street Ditch and subsequent downstream flow into Snow Creek. Migration from the creek to floodplain soils potentially occurred during periodic flood events and the deposition of fine-grained particles with PCBs out to the lateral limits of the 100-year floodplain. Several potential release mechanisms are discussed below including surface water runoff, volatilization/dust, human activity, and leaching.

6.2.1 Surface Water Runoff

The primary direct migration pathway from OU-3 to OU-1/OU-2 was surface water runoff. This pathway was the historical route for PCB-containing materials to migrate from OU-3 into OU-1/OU-2. The movement of these PCB-containing materials within OU-1/OU-2 occurred during and immediately following significant precipitation events. Surface water runoff from the Facility followed a series of drainage ditches that in combination with overland flow, led to the 11th Street Ditch. From there, PCB-containing materials were conveyed via surface water to and down Snow Creek. During the highest flows, the waters of Snow Creek would flow in an out of bank condition. During these events, PCB-containing materials were transported outside of the banks of the 11th Street Ditch and Snow Creek into the broader portions of the Snow Creek floodplain. Once the surface waters were outside of the creek bank, the surface water velocities would drop dramatically due to the increased cross-sectional area for flow and fine-grained sediments with PCBs were deposited within the footprint of the floodplain.

The secondary release mechanisms associated with surface water runoff include mobilization and downstream release of sediments that have settled out in Snow Creek. These secondary release mechanisms do not appear to be significant for Snow Creek under current conditions. This finding is based on the PCB mass for Snow Creek being primarily contained within the sediments sequestered in the Highway 202 culvert. Based on physical observations and creek flow patterns through the Highway 202 culvert, these sediments do not appear to be subject to erosion. The upstream and downstream ends of the Highway 202 culvert are shown on Figure 7-2. This distribution of PCB-containing sediments and PCB mass for Snow Creek includes this culvert and are detailed in the off-site RFI report (BBL 2000). Photographs in Figure 6-2 show that surface water is normally conveyed through only one of the five culvert sections that are available to receive flow and the majority of sediments are associated with the other four culverts sections. These other four culvert sections likely receive surface water flow during and following periods of high precipitation. Even when surface water flow is conveyed through these other four culvert sections, increased surface water velocities and erosion of the sediment does not appear to be occurring. Rather, the increased cross-sectional area for flow provided by the additional culvert sections likely serves as a mechanism for upstream sediments to deposit rather than erode. This process is likely enhanced by the vegetation present in these four culvert sections. The vegetation shown on the upstream and downstream ends of the culverts is consistent with sediment stability.

6.2.2 Leaching from Soils to Groundwater

Leaching of PCBs to groundwater is occurring on a limited basis in OU-1/OU-2. OU-1/OU-2 groundwater investigations identified two locations where PCB concentrations in groundwater are above MCLs (groundwater well OW-21A/T-09 and T-11). For T-09, the result (1.04 µg/L) is believed to be an impact from the OW-21A area, which is related to OU-3. PCBs are leaching to groundwater near the border between OU-1/OU-2 and OU-3. Groundwater in this portion of the Site is being addressed under the OU-3 RD/RA. The area around T-11 will be evaluated in the OU-1/OU-2 FS.

6.2.3 Volatilization/Fugitive Dust

Migration of PCBs in air can occur from volatilization and/or as fugitive dusts. Once constituents are mobilized into air, atmospheric dispersion may transport them in volatilized form or allow for

dispersion and redeposition at other locations. The air samples collected for OU-3 and OU-1/OU-2 provide data that show that air is not a current concern regarding concentration or migration pathway. Although air concentrations were not the reason for selecting the chosen OU-3 remedy or the reason for the OU-1/OU-2 IMs or removal actions, the capping or removal of soils completed to date reduced the potential for volatilization and fugitive dust. Additional actions to be taken in OU-3 and OU-1/OU-2 will further reduce the potential for volatilization or fugitive dust. While air may have been a historical release mechanism, the floodplain soil data do not support volatilization/fugitive dust as a significant release mechanism. If air played a significant role in the historical release of PCBs from OU-3, the distribution of PCBs in floodplain soils would follow the prevailing wind patterns from southeast to west-southwest (Section 2.1) as opposed to the nonuniform pattern of PCBs that characterize PCB-containing soils in some portions of OU-1/OU-2.

6.2.4 Human Activity

Human activity is a release and transport mechanism that can relocate PCBs originally distributed by one or more of the release mechanisms and sources described above. An example of human activity is relocating sediments from the creek and placing them in a dredge spoil pile located in the adjoining upland areas. This is a difficult release mechanism to evaluate because direct information regarding the relocation of PCB-containing materials by human activity is often not available. This is, however, a reasonable explanation for the somewhat sporadic occurrences of elevated PCB concentrations in soils located outside of the Snow Creek 100-year floodplain boundary.

6.3 Exposure Pathways

The pathways for potential exposure are consistent with the release mechanisms. These include air (vapor and particulate phases), surface and subsurface soils, sediment, surface water, and groundwater. The HHRA prepared by CDM on behalf of the USEPA (CDM 2010a) evaluated these pathways for potential human health risks in OU-1/OU-2. These pathways were also evaluated from an ecological perspective in the SLERA (BBL 2005b) and SERA (ARCADIS 2013). The human health and ecological risks assessments for OU-1/OU-2 are summarized in Sections 7.1 and 7.2, respectively.

6.4 Contaminant Persistence

PCBs are known to be persistent organic chemicals. They were manufactured to be stable over a wide range of conditions. Although some small amount of weathering and attenuation will occur, chemical degradation, substantial reduction in concentrations, or changes in distribution patterns is not expected over the near term. Similarly, PCBs are most likely to be tightly bound to particulates and migration in dissolved phase in surface or groundwater is limited.

7 Baseline Risk Assessments

This section summarizes the findings from the OU-1/OU-2 human health and ecological risk assessments. These baseline risk assessments identify and quantify the risks in the OU to human health and the environment and provide a basis for the contaminants and exposure pathways to be addressed in the FS. CDM prepared the HHRA on behalf of the USEPA, and P/S prepared the SERA (ARCADIS 2013; Appendix E2) to evaluate ecological risks in the OU-1/OU-2 portion of Snow Creek. A prior ecological risk assessment for OU-1/OU-2 was conducted as a SLERA and evaluated aquatic risks for Snow Creek and terrestrial risks in the surrounding floodplain areas (BBL 2005b; Appendix E1). The OU-1/OU-2 HHRA prepared in 2010 and follow-up correspondence from the USEPA are included in Appendix D. This includes the OU-1/OU-2 HHRA prepared by CDM in 2010 as Appendix D1, follow-up communication regarding a supplemental evaluation conducted by the USEPA for dioxin-like PCB congeners as Appendix D2, and follow-up communication from the USEPA regarding RGOs and HHRA calculations in Appendix D3 and D4. The tables provided in Appendix D4 are an updated version of the tables initially provided by the USEPA on July 28, 2014. The updated tables included in Appendix D4 were provided to P/S by the USEPA on September 9, 2014. The 2005 SERA and the 2013 version of the OU-1/OU-2 SERA are also included as electronic attachments to this RI report in Appendix E (Appendix E1 and E2, respectively). The USEPA approval and comment letter for the OU-1/OU-2 SERA is included as Appendix E3.

7.1 Human Health Risk Assessment

The HHRA for OU-1/OU-2 evaluated and quantified potential risks to human health from exposure to chemical constituents detected in samples from OU-1/OU-2. The HHRA

- identified COPCs,
- calculated the concentrations of the COPCs in the various media,
- evaluated potential ways people may come into contact with COPCs (exposure pathways),
- identified toxicity criteria to quantify potential risks, and
- characterized potential cancer risks and noncancer health hazards associated with possible current and future exposure to COPCs.

The process also identified uncertainties in the data and in the process and culminates with the development of concentration based RGOs. This process and the risk assessment findings are discussed in the following subsections.

In the time since the OU-1/OU-2 HHRA was prepared, there have been updates in the parameters (such as dermal absorption factors and toxicity values) used to prepare risk assessments. The USEPA has also continued to evaluate human health risks in the OU-4 portion of the Site (JM Waller and Associates 2013). Table 1 included with the July 28, 2014, USEPA letter (Appendix D3 to this OU-1/OU-2 RI report) includes the risk assessment parameters the USEPA used in updating the RGO values for OU-1/OU-2. The USEPA also updated the cancer and noncancer risks for the reasonable maximum exposure (RME) scenario and included these as Appendix A to the July 28, 2014, letter. Updated cancer and noncancer risks based on the follow-up information provided by the USEPA are presented in Tables 7-1

and 7-2, respectively. The updated RGO values for PCBs, arsenic, BaPE equivalents, and chromium were provided in Attachment B to the July 28, 2014, letter. The updated RGO values for PCBs are provided in Table 7-3 and Table 7-4, which also include the updated RGO values for Arsenic, BaPE equivalents, and chromium.

7.1.1 Hazard Identification

The hazard identification process includes defining the data set for risk evaluation, identifying COPCs based on prevalence and concentration, and calculating the EPCs of the COPCs in the various exposure media. Available data for surface and subsurface soil, sediment, surface water and air were used to evaluate risks. Sufficient data were available to characterize surface soils for PCBs on an EU basis (Section 1.2, Figure 1-3). Other non-PCB constituents in soil and subsurface soil, and PCBs in subsurface soils were evaluated on an OU-wide basis. The risk from exposure to sediment is limited because sediments are submerged and not easily accessed. In accordance with USEPA Region 4 policy (USEPA 2000c), sediment data were evaluated qualitatively as a means to assess possible exposures to unsubmerged sediments that may occur along the creek banks.

7.1.1.1 Identification of Chemicals of Potential Concern

For this assessment, each of the constituents detected in samples collected from the OU was evaluated for the potential to contribute to risk. Chemicals were quantitatively evaluated for risk if they exceeded indigenous background levels and risk-based screening levels. Consideration of anthropogenic background levels (i.e., originating from other man-made sources) was purposely not addressed in the OU-1/OU-2 HHRA conducted on behalf of the USEPA, but can be considered in the FS with final decisions being made in the ROD by the USEPA risk manager. While PCBs contribute to the majority of the estimated health risks, other constituents may also contribute to the risk. Ultimately, the USEPA risk manager will evaluate the significance of the contribution to risk for each COPC. This evaluation will also consider other factors including the source(s) of the constituents. The HHRA evaluated detected concentrations of constituents that were above preliminary screening levels through the risk calculations.

7.1.1.2 Determination of an Exposure Point Concentration

EPCs represent concentrations to which receptors may be exposed. PCB data for surface soils were sufficient in quantity to develop EU-specific EPCs. The collection locations of the individual grab samples were generally selected at random to calculate a statistically meaningful EPC. EPCs for constituents other than PCBs were calculated on an OU-wide basis due to the number of sample results on a per-EU basis. EPCs are an input factor to calculations of chemical exposure and, for the RME, are typically estimated as the upper one-sided 95% UCL. This conservative process is used to help reduce the chance that the actual average concentration is underestimated by the available data.

The USEPA calculated the EPC values for the RME scenario in the OU-1/OU-2 HHRA (CDM 2010a) as the 95% UCL using ProUCL version 4.00.02 (USEPA 2007a). For the central tendency exposure (CTE) scenario, the arithmetic mean was used as the EPC to calculate risks and hazards.

Calculation of 95% UCLs was done for EUs and constituents where 10 or more data points were available. Although a data set of 10 or more data points is not an absolute requirement for calculating a 95% UCL, smaller data sets add considerable uncertainty. For smaller data sets (n<10 data points), the maximum detected concentration was used as the EPC. In some instances, the 95% UCL may exceed the maximum detected concentration. In these instances, the HHRA also defaulted to the maximum detected concentration as the EPC.

7.1.2 Exposure Assessment

Exposure refers to the potential for an individual to come in contact with the constituents of concern. The exposure assessment considers the CSM and the different ways that people may be exposed to COPCs in the various media. The exposure assessment considers exposure to COPCs through contact with surface and subsurface soils, sediment, surface water, and air. The people that might be exposed are referred to as receptors. In OU-1/OU-2, several possible residential and nonresidential receptors were considered. For each media, contact may be through direct dermal contact, incidental ingestion, or inhalation. The amount of exposure is a function of the type of receptor, route of exposure, the concentration of the COPC in the media, and frequency and duration of exposure. For each exposure pathway, both current and potential future land uses were considered. The CSM and routes of exposure are illustrated in Figure 6-1. Figure 6-1 is from the CDM HHRA prepared on behalf of the USEPA and summarizes the risk assessment findings for the exposure pathways (for quantitative, qualitative evaluation and incomplete pathways).

The risk assessment process for OU-1/OU-2 evaluated the potential for exposure to Site media (soil, sediment, surface water, groundwater, and air). The most significant exposure pathways in OU-1/OU-2 are in association with PCB-containing soils, primarily surface soils with some exposure to subsurface soils for some receptors (industrial/commercial and intrusive workers). Exposure to groundwater was not evaluated quantitatively in the HHRA as groundwater data for OU-1/OU-2 were limited when the HHRA was developed. The HHRA qualitatively considered risks based on available data for OU-3 recognizing that the migration of Site-related constituents in groundwater is generally limited and that the evaluation of groundwater conditions in OU-1/OU-2 will include a comparison with Applicable or Relevant and Appropriate Requirements (ARARs). In the case of PCBs, this is a comparison with the PCB MCL of 0.5 µg/L.

Risks were also assessed by comparing the ambient air concentrations collected from OU-1/OU-2 to the EPCs that were used to calculate exposures in the OU-3 HHRA. This assessment was based on a conservative residential exposure scenario that assumed continuous exposure over a 30-year duration. In that regard, the risks generated for OU-1/OU-2 are likely protective of all people that both live and work in Anniston. Using this approach, ambient air inhalation risks were found to be de minimis or at insignificant risk levels (CDM 2010a).

To ensure that all potential human receptor classes were considered in the HHRA, and in accordance with the USEPA risk assessment guidance, the following six exposure scenarios were evaluated, in addition to current and future resident scenarios:

1. Industrial/commercial workers (adult)

2. Intrusive workers (adult)
3. Commercial visitors (adult, young child 1 to 6 years old)
4. School/daycare occupants (adult, young child 1 to 6 years old)
5. Recreational users (young child 1 to 6 years, adolescent 7 to 16 years old)
6. Trespassers (adolescent 7 to 16 years old)

The types of receptors that may be exposed in any given EU are largely driven by land use. Numerous Site visits and reviews of aerial photography were used to determine the types of land use in each EU and which receptors might be present in current and future scenarios. Land use and the associated human activities in OU-1/OU-2 are diverse and discontinuous, and the concentrations and distribution of PCBs and other constituents are also varied depending on localized fate and transport mechanisms. To appropriately evaluate exposure and risk within OU-1/OU-2, the OU is subdivided into EUs (Section 1.2). The spatial extent of the EUs was based on current land use, limits of drainage areas, the 100-year Snow Creek floodplain, and natural and man-made physical features (e.g., ridges, valleys, elevated highways, bridges, culverts, and railroad beds) that could affect transport patterns. The 100-year floodplain boundary was not followed strictly when defining EUs, and the OU-1/OU-2 study area includes some contiguous properties that are partially or wholly outside of the floodplain. The nonresidential areas outside of the 100-year floodplain were included either to be conservative or because they were contiguous with residential areas that had already been evaluated under the NTC Removal Agreement and the Stipulation.

Tables 7-1 and 7-2 list the applicable receptor groups for each EU based on land use. Subsequent risk assessment calculations were performed using the receptor-specific exposure parameters. For the HHRA, it was assumed that each of the six receptor populations were exposed to surface soil (via ingestion, dermal contact, and/or inhalation), based on an exposure within the individual EUs. The intrusive worker was assumed to contact subsurface soil (ingestion/dermal contact/inhalation) based on an OU-wide exposure. For the recreational user and trespasser, exposure to surface water (ingestion/dermal contact/inhalation) was assumed to happen on an OU-wide basis. Risks for each receptor and pathway were evaluated on an OU-wide basis for constituents other than PCBs. The following exposure scenarios were evaluated as part of the assessment of exposure to constituents in each EU:

1. Current Residential Areas in OU-1/OU-2

- Resident (Adult, Young Child)

Surface Soil
incidental ingestion
dermal contact
inhalation of fugitive dust/volatiles

2. Future Residential Areas in OU-1/OU-2

- Resident (Adult, Young Child)

Surface/Subsurface Soil
incidental ingestion
dermal contact
inhalation of fugitive dust/volatiles

3. Current/Future Nonresidential Areas in OU-1/OU-2

- Industrial/Commercial Worker (Adult)

Surface Soil
incidental ingestion
dermal contact
inhalation of fugitive dust/volatiles

- Construction Worker (Adult)

Surface/Subsurface Soil
incidental ingestion
dermal contact
inhalation of fugitive dust/volatiles

- Utility Worker (Adult)

Surface Soil and Subsurface Soil
incidental ingestion
dermal contact
inhalation of fugitive dust/volatiles

- Commercial Visitors (Adult, Young Child)

Surface Soil
incidental ingestion
dermal contact
inhalation of fugitive dust/volatiles

- School / Daycare Occupants (Adult, Young Child)

Surface Soil
incidental ingestion
dermal contact
inhalation of fugitive dust/volatiles

- Recreational User (Young Child, Adolescent)

Surface Soil
incidental ingestion
dermal contact
inhalation of fugitive dust/volatiles

Sediment
incidental ingestion (assessed qualitatively)
dermal contact (assessed qualitatively only)

Surface Water
incidental ingestion

dermal contact
inhalation of volatiles

- Trespasser (Adolescent)

Surface Soil

incidental ingestion
dermal contact
inhalation of fugitive dust/volatiles

Sediment

incidental ingestion (assessed qualitatively)
dermal contact (assessed qualitatively)

Surface Water

incidental ingestion
dermal contact
inhalation of volatiles

To quantify exposure and estimate a potential dose of a chemical resulting from that exposure, certain variables specific to a receptor population and activity are used.

7.1.2.1 Toxicity Assessment

A toxicity assessment identifies chemical-specific parameters that reflect the toxicity of COPCs to humans. These criteria are used, along with estimates of exposure, to estimate potential cancer risks and noncancer hazards for receptors. Criteria used in the HHRA were obtained from a variety of sources according to a hierarchy established in the Office of Solid Waste and Emergency Response (OSWER) Directive 9285.7-53 (USEPA 2003b). The toxicity value hierarchy is as follows:

- Tier 1—USEPA's Integrated Risk Information System.
- Tier 2—USEPA's Provisional Peer Reviewed Toxicity Values (PPRTVs): The Office of Research and Development/ National Center for Environmental Assessment)/Superfund Health Risk Technical Support Center develops PPRTVs on a chemical-specific basis when requested by the USEPA's Superfund program.
- Tier 3—Other Toxicity Values: Tier 3 includes additional USEPA and non-USEPA sources of toxicity information. Priority is given to those sources of information that are the most current, are well documented and publicly available, and which may have been peer reviewed.

The toxicity value used to estimate cancer risks is the cancer slope factor (CSF) [in units of (mg/kg body weight-day)-1], which estimates the risk of cancer per unit dose. When a slope factor is multiplied by an estimate of lifetime average daily dose of a potential carcinogen (in mg/kg body weight-day), the result is an estimate of the excess lifetime cancer risk associated with exposure at that dose. The USEPA develops CSFs in a conservative manner, and risk estimates using slope factors are considered to be upper-bound estimates of those possible.

Risks estimated using CSFs are considered unlikely to underestimate actual risks and may substantially overestimate risks for a given exposure.

For noncancer effects, hazards are estimated using the oral reference dose (RfD) or, in the case of inhalation exposures, the reference concentration (RfC) in air. The USPEA defines the RfD and RfC as "an estimate of a daily oral exposure to the human population (including sensitive subgroups) that is likely to be without an appreciable risk of deleterious effects during a lifetime" (USEPA 1989). The RfD is expressed in units of milligrams chemical per kilogram body weight per day (mg/kg-day), while the RfC is expressed in units of milligrams chemical per cubic meter of air (mg/m^3).

RfDs and RfCs provide benchmarks against which estimated doses are compared. Doses that are significantly higher than the RfD/RfC may indicate an increased potential of hazard from the exposure, while doses that are less than the RfD/RfC are not likely to be associated with adverse health effects. It should be noted that doses or concentrations higher than the RfD or RfC do not provide estimates of the likelihood of adverse effects. These only reflect an increased potential hazard for noncancer health effects.

7.1.3 Risk Characterization

Risks and hazards are a function of an estimated dose (based on the EPCs), the exposure pathway RME and CTE parameters, and the chemical-specific toxicity value (either the CSF or RfD). For cancer, the USEPA has defined the acceptable risk range from 1 additional cancer in 1,000,000 exposed individuals (1×10^{-6}) to 1 in 10,000 (1×10^{-4}). Calculated risks that are above the upper limit of this range (1×10^{-4}) are evaluated further to determine the need for remediation at a site. For PCBs alone in surface soil, the only EU with cancer risks above the upper limit was the RME industrial/commercial worker (adult) in EU 19N.

The hazard quotient is the ratio of the estimated exposure to the RfD or RfC. Where multiple hazard quotients are calculated for different pathways and/or chemicals, the quotients are added to calculate a total hazard index (HI). HIs are calculated to evaluate noncancer effects. If the hazard quotient is calculated to be equal to or less than 1 (i.e., the estimated dose is equal to the RfD), then no adverse health effects are expected as a result of exposure. If the hazard quotient is above 1, then adverse health effects are possible. For this assessment, hazard quotients for exposure to soils for each EU and receptor were calculated for ingestion, direct dermal contact, and inhalation. These three hazard quotients were summed to create the total PCB HI for each EU and receptor. These PCB HIs are discussed below.

7.1.3.1 HHRA Results on an EU Basis

The USEPA calculated human health risks and hazards for each EU for the RME scenario based on updated risk assessment parameters. PCB noncancer risk and PCB cancer risk are discussed. Risks were not calculated for lead in soils, rather the results were compared with the residential and nonresidential cleanup goals for lead. Surface soil concentration levels were below the cleanup goal for lead. Only one EU (EU24) has a subsurface average lead concentration (3,506 mg/kg) above the nonresidential cleanup goal of 1,350 mg/kg (CDM 2010a). The HHRA findings for each EU are discussed below based on the following categories:

- EUs that have cancer risk exceeding the USEPA threshold of 1 x 10^{-4} are highlighted on Table 7-1.
- EUs that have noncancer risks exceeding the USEPA threshold HI value of 1 are highlighted on Table 7-2.

Constituents other than PCBs were evaluated on an OU-wide basis. The cancer risks on an OU-wide basis are presented at the bottom of Table 7-1 and noncancer risks for the OU are presented at the bottom of Table 7-2.

EUs with Negligible or Little PCB Risk

The risk assessment calculations identified 15 EUs with PCB risks below the USEPA target ranges; risks in these EUs were considered negligible (4, 8, 9, 11, 13, 14S, 15/16, 18, 20, 21, 23, 25, 27, 29, and 30). Risks in 9 EUs (1, 3, 6, 7, 12, 14N, 17, 22, and 24) have low-level PCB cancer risks that were in the lower end of the USEPA target risk range ($1x10^{-6}$ to $1x10^{-5}$) and noncancer HIs of 1 or less. Risks were not calculated for EU28 (Quintard Mall) as the buildings and paved parking lots preclude the opportunity for exposure to soils and, therefore, mitigate the potential for risk.

EUs Where PCB Risks Are Above the USEPA Target Risk Range

The concentrations of PCBs that result in HIs of greater than 1 are lower than those PCB concentrations that trigger cancer risks at $1x10^{-4}$ threshold. Therefore, the EUs with PCB cancer risks greater than $1x10^{-4}$ are a subset of the EUs where PCB HIs are greater than 1. Recognizing that an HI of above 1 is the primary indicator of risk outside of the USEPA target risk range, this section discusses those EUs that have risks above the USEPA target risk ranges. PCB noncancer HIs were above 1 for one or more receptors in six EUs. There was only one EU (EU19N) with a PCB RME cancer risk above $1x10^{-4}$.

The most sensitive receptor is the young child in the school/daycare scenario, and these settings have been previously addressed under the Stipulation and Agreement using the residential cleanup concentration of 1 mg/kg for the high activity areas. A summary of the PCB risks for the six EUs where either the PCB noncancer HI exceeds 1 and/or excess cancer risks are above $1x10^{-4}$ are presented below.

- **EU2** has PCB HIs above 1 for several receptors. The highest HI (3) is calculated for the recreational adolescent.
- **EU5** has PCB HIs above 1 for several receptors. The highest PCB HI (8) is for the industrial/commercial worker. EU 5 is also calculated to have a PCB cancer risk of $1x10^{-4}$ that is at, but not above, the USEPA threshold.
- **EU7** has PCB HIs greater than 1 for several receptors including the school and daycare receptors (14). As discussed above, the school/daycare scenario no longer applies as the properties within this EU that were used for a school at one point in time, were previously addressed under the Stipulation.

- **EU19N** has PCB HIs of 12 and18, for the adolescent trespasser and industrial commercial worker, respectively. This is also the only EU with a PCB cancer risk ($3x10^{-4}$) that is above the USEPA target risk range (limited to the industrial/commercial worker).
- **EU19S** has PCB HIs of 2 for the industrial commercial worker.
- **EU26** has PCB HIs above 1 for several receptors, the highest of which (4) is associated with the recreational adolescent.

7.1.3.2 HHRA Results on an OU-Wide Basis

As previously discussed, PCBs were identified as the primary COPC for the Site. As such, PCBs were the focus of most of the sampling investigations; therefore, the data set (for PCBs in soil) is much larger than for the other constituents. With the larger data set available for PCBs, it was appropriate to evaluate PCB (soil) risks on an individual EU basis. In addition to PCBs, other COPCs were evaluated in the HHRA. However, less data were available for these other constituents and, therefore, cancer and noncancer risks health hazards were evaluated under current and future land use conditions using an OU-wide data set. Cancer risks and HI values for the non-PCB COPCs exceed the USEPA target cancer and noncancer risk thresholds for the young child at a school/daycare scenario that was previously addressed through the Stipulation. In addition to the school/daycare scenario, the cancer risk threshold for non-PCB COPCs was exceeded for the industrial adult and recreational young child. The non-PCB cancer risks are largely driven by the EPC values for BaPE equivalents, chromium, and PCDD/DFs. As described in Section 5, the highest concentrations of these three non-PCB constituents are isolated occurrences that are not associated with locations where elevated PCBs are present. The distribution of these three non-PCB constituents will be further evaluated in the OU-1/OU-2 FS as part of the process of identifying remedial areas.

7.1.4 Uncertainties in the HHRA

Uncertainties are introduced in each step of the data collection and risk assessment processes. Because of these uncertainties and the nature of the risk assessment methodology and assumptions, the risk assessment provides a conservative (upper end) measure of the potential risks and hazards from chemicals in the OU. The data set available at the time the risk assessment was conducted (2010) was determined to be robust, and sufficient to provide confidence in the estimated risks and hazards associated with exposure to COPCs in the OU. The current data set, as presented in this RI especially for PCBs in surface soil, is larger and more representative of current land uses than that available in 2010. This larger dataset is further described in Appendix F and will be used to support the OU-1/OU-2 FS.

Exposure parameter values used in the risk assessment are uncertain and conservative. These parameters incorporate assumptions for the exposure time, frequency, and duration of potential exposures as well as for the quantities ingested, inhaled, or absorbed. Exposure assumptions for estimating RME were often taken from the upper range of those available, while CTE values are generally more realistic. Exposure assumptions for recreational visitors and trespassers may have more uncertainties than for other receptors. Assumptions for exposure frequency and duration were based on the assumption that, because of the mild climate, children would visit and be exposed approximately every other day from May to October. Since recreational

activities were not observed during two Site visits, the exposure assumptions used in preparing the HHRA may overestimate the degree of use of the OU for recreation.

Uncertainties in the toxicity parameters are related to the methodology used to develop carcinogenic and noncarcinogenic criteria (i.e., CSFs and RfDs). In general, the methods used to develop CSFs and RfDs are conservative and likely to result in an overestimation of human toxicity and resultant risk. The use of conservative assumptions throughout the risk assessment process is intended to result in overestimating rather than underestimating human health risk. Therefore, actual risk may be lower than estimated and are unlikely to be greater.

7.1.5 Cleanup Levels and Soil Remedial Goal Options

A detailed discussion of the development of RGOs is provided in the HHRA (CDM 2010a). In addition, the USEPA provided updated RGOs (Appendix D) that are presented in Table 7-3 for PCBs and Table 7-4 for several non-PCB constituents. While much of the risk assessment was focused on nonresidential exposure, the HHRA (CDM 2010a) also confirmed the protectiveness of the 1 mg/kg total PCB residential cleanup concentration the USEPA used under the NTC Removal Actions. The HHRA also confirmed the protectiveness of the USEPA's residential cleanup level for lead (400 mg/kg). These cleanup levels were identified in the PCD (USEPA 2003a) and used to implement the OU-1/OU-2 residential removal actions.

PCB RGOs for nonresidential areas are reported in Table 7-3. An RGO is a risk-based soil concentration that corresponds to a particular level of cancer risk (e.g., 1×10^{-5}) or noncancer hazard (i.e., HI). RGOs for PCBs in surface and subsurface soils based on the RME exposure scenarios are summarized below.

- In general, RGOs for noncancer risk from PCBs to achieve an HI of 1 are lower than RGOs for cancer risks in the middle of USEPA's target risk range ($1x10^{-5}$). PCB RGOs to achieve an HI of 1 range from 12 mg/kg to 968 mg/kg.
- The values to be protective of industrial and commercial workers, temporary construction workers, and visitors to the OU range from 29 mg/kg to 97 mg/kg. This includes the trespasser HI of 46 mg/kg.
- Lower PCB RGOs for an HI of 1 are applicable to the more sensitive receptors—the young child and adolescent recreational users (29 mg/kg and 20 mg/kg, respectively).
- The HI-of-1-based RGO for a young child at daycare was calculated as 12 mg/kg, recognizing that high-activity portions of schools and daycare properties were already addressed using the residential cleanup standard of 1 mg/kg under the Stipulation (USEPA 2006).
- RGOs for PCBs based on a cancer risk of $1x10^{-5}$ are higher than those based on an HI of 1 and generally range from 12 mg/kg to 142 mg/kg. Higher values (565 mg/kg and 5,645 mg/kg) were calculated for the construction and utility worker scenarios, respectively.

Instead of a preliminary RGO for PCDDs/DF TEQ, the HHRA (CDM 2010a) cites the USEPA cleanup goal for residential properties of 5 µg/kg to 20 µg/kg (USEPA 1998). PCDD/DF concentrations were also included in the calculation of cancer risks. A supplemental memorandum was prepared on behalf of the USEPA (CDM 2010b) to integrate the results of

the dioxin reassessment that were provided with the approvals necessary to proceed with preparing the OU-1/OU-2 RI Report (USEPA 2012a). This included an evaluation of the dioxin-like PCB (DL-PCB) congeners that may be present in OU-1/OU-2 to assess whether the conclusions of the HHRA would be different if the DL-PCB congeners were included in the calculation of TEQ. The technical approach used by CDM in the memorandum was to compare total TEQs for PCB congeners in soil to the USEPA recommended screening value of 1 µg/kg and included PCB congener data in the calculation of total TEQ values. Only 2 of 44 samples were above the 1 µg/kg screening value, and in both cases, the TEQ was driven by PCB-126. The evaluation conducted by CDM concluded that PCB-126 was frequently not detected and that the reporting limits were likely significantly higher than the actual concentration of the congener (if present at all). Therefore, it was not appropriate to use half the reporting limit or the reporting in the calculations. The memorandum concluded that including PCB congeners rather than PCB Aroclors in the calculations of risks would not change the conclusions of or the remediation decisions that may stem from the HHRA (CDM 2010a).

Some localized areas of groundwater with concentrations of PCBs have been identified in association with overlying soils containing PCBs. Evaluation of groundwater data will be done as part of the OU-1/OU-2 FS based on the PCB MCL of 0.5 µg/L. Sediment was evaluated in the HHRA qualitatively only, because the majority of sediment is submerged and not available for exposure to receptors. This is consistent with USEPA Region 4 guidance (USEPA 2000c).

7.2 Streamlined Ecological Risk Assessment

Potential ecological risks for OU-1/OU-2 were initially evaluated in the SLERA (BBL 2005b). The USEPA approved the SLERA with the exception of the OU-1/OU-2 portion of Snow Creek. The approval acknowledged the low quality and fragmented nature of terrestrial habitat in OU-1/OU-2 due to the disturbed nature of the area resulting from development and higher levels of human activity. The primary ecological values requiring more quantitative evaluation are found in Snow Creek (i.e., the ecological receptors associated with the aquatic environment). Based on the poor terrestrial habitat likely resulting in limited exposure to terrestrial receptors, potential risk to terrestrial receptors was not quantitatively evaluated in the SERA. The downstream portions of Snow Creek located in OU-4 provide higher-quality habitat and are being fully assessed as a part of the OU-4 BERA. Thus, the OU-1/OU-2 SERA is focused on the aquatic portion of the creek located in OU-1/OU-2. The initial plan moving forward from the SLERA approval was to include the OU-1/OU-2 portion of Snow Creek in the BERA for OU-4. Based on the large amount of technical information developed for the OU-4 BERA and the planned near-term schedule for completing the RI/FS for OU-1/OU-2, P/S requested that the ecological risk assessment for the OU-1/OU-2 portion of Snow Creek proceed in advance of the OU-4 BERA. This request was presented in a letter dated November 14, 2012, (P/S 2012) and was approved by the USEPA in a letter dated November 16, 2012 (USEPA 2012b). The general concept was that a SERA would be appropriate given that ecological receptor use of this portion of the creek is likely limited by the highly disturbed nature of the habitat.

The key elements of the SERA are described in Sections 7.2.1 through 7.2.5 and the conclusions are summarized in Section 7.2.6. RGOs are discussed in Section 7.2.7.

7.2.1 Problem Formulation

Problem formulation defines the goals and establishes the scope and focus of an ecological risk assessment. The problem formulation includes an overview of the ecological setting, selection of COPCs, the aquatic ecological CSM, the selection of assessment endpoints (AEs) and measurement endpoints (MEs), and the identification of representative receptors.

Risk assessors and ecologists have investigated the aquatic and terrestrial habitat within OU-1/OU-2 on four occasions: October 2001, May 2002, October 2003, and June 2005. The habitat is described in detail in the SLERA (BBL 2005b). The SLERA summarized the terrestrial habitat within several land use types that are within the floodplain adjacent to Snow Creek. These include both residential and nonresidential (i.e., commercial, industrial, recreational, and transportation/infrastructure) land uses that have altered the floodplain of Snow Creek. The extensive developed land areas have consumed much of the contiguous habitat that was in place before the development of Anniston and Oxford. What are left are only small, isolated patches of disturbed land that have limited capacity to support wildlife communities. Many of the terrestrial habitats that are provided by trees and shrubs (including a high proportion of non-native species) are confined to the steep altered edge of Snow Creek.

In addition to these observations, the 2005 survey included a quantitative approach for evaluating the terrestrial habitat quality along Snow Creek where riparian (creek bank) habitat is the primary habitat type. The KPM for the quantitative evaluation of terrestrial wildlife habitat quality (KDWP 2004) was used. The method is used to assign a value from 0.0 to 10.0 to represent the quality of an evaluated habitat compared to an optimum habitat, which is represented by a score of 10. The resulting scores for the OU-1/OU-2 portion of Snow Creek ranged from 1.0 to 4.25 for the survey locations and averaged 2.9, indicating that habitat quality is poor. Based on the habitat observations and this survey work, the USEPA approved the terrestrial component of the SLERA, which found that terrestrial exposure pathways in OU-1/OU-2 are limited because habitat is disturbed (dominated by mowed and maintained lands with little habitat quality plant cover, impervious surfaces, and transportation infrastructure), and development pressure is strong, which will likely lead to even more fragmented and disturbed ecological habitat with the passage of time. Due to habitat constraints, which result in limited exposure and the above mentioned observations, potential risk for terrestrial receptors is expected to be within an acceptable level and does not warrant further ecological risk evaluation.

For the aquatic habitat, within the creek, there are a number of areas containing concrete sluiceways in upstream reaches of Snow Creek that have eliminated bank habitat, substrate, and a functional floodplain. In addition, land is developed immediately along the creek in these areas (Figure 7-1). There are some areas of Snow Creek where small pools, riffles, and runs may provide limited habitat for aquatic organisms; however, these areas are limited in size relative to the overall length of the creek. As such, the SERA evaluates the ecological receptors associated with the aquatic environment within the OU-1/OU-2 portion of Snow Creek.

A total of 28 constituents were identified in the PCD for the Site (USEPA 2003a), and these 28 constituents were evaluated in the SLERA (BBL 2005b). The SLERA compared maximum sediment concentrations to conservative ecological screening values and did not eliminate any

constituents from further consideration. Note that no screening values were available for 17 of the 28 constituents on the list. In 2005, the USEPA clarified a desire for future investigations at the Site to include limited analyses (10% of the samples) for a "wider list of constituents" (USEPA 2005a), which included target compound list (TCL) volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), PAHs, PCDD/DFs, and Target Analyte List inorganics, in addition to the list of chemicals included in the PCD list. At the request of the USEPA, the following COPCs were quantitatively evaluated in the OU-1/OU-2 SERA: PCBs, barium, chromium, cobalt, lead, manganese, mercury, nickel, vanadium, and PCDDs/PCDFs and DL-PCBs.

The aquatic CSM for the Site considered all pathways. However, in order to streamline the evaluation, complete exposure pathways can be further delineated into those expected to have more significant exposure potential (primary exposure pathways), those that are complete but are expected to be minimal compared to the identified primary exposure pathways (secondary exposure pathways), and those expected to be insignificant due to minimal or unappreciable exposure potential (de minimis exposure pathways). For aquatic-feeding receptors, the potential exposure routes are direct contact with the COPC in water or sediment and ingestion of food. The particular COPCs at the Site are relatively insoluble in water and tend to adhere tightly to sediments. Thus, the bioaccumulation models used in the risk assessment compared concentrations in prey tissues to concentrations in the sediment. Because direct exposure of wildlife to PCBs in surface water is expected to be minimal compared to exposure through bioaccumulation in the food web, ingestion of surface water is considered a secondary pathway for birds and mammals feeding in Snow Creek. Communities of aquatic organisms may be directly exposed to COPCs in surface water, and potential risk associated with this exposure is evaluated by comparing available surface water data to national recommended water quality criteria for protection of aquatic life.

In the SERA, only the primary pathways that are expected to be prevalent and to represent the high end of possible exposure were evaluated quantitatively. Specifically, there is a limited fish community present (i.e., primarily small minnow-like fish such as mosquitofish [*Gambusia affinis*] and stonerollers [*Campostoma anomalum*]), and the exposure pathway between sediment and fish is considered to be a secondary pathway. Likewise, fish eating upper trophic-level receptors are not expected to have a high probability of exposure based on the limited availability of prey fish and are also considered secondary in this assessment. The complete primary pathways with the highest potential for exposure identified for the aquatic food web are quantitatively evaluated in the SERA and shown in the CSM outlined in Figure 7-2. These distinctions were based on Site observations as well as consideration of the available prey base within the OU-1/OU-2 portion of Snow Creek. Because the aquatic habitat within the OU-1/OU-2 portion of Snow Creek is generally degraded or of poor quality, it is unlikely that there would be a sufficient prey base to support extended use of the Site by ecological receptors. Rather, the OU-1/OU-2 portion of Snow Creek would more likely support transient exposure (e.g., to seasonal or migratory birds such as the spotted sandpiper) or wide ranging opportunistic receptors (e.g., the raccoon). It is recognized that wide-ranging receptors could be exposed in the OU-1/OU-2 portion of Snow Creek as well as the OU-4 portion, which is being evaluated separately. Thus, the evaluation of the primary pathways shown on Figure 7-2 is expected to be conservative and

protective of the secondary or less significant pathways that were identified as complete but were not quantitatively evaluated.

For the aquatic habitats within OU-1/OU-2, the following are complete pathways that are identified as significant and were quantitatively evaluated:

- Sediments and benthic invertebrates
- Sediments/contaminated prey and herbivorous, invertivorous, and omnivorous birds and mammals

AEs are formal expressions of the actual environmental value to be protected from risk (Suter et al. 1993) and are typically tied directly to specific ecological values needing protection. Based on the CSM and the complete primary exposure pathways, AEs for the OU-1/OU-2 portion of Snow Creek include survival, growth, and reproduction of benthic communities, and aquatic feeding birds and mammals. The AEs established for the OU-1/OU-2 portion of Snow Creek cannot be directly measured; therefore, MEs related to each AE were defined based on specific risk questions for each AE and used to make inferences about the potential effects to the AEs. For the streamlined assessment, MEs selected include comparing sediment toxicity thresholds for benthic community to measured COPC concentrations in Site sediment and comparing measured concentrations of COPCs in sediment to Site-specific risk-based concentrations (SSRBCs) for birds and mammals for each COPC. SSRBCs for birds and mammals are calculated using a dietary food web model for each respective species and a toxicity reference value (TRV) protective of survival, growth, or reproduction in birds or mammals (described in Sections 7.2.4 and 7.2.5). Because it is not feasible to evaluate all possible species of birds and mammals, specific surrogate, or representative, species were selected to represent the AEs for birds and mammals. Observations of prey types present at the Site (e.g., aquatic vegetation and benthic invertebrates and limited availability of prey fish) from previous ecological survey work were used to determine which bird and mammal feeding guilds are likely to have the highest potential exposure. Based on this, aquatic feeding herbivorous, insectivorous, and omnivorous birds and mammals were considered for the SERA. To select representative species, observations from Site surveys and input from the USEPA were used to identify representative bird and mammal species for the identified AEs and feeding guilds. AEs, risk questions, MEs, and representative species are as follows:

AE 1: Survival, growth, and reproduction of benthic communities

Risk Question: Are the levels of COPCs in whole sediments from OU-1/OU-2 greater than benchmarks or risk-based concentrations protective of survival, growth, or reproduction of aquatic invertebrates?

- ME: Compare sediment toxicity thresholds for benthic community to measured COPC concentrations in sediment.

AEs 2 and 3: Survival, growth, and reproduction of aquatic feeding birds (AE 2) and mammals (AE 3)

Risk Question: Do modeled daily dietary doses of COPCs for aquatic-dependent birds and mammals (including herbivorous, invertivorous, insectivorous, and omnivorous birds, and herbivorous and omnivorous mammals) from consumption of/exposure to food and sediment from OU-1/OU-2 exceed the TRVs for survival, growth, or reproduction of birds and mammals?

- ME: Compare measured concentrations of COPCs in sediment to SSRBCs for birds and mammals for each COPC.
  - Representative receptors and feeding guilds are as follows:
    - The mallard (*Anas platyrhynchos*) was selected to represent aquatic feeding herbivorous birds.
    - The tree swallow (*Tachycineta bicolor*) was selected to evaluate insectivorous birds.
    - The spotted sandpiper (*Actitis macularius*) was selected to represent aquatic ground-feeding insectivorous/invertivorous birds.
    - The pied-billed grebe (*Podilymbus podiceps*) was selected to evaluate aquatic omnivorous birds.
    - The muskrat (*Ondatra zibethicus*) was selected to evaluate semiaquatic herbivorous mammals.
    - The little brown bat (*Myotis lucifugus*) was selected to represent aerial feeding insectivorous mammals.
    - The raccoon (*Procyon lotor*) was selected to represent omnivorous mammals.

The tree swallow, muskrat, and bat have been observed within the OU-1/OU-2 portion of Snow Creek (BBL 2005b). While not observed during the survey, the mallard and raccoon have been observed incidentally during other Site activities. The sandpiper and grebe are evaluated as a reasonably likely exposure scenario based on their dietary preferences and the prey types present.

7.2.2 Data Use

Data inputs needed in the SERA to evaluate the AEs and MEs include surface sediment COPC concentrations for estimating exposure to the benthic community and both sediment and biotic prey tissue for estimating dietary exposure for upper trophic-level receptors. In addition, surface water data are available and were considered for inclusion in this assessment. Because the surface water data have a high level of associated uncertainty, as discussed further in Section 7.2.2.2, and because exposure pathways between receptors and surface water are considered secondary, these data are not included in the quantitative evaluation of upper trophic-level receptors herein. However, the data are summarized and discussed in Section 7.2.2.2. The following sections describe the available data considered for use in the OU-1/OU-2 SERA. For PCBs, data are presented as total PCBs based on the sum of detected Aroclors or detected homologs. In calculating totals, if one or more Aroclor or homolog group was detected, the

nondetected values for other Aroclor or homologs were not added to the total reported concentrations. If no Aroclors or homologs were detected, the highest reporting limit for either a single Aroclor or homolog group was used for reporting purposes.

7.2.2.1 Sediment Dataset for the OU-1/OU-2 Portion of Snow Creek

Surface sediment data used in preparing the OU-1/OU-2 SERA include 51 discrete samples analyzed for total PCBs as the sum of Aroclors (Figures 7-3a and 7-3b), 12 to 15[1] discrete samples analyzed for metals (Figure 7-4), and two samples analyzed for PCDD/DFs (Figure 7-5) that are located within the Site area for the SERA. There are 12 samples upstream of the OU-1/OU-2 portion of Snow Creek that are considered along with the data within the SERA Site area (Figures 7-3a and 7-4). Sediment data were taken from four primary data sources as described below.

The Resource Conservation and Recovery Act (RCRA) Program conducted in 1999: For the RCRA Program, 34[2] cores and one duplicate were collected in this area and analyzed for total PCBs as Aroclors (tPCBAs) and TOC. In addition, three samples and one duplicate were analyzed for the 11 metals identified in the PCD, including the eight metals identified as COPCs for the SERA. The RCRA data are described in detail in the CSM report (BBL 2003).

RI/FS Program conducted in 2006: As a part of the data collected to support the RI/FS, three additional cores were collected from areas identified during the RCRA program as containing low, medium, and high sediment PCB concentrations. These three samples and one duplicate were analyzed for PCBs, TOC, and a wider list of analytes, including PCDDs/DFs and the eight metals being evaluated as COPCs in the SERA. The sample and duplicate collected from the high sediment deposit (S-High-1) were not included in the SERA dataset because they were collected over a depth of 0 to 18 inches. The bottom end of this range was not considered applicable for ecological exposures. The RI/FS data are described in detail in the PSCSR (ARCADIS BBL 2007a).

Data collected by the USEPA: The USEPA collected a variety of soil and sediment samples from residential and nonresidential properties to characterize the nature and extent of PCBs in the Anniston area. These investigations were primarily conducted in 2000 and 2001. For these data collections, seven additional sediment samples collected from the OU-1/OU-2 portion of Snow Creek by the USEPA were identified. These samples were analyzed for PCBs (as Aroclors) and metals. While these samples were not collected under specific sampling plans, they are treated as valid and applicable data and are included herein for completeness.

Miscellaneous P/S Data Collection Programs: P/S have collected data for a variety of purposes to support a number of varying programs. Samples that were located within the OU-1/OU-2 portion of Snow Creek and are included in the SERA dataset include three samples collected as a part of the Cabometer property evaluation in 2002. These samples were analyzed

[1] There are 12 discrete samples for the OU-1/OU-2 portion of Snow Creek for all metal COPCs except lead for which there are 15 discrete samples.

[2] In two cases, multiple sediment samples were collected from a single sediment deposit (e.g., S-2-06a, b and c and S-5-14 a and b). These samples are separated by short distances so appear as one point on Figure 7-4a and 7-4b but were discrete samples and are treated as such in the SERA.

for PCBs and lead. Five samples were also collected in 1995 to assist in the evaluation of PCBs in Snow Creek.

For the purposes of the SERA, all duplicates were averaged and evaluated as a single result. A summary of the available PCB and metals data is provided in Table 7-5. A summary of TEQs for PCDD/DF and DL-PCBs is provided in Table 7-6. The PCB concentrations at each sample location are shown on Figures 7-3a and 7-3b. Metals and PCDD/DF/DL-PCB TEQ concentrations are shown on Figures 7-4 and 7-5 respectively. These figures also present the sample data for PCBs and metals that are upstream of the 11th Street Ditch. These samples are shown in green boxes on Figures 7-3a and 7-4.

The surface sediment samples used for the SERA were generally collected from a depth of 0 to 2 inches. However in some cases, sediment cores of differing depths were taken for sediment characterization. For example, the medium PCB concentration sample location result was collected from the 0-to-8-inch horizon, and the PCB result for the targeted low PCB concentration sample location was collected from the 0-to-6-inch interval. The collection interval for each sample location was the total thickness of sediment present at that location. These samples may not represent the precise exposure interval but were included for completeness and conservatism.

7.2.2.2 Surface Water Data

The available whole-water surface water data collected as a part of the RI/FS sampling reflect samples collected from the upstream end of OU-4 (Oxford Lake Park) and are considered representative of conditions in the downstream end of OU-1/OU-2 (Table 7-7). These samples were collected during three separate high-flow events and characterize the surface water conditions for PCBs and metals during these events. In addition to these data, surface water data were collected during the RCRA program and are included as part of the OU-1/OU-2 RI dataset. These samples were collected from four general locations along Snow Creek and were designed to reflect surface flow conditions in two general areas of Snow Creek. The two upstream sample collection locations were selected to quantify PCB inputs from Snow Creek drainage areas located upstream of the 11th Street Ditch-Snow Creek confluence during base-flow conditions. The Snow Street and Oxford Park sampling locations were selected to be representative of conditions at the downstream end of Snow Creek prior to its confluence with Choccolocco Creek. These samples were collected to characterize the movement of PCBs and TSS during periods of base and high flow. The data include particulate PCB and TSS measurement concentrations for multiple base- and high-flow events (Table 4-6). Calculated whole-water concentrations for these base- and high-flow events are also presented in Table 4-6.

As indicated in Table 7-7, PCB Aroclors were not detected (at a reporting limit of approximately 0.5 µg/L) in any of the whole-water samples. Total PCBs as the sum of homolog groups were also determined using a more sensitive method than the 8082 Aroclor method, and the data ranged from 0.2 µg/L to 0.6 µg/L. While PCBs were present at concentrations above the chronic water quality criterion during high-flow conditions (Table 4-6), this criterion was only exceeded in three of six samples that were collected at the downstream end of OU-1/OU-2 during base-flow conditions. This is relevant in assessing surface water conditions for Snow Creek in that base-

flow conditions are typically present 90% of the time. The average calculated surface water PCB concentrations from samples collected from Snow Creek upstream of the 11th Street Ditch confluence during base-flow conditions are a factor of 10 higher than average concentrations for samples collected at the downstream end of OU-1/OU-2. The two upstream surface water sample collection locations (at 14th and 16th Streets) are located approximately 2,000 feet and 3,000 feet upstream of the Snow Creek and 11 Street Ditch, respectively.

For metals, lead exceeded the chronic criteria in one event and both chromium and lead exceeded acute and chronic criteria in one event. The surface water data were previously presented in the PSCSR for OU-1/OU-2 (ARCADIS BBL 2007a).

Based on data collected during the RCRA program, the high-flow data are biased high and are not appropriate for evaluating long-term exposures to creek water. These data also indicate that during base-flow conditions, PCB contributions from Snow Creek are low and that PCB transport in Snow Creek under high-flow conditions is greater than during base-flow.

Even with this potential bias, only three of six of the calculated values exceeded the surface water criteria for PCBs of 0.014 µg/L under base-flow conditions.

7.2.2.3 Biota Data

Based on the range of ecological receptors identified for food web evaluation, COPC data representing tissues of aquatic plants, emergent aquatic insects, benthic invertebrates (including crayfish, mollusks), and amphibians/reptiles are needed. Because biota data have not been collected within the OU-1/OU-2 portion of Snow Creek, sediment and biotic tissue data available from the biological sampling conducted for OU-4 were used to develop uptake models for estimating prey tissue concentrations. The available data were collected from three distinct reaches within OU-4 (upper, middle, and lower) and three reference areas. The reaches were identified based on habitat surveys conducted in the *Phase I Ecological Survey* (ARCADIS BBL 2007b). Three aquatic biological sampling areas (BSAs) were identified within each of the three reaches for a total of nine aquatic BSAs within OU-4. Samples were also collected from three aquatic reference locations. In general, biotic tissue samples were not precisely collocated with specific sediment samples. Sediment and biotic tissue data were analyzed for PCBs and mercury in all of the BSA and reference locations. Sediment data were also analyzed for TOC and percent fines, and tissue data were analyzed for lipid and percent solid. In general, six sediment samples and three composite tissue samples of each type were collected from each BSA and reference area and analyzed for PCBs and mercury. Consistent with the agreed upon sampling approach, metals were analyzed in sediment samples from six BSA and two reference locations. For tissue, metals were analyzed in two to three BSA samples and one reference sample for each tissue type. In addition to the BSA sediment data, some of the historical sediment samples fell within a reasonably close proximity to the BSAs. These sediment samples were included in the sediment dataset for the respective BSA. These data were used to develop models for estimating prey tissue concentrations in the SERA (Section 7.2.3.3).

7.2.3 Exposure Assessment

The OU-1/OU-2 SERA is focused on ecological receptors that may reside or forage within the aquatic habitat in the OU-1/OU-2 portion of Snow Creek (ARCADIS 2013). Sediment based

exposure was evaluated for benthic invertebrates based on direct contact with sediment, and for upper trophic-level receptors (birds and mammals), based on modeled dietary food web exposure.

The four miles of creek being evaluated in the SERA have not been explicitly divided into EUs. Rather, the measured COPC concentrations in each individual sample location were compared to the range of SSRBCs that was calculated. The potential impact of a particular sample location result on receptors and receptor populations is discussed in the risk characterization section.

7.2.3.1 Sediment Exposure Estimates

In general, to evaluate relevant ecological exposures, the surface sediment data from 0 to 2 inches were used, although in some cases deeper depths were also included. This depth interval encompasses the biologically active zone where the majority of the contact between ecological receptors, their prey, and sediment is likely to occur. For PCBs and metals, the dataset was sufficient to calculate a 95% UCL. The 95% UCL was calculated using ProUCL (v. 4.1.01; USEPA 2011b). Duplicates were averaged before including those values in Pro UCL. Nondetects were included using the reporting limit to calculate the 95% UCL concentration. The 95% UCL recommended by Pro UCL was selected and used along with individual sample concentrations to evaluate receptor exposure. Exposure estimates for PCDDs/DFs and DL-PCBs are based on individual sample TEQ concentrations. TEQs were calculated for avian and mammalian receptors using dioxin toxic equivalency factors from USEPA (2008b) and Van den Berg et al. (2006) respectively. Figures 7-3a, 7-3b, 7-4, and 7-5 show individual surface sediment concentrations for PCBs, metals, and PCDD/DF TEQs respectively. Summary statistics for the available data for PCBs and metals are provided in Table 7-5 and for PCDD/DF and DL-PCB TEQs in Table 7-6.

7.2.3.2 Dietary Exposure Model

The dietary exposure model is used to estimate exposure, in the form of a daily ingested dose for birds and mammals. The daily dose was calculated by summing ingestion estimates for each prey type in the receptor's diet as well as incidental sediment ingestion. Because prey tissue was not measured in OU-1/OU-2, the EPC for prey tissue was modeled using a bioaccumulation factor (BAF) along with the sediment EPC. The biotic data collected within OU-4 were used to develop uptake models or BAFs, as summarized in Table 7-8.

7.2.3.3 Prey Tissue Concentration Estimates

Because prey tissue was not measured in OU-1/OU-2, the EPC for prey tissue was modeled using a BAF along with the sediment EPC. The biotic data collected within OU-4 were used to develop uptake models or BAFs. The BAFs for PCBs were also used as the surrogates for PCDD/DFs.

The bioaccumulation model represents the relationship between the sediment and the measured prey tissue concentration. It is expressed either as a function based on regression analysis of exposed sediment concentrations and biotic tissue concentrations (e.g., for a linear model, tissue concentration [y] = slope [m] of the line x soil concentration [x] + the y intercept [b]), or as a simple ratio.

For example:

Equation1: $$BAF = \frac{C_{\text{benthic invertebrate}}\ (\text{mg/kg–dw})}{C_{\text{sediment}}\ (\text{mg/kg–dw})}$$

Thus, $$C_{\text{benthic invertebrate}} = BAF_{\text{benthic invertebrate}} \times C_{\text{sediment}}$$

For the SERA, the ingestion rates for the identified receptors are based on dry weight (dw) estimates. As such, it was necessary to estimate prey tissue concentrations in dw. For biotic tissues, the COPC concentrations are reported from the laboratory as wet weight (ww). The fraction of solids in each sample was also measured. Thus, the fraction of solids was used to calculate a dw concentration from each reported ww tissue concentration (concentration as mg/kg ww/fraction solids). Available sediment and biotic tissue data were evaluated in detail to determine if significant predictive relationships existed between sediment and various tissue types. For PCBs, possible correlations were evaluated based on sediment measured as Aroclors and homologs on a dw, organic-carbon-normalized, and fines-normalized basis compared to biotic tissues measured as Aroclors or homologs on a dw, ww, and lipid-normalized basis. For mercury, possible correlations were evaluated based on sediment dw and fines-normalized and tissue on a ww and dw basis.

For PCBs, a significant (i.e., $r^2 > 0.3$ and $p < 0.1$) positive relationship was found between PCB measured as Aroclor in sediment normalized to percent fines and benthic invertebrate tissue on a ww basis. No positive and significant relationships were identified for other tissue types. For mercury, a significant positive relationship was found between sediment normalized to fines and ww and dw tissue concentrations for frogs. Because no other significant relationships between fines-normalized sediment and biotic tissue were identified and fines were not correlated with PCB or mercury concentrations, this regression was not selected for use in the SERA. Appendix A to the SERA provides a detailed description of the correlation analyses conducted. As no other significant relationships were identified, tissue concentrations were estimated in the SERA based on ratios. The BAFs selected are summarized in Table 7-8 and plotted relative to the OU-4 measured tissue data in Figures 7-6 and 7-7 for PCBs and mercury, respectively. As shown in these graphs, the selected median BAFs generally provide a good estimation of central tendency and are not highly influenced by nondetect tissue concentrations. One exception to this is associated with the BAF for emergent insects. In this case, the different species collected (crane flies compared to damsel or dragon flies) appear to represent two different populations. As such, an alternate approach was employed to develop the BAF for emergent insects and is described in detail in Appendix A of the SERA.

In addition to the field data, laboratory bioaccumulation data for PCBs are available based on bioaccumulation testing done with benthic invertebrates (*lumbriculus verigatus*) with OU-4 and reference sediments. Specific details of the analysis and methods employed during laboratory bioaccumulation testing as well as the data are presented in Ingersoll et al. (2014). These data were evaluated for correlation between sediment and tissue concentrations, and significant fits were found between sediment and tissue on a ww/dw basis as well as on a lipid- and organic-carbon-normalized basis. To be consistent with other selected BAFs, the regression based on ww tissue and dw sediment was selected for use as a secondary assessment for this

component of the diet of the receptors evaluated. This alternative laboratory-based scenario is discussed with the scenario based on the field data in the conclusions.

7.2.3.4 Exposure Parameters

For wildlife receptors, exposure parameters, such as dietary composition, body weight, and food ingestion rates, are defined and summarized in Tables 7-9 and 7-10. In this section, exposure and intake assumptions are defined on the basis of available literature information and best professional judgment using the USEPA's *Wildlife Exposure Factor Handbook* (USEPA 1993) and other sources as necessary and appropriate. The ingestion rates were calculated as dw using the appropriate equations provided in Nagy (2001) with the exception of the mallard, for which the ingestion rate was based on peer-reviewed literature studies. Because OU-1/OU-2 does not support significant fish populations, in cases where diets contained fish dietary compositions were adjusted using best professional judgment to be consistent with prey items in OU-1/OU-2.

7.2.4 Effects Assessment

The effects assessment describes the selection and development of the toxicity thresholds/benchmarks and TRVs used to calculate SSRBCs for benthic invertebrates, birds, and mammals.

7.2.4.1 Benthic Community Toxicity Values

For the benthic community, a range of sediment-based toxicity values for PCBs was developed based on Site-specific bioassays that were conducted with OU-4 sediments. The 32 sediment samples (a total of 26 sediment samples from 6 different locations in OU-4, and 6 reference sediment samples from Choccolocco Creek approximately 3 kilometers upstream of OU-4) collected for toxicity testing collectively spanned a wide range of combinations of total PCBs and TOC concentrations. Chronic toxicity tests were conducted on 31 different sediments (20 sediment samples from OU-4, 6 reference sediment samples, and duplicate tests for 5 of the 20 OU-4 sediments) in each of the two cycles of toxicity tests, resulting in a total of 26 toxicity tests conducted with non-control sediments (20 Site sediment samples and 6 reference sediment samples). The toxicity tests were conducted by the U.S. Geological Survey's Columbia Environmental Research Center in Columbia, Missouri, and the U.S. Army Corps of Engineers' Engineer Research and Development Center in Vicksburg, Mississippi. A range of growth, reproduction, and survival endpoints was tested using a freshwater amphipod (*Hyalella azteca*; 42-day tests) and midge (*Chironomus dilutus*; up to 54-day tests). For each endpoint, a range of effective concentrations (EC) were estimated including the EC0*, EC10*, EC20*, and EC50* values (Table 7-11a). The EC0*, EC10*, EC20*, and EC50* are the regression-predicted PCB concentrations that would cause an additional 0%, 10%, 20%, or 50% effect beyond the lowest response measured in the reference sediments (i.e., 1×, 0.9×, 0.8×, and 0.5× the response at the "bottom" of the reference envelope). EC0* values are selected as the LOAEL-equivalent SSRBCs for PCBs. The concentrations associated with these endpoints are included as toxicity values for evaluation of potential risk to the benthic community (Table 7-11a). In addition to the EC* values, efforts were made to estimate the EC0 relative to the average reference response. It is estimated as the PCB concentration at which the average reference-sediment response would be predicted to occur, when projected onto the concentration-response curve generated for that endpoint with OU-4 sediments. This EC0 differs from the EC0* described above, which

is the concentration at which no effects were observed beyond those observed in reference sediments. The EC0* represents a concentration to which no Site-related effects can be attributed; and because only six reference sediments were tested, the threshold for Site-related effects would be expected to occur at some concentration higher than the EC0*. As shown in Table 7-11a, the EC0 values could not be estimated for most endpoints because the average reference-sediment response was greater than the regression-predicted maximum control-normalized response. For metals, benchmarks (used as SSRBCs) were selected from the consensus-based sediment quality guidelines developed by MacDonald et al. (2000). Table 7-11b provides the sediment toxicity benchmarks for metals.

7.2.4.2 Avian and Mammalian TRVs

Following USEPA guidance (USEPA 1997), dietary TRVs for birds and mammals were developed based on endpoints that could result in population-level impacts such as survival, reproduction, development, and growth. Both no observed adverse effect level (NOAEL) and lowest observed adverse effect level (LOAEL) TRVs were selected, and are provided in Table 7-12. For PCBs and mercury, available peer-reviewed toxicity data were reviewed to develop avian and mammalian TRVs.

Based on all of the avian PCB toxicity data reviewed, studies conducted with domestic chickens (*Gallus domesticus*) appear to represent the high end of the sensitivity range for PCB toxicity. A significant body of research has been conducted regarding avian sensitivity to aryl hydrocarbon receptor (AHR)-mediated effects of dioxin-like compounds. AHR-mediated effects are the primary mechanism of toxicity for PCBs in vertebrate species (Okey 2007). While non-AHR-mediated effects can occur, they are thought to occur at much higher concentrations than AHR-mediated effects (Giesy and Kannan 1998). Based on this research, two sets of TRVs were developed for PCBs. One represents the high end of the range of sensitivity; the second represents the mid-range of sensitivity for avian species.

Similar to avian species, mink appear uniquely sensitive to PCBs compared to other species tested. Because mink are not a receptor of concern in the SERA, the toxicity data considered in development of TRVs for small mammals do not include toxicity studies conducted with mink. No large species sensitivity differences were observed for mercury in the toxicity dataset. Thus, a single NOAEL and LOAEL for birds and mammals based on the complete toxicity data set were reviewed for each.

For the remaining seven metals (barium, chromium, cobalt, lead, manganese, nickel, and vanadium), TRVs were selected primarily from the datasets compiled for development of USEPA Ecological Soil Screening Levels (EcoSSLs; USEPA 2005b and 2007b). Specifically, the NOAEL values used as TRVs in the SERA were provided in the EcoSSL documents. While LOAEL values were not selected for the purposes of the development of EcoSSLs, the toxicity dataset for each metal was reviewed and a relevant LOAEL was selected based on this dataset for each metal. The development of avian and mammalian TRVs for PCBs and metals is discussed in detail in Appendix C of the SERA. For barium, EcoSSL values were not available for birds, and the low and high barium TRVs were obtained from Oak Ridge National Laboratory (Sample et al. 1996).

As with PCB and mercury TRV selection, the toxicity dataset in the peer-reviewed literature was reviewed to select the avian and mammalian TRVs for PCDD/DFs. For avian species, a study by Custer et al. (2005) was selected as the basis of the NOAEL-based avian TRV because this study measured population relevant endpoints with a Site-related species (the tree swallow). A study by Moore et al. (2012) was selected as the basis for the NOAEL-based mammalian TRV. This study was selected because it measured relevant endpoints and the animals were not coexposed to PCBs, particularly PCB-126. While mink are unlikely to occur along Snow Creek due to habitat constraints, this species was selected as a conservative surrogate for other less sensitive mammals that are being evaluated at the Site (i.e., muskrat, little brown bat, and raccoon). The development of avian and mammalian TRVs for PCDD/DFs is discussed in detail in Appendix D of the SERA.

7.2.5 Risk Characterization

The risk characterization for the SERA is based on a comparison of receptor-specific SSRBCs to COPC measured concentrations in sediments within the OU-1/OU-2 portion of Snow Creek. The NOAEL and LOAEL SSRBCs are summarized in Tables 7-13a and 7-13b. While the exceedance of an SSRBC at an individual sample point does not necessarily indicate potential risk to a receptor or a local population of receptors, this initial comparison is considered along with OU-1/OU-2- and receptor-specific habitat information to formulate conclusions about risk to the identified receptors.

The SSRBCs were calculated for each receptor to facilitate the evaluation of the magnitude and spatial extent of potential risk. For benthic invertebrates, the SSRBCs for metals are simply the sediment toxicity thresholds described above. For PCBs, the SSRBCs are based on the sediment toxicity thresholds (EC* values) discussed previously. However, results for several endpoints are not included as SSRBCs either because a dose response relationship was not identified (e.g., *C. dilutus* emergence time and *H. Azteca* 42-day dry weight) or because of unacceptably high uncertainty with endpoint estimates (i.e., *C. dilutus* adult biomass). Endpoints for which results could be calculated and uncertainty was acceptable include eight endpoints for *C. dilutus* and seven endpoints for *H. Azteca*. In addition to the EC* values, sediments are also compared to the mean concentration associated with the reference sediments in the Site-specific bioassay testing program (i.e., 0.05 mg/kg). This value was selected to represent a conservative no effect concentration, or an EC0, because the true EC0 value could not be estimated for most endpoints. The EC0 surrogate value, as well as EC0*, EC10*, and EC20* values are considered as SSRBCs to represent the range of potential NOAEL and LOAEL equivalent PCB toxicity values for benthic invertebrates (Table 7-13a). The SSRBC calculations for birds and mammals use a standard dose equation in combination with the avian and mammalian TRVs. The dose is set equal to the TRV, and the equation is rearranged to solve for the concentration in sediment that would result in no exceedances of the TRV (Table 7-13b). The four miles of creek evaluated in the OU-1/OU-2 SERA have not been explicitly divided into EUs. Rather, the measured COPC concentration in each individual sample location is compared to the respective SSRBC that was calculated. For PCBs and metals, 95% UCL EPCs for the OU-1/OU-2 Site area were compared to each SSRBC and exceedances are shown in blue highlighted cells in Tables 7-14a and 7-14b. Note that the data used to calculate the 95% UCL EPCs were collected using sampling designs that focused on the upstream areas near the confluence of the 11th Street Ditch and Snow Creek and the culverts that convey Snow Creek

flow under Highway 202. These locations were selected for sampling during multiple programs based on the potential for high PCB concentrations to be present. The elevated PCB concentrations in this portion of the creek reflect proximity to the Facility via surface water flow from the 11th Street Ditch and that the Highway 202 culverts tend to retain sediment (i.e., are generally depositional areas). Based on these factors, the estimated UCL of the mean for the OU-1/OU-2 portion of Snow Creek as a whole is biased high. Given this bias, it is important to compare the measured concentrations of individual sample results to the SSRBCs, especially downstream of the Highway 202 culverts.

For benthic invertebrates, *C. dilutus* percent emergence and *H. Azteca* 42 day young per female were the most sensitive endpoints, with *H. Azteca* reproduction being more sensitive than *C. dilutus*. Individual and 95% UCL concentration exceedances of PCB SSRBCs are summarized in Table 7-14a. The 95% UCL concentration for PCBs exceeded the EC0, EC0*, EC10*, and EC20* values for these endpoints. Overall, the 95% UCL exceeded the SSRBC based on the EC0 for all but one endpoint as well as the EC0* for 7 out of 15 endpoints, the EC10* for four endpoints, and the EC20* for two endpoints. All individual samples exceeded the EC0 surrogate SSRBC of 0.05 mg/kg. For growth endpoints, exceedances ranged from 71% for the EC0* for *H. Azteca* 28 day biomass per replicate chamber to 0 exceedances of the EC20* for the 42 day biomass per replicate endpoint. For reproductive endpoints, as described above, *H. Azteca* reproduction (42 day young per female) were the most sensitive endpoints and 41 to 76% of the samples exceeded the EC* values for these endpoints. The percent emergence endpoint for *C. dilutus* indicated similar results with 18% to 65% of the samples exceeding the EC* values. For survival, *C. dilutus* 13 day survival was the most sensitive endpoint and exceedances were 18% at the EC0* and 0 at the EC10* and EC20* SSRBCs. For *H. Azteca* survival, only 4% of samples exceeded the EC0* and no samples exceeded the EC10* or EC20* SSRBCs. By comparison, using non-Site-specific screening values (i.e., threshold effect concentration [TECs] and probable effect concentrations [PECs]) the 95% UCLs, as well as all but two individual sample points, exceed these values. For metals, no SSRBCs were developed. As such, other available, non-Site-specific screening values (primarily TECs and PECs) are used for this comparison (Table 7-14b). For cobalt, only a single sample exceeded the TEC value, thus risk to benthic invertebrates from cobalt is considered de minimis. The 95% UCL concentrations did not exceed the PEC for mercury, and only 1 individual sample (S-2-03a) exceeded this value. Similarly, for lead, the 95% UCL did not exceed the PEC, and only one individual sample (CA-25-EPA-43166-2503) exceeded this value. Based on this comparison, risk to benthic invertebrate communities from lead is expected to be low. The 95% UCL concentrations of chromium and nickel as well as 25% to 33% of individual sample points exceeded the PEC values. Thus, risk to benthic invertebrate communities from these COPCs is possible. For barium, manganese, and vanadium, no toxicity values or SSRBCs are available and risk to benthic invertebrate communities from these COPCs is uncertain.

For birds, the 95% UCL concentration is below the SSRBC for cobalt (Table 7-14b). Likewise, there were infrequent or no individual sample points exceeding SSRBCs (either 0 or 1 out of 12 samples), indicating risk to birds from cobalt is de minimis. Similarly, possible risk to birds from barium appears to be minimal as the 95% UCL concentration is below the LOAEL SSRBC and only one individual sample exceeded this value (s-med-1). For the remaining COPCs, 95% UCL concentrations exceed NOAEL and LOAEL SSRBCs for at least one of the avian representative

receptors. The sandpiper indicated the highest possible risk for five of the remaining COPCs (PCBs, lead, manganese, mercury, and vanadium), and the tree swallow indicated the highest possible risk from chromium and nickel. Risk from PCBs to high-sensitivity avian species appears to be highest followed by risk to insectivorous birds (represented by the tree swallow) from chromium and invertivorous birds (represented by the sandpiper) from manganese and lead. Risk to avian species from mercury and nickel appears to be low, with 95% UCL concentrations only slightly exceeding LOAEL SSRBCs for the tree swallow and sandpiper and infrequent individual sample point exceedances (0-3 samples).

In addition to the SSRBC comparisons based on the field bioaccumulation data described above, for PCBs, a second scenario was evaluated. In this scenario, the laboratory bioaccumulation study results were used to estimate PCB uptake into benthic invertebrate tissue. The laboratory study predicted substantially higher PCB uptake into benthic invertebrates compared to the field data. Thus the resulting SSRBCs were lower. Using the laboratory uptake estimate, all samples exceeded both NOAEL and LOAEL SSRBCs for the sandpiper (i.e., the receptor with the highest proportion of benthic invertebrates in the diet). Table 7-15 presents the alternative SSRBCs as well as the percent of samples that exceed each value.

For mammals, 95% UCL concentrations are below SSRBCs for barium, cobalt, mercury, and vanadium (Table 7-14b). Likewise, there were infrequent or no individual sample points exceeding SSRBCs (either 0 or 1 out of 12 samples), indicating risk to mammals from these COPCs is de minimis. The 95% UCL concentrations exceed NOAEL and LOAEL SSRBCs for PCBs, chromium, manganese, and nickel. The 95% UCL concentration for lead does not exceed the LOAEL SSRBC. For lead, the muskrat and raccoon indicate possible risk, but only a single sample exceeds the NOAEL or LOAEL SSRBCs (CA-25-EPA-43166-2503). Thus, risk from lead to mammals is considered de minimis. The bat indicates the highest possible risk from exposure to chromium, nickel, and PCBs with all concentrations of chromium, 88% of samples for PCBs and 42% of samples for nickel exceeding LOAEL SSRBCs. The muskrat indicates the highest possible risk from manganese with 100% of the samples exceeding the LOAEL SSRBC.

For PCDD/DFs and DL-PCBs, except for those instances when one-half the sample reporting limit was used for nondetect DL-PCB congener concentrations in determining the sediment TEQ, the measured TEQ concentrations in OU-1/OU-2 sediments are all below the lowest TEQ-based SSRBC (i.e., based on NOAEL for little brown bat).

7.2.5.1 Uncertainty Overview

In interpreting the individual exceedances of SSRBCs and what that may mean for the AEs evaluated in the OU-1/OU-2 SERA (i.e., protection of local communities or populations), it is important to understand the uncertainties associated with the key elements of the SSRBC calculations as well as the habitat quality at the Site, which likely limits receptor exposure.

Key uncertainties associated with the benthic invertebrate PCB SSRBCs are related to how the variability in test responses in the Site-specific bioassays are incorporated as well as how critical effect levels are identified. For example, an EC0* is a concentration at and below which Site-related effects are not expected. Some concentration higher than this value is a threshold

for Site-related adverse effects to some species and endpoints, but that threshold concentration can only be estimated statistically. It is not correct to assume that the EC0* is a bright-line threshold for adverse effects because the variability in the reference population is not completely captured by the results from, in this case, six reference sediment samples. It is a well-known statistical fact that as the sample size increases, the lowest measured value in a population decreases and the highest measured value increases (e.g., Glick 1978). Consequently, statistically-based methodology is needed to determine probable limits of background or reference conditions (e.g., USEPA 2002b) using software programs like ProUCL (USEPA 2013b). In these cases, a prediction limit or tolerance limit is employed to ensure that the true extent of the reference population responses has been captured. Those statistical-limit estimators explicitly take into account the variability in the toxicity test results and the probability distribution of the reference sediments (and not just the lowest measured reference response). Thus, when results are available for only six reference sediment samples, the EC0* is likely to be a better estimator of a no Site related effect concentration than an actual effect threshold.

Key uncertainties that have the largest effect on SSRBC calculations for birds and mammals are the selection of TRVs, BAFs, and receptor diet. In the SERA, the TRVs were selected as the lowest values for relevant endpoints found in the peer reviewed literature. These values are considered highly conservative and likely to overstate risk. The selected BAFs were based on median values from a range of Site areas in most cases. As such, these values could over or underestimate potential uptake and thus exposure and risk. The dietary components evaluated for each receptor can affect the SSRBC calculations because COPCs are taken up into prey tissues differently. For example, plants do not appreciably accumulate PCBs (BAF = 0.42) but can accumulate manganese (BAF = 4.46). As such, variations in dietary composition assumptions can affect the SSRBC calculation. This uncertainty was mitigated by evaluating receptors with a variety of diets including herbivores, insectivores, invertivores and omnivores. In each case, the receptor diet was selected to represent the high end of exposure for a particular feeding guild such that exposure to the range of species residing or foraging within the OU-1/OU-2 portion of Snow Creek is considered.

In addition to the uncertainties associated with the SSRBC calculation, habitat quality has a large influence on potential exposure and therefore risk. The numbers and types of receptors that may be present within the OU-1/OU-2 Site area as well as the amount of time any receptor might spend in the area is highly influenced by the habitat quality and the prey base that is present. The SERA assumed that all receptors evaluated would spend 100% of their time feeding within the boundaries of the OU-1/OU-2 portion of Snow Creek. Based on review of the specific habitat needs of the bird and mammal receptor species evaluated in the SERA (i.e., the mallard, tree swallow, spotted sandpiper, pied-billed grebe, muskrat, little brown bat, and raccoon), it is unlikely that avian or mammalian exposures within the OU-1/OU-2 portion of Snow Creek could result in population-level effects, simply due to the low numbers of individuals likely present or feeding significantly in this area.

7.2.6 Conclusions

For benthic invertebrates as well as the avian and mammalian receptors, sediment samples exceeded SSRBCs for PCBs. For the most conservative SSRBCs, all samples exceeded these values. Fewer samples exceeded the LOAEL or LOAEL-equivalent SSRBCs. These higher

exceedances are generally near the confluence of the 11th Street Ditch and Snow Creek and near the culverts at the Highway 202 underpass. For PCDDs/DFs, there were no exceedances of the SSRBCs for any of the species evaluated, except for those instances when one half of the sample reporting limit was substituted for a nondetect DL-PCBs congener.

In summary, risk to benthic invertebrates from exposure to PCBs and some metals in localized areas within the OU-1/OU-2 portion of Snow Creek (i.e., primarily near the confluence of the 11th Street Drainage Ditch and Snow Creek and the culverts at the Highway 202 underpass) is possible. Risk to avian and mammalian species that may reside or forage within this area is unlikely because of the habitat constraints within this portion of the Creek. The high level of human use and the degraded nature of the habitat likely limits the prey base in this portion of Snow Creek and, thus, limits the potential for extended exposure that could result in adverse effects on survival, growth or reproduction. While habitat constraints likely limit exposure of large numbers of receptors within the OU-1/OU-2 portion of Snow Creek, it is recognized that wide-ranging receptors could be exposed in the OU-1/OU-2 portion of Snow Creek as well as the OU-4 portion, which is being evaluated separately. Given the limited habitat within OU-1/OU-2 and the more suitable habitat available downstream, it is unlikely that even an individual wide-ranging receptor would obtain a substantial portion of its diet from the OU-1/OU-2 portion of Snow Creek. There is uncertainty with this conclusion, however, and some risk to individual birds is possible from exposure to PCBs, chromium, lead, manganese, mercury, nickel, and vanadium, and some risk to individual mammals is possible from exposure to PCBs, chromium, manganese, and nickel. These risk estimates are considered conservative and likely overstate the potential for adverse effects on local populations of receptors in the OU-1/OU-2 Site area.

7.2.7 Remedial Goal Options for Ecological Receptors

RGOs protective of aquatic ecological receptors are included herein for those COPCs that indicated potential risk in the SERA. These values will support the FS for the OU-1/OU-2 portion of Snow Creek. These sediment RGOs are selected from the range of SSRBCs for benthic invertebrates, birds, and mammals that were calculated as a part of the SERA for the OU1/OU-2 Portion of Snow Creek. Based on the requirements of the PCD, the range of ecological RGOs developed is based on both NOAEL and LOAEL levels of protection for each AE. The complete set of RGOs is provided in Tables 7-16a and 7-16b. Selection of specific RGO values is described below.

For benthic invertebrates, the results of the OU-4 sediment toxicity testing were used as the basis for PCB RGOs (Table 7-16a). Specifically, the RGO values ranged from 1.4 to 152 mg/kg for effects from 0 and 20% after accounting for reference sediment toxicity (i.e., EC0* to EC20*) for two species. The EC0* represents a value at and below which Site-related effects are not expected. Some concentration above the EC0* may result in some level of effects on some toxicity endpoints. Given the variability in the control, reference, and OU-4 sediment responses, it is likely that the EC0* value is not the break point between reference and Site conditions, but that the full range of reference conditions is larger than the responses observed in the six tested reference sediment samples. As such, the EC0* is considered a NOAEL-equivalent value for RGO selection. In addition to these values, based on comments provided by USEPA on the SERA (USEPA 2013a), values based on mean reference sediment responses were considered for estimating an EC0 value (i.e., a no effect level based on average reference sediments). As

described in Section 7.2.4.1, these values (i.e., the total PCB concentration at which the average reference-sediment response would be predicted to occur when projected onto the concentration-response curve generated for that endpoint with OU-4 sediments) could not be calculated for most endpoints because the average reference-sediment response was greater than the regression-predicted maximum control-normalized response that would occur at very low PCB concentrations in OU-4 sediments. The mean of the reference sediment concentrations of 0.05 mg/kg was selected as a conservative surrogate value for the EC0. While this concentration is a conservative estimator of a NOAEL, concentrations that exceed this value but are still below the threshold for above-background responses are not considered toxic. Both the EC0 and the EC0* can be considered NOAEL-equivalent values. EC10* and EC20* values are considered LOAEL-equivalent values for RGOs. Given the sometimes large variability in control responses for a toxicity endpoint, in particular for reproductive endpoints which ranged from 25% to 137%, large variability can also be expected in responses of organisms exposed to Site sediments. The EC10* and EC20* are PCB concentrations that would cause percentage responses lower than the lowest response observed in the control and reference sediments, although they might or might not exceed the threshold for above-background responses if the full range of possible reference responses were known. But for the purposes of this analysis, the EC10* and EC20* are considered to be conservative estimates that are appropriate for use as LOAEL-equivalent RGO values.

For metals, the RGOs provided are simply the TEC and PEC values used as toxicity benchmarks (Table 7-16b). These values are not Site-specific and are considered to have high associated uncertainty.

For birds and mammals, the SERA included sediment SSRBCs protective of a wide range of ecological receptors including four birds and three mammals. Specific representative receptors were selected to represent the high end of potential exposure for ecological receptors that might use portions of the aquatic habitat within Snow Creek. The SSRBCs were calculated by assuming a modeled daily dose equals an acceptable risk threshold or TRVs (see Section 6.1.1 of the OU-1/OU-2 SERA for the specific details on SSRBC calculation). As discussed in detail in the OU-1/OU-2 SERA, key elements of each risk scenario used in SSRBC calculations have varying levels of uncertainty. Each uncertainty is mitigated by making conservative assumptions resulting in compounded conservatism in the SSRBC calculations that likely results in overestimates of exposure and effects. The SSRBCs in the SERA were calculated using the conservative assumption of 100% Site use (spatial and temporal) by birds and mammals. The actual degree, to which these receptors might forage within the OU-1/OU-2 portion of Snow Creek, given the degraded nature of the ecological habitat within the creek, is highly uncertain. Thus, RGOs were developed for a range of exposure assumptions. Table 7-16b provides the RGOs that are based on 100% Site use by all receptors. These values are the same as the SSRBCs developed in the OU-1/OU-2 SERA. A seconds set of RGOs were also developed These RGOs are based on the SSRBCs but are adjusted using a conservative assumption of 50% Site (OU-1/OU-2 portion of Snow Creek) and are shown on Table 7-16c. While it is recognized that some more wide ranging receptors (e.g., the raccoon) may use portions of both OU-1/OU-2 and OU-4, it is assumed that any remedy selected for OU-4 would result in acceptable exposure concentrations for birds and mammals. Thus, adjusting the Site use for receptors in OU-1/OU-2 is considered reasonable. In summary, for benthic invertebrates, the

RGOs are based on the range of effect concentrations for the species tested for growth, reproduction, and survival. These values are not adjusted for habitat quality or Site use. For birds and mammals, the selected RGOs are based on the NOAEL and LOAEL SSRBCs calculated for the SERA at 100% and 50% Site use for the range of species selected to represent the AEs. For application of all RGOs, it should be noted that these values are based on protection of ecological receptors that may forage within the aquatic food chain in the OU-1/OU-2 portion of Snow Creek and would not be applicable to areas of the creek that do not support key elements of the food web such as areas that are concrete lined and the culverts under the Highway 202 overpass.

8 Summary and Conclusions

An overall summary of this RI report is presented in this section and highlights the key findings and conclusions. The key elements of this RI report and hence the conclusions include:

- sources;
- nature and extent of contamination;
- fate and transport of contaminants; and
- the human health and ecological risk assessments.

8.1 Summary of RI Findings

Key findings from the investigations that comprise this RI report are presented and discussed below. These findings ultimately form the technical basis for the report's conclusions.

8.1.1 Sources

OU-3 is a documented source of PCBs to OU-1/OU-2. The primary release mechanism and transport pathway for PCBs from the Facility to OU-1/OU-2 was surface water runoff that flowed to and down the 11th Street Ditch. During and following periods of high precipitation, Snow Creek would flow outside of its banks and PCB-containing surface water would be transported into the floodplain or further down Snow Creek. Other sources include the soil disposal areas, leaching to groundwater and the subsequent migration of groundwater, and historical transport through the deposition of airborne PCBs. Since the mid-1980s, a range of source control activities have been implemented both in OU-1/OU-2 and upstream in OU-3. These activities have included a number of IMs and removal actions. These previously implemented source control actions, in combination with additional measures being implemented under the OU-3 IROD, are designed to complete P/S' source control measures for the OU-3 portion of the Site. Additional source control measures will be considered for the OU-1/OU-2 portion of the Site in the FS.

8.1.2 Nature and Extent

The nature and extent of PCBs and other constituents have been investigated at the Site, including OU-1/OU-2, for the past 20 years. This has provided a sufficient dataset to evaluate the nature and extent of contamination in OU-1/OU-2 and support the preparation of human health and ecological risk assessments. In addition to habitat and land use information, analytical chemistry data have been collected for multiple exposure media including soil, sediment, surface water, groundwater and air. This includes over 25,000 soil sample results, over 180 sediment sample results, over 70 surface water results, over 40 groundwater sample results and over 240 air sample results.

The average PCB concentration for surface soils across the OU based on a spatial weighting approach is 12 mg/kg. This average PCB concentration is highly influenced by the presence of PCBs in three former industrial areas near OU-3. These three areas include EU5, the northside properties area and the eastside properties area. When the PCB results for these three areas are not included in the averaging process, the overall average PCB concentration for the OU is approximately 4 mg/kg. The reason for separately understanding the nature and extent of

contamination in EU5, the northside properties area, and the eastside properties area versus the OU as a whole are two-fold. First, these three areas have PCB concentration distributions that are not typical of OU-1/OU-2 both in concentration and in size within geographical coverage of the OU. Second, the majority of land in these three areas is owned by P/S, and in many cases, fenced from public access. For these reasons, the PCB concentration statistics for OU-1/OU-2 are often discussed without these three areas included.

The majority of PCBs in Snow Creek are located in the upstream reach. This includes the OU-1/OU-2 portion of Snow Creek near and just upstream of the Highway 202 culverts and a small area near the railroad bridge downstream of the Highway 202 culvert. The downstream reaches of Snow Creek are characterized by lower PCB concentrations that, on average, are approximately 2 mg/kg. Groundwater in the vicinity of well T-11 has PCB concentrations above 0.5 µg/L (the MCL for PCBs) and this area will be evaluated in the FS. The nature and extent of PCBs in surface water has been defined, and the role of surface water as a potential release mechanism will be addressed in the FS. Based on the data collected by P/S and the USEPA, air is not an environmental media of concern in OU-1/OU-2.

8.1.3 Fate and Transport

Historically, the primary mechanism for relocating PCB-containing materials from OU-3 was surface water runoff to Snow Creek via the 11th Street Ditch. This included the downstream movement of PCB-containing solids that were transported downstream and deposited in the sediment bed, the floodplain or further transported downstream to OU-4. With a range of source control measures already implemented for OU-3 and enhancements being made as part of the OU-3 remedy, the potential for continued migration from OU-3 via this pathway is low.

Contaminant migration for areas in OU-1/OU-2 will be evaluated as part of the OU-1/OU-2 FS. These evaluations will include floodplain soils, sediment, and groundwater. An effectiveness evaluation of previously implemented IMs and removal actions will also be conducted as part of the FS. The migration of PCBs in air is not considered to be a significant concern for the FS. The fate and transport of surface water as a medium is also not a stand-alone concern. The fate and transport of surface water will be considered in the FS relative to how it may facilitate the migration of PCBs associated with sediment, soils, and groundwater.

In addition to the surface water runoff pathway, the historical movement of materials by human activity is a potential fate and transport mechanism that may have resulted in PCBs being moved into and outside of OU1/OU2. An example of human activity is removing the sediment from the creek and placing it in dredge spoil piles in the adjoining upland areas.

8.1.4 Risk Assessments

The overall results and findings of the human health and ecological risk assessments conducted for OU-1/OU-2 are summarized below.

8.1.4.1 Human Health Risks

The HHRA for OU-1/OU-2 evaluated and quantified potential risks to human health from exposure to chemical constituents detected in OU-1/OU-2. The primary risks to human health are associated with concentrations of PCBs in soils. Different receptors were evaluated based

on localized land use (on an EU basis). Risks for each of the 30 EUs were individually evaluated based on the PCB concentration data and the applicable exposure pathways. EU 28 was not quantitatively evaluated as it is a paved parking lot for a mall where exposure to soils (or other media) is not occurring.

The HHRA evaluated the risks associated with exposure to COPCs in soil, sediment, surface water, and air. Chemicals were quantitatively evaluated for risk if they exceeded naturally occurring background levels and risk-based screening levels. The risk from exposure to sediment is limited because sediments are submerged and not easily accessed. While much of the risk assessment was focused on nonresidential exposure, the risk assessment also confirmed the protectiveness of the 1 mg/kg total PCB residential cleanup concentration used by the USEPA under the NTC Removal Actions. The HHRA also confirmed the protectiveness of the USEPA residential cleanup level for lead of 400 mg/kg. These cleanup levels were identified in the PCD (USEPA 2003a) and used to implement the residential removal actions in OU-1/OU-2.

The HHRA identified six EUs where the cancer and/or noncancer risks exceed the USEPA thresholds (1×10^{-4} for cancer risks and an HI value of 1 for noncancer risks). These EUs included: EU2, EU5, EU7, EU9N, EU19S, and EU26. The remaining 24 EUs have cancer and noncancer risks below the USEPA threshold values.

8.1.4.2 Ecological Risks

The SERA conducted for the OU-1/OU-2 portion of Snow Creek indicates that there are some risks to benthic invertebrates from exposure to PCBs and some metals present in localized areas. For benthic invertebrates as well as the avian and mammalian receptors, several sediment samples exceeded SSRBCs for PCBs. These samples are generally near the confluence of the 11th Street Ditch and Snow Creek and near the culverts at the Highway 202 underpass. For metals, there were a number of similarly distributed exceedances of SSRBCs. For PCDDs/DFs, there were no exceedances of the SSRBCs for any of the species evaluated, except for those instances when one half of the sample reporting limit was substituted for a nondetect DL-PCBs congener.

In summary, risk to benthic invertebrates from exposure to PCBs and some metals in localized areas within the OU-1/OU-2 portion of Snow Creek (i.e., primarily near the confluence of the 11th Street Drainage Ditch and Snow Creek and the culverts at the Highway 202 underpass) is possible. There is uncertainty regarding risk to populations of avian and mammalian species that may reside or forage within this area, as habitat constraints may limit exposure to large numbers of receptors for extended periods of time. Some risk to individual birds is possible from exposure to PCBs, chromium, lead, manganese, mercury, nickel, and vanadium. Some risk to individual mammals is possible from exposure to PCBs, chromium, manganese, and nickel.

8.2 RI Conclusions

The RI report documents that OU-1/OU-2 has been characterized through multiple residential and nonresidential investigations conducted over the past 20 years. The resulting data set was sufficient to support a comprehensive evaluation of the nature and extent of contamination. These data are also sufficient to support the human health and ecological risk assessments that

were prepared for OU-1/OU-2. The results from the HHRA process indicate that 6 of the 30 EUs exceed the USEPA target risk range. Based on the ecological risk assessment, Snow Creek will be subject to evaluation in the OU-1/OU-2 FS. The locations in Snow Creek with the highest PCB concentrations include the upstream portion of the creek between the Highway 202 culverts and the 11th Street Ditch and a small area of Snow Creek that is located downstream of the railroad bridge just south of the Highway 202 culverts. Groundwater in the area of well T-11 will also be subject to evaluation within the FS. This is based on groundwater concentrations in this area exceeding the MCL for PCBs.

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Tables

Table 3-1a. Statistical Summary of Residential Completed Removal Actions in Evaluation Areas 1-35
Anniston PCB Site, Anniston, Alabama

Evaluation Area	Number of Residential Properties[1]	Composite Total PCB ≥ 1 mg/kg [2]	Yard Removal Action [3][4]	P/S Yard Removal Action Partially Completed (Additional Unsuitable Areas Remain)	P/S Yard Removal Action Partially Completed (Additional Removal Required)	Number of Properties Unsuitable for Removal	Number of Properties where Removal Actions Pending (Access Issues or Pending Alternative Removal Actions)
1	69	34	34	0	0	0	0
2	12	9	9	0	0	0	0
3	54	28	26	0	1	1	0
4	30	10	10	0	0	0	0
5	33	4	4	0	0	0	0
6	56	6	5	0	0	1	0
7	38	6	5	1	0	0	0
8	25	2	2	0	0	0	0
9	67	18	17	0	0	0	1
10	55	7	7	0	0	0	0
11	80	42	34	2	1	4	2
12	68	17	12	1	0	4	0
13	68	44	38	1	0	3	2
14	35	9	9	0	0	0	0
15	19	7	5	1	0	0	1
16	72	37	36	0	0	0	1
17	55	17	17	0	0	0	0
18	27	16	15	0	0	0	1
19	28	9	9	0	0	0	0
20	83	9	8	0	0	1	0
21	37	15	13	0	0	0	2
22	109	12	13	0	0	0	0
23	67	6	6	0	0	0	0
24	142	9	8	0	0	0	1
25	17	2	2	0	0	0	0
26	3	0	0	0	0	0	0
27	0	0	0	0	0	0	0
28	33	3	3	0	0	0	0
29	82	6	5	0	0	1	0
30	34	4	2	1	0	1	0
31	24	5	5	0	0	0	0
32	74	7	4	2	0	1	0
33	24	4	1	1	0	2	0
34	7	7	0	0	0	5	2
35	25	8	8	0	0	0	0
Total	**1652**	**419**	**372**	**10**	**2**	**24**	**13**

Notes:

[1] Counts do not include secondary parcels.

[2] Includes one property with USEPA grab results > 1 mg/kg where USEPA completed a removal action.

[3] Includes eight properties where removal actions were completed by the USEPA.

[4] Includes two properties that were inadvertently removed with the adjacent properties and have no surface results.

mg/kg: milligrams per kilogram

PCB: polychlorinated biphenyl

P/S: Pharmacia LLC and Solutia Inc.

USEPA: United States Environmental Protection Agency

Table 3-1b. Statistical Summary of Special Use Completed Removal Actions in Evaluation Areas 1-35
Anniston PCB Site, Anniston, Alabama

Evaluation Area	Total Number of Special Use Properties [1]	Special Use Properties - No Sampling Required [2]	P/S or USEPA Surface Sampled	High Activity Area ≥ 1 mg/kg	P/S Yard Removal Action
1	0	0	0	0	0
2	0	0	0	0	0
3	1	0	1	0	0
4	1	0	1	1	1
5	0	0	0	0	0
6	3	0	3	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	4	0	4	3	3
12	0	0	0	0	0
13	3	0	3	1	1
14	1	0	1	0	0
15	0	0	0	0	0
16	1	0	1	0	0
17	3	0	3	2	2
18	0	0	0	0	0
19	2	0	2	1	1
20	3	1	2	0	0
21	1	0	1	0	0
22	3	0	3	0	0
23	4	0	4	0	0
24	3	0	3	0	0
25	3	0	3	0	0
26	0	0	0	0	0
27	1	0	1	1	1
28	0	0	0	0	0
29	1	0	1	0	0
30	2	0	2	0	0
31	0	0	0	0	0
32	1	0	1	0	0
33	0	0	0	0	0
34	0	0	0	0	0
35	0	0	0	0	0
Total	**41**	**1**	**40**	**9**	**9**

Notes:

[1] Counts do not include secondary parcels.

[2] No sampling required as this property is paved by a parking area and capped/covered.

mg/kg: milligrams per kilogram

PCB: polychlorinated biphenyl

P/S: Pharmacia LLC and Solutia Inc.

USEPA: United States Environmental Protection Agency

Table 3-1c. Statistical Summary of Residential Completed Removal Actions in Zones A and B
Anniston PCB Site, Anniston, Alabama

Zone	Number of Residential Properties Transferred to P/S for Removal Action	P/S Yard Removal Action	P/S Yard Removal Action Partially Completed (Additional Unsuitable Areas Remain)	Number of Properties Unsuitable for Removal	Number of Properties where Removal Actions Pending (Access Issues)
A	86	79	3	2	2
B	124	117	0	5	2
Total	**210**	**196**	**3**	**7**	**4**

Notes:

[1)] Counts do not include secondary parcels.

mg/kg: milligrams per kilogram

PCB: polychlorinated biphenyl

P/S: Pharmacia LLC and Solutia Inc.

USEPA: United States Environmental Protection Agency

Table 3-2. OU-1/OU-2 Interim Measures and Removal Action Reference Documents
OU-1/OU-2 Remedial Investigation Report
Anniston PCB Site, Anniston, Alabama

Appendix	Date	Title	Author	Interim Measure
A-01	1994-08	Anniston West End Landfill Site Investigation	Geraghty & Miller	APCO Ditch – South Section
A-02	1995-11-07	Construction Drawings for Revised Cover System, West End Landfill, Anniston, Alabama	Golder	APCO Ditch – South Section
A-03	1997-06-16	Interim Measures Work Plan (1997 IMWP)	Golder	Northside, Eastside, CSSMA
A-04	1997-07-28	Letter to Monsanto: Interim Measures Work Plan Approval Letter	ADEM	Northside, Eastside, CSSMA
A-05	1998-03-31	Interim Measures Report	Solutia	Northside, Eastside, CSSMA
A-06	1998-04-08	Final Design Drawings for Interim Measures	O'Brien & Gere	Eastside, CSSMA
A-07	1998-05-19	Revised Supplemental Interim Measures Work Plan	Solutia	Northside, Eastside
A-08	1998-06-05	Final Report for the Detention, Cap, and Cover Project	ICF Kaiser	Eastside, CSSMA
A-09	1998-06-29	Construction Drawings: Northside and Miscellaneous Properties Closure Design	O'Brien & Gere	Northside, Eastside, CSSMA
A-10	1998-07-02	Letter to ADEM: Request for Excavated Soil Consolidation Under Covers	Solutia	Northside, Eastside
A-11	1998-07-16	Letter to Solutia: Review of July 2, 1998, "Soil Excavation/Placement Letter (Amendment to Supplemental Interim Measures Plan for North Side)"	ADEM	Northside, Eastside
A-12	1998-07-21	Letter to ADEM: North Side Interim Measures Design Revisions	Solutia	Northside
A-13	1998-08-27	Letter to ADEM: Response to ADEM Comments on Revised Supplemental Interim Measures Work Plan and Revised Design (text for Revision 2 of the Supplemental Interim Measures Work Plan attached to the letter)	Solutia	Northside, Eastside
A-14	1998-09-10	Letter to Solutia: Notice of Approval: Revision 2 of Supplemental Interim Measures Work Plan and Revised Design Submittal	ADEM	Northside, Eastside
A-15	1998-10-15	Dredge Spoil Area Evaluation Report	Roux	Dredge Spoils
A-16	1999-03-30	Supplemental Interim Measures Report	Solutia	Northside, Eastside
A-17	1999-09-13	Dredge Spoil Area RFI/CS Phase 1 Report	Roux	Dredge Spoils
A-18	1999-09-21	Letter to ADEM: Extension of North Side Cover	Solutia	Northside

Table 3-2. OU-1/OU-2 Interim Measures and Removal Action Reference Documents
OU-1/OU-2 Remedial Investigation Report
Anniston PCB Site, Anniston, Alabama

Appendix	Date	Title	Author	Interim Measure
A-19	1999-10-20	Letter to Solutia: Notice of Deficiency: Extension of North Side Cover	ADEM	Northside
A-20	1999-12-15	Letter to Solutia: Revised Notice of Deficiency: Extension of North Side Cover	ADEM	Northside
A-21	2000-01-24	Interim Measures Work Plan for Extension of North Side Cover and Responses to ADEM Comments on Proposed Extension of North Side Cover	Solutia	Northside
A-22	2002-02-26	Ice House Property Cover Material Sampling Memorandum	Genesis	Eastside
A-23	2002-07-08	Northside Cover Extension Interim Measures Report	Roux	Northside
A-24	2004-04-21	Northside Cover Extension Interim Measures Report Addendum	Roux	Northside
A-25	2004-08-10	Central Staging and Soil Management Area (Former Miller Property) Operating and Closure Plan, Revision 2	Solutia	CSSMA
A-26	2005-02-14	Drawing: Final Cap and Cover, Exhibit B	Taylor Land Surveying, Inc.	Hall Street
A-27	2005-05-12	11th Street Ditch Removal Response Action – Completion Report	Roux	11th Street Ditch
A-28	2005-05-12	Operation and Maintenance Plan – 11th Street Ditch Removal Response Action	Roux	11th Street Ditch
A-29	2006-03-21	Drawing: Boundary Survey, Exhibit A	Taylor Land Surveying, Inc.	Hall Street
A-30	2006-07-06	Central Staging and Soil Management Area (Former Miller Property) Final Closure Report	Solutia	CSSMA
A-31	2007-11-16	Drawing: Hall Ave Final Cap & Cover with Revised Easement	Taylor Land Surveying, Inc.	Hall Street
A-32	2007-12-31	Deed Restriction: Hall Street Properties	Calhoun County	Hall Street
A-33	2010-02-05	Snow Creek Sediment Removal Action Completion Report	Solutia	Dredge Spoils
A-34	2012-10-12	Former Mars Hill Church Parcels Soil Cover Design Details	Golder	Eastside
A-35	2012-12-18	Memo: Snow Creek Dredge Spoil Pile Removal, 710 Pine Street Property	Genesis	Dredge Spoils
A-36	2012-12-18	Dredge Spoil Evaluation Report, Snow Creek and Choccolocco Creek, Calhoun and Talladega Counties, Alabama	Roux	Dredge Spoils

Table 3-2. OU-1/OU-2 Interim Measures and Removal Action Reference Documents
OU-1/OU-2 Remedial Investigation Report
Anniston PCB Site, Anniston, Alabama

Appendix	Date	Title	Author	Interim Measure
A-37	2013-01-23	Completion Report – Post Demolition Supplemental Interim Measure Remedial Action, Former Mars Hill Missionary Baptist Church	Golder	Eastside
A-38	2013-06-14	Interim Measures Report – Quintard Mall, Oxford, Alabama	Roux	Quintard Mall
A-39	2014-02	Comprehensive Operations and Maintenance Plan for Remedial/Corrective Action Projects (Revision 3.1)	Solutia	Northside, Eastside, CSSMA, 11th Street Ditch, APCO Ditch – South Section

Notes:
The documents referenced above are provided as Appendix A electronically included with this OU-1/OU-2 Remedial Investigation Report.
ADEM: Alabama Department of Environmental Management
APCO: Alabama Power Company
CSSMA: central staging and soil management area
IMWP: interim measure work plan
PCB: polychlorinated biphenyl
RCRA: Resource Conservation and Recovery Act
RFI/CS: RCRA facility investigation/confirmatory sampling

Table 3-3. OU-1/OU-2 Northside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
11SDbSTA0	4/12/2001	Original	0	6	65	NA	1148139.7	650345.8	No
11SDbSTA21	4/25/2001	Original	0	6	0.80	NA	1147076.3	648505.4	No
11SDbSTA22	4/25/2001	Original	0	6	0.72	NA	1147025.3	648419.8	No
11SDbSTA23	4/25/2001	Original	0	6	0.30	NA	1147025.3	648419.8	No
11SDbSTA23	4/25/2001	Field duplicate	0	6	0.47	NA	1146972.9	648332.9	No
11SDbSTA24	4/25/2001	Original	0	6	0.93	NA	1146924.1	648249.1	No
11SDbSTA25	4/25/2001	Original	0	6	0.73	NA	1146871.7	648162.7	No
11SDbSTA8	4/24/2001	Original	0	6	1.4	NA	1147755.3	649601.3	No
11SDcSTA0	4/25/2001	Original	0	6	11	NA	1147779.4	649884.6	No
11SDcSTA1	4/25/2001	Original	0	6	8.4	NA	1147734.7	649795.0	No
11SDcSTA2	4/25/2001	Original	0	6	7.3	NA	1147688.1	649706.0	No
11SDd1STA0	4/10/2001	Original	0	6	10	NA	1147904.7	650012.6	Yes
11SDd1STA0	4/10/2001	Field duplicate	0	6	13	NA	1147904.7	650012.6	Yes
11SDd1STA1	4/10/2001	Original	0	6	13	NA	1147849.2	649957.0	Yes
11SDd2STA0	4/10/2001	Original	0	6	7.7	NA	1147954.2	650356.5	No
11SDd3STA0	4/10/2001	Original	0	6	4.2	NA	1148072.7	650322.3	No
11SDd3STA1	4/10/2001	Original	0	6	7.5	NA	1148012.7	650231.8	No
CSED0100	3/19/1996	Original	0	3	14	> 5	1147647.2	649411.5	Yes
CSED0150	3/20/1996	Original	0	3	70	> 5	1147700.2	649438.5	Yes
CSED0200	3/19/1996	Original	0	3	100	> 5	1147745.0	649465.8	Yes
CSED0250	3/20/1996	Original	0	3	75	> 5	1147802.1	649491.6	Yes
CSED0300	3/19/1996	Original	0	3	18	> 5	1147852.6	649521.4	Yes
CSED0350	3/20/1996	Original	0	3	370	> 5	1147895.7	649553.8	Yes
CSED0400	3/19/1996	Original	0	3	53	> 5	1147938.4	649579.5	Yes
CSED0450	3/20/1996	Original	0	3	66	> 5	1147974.7	649612.7	Yes
CSED0450	3/20/1996	Field duplicate	0	3	42	> 5	1147974.7	649612.7	Yes
CSED0505	3/19/1996	Original	0	3	47	> 5	1147998.4	649649.3	Yes
CSED30	5/16/1996	Original	0	3	17	> 5	1147995.5	649712.8	Yes
CSED30L15	6/5/1996	Original	0	3	380	> 5	1148005.2	649701.9	Yes
CSED30L30	6/5/1996	Original	0	3	5.7	> 5	1148016.4	649691.0	Yes
CSED30L30	6/5/1996	Field duplicate	0	3	3.3	> 5	1148016.4	649691.0	Yes
CSED30R25	6/5/1996	Original	0	3	140	> 5	1147978.6	649730.9	Yes
CSED31	5/16/1996	Original	0	3	82	> 5	1148018.2	649768.5	Yes
CSED31L15	6/5/1996	Original	0	3	NA	< 5	1148028.4	649756.4	Yes
CSED31L30	6/5/1996	Original	0	3	36	> 5	1148038.7	649747.2	Yes
CSED31R15	6/5/1996	Original	0	3	20	> 5	1148008.0	649780.1	Yes
CSED31R30	6/5/1996	Original	0	3	2.7	> 5	1147997.0	649791.1	Yes
CSED31R75	6/5/1996	Original	0	3	3.1	> 5	1147967.0	649823.9	Yes
CSED32	5/16/1996	Original	0	3	18	> 5	1148058.6	649799.2	Yes

Table 3-3. OU-1/OU-2 Northside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
CSED32L15	6/5/1996	Original	0	3	380	> 5	1148061.4	649783.7	Yes
CSED32L30	6/5/1996	Original	0	3	330	> 5	1148065.1	649767.9	Yes
CSED32L45	6/5/1996	Original	0	3	78	> 5	1148068.6	649754.7	Yes
CSED32R15	6/5/1996	Original	0	3	23	> 5	1148054.7	649814.5	Yes
CSED32R30	6/5/1996	Original	0	3	36	> 5	1148052.7	649828.8	Yes
CSED33	5/16/1996	Original	0	3	22	> 5	1148111.2	649817.2	Yes
CSL01	3/19/1996	Original	0	3	10	> 5	1147915.6	649604.3	Yes
CSL01	3/19/1996	Field duplicate	0	3	8.1	> 5	1147915.6	649604.3	Yes
CSL02	3/19/1996	Original	0	3	NA	< 5	1147877.1	649584.6	Yes
CSL03	3/19/1996	Original	0	3	NA	< 5	1147842.9	649569.8	Yes
CSL04	3/19/1996	Original	0	3	NA	< 5	1147804.2	649527.6	Yes
CSL05	3/19/1996	Original	0	3	16	> 5	1147740.6	649499.1	Yes
CSL07	3/19/1996	Original	0	3	NA	< 5	1147780.2	649597.1	Yes
CSL08	3/19/1996	Original	0	3	NA	< 5	1148002.5	649608.6	Yes
CSL09	3/19/1996	Original	0	3	8.8	> 5	1147973.3	649547.3	Yes
CSL10	3/19/1996	Original	0	3	23	> 5	1147934.9	649498.5	Yes
CSL11	3/19/1996	Original	0	3	34	> 5	1147882.7	649457.7	Yes
CSL12	3/20/1996	Original	0	3	4.5	> 5	1147999.9	649543.0	Yes
CSL12	3/20/1996	Field duplicate	0	3	5.6	> 5	1147999.9	649543.0	Yes
CSL13	3/19/1996	Original	0	3	NA	< 5	1147915.9	649348.6	Yes
CSL14	3/19/1996	Original	0	3	NA	< 5	1147966.3	649296.9	No
CSL15	3/19/1996	Original	0	3	NA	< 5	1147868.4	649282.8	No
CSL16	3/19/1996	Original	0	3	NA	< 5	1147839.9	649359.1	Yes
CSL17	3/19/1996	Original	0	3	NA	< 5	1147759.7	649354.3	No
CSL18	3/19/1996	Original	0	3	NA	< 5	1147690.2	649308.7	Yes
CSL19	3/20/1996	Original	0	3	NA	< 5	1147604.7	649287.0	Yes
CSL20	3/20/1996	Original	0	3	19	> 5	1147795.3	649425.7	Yes
CSL25	3/20/1996	Original	0	3	NA	< 5	1147849.4	649475.9	Yes
CSL26	3/20/1996	Original	0	3	NA	< 5	1147877.8	649329.4	Yes
CSL27	3/20/1996	Original	0	3	NA	< 5	1147783.9	649301.3	No
CSL28	3/20/1996	Original	0	3	13	> 5	1147702.6	649401.9	Yes
CSL29	3/20/1996	Original	0	3	NA	< 5	1147661.2	649271.2	Yes
CSL34	6/19/1996	Original	0	3	2.2	> 5	1147897.9	649842.6	Yes
CSL35	6/19/1996	Original	0	3	NA	< 5	1147864.4	649776.8	Yes
CSL35	6/19/1996	Field duplicate	0	3	NA	< 5	1147864.4	649776.8	Yes
CSL36	6/19/1996	Original	0	3	NA	< 5	1147961.6	649751.3	Yes
CSL37	6/19/1996	Original	0	3	NA	< 5	1147966.3	649856.0	Yes
ESED21	5/7/1996	Original	0	3	55	> 5	1148339.6	649808.2	Yes
ESED22	5/7/1996	Original	0	3	210	> 5	1148284.7	649808.2	Yes

Table 3-3. OU-1/OU-2 Northside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
ESED23	5/7/1996	Original	0	3	34	> 5	1148340.7	649782.2	Yes
ESED24	5/7/1996	Original	0	3	56	> 5	1148339.6	649730.2	Yes
ESED37	5/16/1996	Original	0	3	95	> 5	1148223.3	649809.3	Yes
ESL01	5/6/1996	Original	0	3	6.8	> 5	1148459.2	649961.2	No
ESL02	5/6/1996	Original	0	3	7.1	> 5	1148386.3	649961.4	Yes
ESL02	5/6/1996	Field duplicate	0	3	7.1	> 5	1148386.3	649961.4	Yes
ESL03	5/6/1996	Original	0	3	21	> 5	1148416.5	649936.3	Yes
ESL04	5/6/1996	Original	0	3	NA	< 5	1148456.8	649899.5	No
ESL05	5/6/1996	Original	0	3	28	> 5	1148417.7	649869.8	Yes
ESL06	5/6/1996	Original	0	3	23	> 5	1148387.9	649879.7	Yes
ESL07	5/6/1996	Original	0	3	28	> 5	1148387.7	649836.9	Yes
ESL08	5/6/1996	Original	0	3	NA	< 5	1148421.3	649815.2	Yes
ESL09	5/6/1996	Original	0	3	11	> 5	1148456.8	649846.1	No
ESL10	5/6/1996	Original	0	3	9.1	> 5	1148449.7	649766.6	Yes
ESL11	5/6/1996	Original	0	3	30	> 5	1148403.5	649757.1	Yes
ESL117	7/27/1997	Original	0	3	3.3	> 25	1148435.7	650232.0	Yes
ESL117-98	10/16/1998	Original	0	6	97	> 5	1148311.4	650040.4	Yes
ESL117-98	10/16/1998	Original	6	12	5.9	> 5	1148311.4	650040.4	Yes
ESL117-98	10/16/1998	Original	12	18	1.4	< 5	1148311.4	650040.4	Yes
ESL117-98	10/16/1998	Original	18	24	4.6	< 5	1148311.4	650040.4	Yes
ESL118	7/27/1997	Original	0	3	14	> 5	1148447.0	650320.1	Yes
ESL118-98	10/16/1998	Original	0	6	43	> 5	1148314.1	650061.8	Yes
ESL118-98	10/16/1998	Field duplicate	0	6	39	> 5	1148314.1	650061.8	Yes
ESL118-98	10/16/1998	Original	6	12	21	> 5	1148314.1	650061.8	Yes
ESL118-98	10/16/1998	Original	12	18	0.91	< 5	1148314.1	650061.8	Yes
ESL118-98	10/16/1998	Original	18	24	0.068	< 5	1148314.1	650061.8	Yes
ESL119	7/27/1997	Original	0	3	79	> 25	1148332.0	650281.4	Yes
ESL119	7/27/1997	Original	18	22	14	> 25	1148332.0	650281.4	Yes
ESL119-98	10/16/1998	Original	0	6	540	> 5	1148313.8	650156.5	Yes
ESL119-98	10/16/1998	Original	6	12	170	> 5	1148313.8	650156.5	Yes
ESL119-98	10/16/1998	Original	12	18	1600	> 5	1148313.8	650156.5	Yes
ESL119-98	10/16/1998	Original	18	24	1400	> 5	1148313.8	650156.5	Yes
ESL12	5/6/1996	Original	0	3	110	> 5	1148387.9	649785.2	Yes
ESL120	7/27/1997	Original	0	3	20	> 5	1148354.5	650236.4	Yes
ESL121	7/27/1997	Original	0	3	740	> 25	1148332.0	650222.6	Yes
ESL121	7/27/1997	Original	12	16	75	> 25	1148332.0	650222.6	Yes
ESL122	7/27/1997	Original	0	3	420	> 25	1148373.2	650222.6	Yes
ESL122	7/27/1997	Field duplicate	0	3	460	> 25	1148373.2	650222.6	Yes
ESL122	7/27/1997	Original	15	24	7	> 25	1148373.2	650222.6	Yes

Table 3-3. OU-1/OU-2 Northside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
ESL123	7/27/1997	Original	0	3	300	> 25	1148413.2	650224.5	Yes
ESL123	7/27/1997	Original	20	21	230	> 25	1148413.2	650224.5	Yes
ESL13	5/7/1996	Original	0	3	6.6	> 5	1148455.6	649722.7	No
ESL14	5/7/1996	Original	0	3	NA	< 5	1148417.7	649708.4	Yes
ESL15	5/7/1996	Original	0	3	3.9	> 5	1148387.9	649739.0	Yes
ESL16	5/7/1996	Original	0	3	17	> 5	1148363.7	649783.9	Yes
ESL17	5/7/1996	Original	0	3	23	> 5	1148359.8	649833.9	Yes
ESL18	5/7/1996	Original	0	3	19	> 5	1148359.4	649880.8	Yes
ESL19	5/7/1996	Original	0	3	16	> 5	1148359.4	649936.8	Yes
ESL20	5/7/1996	Original	0	3	15	> 5	1148360.5	649976.3	Yes
ESL41	5/31/1996	Original	0	3	85	> 5	1148098.7	649798.7	Yes
ESL42	5/31/1996	Original	0	3	NA	< 5	1148097.8	649727.2	Yes
ESL43	5/31/1996	Original	0	0.5	6.4	> 5	1148233.2	649701.7	Yes
ESL44	5/31/1996	Original	0	0.5	54	> 5	1148184.9	649815.9	Yes
ESL45	5/31/1996	Original	0	3	19	> 5	1148167.0	649971.1	Yes
ESL45	5/31/1996	Field duplicate	0	3	25	> 5	1148167.0	649971.1	Yes
ESL46	5/31/1996	Original	0	3	8.7	> 5	1148085.0	649939.0	Yes
ESL47	5/31/1996	Original	0	3	49	> 5	1148105.9	649861.7	Yes
ESL48	5/31/1996	Original	0	1.5	NA	< 5	1148293.3	649973.1	Yes
ESL49	5/31/1996	Original	0	3	20	> 5	1148299.0	649876.4	Yes
ESL50	5/31/1996	Original	0	3	14	> 5	1148280.3	649828.0	Yes
ESL51	5/31/1996	Original	0	3	21	> 5	1148088.2	649717.1	Yes
ESL52	5/31/1996	Original	0	3	13	> 5	1148201.3	649696.4	Yes
ESL53	6/5/1996	Original	0	3	10	> 5	1148011.7	649934.3	Yes
ESL54	6/5/1996	Original	0	3	11	> 5	1148022.2	649887.2	Yes
ESL55	6/5/1996	Original	0	3	4.5	> 5	1148154.2	649663.2	No
ESL57	6/6/1996	Original	0	3	140	> 5	1148025.0	650019.5	Yes
ESL58	6/6/1996	Original	0	3	34	> 5	1148087.0	650016.5	Yes
ESL58	6/6/1996	Field duplicate	0	3	36	> 5	1148087.0	650016.5	Yes
ESL59	6/6/1996	Original	0	3	26	> 5	1148162.6	650018.4	Yes
ESL60	6/6/1996	Original	0	3	66	> 5	1148256.2	650015.9	Yes
ESL61	6/6/1996	Original	0	3	63	> 5	1148336.3	650019.2	Yes
ESL62	6/6/1996	Original	0	3	40	> 5	1148454.4	650014.6	Yes
ESL63	6/6/1996	Original	0	3	12	> 5	1148467.5	650032.4	Yes
ESL64	6/6/1996	Original	0	3	88	> 5	1148454.4	650068.0	Yes
ESL65	6/6/1996	Original	0	3	40	> 5	1148466.3	650100.0	Yes
ESL66	6/19/1996	Original	0	3	11	> 5	1148031.3	650045.4	Yes
ESL67	6/19/1996	Original	0	3	110	> 5	1148107.7	650035.5	Yes
ESL68	6/19/1996	Original	0	3	21	> 5	1148175.2	650035.5	Yes

Table 3-3. OU-1/OU-2 Northside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
ESL69	6/19/1996	Original	0	3	110	> 5	1148272.2	650038.0	Yes
ESL70	6/19/1996	Original	0	3	270	> 5	1148307.6	650038.0	Yes
ESL71	6/19/1996	Original	0	3	15	> 5	1148310.0	650076.6	Yes
ESL72	6/19/1996	Original	0	3	72	> 5	1148203.1	650079.1	Yes
ESL73	6/19/1996	Original	0	3	44	> 5	1148139.0	650065.1	Yes
ESL74	6/19/1996	Original	0	3	NA	< 5	1148090.5	650082.4	Yes
ESL75	6/19/1996	Original	0	3	12	> 5	1148067.4	650135.9	Yes
ESL76	6/19/1996	Original	0	3	8.3	> 5	1148346.2	650047.8	Yes
ESL77	6/19/1996	Original	0	3	NA	< 5	1148390.6	650042.9	Yes
ESL77	6/19/1996	Field duplicate	0	3	NA	< 5	1148390.6	650042.9	Yes
ESL78	6/19/1996	Original	0	3	50	> 5	1148426.0	650057.7	Yes
ESL79	6/19/1996	Original	0	3	130	> 5	1148426.0	650112.8	Yes
ESL80	6/19/1996	Original	0	3	77	> 5	1148444.3	650148.7	Yes
ESL81	6/19/1996	Original	0	3	53	> 5	1148462.7	650153.4	Yes
ESL82	6/19/1996	Original	0	3	11	> 5	1148440.1	650206.4	Yes
ESL83	6/19/1996	Original	0	3	580	> 5	1148317.4	650205.0	Yes
ESL84	6/19/1996	Original	0	3	690	> 5	1148276.3	650207.4	Yes
ESL85	6/19/1996	Original	0	3	2800	> 5	1148374.2	650141.6	Yes
ESL86	7/24/1996	Original	0	3	650	> 5	1148072.8	650168.2	Yes
ESL87	7/24/1996	Original	0	3	200	> 5	1148102.0	650197.8	Yes
ESL88	7/24/1996	Original	0	3	500	> 5	1148160.8	650162.3	Yes
ESL89	7/24/1996	Original	0	3	990	> 5	1148212.4	650165.3	Yes
ESL90	7/24/1996	Original	0	3	29	> 5	1148239.1	650288.7	Yes
ESL90	7/24/1996	Field duplicate	0	3	44	> 5	1148239.1	650288.7	Yes
ESL91	7/24/1996	Original	0	3	52	> 5	1148453.2	650227.0	Yes
ESL92	7/24/1996	Original	0	3	4	> 5	1148396.3	650343.9	Yes
ESL93	7/24/1996	Original	0	3	156	> 5	1148176.1	650345.1	No
ESL95	7/24/1996	Original	0	3	220	> 5	1148102.9	650232.6	Yes
FC1-0034-A	5/8/2000	Original	0	3	0.37	NA	1147787.4	650363.4	No
FC4-0013-A	5/2/2000	Original	0	3	0.71	NA	1147802.6	649284.7	No
GASCOSL01	12/18/1996	Original	0	3	NA	< 5	1148031.3	650335.7	No
GASCOSL05	12/18/1996	Original	0	3	NA	< 5	1148041.8	650336.1	No
HA-66	5/3/2000	Original	0	6	ND	NA	1147786.3	649338.3	No
HA-66	8/25/2000	Original	0	3	0.24	NA	1147786.3	649338.3	No
HA-66	5/3/2000	Original	12	15	ND	NA	1147786.3	649338.3	No
HA-67	5/3/2000	Original	0	6	ND	NA	1147786.3	649338.3	No
HA-67	5/3/2000	Original	12	15	ND	NA	1147786.3	649338.3	No
HA-68	5/3/2000	Original	0	6	0.86	NA	1147786.3	649338.3	No
HA-68	5/3/2000	Original	12	15	ND	NA	1147786.3	649338.3	No

Table 3-3. OU-1/OU-2 Northside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
HA-69	5/3/2000	Original	0	6	ND	NA	1147786.3	649338.3	No
HA-69	5/3/2000	Original	12	15	ND	NA	1147786.3	649338.3	No
HA-70	5/3/2000	Original	0	6	ND	NA	1147786.3	649338.3	No
HA-70	5/3/2000	Original	12	15	ND	NA	1147786.3	649338.3	No
HA-70-dup	5/3/2000	Field duplicate	0	6	1.6	NA	1147786.3	649338.3	No
HA-71	5/3/2000	Original	0	6	1.1	NA	1147786.3	649338.3	No
HA-71	5/3/2000	Original	12	15	ND	NA	1147786.3	649338.3	No
NPSL01	11/19/1996	Original	0	3	NA	< 5	1146999.9	648231.5	No
NPSL02	11/19/1996	Original	0	3	NA	< 5	1147086.5	648274.9	No
NPSL03	11/19/1996	Original	0	3	NA	< 5	1147174.9	648318.8	No
NPSL04	11/19/1996	Original	0	3	NA	< 5	1147263.9	648366.8	No
NPSL04	11/19/1996	Field duplicate	0	3	NA	< 5	1147263.9	648366.8	No
NPSL05	11/19/1996	Original	0	3	NA	< 5	1147354.2	648407.7	No
NPSL06	11/19/1996	Original	0	3	NA	< 5	1147446.1	648452.5	No
NPSL07	11/19/1996	Original	0	3	NA	< 5	1147538.6	648494.1	No
NPSL08	11/19/1996	Original	0	3	NA	< 5	1147632.0	648536.9	No
NPSL09	11/19/1996	Original	0	3	NA	< 5	1147657.9	648626.8	No
NPSL10	11/19/1996	Original	0	3	NA	< 5	1147751.8	648591.5	No
NPSL11	11/19/1996	Original	0	3	NA	< 5	1147842.9	648633.3	No
NPSL12	11/19/1996	Original	0	3	NA	< 5	1147929.2	648682.8	No
NPSL13	11/19/1996	Original	0	3	NA	< 5	1147951.0	648771.3	No
NPSL14	11/19/1996	Original	0	3	NA	< 5	1147957.1	648818.9	No
NPSL15	11/19/1996	Original	0	3	NA	< 5	1147960.1	648867.0	No
NPSL16	11/19/1996	Original	0	3	NA	< 5	1147956.8	648966.5	No
NPSL17	11/19/1996	Original	0	3	NA	< 5	1147953.9	649068.0	No
NPSL18	11/19/1996	Original	0	3	NA	< 5	1147955.0	649117.8	No
NPSL19	11/19/1996	Original	0	3	NA	< 5	1147918.4	649130.5	No
NPSL20	11/19/1996	Original	0	3	292	> 5	1147830.9	649127.0	Yes
NPSL21	11/19/1996	Original	0	3	34	> 5	1147824.8	649228.1	Yes
NPSL21	11/19/1996	Field duplicate	0	3	34	> 5	1147824.8	649228.1	Yes
NPSL22	11/19/1996	Original	0	3	NA	< 5	1147726.2	649222.5	Yes
NPSL23	11/19/1996	Original	0	3	NA	< 5	1147625.0	649221.8	Yes
NPSL24	11/19/1996	Original	0	3	240	> 5	1147534.0	649209.4	Yes
NPSL25	11/26/1996	Original	0	3	69	> 5	1147861.7	649144.2	Yes
NPSL26	11/26/1996	Original	0	3	NA	< 5	1147832.9	649181.9	Yes
NPSL27	11/26/1996	Original	0	3	NA	< 5	1147907.7	649163.9	Yes
NPSL27	11/26/1996	Field duplicate	0	3	NA	< 5	1147907.7	649163.9	Yes
NPSL28	11/26/1996	Original	0	3	NA	< 5	1147897.9	649234.9	Yes
NPSL29	11/26/1996	Original	0	3	NA	< 5	1147883.7	649241.3	Yes

Table 3-3. OU-1/OU-2 Northside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
NPSL30	11/26/1996	Original	0	3	NA	< 5	1147838.3	649228.9	Yes
NPSL31	11/26/1996	Original	0	3	NA	< 5	1147878.6	649102.1	No
NPSL32	11/26/1996	Original	0	3	NA	< 5	1147834.9	649101.6	No
NPSL33	11/26/1996	Original	0	3	153	> 5	1147794.7	649116.3	Yes
NPSL34	11/26/1996	Original	0	3	NA	< 5	1147883.1	649131.4	No
NPSL35	11/26/1996	Original	0	3	15	> 5	1147790.7	649169.9	Yes
NPSL36	11/26/1996	Original	0	3	NA	< 5	1147765.5	649196.5	Yes
NPSL37	11/26/1996	Original	0	3	NA	< 5	1147779.2	649237.8	Yes
NPSL38	11/26/1996	Original	0	3	NA	< 5	1147577.9	649223.3	Yes
NPSL39	11/26/1996	Original	0	3	14	> 5	1147536.8	649186.5	Yes
NPSL40	11/26/1996	Original	0	3	330	> 5	1147502.6	649190.7	Yes
NPSL41	11/26/1996	Original	0	3	NA	< 5	1147982.4	649235.3	No
NPSL43	12/11/1996	Original	0	3	7.8	> 5	1147799.5	649089.4	No
NPSL44	12/11/1996	Original	0	3	6.1	> 5	1147782.4	649103.2	No
NPSL44	12/11/1996	Field duplicate	0	3	7.2	> 5	1147782.4	649103.2	No
NPSL45	12/11/1996	Original	0	3	12	> 5	1147773.5	649117.3	Yes
NPSL46	12/11/1996	Original	0	3	21	> 5	1147782.6	649133.8	Yes
NPSL47	12/11/1996	Original	0	3	NA	< 5	1147560.1	649172.6	Yes
NPSL48	12/11/1996	Original	0	3	NA	< 5	1147541.5	649166.3	Yes
NPSL49	12/11/1996	Original	0	3	15	> 5	1147513.6	649166.8	Yes
NPSL50	12/11/1996	Original	0	3	200	> 5	1147503.3	649131.7	Yes
NPSL51	12/11/1996	Original	0	3	1900	> 5	1147483.1	649150.8	Yes
NPSL52	12/12/1996	Original	0	3	NA	< 5	1147799.7	649070.2	No
NPSL53	12/12/1996	Original	0	3	NA	< 5	1147761.0	649092.9	No
NPSL53	12/12/1996	Field duplicate	0	3	NA	< 5	1147761.0	649092.9	No
NPSL54	12/12/1996	Original	0	3	11	> 5	1147750.4	649125.0	Yes
NPSL55	12/12/1996	Original	0	3	2.8	> 5	1147769.1	649157.1	Yes
NPSL56	12/12/1996	Original	0	3	290	> 5	1147524.8	649150.7	Yes
NPSL57	12/12/1996	Original	0	3	230	> 5	1147520.9	649124.2	Yes
NPSL58	12/12/1996	Original	0	3	NA	< 5	1147740.4	649152.3	Yes
NPSL59	12/12/1996	Original	0	3	NA	< 5	1147726.3	649120.7	No
NPSL60	12/19/1996	Original	0	3	16	> 5	1147577.4	649144.2	Yes
NPSL60	12/19/1996	Field duplicate	0	3	15	> 5	1147577.4	649144.2	Yes
NPSL61	12/19/1996	Original	0	3	15	> 5	1147557.1	649085.5	Yes
NPSL62	12/19/1996	Original	0	3	370	> 5	1147483.2	649082.3	Yes
NPSL-63	10/7/1997	Original	0	3	NA	> 25	1147621.1	649164.6	Yes
NPSL-64	10/7/1997	Original	0	3	NA	< 5	1147618.4	649118.3	Yes
NPSL-65	10/7/1997	Original	0	3	NA	< 5	1147599.1	649076.0	Yes
NPSL-67	10/7/1997	Original	0	3	NA	> 25	1147492.5	649033.4	Yes

Table 3-3. OU-1/OU-2 Northside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
NPSL-68	10/7/1997	Original	0	3	NA	< 5	1147469.7	649053.8	Yes
NPSL-69	10/7/1997	Original	0	3	NA	< 5	1147661.6	649183.5	Yes
NPSL70	12/10/1997	Original	0	3	NA	< 5	1147655.0	649132.8	Yes
NPSL71	12/10/1997	Original	0	3	NA	> 25	1147582.7	649024.7	Yes
NPSL72	12/10/1997	Original	0	3	NA	> 25	1147547.6	648990.7	Yes
NPSL73	12/10/1997	Original	0	3	NA	> 25	1147495.5	649004.1	Yes
NPSL74	12/10/1997	Original	0	3	NA	< 5	1147462.0	649006.2	Yes
NPSL77	12/10/1997	Original	0	3	NA	< 5	1147570.2	648963.3	Yes
NPSL78	12/10/1997	Original	0	3	NA	< 5	1147518.9	648960.4	Yes
NPSL79	12/10/1997	Original	0	3	NA	< 5	1147446.3	648944.9	Yes
NPSL80	12/10/1997	Original	0	3	NA	< 5	1147638.6	649028.4	Yes
NPSL81	12/10/1997	Original	0	3	NA	< 5	1147649.4	648978.7	Yes
NSP-24A	8/15/2002	Original	0	24	0.79	< 1	1147862.7	648773.2	No
NSP-24A-X	8/15/2002	Field duplicate	0	24	0.69	< 1	1147862.7	648773.2	No
NSP-24B	8/15/2002	Original	0	24	NA	< 1	1147657.2	648682.2	No
NSP-24C	8/16/2002	Original	0	24	NA	< 1	1147457.6	648582.4	No
NSP-24D	8/16/2002	Original	0	24	NA	< 1	1147256.5	648490.6	No
NSP-24E	8/16/2002	Original	0	24	0.55	< 1	1147087.6	648361.0	No
NSP-24F	8/16/2002	Original	0	24	NA	< 1	1147861.2	648972.8	No
NSP-24G	8/16/2002	Original	0	24	NA	< 1	1147655.7	648912.7	No
NSP-24H	8/16/2002	Original	0	24	NA	< 1	1147457.6	648827.5	No
NSP-24I	8/16/2002	Original	0	24	NA	< 1	1147294.8	648737.3	No
NSP-24J	8/15/2002	Original	0	24	NA	< 1	1147825.3	648637.5	No
NSP-24K	8/15/2002	Original	0	24	NA	< 1	1147619.8	648537.4	No
NSP-24L	8/16/2002	Original	0	24	NA	< 1	1147372.1	648421.4	No
NSP-24M	8/16/2002	Original	0	24	NA	< 1	1146992.6	648237.0	No
PA-129-A	2/17/2000	Original	0	3	0.045	NA	1147083.6	648564.6	Yes
PB-ASP-01	3/25/2000	Original	0	3	0.42	NA	1147808.6	648598.4	No
PB-ASP-03	3/25/2000	Original	0	3	ND	NA	1148019.1	648858.4	No
PB-ASP-08	3/25/2000	Original	0	3	93	NA	1148031.3	649463.1	No
PB-ASP-11	3/25/2000	Original	0	3	3.4	NA	1148292.2	649678.2	No
PB-ASP-16	3/25/2000	Original	0	3	1.2	NA	1148457.2	650223.7	Yes
PB-RR-09	3/25/2000	Original	0	3	4.2	NA	1147091.3	648566.2	Yes
PCWaste-10	4/27/2000	Original	0	3	ND	NA	1147092.1	648244.4	No
PCWaste-11	4/27/2000	Original	0	3	ND	NA	1147092.1	648244.4	No
PECON-016	7/26/2000	Original	0	3	1.1	NA	1147954.0	649273.2	No
PF-020-A	<Null>	Original	0	3	6.9	NA	1148402.2	649754.9	Yes
SV-1	7/22/2002	Original	0	6	0.67	< 1	1147805.2	650308.5	No
SV-2	7/22/2002	Original	0	6	1.19	> 1	1147889.0	650248.5	No

Table 3-3. OU-1/OU-2 Northside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
SV-3	7/22/2002	Original	0	6	0.31	< 1	1147820.4	650141.8	No
SV-4	7/31/2002	Original	0	6	0.78	NA	1147871.5	650330.8	No
SV-5	7/31/2002	Original	0	6	1.37	NA	1147879.2	650282.7	No
SV-6	7/31/2002	Original	0	6	0.32	NA	1147871.8	650192.3	No
SV-7	7/31/2002	Original	0	6	0.42	NA	1147832.0	650211.3	No
SV-8	7/31/2002	Original	0	6	0.22	NA	1147801.3	650255.5	No
T-08 4-6'	3/24/2008	Original	48	72	770	NA	1148356.6	650241.9	Yes
T-08 6-8'	3/24/2008	Original	72	96	260	NA	1148356.6	650241.9	Yes
T-08 8-10"	3/24/2008	Original	96	120	ND	NA	1148356.6	650241.9	Yes
T-08 10-12'	3/28/2008	Original	120	144	3.4	NA	1148356.6	650241.9	Yes
T-09 4-6'	3/25/2008	Original	48	72	0.29	NA	1147714.2	649106.3	No
T-09 4-6' DUP	3/25/2008	Field duplicate	48	72	0.57	NA	1147714.2	649106.3	No
T-09 6-8'	3/25/2008	Original	72	96	0.031	NA	1147714.2	649106.3	No
T-09 8-10'	3/25/2008	Original	96	120	1.8	NA	1147714.2	649106.3	No
T-10 4-6'	3/25/2008	Original	48	72	ND	NA	1147711.4	649316.7	Yes
T-10 6-8'	3/25/2008	Original	72	96	ND	NA	1147711.4	649316.7	Yes
T-10 8'-10'	3/25/2008	Original	96	120	ND	NA	1147711.4	649316.7	Yes
T-10 10-12'	3/25/2008	Original	120	144	ND	NA	1147711.4	649316.7	Yes
T-10 12-14'	3/25/2008	Original	144	168	ND	NA	1147711.4	649316.7	Yes
T-12 4-6'	3/24/2008	Original	48	72	0.59	NA	1148436.9	650149.6	Yes
T-12 6-8'	3/24/2008	Original	72	96	ND	NA	1148436.9	650149.6	Yes
T-12 8-10"	3/24/2008	Original	96	120	ND	NA	1148436.9	650149.6	Yes
T-12 10-12'	3/24/2008	Original	120	144	0.79	NA	1148436.9	650149.6	Yes

Notes:

[1] Figures 3-2a through 3-2d show the soil sample locations for the northside area.

[2] Depths listed for PCB data beneath the interim measure covers are below ground surface prior to installation of covers.

[3] Total PCB Screening (Immunoassay) concentrations were determined by USEPA Method 4020 (Immunoassay Field Screening Test Methods).

>: greater than
<: less than
IM: interim measure
mg/kg: milligrams per kilogram
NA: not applicable
ND: nondetect
OU: operable unit
PCB: polychlorinated biphenyl
ppm: parts per million
USEPA: United States Environmental Protection Agency

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
2506-3A	10/20/2005	Original	0	3	1.1	NA	1147685.7	651025.9	No
6ST-SL01	4/28/1998	Original	0	3	18	NA	1146818.2	650923.7	Yes
6ST-SL02	4/28/1998	Original	0	3	59	NA	1146839.6	650907.0	Yes
6ST-SL03	4/28/1998	Original	0	3	23	NA	1146831.9	650889.6	Yes
6ST-SL04	4/28/1998	Original	0	3	78	NA	1146833.7	650868.3	Yes
6ST-SL05	4/28/1998	Original	0	3	120	NA	1146869.4	650873.0	Yes
6ST-SL06	4/28/1998	Original	0	3	46	NA	1146861.0	650894.3	Yes
6ST-SL07	4/28/1998	Original	0	3	55	NA	1146867.8	650915.2	Yes
6ST-SL08	4/28/1998	Original	0	3	3.6	NA	1146860.5	650936.5	Yes
6ST-SL09	5/26/1998	Original	0	3	NA	> 25	1146860.6	650841.6	Yes
6ST-SL10	5/26/1998	Original	0	3	NA	< 5	1146874.3	650814.2	No
6ST-SL11	5/26/1998	Original	0	3	NA	> 25	1146829.1	650842.9	Yes
6ST-SL12	5/26/1998	Original	0	3	NA	< 5	1146838.3	650811.7	No
BNSL01	6/28/1995	Original	0	3	NA	> 10	1148007.2	651276.9	Yes
BNSL02	6/28/1995	Original	0	3	ND	> 10	1147966.7	651194.2	Yes
BNSL03	6/28/1995	Original	0	3	NA	> 10	1147886.4	651277.8	Yes
BNSL04	6/28/1995	Original	0	3	NA	> 10	1147848.8	651191.7	Yes
BNSL05	6/28/1995	Original	0	3	NA	> 10	1147804.2	651275.9	Yes
BNSL06	6/28/1995	Original	0	3	NA	> 10	1147915.1	651319.4	Yes
BNSL07	6/28/1995	Original	0	3	88	> 10	1147970.8	651317.4	Yes
BNSL08	6/28/1995	Original	0	3	NA	> 10	1148022.0	651421.5	Yes
BNSL09	6/28/1995	Original	0	3	NA	> 10	1147944.8	651416.5	Yes
BNSL10	6/28/1995	Original	0	3	NA	> 10	1147903.2	651453.2	Yes
BNSL11	6/28/1995	Original	0	3	NA	> 10	1147976.5	651455.1	Yes
BNSL12	6/28/1995	Original	0	3	NA	< 10	1148023.4	651458.3	Yes
BNSL13	6/28/1995	Original	0	3	NA	< 10	1147997.2	651480.2	Yes
BNSL16A	8/2/1995	Original	0	3	NA	> 10	1147916.1	651425.4	Yes
BNSL16B	8/2/1995	Original	0	3	NA	> 10	1147916.1	651437.3	Yes
BNSL19	8/2/1995	Original	0	3	NA	> 10	1147845.0	651274.9	Yes
BNSL20A	8/2/1995	Original	0	3	NA	> 10	1147900.3	651230.3	Yes
BNSL20B	8/2/1995	Original	0	3	NA	> 10	1147901.2	651243.2	Yes
BNSL21	8/2/1995	Original	0	3	NA	> 10	1147959.7	651263.0	Yes
BNSL22	8/2/1995	Original	0	3	NA	> 10	1148008.2	651208.5	Yes
BNSL23A	8/2/1995	Original	0	3	36	> 10	1147994.3	651304.5	Yes
BNSL23B	8/2/1995	Original	0	3	NA	> 10	1147994.3	651314.5	Yes
BNSL24	8/2/1995	Original	0	3	NA	> 10	1148090.4	651273.9	Yes
BNSL25A	8/2/1995	Original	0	3	NA	> 10	1148128.0	651185.7	Yes
BNSL25B	8/2/1995	Original	0	3	NA	> 10	1148128.0	651195.6	Yes

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
BNSL26	8/2/1995	Original	0	3	72	> 10	1148191.4	651264.0	Yes
BNSL27A	8/2/1995	Original	0	3	NA	< 10	1148149.8	651162.9	Yes
BNSL27A	8/2/1995	Field duplicate	0	3	NA	< 10	1148149.8	651162.9	Yes
BNSL27B	8/2/1995	Original	0	3	NA	< 10	1148149.8	651172.9	Yes
BNSL28	8/2/1995	Original	0	3	NA	> 10	1148081.5	651103.5	No
BNSL29A	8/2/1995	Original	0	3	NA	> 10	1148035.9	651170.8	Yes
BNSL29B	8/2/1995	Original	0	3	NA	> 10	1148035.9	651180.8	Yes
BNSL30	8/2/1995	Original	0	3	NA	> 10	1147976.5	651098.6	No
BNSL31A	8/2/1995	Original	0	3	280	> 10	1147906.9	651099.1	Yes
BNSL31A	8/2/1995	Field duplicate	0	3	300	> 10	1147906.9	651099.1	Yes
BNSL31B	8/2/1995	Original	0	3	NA	> 10	1147906.9	651113.7	Yes
BNSL32	8/2/1995	Original	0	3	NA	> 10	1147863.6	651147.1	Yes
BNSL33A	8/2/1995	Original	0	3	NA	> 10	1147808.5	651096.8	Yes
BNSL33B	8/2/1995	Original	0	3	NA	> 10	1147808.5	651111.3	Yes
BNSL34	8/2/1995	Original	0	3	18	> 10	1147794.0	650996.6	No
BNSL35A	8/2/1995	Original	0	3	NA	< 10	1147919.1	651023.3	Yes
BNSL35B	8/2/1995	Original	0	3	NA	> 10	1147919.1	651036.2	Yes
BNSL36	8/2/1995	Original	0	3	NA	< 10	1147877.4	650910.3	No
BNSL37A	8/2/1995	Original	0	3	NA	> 10	1147676.1	650988.6	Yes
BNSL37B	8/2/1995	Original	0	3	NA	> 10	1147676.1	651000.3	Yes
BNSL38A	8/3/1995	Original	0	3	NA	> 10	1147720.2	651046.7	Yes
BNSL38B	8/3/1995	Original	0	3	NA	> 10	1147720.2	651061.2	Yes
BNSL39	8/3/1995	Original	0	3	NA	> 10	1147760.6	651001.9	No
BNSL40A	8/3/1995	Original	0	3	NA	> 10	1147760.8	650880.3	No
BNSL40B	8/3/1995	Original	0	3	NA	> 10	1147760.8	650896.1	No
BNSL41	8/3/1995	Original	0	3	8.5	< 10	1147652.7	650882.3	No
BNSL41	8/3/1995	Field duplicate	0	3	NA	< 10	1147652.7	650882.3	No
BNSL42	8/3/1995	Original	0	3	NA	> 10	1148139.9	651318.5	Yes
BNSL43A	8/3/1995	Original	0	3	160	> 10	1148299.8	651524.9	Yes
BNSL43B	8/3/1995	Original	0	3	84	> 10	1148304.4	651535.4	Yes
BNSL44	8/3/1995	Original	0	3	NA	< 10	1148155.4	651617.1	No
BNSL45A	8/3/1995	Original	0	3	NA	< 10	1147990.2	650983.9	No
BNSL45B	8/3/1995	Original	0	3	NA	< 10	1147990.2	650993.9	No
BNSL46	9/14/1995	Original	0	3	NA	< 10	1148073.2	650876.1	No
BNSL47A	9/14/1995	Original	0	3	2.8	< 10	1148013.7	650781.3	No
BNSL47B	9/14/1995	Original	0	3	3.9	< 10	1148013.7	650771.4	No
BNSL47B	9/14/1995	Field duplicate	0	3	NA	< 10	1148013.7	650771.4	No
BNSL48	9/14/1995	Original	0	3	NA	< 10	1147951.6	650693.1	No

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
BNSL49	9/14/1995	Original	0	3	NA	< 10	1147903.7	650655.3	No
BNSL50A	9/14/1995	Original	0	3	NA	< 10	1147995.7	650631.5	No
BNSL50B	9/14/1995	Original	0	3	NA	< 10	1147995.7	650641.4	No
BNSL51	9/14/1995	Original	0	3	NA	< 10	1147895.7	650778.1	No
BNSL52A	9/14/1995	Original	0	3	NA	< 10	1147803.7	650790.0	No
BNSL52B	9/14/1995	Original	0	3	NA	< 10	1147804.6	650804.8	No
BNSL53	9/14/1995	Original	0	3	NA	< 10	1147918.5	650552.2	No
BNSL54A	9/14/1995	Original	0	3	NA	< 10	1147818.5	650430.4	No
BNSL54B	9/14/1995	Original	0	3	NA	< 10	1147818.6	650443.1	No
BNSL55	9/14/1995	Original	0	3	NA	< 10	1147809.6	650532.4	No
BNSL56A	9/14/1995	Original	0	3	NA	< 10	1147861.1	650687.0	No
BNSL56B	9/14/1995	Original	0	3	NA	< 10	1147861.1	650698.8	No
BNSL57	9/14/1995	Original	0	3	NA	< 10	1147727.0	650764.4	No
BNSL58A	9/14/1995	Original	0	3	NA	< 10	1147622.0	650732.7	No
BNSL58B	9/14/1995	Original	0	3	NA	< 10	1147622.0	650746.6	No
BNSL59	9/14/1995	Original	0	3	5	< 10	1147701.2	650700.5	No
BNSL60A	9/14/1995	Original	0	3	NA	< 10	1147669.6	650621.8	No
BNSL60B	9/14/1995	Original	0	3	NA	< 10	1147669.6	650635.6	No
BNSL61A	9/14/1995	Original	0	3	NA	< 10	1147562.6	650453.4	No
BNSL61B	9/14/1995	Original	0	3	NA	< 10	1147562.6	650465.3	No
BNSL62	9/14/1995	Original	0	3	NA	< 10	1147561.6	650564.3	No
BNSL62	9/14/1995	Field duplicate	0	3	NA	< 10	1147561.6	650564.3	No
BNSL63A	9/14/1995	Original	0	3	NA	< 10	1147478.5	650444.5	No
BNSL63B	9/14/1995	Original	0	3	NA	< 10	1147479.5	650457.3	No
BNSL64	9/14/1995	Original	0	3	NA	< 10	1147486.4	650676.3	No
BNSL65	9/14/1995	Original	0	3	NA	< 10	1147397.3	650547.5	No
BNSL66	9/14/1995	Original	0	3	9.2	< 10	1147774.0	650477.0	No
BNSL67	9/14/1995	Original	0	3	NA	< 10	1147933.4	650758.3	No
BNSL71	4/3/1996	Original	0	3	1.5	< 5	1147924.6	650808.4	No
BNSL72	4/3/1996	Original	0	3	1.2	< 5	1147945.7	650807.1	No
BNSL73	4/3/1996	Original	0	3	ND	< 5	1148065.8	650883.5	No
BNSL74	4/3/1996	Original	0	3	6.1	> 5	1148032.1	650795.9	No
BNSL75	4/3/1996	Original	0	3	9.9	> 5	1148016.3	650802.5	No
BNSL76	4/4/1996	Original	0	3	ND	< 5	1147474.8	650675.7	No
BNSL77	4/4/1996	Original	0	3	1.8	< 5	1147473.2	650640.2	No
BNSL78	4/4/1996	Original	0	3	ND	< 5	1147519.3	650496.5	No
BNSL78	4/4/1996	Field duplicate	0	3	ND	< 5	1147519.3	650496.5	No
BNSL79	4/4/1996	Original	0	3	3.7	< 5	1147521.9	650467.5	No

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
BNSL80	4/4/1996	Original	0	3	ND	< 5	1147466.6	650442.5	No
BNSL81	4/4/1996	Original	0	3	8	> 5	1147356.0	650473.2	No
BNSL82	4/4/1996	Original	0	3	4.1	< 5	1147273.0	650433.2	No
BNSL83	4/4/1996	Original	0	3	ND	< 5	1147314.9	650647.6	No
BNSL84	4/4/1996	Original	0	3	ND	< 5	1147318.1	650546.3	No
BNSL85	4/4/1996	Original	0	3	ND	< 5	1147371.8	650573.0	No
BNSL86	5/6/1996	Original	0	3	ND	< 5	1147381.8	650471.5	No
BNSL87	5/6/1996	Original	0	3	ND	< 5	1147331.0	650473.9	No
BNSL88	5/16/1996	Original	0	3	9.5	> 5	1147365.3	650477.8	No
BNSL88	5/16/1996	Original	6	9	6.6	> 5	1147365.3	650477.8	No
CA-06-2136-03	7/11/2006	Original	0	6	0.037	NA	1148271.0	651554.2	No
CA-06-2136-04	7/14/2006	Original	0	6	3.9	NA	1148171.3	651618.6	No
CASL01	4/27/1995	Original	0	3	NA	< 10	1147273.9	650474.6	No
CASL02	4/27/1995	Original	0	3	NA	< 10	1147342.6	650681.4	No
CASL03	4/27/1995	Original	0	3	NA	< 10	1147364.4	650867.1	Yes
CASL04	4/27/1995	Original	0	3	NA	< 10	1147562.3	650853.4	No
CASL05	4/27/1995	Original	0	3	NA	< 10	1147421.9	650959.6	Yes
CASL06	4/27/1995	Original	0	3	11	> 10	1147576.1	650984.6	Yes
CASL07	4/27/1995	Original	0	3	NA	> 10	1147753.5	651049.4	Yes
CTSL01	4/27/1995	Original	0	3	NA	< 10	1146800.9	650660.4	No
CTSL03	4/27/1995	Original	0	3	2.2	< 10	1146707.4	650651.9	No
CTSL04	4/27/1995	Original	0	3	NA	< 10	1146707.4	650527.7	No
CTSL04	4/27/1995	Field duplicate	0	3	NA	< 10	1146707.4	650527.7	No
CTSL05	4/27/1995	Original	0	3	NA	< 10	1146593.8	650656.1	No
CTSL06	4/27/1995	Original	0	3	14	> 10	1146594.5	650537.9	No
CTSL07	4/27/1995	Original	0	3	NA	< 10	1146414.6	650690.7	No
CTSL08	4/27/1995	Original	0	3	NA	< 10	1146413.8	650589.1	No
CTSL09	4/27/1995	Original	0	3	NA	> 10	1146590.1	650467.0	No
CTSL10	5/2/1995	Original	0	3	NA	> 10	1146534.3	650485.9	No
CTSL11	5/2/1995	Original	0	3	NA	< 10	1146628.7	650452.8	No
CTSL12	5/2/1995	Original	0	3	ND	< 10	1146679.9	650441.0	No
CTSL13	5/2/1995	Original	0	3	NA	< 10	1146601.9	650728.5	No
CTSL14	5/2/1995	Original	0	3	NA	< 10	1146708.2	650728.5	No
D11SED000	4/26/1995	Original	0	3	NA	< 10	1146401.5	651384.1	No
D11SED100	4/26/1995	Original	0	3	NA	< 10	1146461.3	651303.2	No
D11SED200	4/26/1995	Original	0	3	ND	< 10	1146514.3	651233.0	No
D11SED300	4/26/1995	Original	0	3	NA	< 10	1146541.6	651149.0	Yes
D11SED352	4/26/1995	Original	0	3	NA	< 10	1146526.1	651094.9	Yes

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
D1SED0000	3/11/1995	Original	0	2	NA	< 10	1147087.0	650433.3	Yes
D1SED0000	3/12/1995	Original	0	3	NA	< 10	1147087.0	650433.3	Yes
D1SED0000L10	3/12/1995	Original	0	3	NA	> 10	1147094.5	650426.6	Yes
D1SED0000L25	3/12/1995	Original	0	3	NA	< 10	1147105.0	650415.9	Yes
D1SED0000R10	3/12/1995	Original	0	3	NA	> 10	1147079.7	650440.3	Yes
D1SED0000R25	3/12/1995	Original	0	3	NA	> 10	1147068.9	650450.8	Yes
D1SED0000R50	3/12/1995	Original	0	3	NA	< 10	1147050.8	650468.2	Yes
D1SED0050	3/11/1995	Original	0	2	NA	> 10	1147123.2	650467.8	Yes
D1SED0100	3/11/1995	Original	0	2	32	> 10	1147158.3	650503.6	Yes
D1SED0100L10	3/12/1995	Original	0	3	NA	> 10	1147165.4	650496.6	Yes
D1SED0100L25	3/12/1995	Original	0	3	NA	> 10	1147176.3	650486.1	Yes
D1SED0100L50	3/12/1995	Original	0	3	ND	< 10	1147194.3	650468.7	Yes
D1SED0100R10	3/12/1995	Original	0	3	NA	< 10	1147151.6	650511.0	Yes
D1SED0100R50	3/12/1995	Original	0	3	NA	< 10	1147122.5	650538.6	Yes
D1SED0150	3/11/1995	Original	0	2	NA	> 10	1147195.6	650537.0	Yes
D1SED0200	3/11/1995	Original	0	2	NA	> 10	1147217.7	650581.8	Yes
D1SED0200L10	3/12/1995	Original	0	3	NA	> 10	1147227.7	650581.6	No
D1SED0200L20	3/12/1995	Original	0	3	NA	< 10	1147237.7	650581.5	No
D1SED0200R10	3/12/1995	Original	0	3	NA	> 10	1147207.7	650582.0	Yes
D1SED0200R25	3/12/1995	Original	0	3	ND	< 10	1147193.7	650582.1	Yes
D1SED0200R50	3/12/1995	Original	0	3	NA	< 10	1147167.7	650582.7	Yes
D1SED0250	3/11/1995	Original	0	3	NA	> 10	1147215.3	650631.9	Yes
D1SED0300	3/11/1995	Original	0	3	NA	> 10	1147215.6	650681.9	Yes
D1SED0300L10	3/12/1995	Original	0	3	NA	> 10	1147225.6	650681.7	No
D1SED0300R10	3/12/1995	Original	0	3	NA	> 10	1147205.6	650682.0	Yes
D1SED0300R25	3/12/1995	Original	0	3	NA	> 10	1147190.6	650682.7	Yes
D1SED0300R50	3/12/1995	Original	0	3	NA	< 10	1147165.6	650682.7	Yes
D1SED0350	3/11/1995	Original	0	3	NA	> 10	1147214.5	650731.9	Yes
D1SED0400	3/11/1995	Original	0	3	NA	> 10	1147216.6	650781.7	Yes
D1SED0400L10	3/12/1995	Original	0	3	NA	> 10	1147226.6	650781.1	No
D1SED0400R10	3/12/1995	Original	0	3	NA	> 10	1147206.6	650782.0	Yes
D1SED0400R25	3/12/1995	Original	0	3	NA	< 10	1147191.6	650783.0	Yes
D1SED0400R50	3/12/1995	Original	0	3	NA	< 10	1147166.4	650782.7	Yes
D1SED0450	3/11/1995	Original	0	3	NA	> 10	1147209.0	650832.0	Yes
D1SED0505	3/11/1995	Original	0	3	NA	> 10	1147210.6	650887.0	Yes
D1SED0505L50	3/12/1995	Original	0	3	160	> 10	1147249.1	650918.7	Yes
D1SED0505R10	3/12/1995	Original	0	3	NA	> 10	1147202.9	650880.5	Yes
D1SED0505R25	3/12/1995	Original	0	3	NA	> 10	1147191.3	650871.0	Yes

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
D1SED0505R50	3/12/1995	Original	0	3	NA	< 10	1147172.1	650854.8	Yes
D1SED0550	3/11/1995	Original	0	3	95	> 10	1147214.0	650931.9	Yes
D1SED0600	3/11/1995	Original	0	3	NA	> 10	1147212.7	650982.0	Yes
D1SED0600L10	3/12/1995	Original	0	3	NA	> 10	1147222.6	650981.6	Yes
D1SED0600L25	3/12/1995	Original	0	3	NA	> 10	1147237.6	650981.4	Yes
D1SED0600L50	3/12/1995	Original	0	3	NA	< 10	1147262.6	650980.9	Yes
D1SED0600R50	3/12/1995	Original	0	3	NA	> 10	1147162.6	650982.8	Yes
D1SED0650	3/11/1995	Original	0	3	NA	> 10	1147214.9	651026.5	Yes
D1SEDNE	3/17/1995	Original	0	3	ND	< 10	1147128.4	650655.8	Yes
D1SEDNW	3/17/1995	Original	0	3	ND	< 10	1147128.4	650486.1	Yes
D1SEDNW	3/17/1995	Field duplicate	0	3	ND	NA	1147128.4	650486.1	Yes
D1SEDSE	3/17/1995	Original	0	3	ND	< 10	1146972.8	650655.8	No
D1SEDSW	3/17/1995	Original	0	3	ND	< 10	1146978.0	650487.3	No
D1SEDUPGRAD	3/12/1995	Original	0	3	NA	> 10	1146964.4	650411.0	No
FC2-0041-A	5/3/2000	Original	0	3	0.48	NA	1147770.5	650682.5	No
FC2-0041-B	5/3/2000	Original	0	3	2.8	NA	1147696.9	650674.4	No
FC2-0041-C	5/3/2000	Original	0	3	3.0	NA	1147579.4	650670.3	No
FC2-0041-D	5/3/2000	Original	0	3	3.1	NA	1147558.6	650673.6	No
GASCOSL04	12/18/1996	Original	0	3	NA	< 5	1147966.8	650534.5	No
GASCOSL06	12/18/1996	Original	0	1	36	> 5	1148203.7	651264.3	Yes
GASCOSL07	12/18/1996	Original	0	3	57	> 5	1148214.1	651267.4	No
GASCOSL07	12/18/1996	Field duplicate	0	3	53	> 5	1148214.1	651267.4	No
GASCOSL13	12/18/1996	Original	0	3	NA	< 5	1146887.7	650714.6	No
GASCOSL14	12/18/1996	Original	0	3	3.7	> 5	1146882.8	650716.7	No
GASCOSL15	12/18/1996	Original	0	3	NA	< 5	1147799.2	650431.6	No
GASCOSL16	12/18/1996	Original	0	3	NA	< 5	1147265.3	650419.8	No
HA-40	5/2/2000	Original	0	6	4.8	NA	1146822.9	650577.0	No
HA-40	5/2/2000	Original	12	15	ND	NA	1146822.9	650577.0	No
HA-41	5/2/2000	Original	0	6	6.6	NA	1146822.9	650577.0	No
HA-41	5/2/2000	Original	12	15	ND	NA	1146822.9	650577.0	No
HA-43	5/2/2000	Original	0	6	6.5	NA	1146822.9	650577.0	No
HA-43	5/2/2000	Original	12	15	1.8	NA	1146822.9	650577.0	No
HA-44	5/2/2000	Original	0	6	22	NA	1146822.9	650577.0	No
HA-44	5/2/2000	Original	12	15	7.3	NA	1146822.9	650577.0	No
HA-45	5/2/2000	Original	0	6	ND	NA	1146822.9	650577.0	No
HA-45	5/2/2000	Original	12	15	ND	NA	1146822.9	650577.0	No
HA-46	5/2/2000	Original	0	6	12	NA	1146822.9	650577.0	No
HA-46	5/2/2000	Original	12	15	ND	NA	1146822.9	650577.0	No

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
HA-47	5/2/2000	Original	0	6	ND	NA	1146822.9	650577.0	No
HA-47	5/2/2000	Original	12	15	ND	NA	1146822.9	650577.0	No
HA-48	5/2/2000	Original	0	6	4.0	NA	1146822.9	650577.0	No
HA-48	5/2/2000	Original	12	15	ND	NA	1146822.9	650577.0	No
HP-1	8/18/1999	Original	0	6	0.45	NA	1148064.9	650880.3	No
HP-2	8/18/1999	Original	0	6	0.3	NA	1148051.9	650886.2	No
HP-3	8/18/1999	Original	0	6	0.55	NA	11487950.8	650806.1	No
HP-4	8/18/1999	Original	0	6	0.42	NA	1147928.6	650814.4	No
HP-5	8/18/1999	Original	0	6	0.77	NA	1147920.8	650803.3	No
KNOLL1	3/16/1995	Original	0	3	5.2	> 10	1146205.9	650804.2	Yes
KNOLL2	3/16/1995	Original	0	3	NA	< 10	1146190.9	650712.6	Yes
KNSL01	5/2/1995	Original	0	3	NA	< 10	1146190.1	650702.3	Yes
KNSL02	5/2/1995	Original	0	3	28	> 10	1146120.8	650734.1	Yes
KNSL03	5/2/1995	Original	0	3	NA	> 10	1146152.5	650814.0	Yes
KNSL03	5/2/1995	Original	8	11	ND	< 10	1146152.5	650814.0	Yes
KNSL04	5/2/1995	Original	0	3	NA	> 10	1146234.4	650759.2	Yes
KNSL04	5/2/1995	Original	6	9	NA	< 10	1146234.4	650759.2	Yes
KNSL05	5/2/1995	Original	0	3	NA	< 10	1146295.0	650754.5	Yes
KNSL06	5/2/1995	Original	0	3	NA	< 10	1146343.0	650742.7	No
KNSL07	5/2/1995	Original	0	3	2.7	< 10	1146332.8	650667.9	No
KNSL08	5/2/1995	Original	0	3	NA	> 10	1146276.9	650671.0	Yes
KNSL08	5/2/1995	Original	24	27	NA	< 10	1146276.9	650671.0	Yes
KNSL08	5/2/1995	Original	48	54	NA	< 10	1146276.9	650671.0	Yes
KNSL09	5/2/1995	Original	0	3	NA	> 10	1146097.3	650660.7	Yes
KNSL09	5/2/1995	Original	12	15	22	> 10	1146097.3	650660.7	Yes
KNSL09	5/2/1995	Field duplicate	12	15	26	> 10	1146097.3	650660.7	Yes
KNSL09	5/2/1995	Original	16	18	NA	> 10	1146097.3	650660.7	Yes
KNSL09	5/2/1995	Original	21	24	NA	< 10	1146097.3	650660.7	Yes
KNSL10	5/2/1995	Original	0	3	NA	> 10	1146168.9	650635.4	Yes
KNSL11	5/2/1995	Original	0	3	NA	< 10	1146247.7	650602.5	Yes
KNSL11	5/2/1995	Field duplicate	0	3	NA	< 10	1146247.7	650602.5	Yes
KNSL12	5/2/1995	Original	0	3	NA	< 10	1146323.3	650592.3	No
KNSL13	5/2/1995	Original	0	3	NA	< 10	1146394.9	650575.7	No
MH-1 (0-6")	1/5/1998	Original	0	6	16	NA	1146623.1	651104.8	Yes
MH-1 (12-15")	1/5/1998	Original	12	15	1.3	NA	1146623.1	651104.8	Yes
MH-10 (0-5")	1/5/1998	Original	0	5	2.1	NA	1146648.8	651104.4	Yes
MH-11 (0-6")	1/5/1998	Original	0	6	0.78	NA	1146632.0	651071.3	Yes
MH-12 (0-6")	1/5/1998	Original	0	6	0.53	NA	1146636.9	651050.6	Yes

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
MH-13 (0-6")	1/5/1998	Original	0	6	0.64	NA	1146642.2	651031.1	Yes
MH-14 (0-6")	1/5/1998	Original	0	6	4.9	NA	1146648.7	651008.0	Yes
MH-15 (0-6")	1/5/1998	Original	0	6	1.3	NA	1146662.2	650988.0	Yes
MH-16 (0-6")	1/5/1998	Original	0	6	1.4	NA	1146675.4	650979.8	Yes
MH-17 (0-6")	1/5/1998	Original	0	6	1.7	NA	1146701.6	650976.6	Yes
MH-18 (0-4")	1/5/1998	Original	0	4	0.62	NA	1146668.4	651103.1	Yes
MH-18 (12-15")	1/5/1998	Original	12	15	5.4	NA	1146668.4	651103.1	Yes
MH-18 (24-27")	1/5/1998	Original	24	27	0.48	NA	1146668.4	651103.1	Yes
MH-19 (0-5")	1/5/1998	Original	0	5	1.1	NA	1146682.3	651102.5	Yes
MH-19 (12-15")	1/5/1998	Original	12	15	ND	NA	1146682.3	651102.5	Yes
MH-2 (0-6")	1/5/1998	Original	0	6	18	NA	1146613.9	651070.8	No
MH-20 (0-6")	1/5/1998	Original	0	6	2.3	NA	1146658.0	651071.7	Yes
MH-20 (12-15")	1/5/1998	Original	12	15	16	NA	1146658.0	651071.7	Yes
MH-20 (24-27")	1/5/1998	Original	24	27	ND	NA	1146658.0	651071.7	Yes
MH-21 (0-6")	1/5/1998	Original	0	6	0.48	NA	1146684.2	651072.2	Yes
MH-21 (12-15")	1/5/1998	Original	12	15	ND	NA	1146684.2	651072.2	Yes
MH-22 (0-6")	1/5/1998	Original	0	6	0.84	NA	1146655.2	651055.6	Yes
MH-22 (0-6") dup	1/5/1998	Field duplicate	0	6	0.83	NA	1146655.2	651055.6	Yes
MH-22 (12-15")	1/5/1998	Original	12	15	0.44	NA	1146655.2	651055.6	Yes
MH-23 (0-6")	1/5/1998	Original	0	6	0.45	NA	1146671.8	651055.7	Yes
MH-23 (12-15")	1/5/1998	Original	12	15	ND	NA	1146671.8	651055.7	Yes
MH-24 (0-6")	1/5/1998	Original	0	6	0.81	NA	1146686.0	651056.6	Yes
MH-24 (12-15")	1/5/1998	Original	12	15	ND	NA	1146686.0	651056.6	Yes
MH-25 (0-6")	1/6/1998	Original	0	6	0.36	NA	1146721.8	651059.3	Yes
MH-25 (9-12")	1/6/1998	Original	9	12	ND	NA	1146721.8	651059.3	Yes
MH-26 (0-6")	1/6/1998	Original	0	6	0.17	NA	1146669.8	651029.5	Yes
MH-26 (12-15")	1/6/1998	Original	12	15	0.70	NA	1146669.8	651029.5	Yes
MH-27 (0-6")	1/6/1998	Original	0	6	1.6	NA	1146686.5	651030.8	Yes
MH-27 (12-15")	1/6/1998	Original	12	15	2.8	NA	1146686.5	651030.8	Yes
MH-27 (24-27")	1/6/1998	Original	24	27	ND	NA	1146686.5	651030.8	Yes
MH-28 (0-6")	1/6/1998	Original	0	6	0.16	NA	1146700.9	651030.6	Yes
MH-28 (12-15")	1/6/1998	Original	12	15	ND	NA	1146700.9	651030.6	Yes
MH-29 (0-6")	1/6/1998	Original	0	6	ND	NA	1146721.8	651038.2	Yes
MH-29 (12-15")	1/6/1998	Original	12	15	ND	NA	1146721.8	651038.2	Yes
MH-3 (0-6")	1/5/1998	Original	0	6	0.81	NA	1146620.4	651048.8	No
MH-3 (12-15")	1/5/1998	Original	12	15	0.28	NA	1146620.4	651048.8	No
MH-30 (0-6")	1/6/1998	Original	0	6	0.67	NA	1146663.7	651007.1	Yes
MH-30 (12-15")	1/6/1998	Original	12	15	0.79	NA	1146663.7	651007.1	Yes

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
MH-31 (0-6")	1/6/1998	Original	0	6	0.32	NA	1146684.6	651011.9	Yes
MH-31 (12-15")	1/6/1998	Original	12	15	40	NA	1146684.6	651011.9	Yes
MH-31 (12-15") reanalysis	1/6/1998	Original	12	15	11	NA	1146684.6	651011.9	Yes
MH-31 (22-25")	1/6/1998	Original	22	25	0.58	NA	1146684.6	651011.9	Yes
MH-32 (0-6")	1/6/1998	Original	0	6	1.7	NA	1146726.0	651016.6	Yes
MH-32 (0-6") dup	1/6/1998	Field duplicate	0	6	1.6	NA	1146726.0	651016.6	Yes
MH-32 (9-12")	1/6/1998	Original	9	12	ND	NA	1146726.0	651016.6	Yes
MH-33 (0-6")	1/6/1998	Original	0	6	1.9	NA	1146685.5	650992.2	Yes
MH-33 (12-15")	1/6/1998	Original	12	15	1.1	NA	1146685.5	650992.2	Yes
MH-33 (24-27")	1/6/1998	Original	24	27	0.26	NA	1146685.5	650992.2	Yes
MH-34 (0-6")	1/6/1998	Original	0	6	0.96	NA	1146747.5	650962.8	Yes
MH-34 (12-15")	1/6/1998	Original	12	15	1.5	NA	1146747.5	650962.8	Yes
MH-34 (24-27")	1/6/1998	Original	24	27	0.14	NA	1146747.5	650962.8	Yes
MH-35 (0-6")	1/6/1998	Original	0	6	0.2	NA	1146824.9	650958.4	Yes
MH-35 (12-15")	1/6/1998	Original	12	15	0.33	NA	1146824.9	650958.4	Yes
MH-36 (0-6")	1/6/1998	Original	0	6	0.17	NA	1146871.3	650958.7	Yes
MH-36 (12-15")	1/6/1998	Original	12	15	0.098	NA	1146871.3	650958.7	Yes
MH-37 (0-6")	1/6/1998	Original	0	6	0.31	NA	1146872.6	650983.5	Yes
MH-37 (9-12")	1/6/1998	Original	9	12	0.32	NA	1146872.6	650983.5	Yes
MH-38 (0-6")	1/6/1998	Original	0	6	ND	NA	1146878.1	651069.0	Yes
MH-38 (12-15")	1/6/1998	Original	12	15	ND	NA	1146878.1	651069.0	Yes
MH-39 (0-6")	1/6/1998	Original	0	6	ND	NA	1146835.9	651106.7	Yes
MH-39 (0-6") dup	1/6/1998	Field duplicate	0	6	ND	NA	1146835.9	651106.7	Yes
MH-39 (12-15")	1/6/1998	Original	12	15	ND	NA	1146835.9	651106.7	Yes
MH-4 (0-6")	1/5/1998	Original	0	6	3.8	NA	1146629.1	651027.7	Yes
MH-4 (12-15")	1/5/1998	Original	12	15	ND	NA	1146629.1	651027.7	Yes
MH-5 (0-6")	1/5/1998	Original	0	6	5.6	NA	1146633.7	651000.5	Yes
MH-6 (0-6")	1/5/1998	Original	0	6	3.9	NA	1146634.1	650987.6	Yes
MH-6 (0-6") dup	1/5/1998	Field duplicate	0	6	1.2	NA	1146634.1	650987.6	Yes
MH-7 (0-6")	1/5/1998	Original	0	6	6200	NA	1146652.9	650977.2	Yes
MH-8 (0-4")	1/5/1998	Original	0	4	2200	NA	1146668.6	650966.5	Yes
MH-9 (0-6")	1/5/1998	Original	0	6	1800	NA	1146692.7	650960.2	Yes
OFSL01	5/1/1995	Original	0	3	NA	< 10	1147165.9	651307.7	No
OFSL02	5/1/1995	Original	0	3	NA	< 10	1147076.2	651307.7	No
OFSL03	5/1/1995	Original	0	3	NA	< 10	1146877.3	651307.1	No
OFSL04	5/1/1995	Original	0	3	NA	< 10	1146674.4	651310.3	No
OFSL05	5/1/1995	Original	0	3	NA	< 10	1146528.7	651308.7	No
OFSL06	5/1/1995	Original	0	3	NA	< 10	1146525.5	651511.7	No

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
OFSL07	5/1/1995	Original	0	3	NA	< 10	1146675.9	651509.8	No
OFSL08	5/1/1995	Original	0	3	1.7	< 10	1146877.3	651509.8	No
OFSL09	5/1/1995	Original	0	3	NA	< 10	1147076.8	651397.4	No
OFSL09	5/1/1995	Field duplicate	0	3	NA	< 10	1147076.8	651397.4	No
OFSL10	5/1/1995	Original	0	3	NA	< 10	1146804.8	651665.9	No
OFSL11	5/1/1995	Original	0	3	NA	< 10	1146679.2	651659.4	No
OFSL12	5/1/1995	Original	0	3	NA	< 10	1146527.4	651660.0	No
OFSL13	5/2/1995	Original	0	3	NA	< 10	1147077.3	651513.6	No
OFSL14	4/25/1996	Original	0	3	ND	NA	1146615.0	651695.0	No
OFSL15	4/25/1996	Original	0	3	ND	NA	1146750.0	651640.0	No
OFSL16	4/25/1996	Original	0	3	ND	NA	1146895.0	651585.0	No
OFSL17	4/25/1996	Original	0	3	ND	NA	1147025.3	651530.4	No
OFSL18	4/25/1996	Original	0	3	ND	NA	1147205.0	651300.0	No
OFSL19	4/25/1996	Original	0	3	ND	NA	1147115.0	651335.0	No
OFSL20	4/25/1996	Original	0	3	ND	NA	1146975.0	651385.0	No
OFSL21	4/25/1996	Original	0	3	ND	NA	1146830.0	651450.0	No
OFSL22	4/25/1996	Original	0	3	ND	NA	1146695.6	651499.7	No
OFSL22	4/25/1996	Field duplicate	0	3	ND	NA	1146695.6	651499.7	No
OFSL23	4/25/1996	Original	0	3	ND	NA	1146560.0	651560.0	No
OFSL24	4/25/1996	Original	0	3	ND	NA	1146500.0	651426.0	No
OFSL25	4/25/1996	Original	0	3	ND	NA	1146640.0	651365.0	No
OFSL26	4/25/1996	Original	0	3	ND	NA	1146777.4	651307.7	No
OFSL27	4/25/1996	Original	0	3	ND	NA	1146925.0	651250.0	No
OFSL28	4/25/1996	Original	0	3	ND	NA	1147060.0	651195.0	No
OFSL29	4/25/1996	Original	0	3	ND	NA	1146866.1	651112.2	Yes
OFSL30	4/25/1996	Original	0	3	ND	NA	1146725.0	651165.0	No
OFSL31	4/25/1996	Original	0	3	ND	NA	1146590.0	651225.0	No
OFSL32	7/23/1996	Original	3	6	NA	< 10	1146990.1	651199.3	No
OFSL33	7/23/1996	Original	3	6	NA	< 10	1147064.6	651203.6	No
OFSL34	7/23/1996	Original	3	6	NA	< 10	1147109.8	651246.0	No
OFSL35	7/23/1996	Original	3	6	NA	< 10	1147156.2	651286.8	No
OFSL36	7/23/1996	Original	3	6	NA	< 10	1147124.3	651388.6	No
OFSL37	7/23/1996	Original	3	6	NA	< 10	1147092.5	651142.2	No
OFSL38	7/23/1996	Original	3	6	NA	< 10	1147123.2	651176.2	No
OFSL39	7/23/1996	Original	3	6	NA	< 10	1147173.0	651231.7	No
OFSL40	7/23/1996	Original	3	6	NA	< 10	1147173.2	651118.1	Yes
OFSL40	7/23/1996	Field duplicate	3	6	NA	< 10	1147173.2	651118.1	Yes
PA-087-A	2/16/2000	Original	0	3	1.8	NA	1147805.7	650597.6	No

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
PA-087-B	2/16/2000	Original	0	3	1.4	NA	1147897.1	650587.7	No
PA-126-A	2/17/2000	Original	0	3	11	NA	1148310.8	651533.2	No
PA-126-B	2/17/2000	Original	0	3	16	NA	1148147.3	651366.6	No
PC-023-A	4/27/2000	Original	0	3	2.1	NA	1147700.5	651061.5	No
PC-023-B	4/27/2000	Original	0	3	7.3	NA	1147740.5	651019.5	No
PC-024-A	4/27/2000	Original	0	3	6.6	NA	1147666.9	651075.4	No
PC-024-B	4/27/2000	Original	0	3	2.2	NA	1147671.5	651008.1	No
SED0005L50	3/16/1995	Original	0	6	NA	< 10	1146173.8	650905.2	No
SED0010	3/9/1995	Original	0	3	1300	> 10	1146188.8	650928.1	Yes
SED0010L10	3/9/1995	Original	0	2	NA	< 10	1146184.8	650918.9	Yes
SED0010L25	3/10/1995	Original	0	3	ND	NA	1146178.8	650905.2	No
SED0010L25	3/15/1996	Original	0	3	NA	< 10	1146178.8	650905.2	No
SED0010L25	3/15/1996	Original	3	6	NA	> 10	1146178.8	650905.2	No
SED0010L50	3/10/1995	Original	0	3	46	NA	1146168.9	650882.2	No
SED0010L50	3/16/1995	Original	1	7	NA	> 10	1146168.9	650882.2	No
SED0010L50	3/16/1995	Field duplicate	1	7	NA	> 10	1146168.9	650882.2	No
SED0010L50	3/16/1995	Original	7	11	1.2	< 10	1146168.9	650882.2	No
SED0010L75	3/16/1995	Original	0	3	NA	< 10	1146158.9	650859.3	Yes
SED0010R10	3/9/1995	Original	0	2	NA	> 10	1146192.8	650937.3	Yes
SED0010R20	3/9/1995	Original	0	2	NA	> 10	1146196.7	650946.5	Yes
SED0010R25	3/10/1995	Original	0	3	46	NA	1146198.7	650951.0	No
SED0010R25	3/15/1996	Original	0	3	NA	> 10	1146198.7	650951.0	No
SED0010R25	3/15/1996	Original	3	6	NA	> 10	1146198.7	650951.0	No
SED0010R25	3/15/1995	Original	6	12	95	> 10	1146198.7	650951.0	No
SED0010R50	3/10/1995	Original	0	3	72	> 10	1146208.7	650974.0	No
SED0010R50	3/10/1995	Field duplicate	0	3	72	NA	1146208.7	650974.0	No
SED0035	3/9/1995	Original	0	3	NA	> 10	1146213.1	650928.6	Yes
SED0050	3/9/1995	Original	0	3	NA	> 10	1146229.5	650931.9	Yes
SED0050L10	3/9/1995	Original	0	2	NA	> 10	1146231.3	650922.1	Yes
SED0050L20	3/9/1995	Original	0	3	NA	> 10	1146233.2	650912.2	Yes
SED0050L50	3/11/1995	Original	0	3	NA	< 10	1146238.7	650882.7	Yes
SED0050L75	3/16/1995	Original	0	3	2.5	< 10	1146243.2	650858.2	Yes
SED0050R10	3/9/1995	Original	0	2	NA	< 10	1146227.7	650941.7	No
SED0050R100	3/17/1995	Original	0	3	NA	> 10	1146211.2	651030.2	No
SED0050R25	3/11/1995	Original	0	3	NA	> 10	1146224.9	650956.5	No
SED0050R50	3/11/1995	Original	0	3	NA	> 10	1146220.3	650981.0	No
SED0050R50	3/11/1995	Field duplicate	0	3	NA	> 10	1146220.3	650981.0	No
SED0050R75	3/16/1995	Original	0	3	NA	> 10	1146215.8	651005.8	No

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
SED0075	3/9/1995	Original	0	3	NA	< 10	1146253.5	650941.4	Yes
SED0097	3/9/1995	Original	0	3	NA	< 10	1146275.5	650950.1	No
SED0100L10	3/12/1995	Original	0	3	NA	< 10	1146277.3	650940.3	Yes
SED0100L25	3/11/1995	Original	0	3	NA	< 10	1146280.2	650928.0	Yes
SED0100L75	4/25/1995	Original	0	3	NA	< 10	1146289.6	650876.2	Yes
SED0100R100	3/17/1995	Original	0	3	NA	> 10	1146257.1	651048.4	No
SED0100R150	4/25/1995	Original	0	3	NA	> 10	1146247.9	651097.5	No
SED0100R25	3/11/1995	Original	0	3	NA	> 10	1146270.9	650974.7	No
SED0100R50	3/12/1995	Original	0	3	NA	< 10	1146266.3	650999.3	No
SED0100R75	3/17/1995	Original	0	3	NA	> 10	1146261.7	651023.8	No
SED0100R75	5/4/1995	Original	12	15	NA	< 10	1146261.7	651023.8	No
SED0150	3/9/1995	Original	0	3	NA	< 10	1146323.1	650967.9	No
SED0197	3/9/1995	Original	0	3	ND	< 10	1146368.4	650984.9	Yes
SED0200L100	3/17/1995	Original	0	3	NA	< 10	1146400.0	650890.6	Yes
SED0200L150	4/25/1995	Original	0	3	NA	< 10	1146413.7	650842.9	No
SED0200L25	3/10/1995	Original	0	3	22	> 10	1146375.9	650960.8	Yes
SED0200L25	3/10/1995	Field duplicate	0	3	38	NA	1146375.9	650960.8	Yes
SED0200L50	3/10/1995	Original	0	3	130	NA	1146383.4	650937.3	Yes
SED0200L50	3/11/1995	Original	0	3	NA	< 10	1146383.4	650937.3	Yes
SED0200L50	3/16/1995	Original	0	3	NA	> 10	1146383.4	650937.3	Yes
SED0200L75	3/16/1995	Original	0	3	NA	> 10	1146391.0	650913.7	Yes
SED0200L75	5/4/1995	Original	12	15	4.7	> 10	1146391.0	650913.7	Yes
SED0200R10	3/11/1995	Original	0	3	NA	< 10	1146365.3	650993.9	Yes
SED0200R125	4/25/1995	Original	0	3	NA	> 10	1146330.6	651102.3	No
SED0200R165	4/26/1995	Original	0	3	NA	> 10	1146317.6	651139.8	No
SED0200R165	5/4/1995	Original	7	10	NA	< 10	1146317.6	651139.8	No
SED0200R165	5/4/1995	Field duplicate	7	10	NA	< 10	1146317.6	651139.8	No
SED0200R25	3/10/1995	Original	0	3	ND	< 10	1146360.8	651008.0	Yes
SED0200R50	3/10/1995	Original	0	3	2.3	NA	1146353.1	651031.5	No
SED0200R75	4/25/1995	Original	0	3	NA	> 10	1146345.7	651055.2	No
SED0200R75	5/4/1995	Original	12	15	NA	< 10	1146345.7	651055.2	No
SED0225	3/9/1995	Original	0	3	NA	> 10	1146394.6	650989.7	Yes
SED0250	3/9/1995	Original	0	3	NA	> 10	1146418.7	650996.5	No
SED0250L10	3/9/1995	Original	0	3	NA	> 10	1146421.0	650986.8	No
SED0250L100	4/25/1995	Original	0	3	NA	> 10	1146442.4	650899.3	No
SED0250L150	4/25/1995	Original	0	3	NA	< 10	1146454.2	650850.7	No
SED0250R10	3/9/1995	Original	0	3	NA	> 10	1146416.3	651006.2	Yes
SED0280	3/9/1995	Original	0	3	NA	> 10	1146451.5	651009.3	Yes

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
SED0300	3/9/1995	Original	0	3	NA	> 10	1146468.2	651024.5	Yes
SED0300L10	3/9/1995	Original	0	3	NA	> 10	1146473.7	651016.3	Yes
SED0300L25	3/11/1995	Original	0	3	NA	> 10	1146482.3	651004.0	Yes
SED0300L25	5/3/1995	Original	6	9	NA	< 10	1146482.3	651004.0	Yes
SED0300L50	3/11/1995	Original	0	3	NA	> 10	1146496.5	650983.5	No
SED0300L75	3/16/1995	Original	0	3	NA	> 10	1146510.8	650962.9	No
SED0300L75	5/3/1995	Original	12	15	NA	< 10	1146510.8	650962.9	No
SED0300R10	3/9/1995	Original	0	3	NA	> 10	1146462.3	651032.7	Yes
SED0300R100	3/17/1995	Original	0	3	NA	< 10	1146410.9	651106.6	Yes
SED0300R25	3/11/1995	Original	0	3	NA	> 10	1146453.7	651045.0	Yes
SED0300R50	3/11/1995	Original	0	3	NA	> 10	1146439.5	651065.6	Yes
SED0300R75	3/16/1995	Original	0	3	NA	> 10	1146425.2	651086.1	Yes
SED0300R75	5/3/1995	Original	13	16	NA	< 10	1146425.2	651086.1	Yes
SED0325	3/9/1995	Original	0	3	NA	> 10	1146478.8	651043.5	Yes
SED0350	3/9/1995	Original	0	3	NA	> 10	1146499.0	651058.9	Yes
SED0350L25	5/3/1995	Original	0	3	NA	> 10	1146506.1	651034.9	Yes
SED0350R125	4/26/1995	Original	0	3	14	> 10	1146463.9	651178.9	No
SED0350R125	5/3/1995	Original	9	12	NA	< 10	1146463.9	651178.9	No
SED0350R125	5/3/1995	Original	20	23	NA	< 10	1146463.9	651178.9	No
SED0350R175	4/26/1995	Original	0	3	NA	< 10	1146449.8	651226.8	Yes
SED0350R225	4/26/1995	Original	0	3	NA	> 10	1146435.7	651274.8	No
SED0350R25	4/25/1995	Original	0	3	NA	> 10	1146492.0	651082.9	Yes
SED0350R50	4/25/1995	Original	0	3	NA	> 10	1146485.0	651106.9	Yes
SED0350R50	4/25/1995	Field duplicate	0	3	NA	> 10	1146485.0	651106.9	Yes
SED0350R50	5/3/1995	Original	13	16	NA	< 10	1146485.0	651106.9	Yes
SED0350R75	4/25/1995	Original	0	3	NA	> 10	1146477.9	651130.9	Yes
SED0350R75	5/3/1995	Original	13	16	NA	< 10	1146477.9	651130.9	Yes
SED0370L10	5/11/1995	Original	0	3	210	NA	1146508.0	651052.0	Yes
SED0370L10	5/11/1995	Original	12	15	31	NA	1146508.0	651052.0	Yes
SED0370L10	5/11/1995	Field duplicate	12	15	ND	NA	1146508.0	651052.0	Yes
SED0370R10	5/11/1995	Original	0	3	1.8	NA	1146514.0	651066.0	Yes
SED0370R10	5/11/1995	Original	12	15	11000	NA	1146514.0	651066.0	Yes
SED0380L15	5/11/1995	Original	0	3	99	NA	1146514.0	651050.0	Yes
SED0380L15	5/11/1995	Field duplicate	0	3	190	NA	1146514.0	651050.0	Yes
SED0380L15	5/11/1995	Original	12	15	ND	NA	1146514.0	651050.0	Yes
SED0380L5	5/11/1995	Original	0	3	1600	NA	1146518.0	651059.0	Yes
SED0380L5	5/11/1995	Original	12	15	79000	NA	1146518.0	651059.0	Yes
SED0380R15	5/11/1995	Original	0	3	7	NA	1146527.0	651077.0	Yes

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
SED0380R15	5/11/1995	Original	12	15	ND	NA	1146527.0	651077.0	Yes
SED0380R5	5/11/1995	Original	0	3	3.3	NA	1146523.0	651067.0	Yes
SED0380R5	5/11/1995	Original	12	15	26	NA	1146523.0	651067.0	Yes
SED0390L10	5/11/1995	Original	0	3	3300	NA	1146526.0	651053.0	Yes
SED0390L10	5/11/1995	Original	12	15	590	NA	1146526.0	651053.0	Yes
SED0390L20	5/11/1995	Original	0	3	70	NA	1146521.0	651044.0	Yes
SED0390L20	5/11/1995	Original	12	15	ND	NA	1146521.0	651044.0	Yes
SED0390R10	5/11/1995	Original	0	3	11	NA	1146534.0	651071.0	Yes
SED0390R10	5/11/1995	Original	12	15	ND	NA	1146534.0	651071.0	Yes
SED0390R20	5/11/1995	Original	0	3	3.8	NA	1146539.0	651080.0	Yes
SED0390R20	5/11/1995	Original	12	15	ND	NA	1146539.0	651080.0	Yes
SED0400	3/9/1995	Original	0	3	200000	> 10	1146540.1	651059.6	Yes
SED0400	3/15/1995	Original	0	3	60000	NA	1146540.1	651059.6	Yes
SED0400	4/24/1995	Original	0	3	41000	> 10	1146540.1	651059.6	Yes
SED0400L10	5/4/1995	Original	9	12	NA	< 10	1146536.4	651050.5	Yes
SED0400L10	5/4/1995	Original	21	24	NA	< 10	1146536.4	651050.5	Yes
SED0400L15	5/11/1995	Original	0	3	83	NA	1146534.0	651046.0	Yes
SED0400L15	5/11/1995	Original	12	15	2.2	NA	1146534.0	651046.0	Yes
SED0400L25	3/10/1995	Original	0	3	1200	> 10	1146531.8	651036.2	Yes
SED0400L25	3/15/1996	Original	0	3	NA	> 10	1146531.8	651036.2	Yes
SED0400L25	3/15/1996	Original	3	6	NA	> 10	1146531.8	651036.2	Yes
SED0400L25	5/3/1995	Original	21	24	7	> 10	1146531.8	651036.2	Yes
SED0400L5	5/11/1995	Original	0	3	550	NA	1146537.0	651056.0	Yes
SED0400L5	5/11/1995	Original	12	15	22000	NA	1146537.0	651056.0	Yes
SED0400L50	3/10/1995	Original	0	3	22	NA	1146513.1	651002.8	Yes
SED0400L50	3/11/1995	Original	0	3	NA	> 10	1146513.1	651002.8	Yes
SED0400L50	3/16/1995	Original	3	6	NA	> 10	1146513.1	651002.8	Yes
SED0400L50	3/16/1995	Original	3	14	NA	< 10	1146513.1	651002.8	Yes
SED0400L50	3/16/1995	Original	6	12	NA	< 10	1146513.1	651002.8	Yes
SED0400L50	3/16/1995	Original	14	18	NA	< 10	1146513.1	651002.8	Yes
SED0400R10	5/4/1995	Original	10	13	1.2	< 10	1146542.6	651069.5	Yes
SED0400R100	3/17/1995	Original	0	3	NA	< 10	1146570.3	651155.1	No
SED0400R100	3/17/1995	Field duplicate	0	3	NA	< 10	1146570.3	651155.1	No
SED0400R15	5/11/1995	Original	0	3	64	NA	1146544.0	651074.0	Yes
SED0400R15	5/11/1995	Original	12	15	ND	NA	1146544.0	651074.0	Yes
SED0400R150	4/25/1995	Original	0	3	NA	< 10	1146585.7	651202.7	No
SED0400R25	3/10/1995	Original	0	3	63	> 10	1146547.2	651083.8	Yes
SED0400R25	3/10/1995	Field duplicate	0	3	NA	> 10	1146547.2	651083.8	Yes

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
SED0400R25	3/15/1996	Original	3	11	NA	> 10	1146547.2	651083.8	Yes
SED0400R25	3/15/1995	Original	11	16	18	< 10	1146547.2	651083.8	Yes
SED0400R5	5/11/1995	Original	0	3	330	NA	1146541.0	651065.0	Yes
SED0400R5	5/11/1995	Original	12	15	60000	NA	1146541.0	651065.0	Yes
SED0400R50	3/10/1995	Original	0	3	37	NA	1146554.9	651107.5	Yes
SED0400R50	3/11/1995	Original	0	3	NA	> 10	1146554.9	651107.5	Yes
SED0400R50	3/16/1995	Original	2	6	NA	< 10	1146554.9	651107.5	Yes
SED0400R50	3/16/1995	Original	6	10	NA	< 10	1146554.9	651107.5	Yes
SED0400R75	3/16/1995	Original	0	3	14	> 10	1146562.6	651131.3	Yes
SED0400R75	3/16/1995	Field duplicate	0	3	NA	> 10	1146562.6	651131.3	Yes
SED0410L10	5/11/1995	Original	0	3	140	NA	1146545.0	651046.0	Yes
SED0410L10	5/11/1995	Original	12	15	49000	NA	1146545.0	651046.0	Yes
SED0410R10	5/11/1995	Original	0	3	46	NA	1146552.0	651065.0	Yes
SED0410R10	5/11/1995	Original	12	15	46	NA	1146552.0	651065.0	Yes
SED0420L5	5/11/1995	Original	0	3	390	NA	1146556.0	651046.0	Yes
SED0420L5	5/11/1995	Original	12	15	24000	NA	1146556.0	651046.0	Yes
SED0420R5	5/11/1995	Original	0	3	33	NA	1146559.0	651056.0	Yes
SED0420R5	5/11/1995	Original	12	15	25000	NA	1146559.0	651056.0	Yes
SED0450	3/9/1995	Original	0	3	NA	> 10	1146586.6	651036.8	Yes
SED0500	3/9/1995	Original	0	2	NA	> 10	1146621.1	650998.0	Yes
SED0500L100	3/17/1995	Original	0	3	4.8	< 10	1146578.9	650907.2	Yes
SED0500L125	4/25/1995	Original	0	3	NA	< 10	1146568.5	650884.5	Yes
SED0500L25	3/11/1995	Original	0	3	NA	> 10	1146610.3	650975.3	Yes
SED0500L50	3/11/1995	Original	0	3	NA	> 10	1146599.9	650952.6	Yes
SED0500L75	3/16/1995	Original	0	3	NA	> 10	1146589.4	650929.9	Yes
SED0500L80	5/4/1995	Original	6	10	NA	< 10	1146586.4	650924.9	Yes
SED0500R10	3/11/1995	Original	0	3	NA	> 10	1146625.0	651007.1	Yes
SED0500R25	3/11/1995	Original	0	3	NA	< 10	1146635.5	651030.3	Yes
SED0500R50	3/16/1995	Original	0	3	NA	< 10	1146641.8	651043.4	Yes
SED0525	3/9/1995	Original	0	3	NA	> 10	1146639.4	650978.6	Yes
SED0525R25	3/11/1995	Original	0	3	NA	< 10	1146651.4	651000.5	Yes
SED0550	3/9/1995	Original	0	3	NA	> 10	1146662.8	650967.2	Yes
SED0600	3/9/1995	Original	0	3	NA	> 10	1146715.0	650953.6	Yes
SED0600	3/10/1995	Original	0	3	1500	NA	1146715.0	650953.6	Yes
SED0600	3/10/1995	Field duplicate	0	3	3800	NA	1146715.0	650953.6	Yes
SED0600L10	3/11/1995	Original	0	3	NA	> 10	1146714.3	650942.9	Yes
SED0600L25	3/10/1995	Original	0	3	9.6	< 10	1146713.7	650929.0	Yes
SED0600L50	3/10/1995	Original	0	3	1.4	NA	1146711.8	650904.3	No

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
SED0600L75	4/25/1995	Original	0	3	NA	< 10	1146707.6	650879.8	No
SED0600R100	4/25/1995	Original	0	3	NA	< 10	1146722.8	651052.5	Yes
SED0600R25	3/10/1995	Original	0	3	7.7	> 10	1146715.5	650978.3	Yes
SED0600R50	3/10/1995	Original	0	3	ND	NA	1146717.8	651003.3	Yes
SED0650	3/9/1995	Original	0	1	NA	> 10	1146758.6	650939.4	Yes
SED0650	3/9/1995	Field duplicate	0	1	NA	> 10	1146758.6	650939.4	Yes
SED0670	3/9/1995	Original	0	2	NA	> 10	1146777.7	650933.5	Yes
SED0711	3/10/1995	Original	0	3	NA	> 10	1146816.5	650920.3	Yes
SED0711L10	3/10/1995	Original	0	3	NA	> 10	1146816.2	650910.8	Yes
SED0711L125	4/25/1995	Original	0	3	NA	< 10	1146825.9	650793.5	No
SED0711L20	3/11/1995	Original	0	3	NA	> 10	1146816.2	650901.3	Yes
SED0711L20	5/4/1995	Original	12	15	NA	< 10	1146816.2	650901.3	Yes
SED0711L75	4/24/1995	Original	0	3	ND	< 10	1146837.1	650844.1	Yes
SED0711R10	3/10/1995	Original	0	3	NA	> 10	1146816.7	650929.8	Yes
SED0711R25	3/11/1995	Original	0	3	NA	> 10	1146816.9	650944.1	Yes
SED0711R25	5/4/1995	Original	9	12	NA	< 10	1146816.9	650944.1	Yes
SED0711R45	4/25/1995	Original	0	3	NA	< 10	1146817.2	650963.2	Yes
SED0800L25	3/10/1995	Original	0	3	ND	< 10	1146906.2	650883.7	Yes
SED0800L50	3/10/1995	Original	0	3	ND	NA	1146908.8	650858.3	Yes
SED0800R25	3/10/1995	Original	0	3	ND	< 10	1146903.4	650934.2	Yes
SED0800R50	3/10/1995	Original	0	3	ND	NA	1146903.1	650959.3	No
SED0805	3/10/1995	Original	0	3	2000	> 10	1146909.8	650908.8	Yes
SED0805L10	3/10/1995	Original	0	3	NA	> 10	1146910.4	650898.8	Yes
SED0805L75	4/25/1995	Original	0	3	NA	< 10	1146914.7	650823.7	Yes
SED0805R10	3/11/1995	Original	0	3	NA	< 10	1146909.2	650918.8	Yes
SED0805R75	4/25/1995	Original	0	3	NA	< 10	1146907.1	650984.0	No
SED0850	3/10/1995	Original	0	3	NA	> 10	1146954.2	650916.1	Yes
SED0900	3/10/1995	Original	0	3	NA	> 10	1147010.4	650922.9	Yes
SED0900L125	4/25/1995	Original	0	3	NA	< 10	1147032.6	650799.9	Yes
SED0900L125	4/25/1995	Field duplicate	0	3	NA	< 10	1147032.6	650799.9	Yes
SED0900L25	3/11/1995	Original	0	3	NA	> 10	1147014.8	650898.3	Yes
SED0900L50	3/11/1995	Original	0	3	NA	> 10	1147019.3	650873.7	Yes
SED0900L50	5/4/1995	Original	7	10	4.1	< 10	1147019.3	650873.7	Yes
SED0900L75	3/16/1995	Original	0	3	NA	< 10	1147023.7	650849.1	Yes
SED0900R10	3/11/1995	Original	0	3	NA	> 10	1147008.6	650932.7	Yes
SED0900R100	4/25/1995	Original	0	3	NA	< 10	1146992.6	651021.3	No
SED0900R25	3/11/1995	Original	0	3	NA	< 10	1147006.0	650947.5	Yes
SED0900R50	3/16/1995	Original	0	3	11	> 10	1147001.5	650972.1	Yes

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
SED0900R50	5/4/1995	Original	12	15	NA	< 10	1147001.5	650972.1	Yes
SED0900R75	3/17/1995	Original	0	3	NA	< 10	1146997.0	650996.7	No
SED0950	3/10/1995	Original	0	3	NA	> 10	1147058.1	650937.8	Yes
SED1000	3/10/1995	Original	0	3	3100	> 10	1147101.8	650962.2	Yes
SED1000L125	4/25/1995	Original	0	3	ND	< 10	1147133.2	650841.2	Yes
SED1000L25	3/10/1995	Original	0	3	260	> 10	1147107.9	650938.0	Yes
SED1000L25	3/15/1996	Original	0	3	NA	> 10	1147107.9	650938.0	Yes
SED1000L25	3/10/1995	Field duplicate	0	3	NA	> 10	1147107.9	650938.0	Yes
SED1000L25	3/15/1996	Original	3	6	NA	> 10	1147107.9	650938.0	Yes
SED1000L25	3/15/1996	Original	6	12	NA	> 10	1147107.9	650938.0	Yes
SED1000L25	5/4/1995	Original	21	24	NA	< 10	1147107.9	650938.0	Yes
SED1000L50	3/10/1995	Original	0	3	7	NA	1147114.2	650913.8	Yes
SED1000L50	3/11/1995	Original	0	3	NA	> 10	1147114.2	650913.8	Yes
SED1000L50	3/17/1995	Original	0	3	NA	< 10	1147114.2	650913.8	Yes
SED1000L50	3/16/1995	Original	3	7	NA	< 10	1147114.2	650913.8	Yes
SED1000L50	3/16/1995	Original	7	11	NA	< 10	1147114.2	650913.8	Yes
SED1000L75	3/16/1995	Original	0	3	NA	< 10	1147120.1	650891.2	Yes
SED1000R25	3/10/1995	Original	0	3	31	> 10	1147095.1	650986.3	No
SED1000R25	3/15/1996	Original	3	13	NA	> 10	1147095.1	650986.3	No
SED1000R25	3/15/1996	Original	13	15	NA	< 10	1147095.1	650986.3	No
SED1000R50	3/10/1995	Original	0	3	46	NA	1147088.9	651010.5	Yes
SED1000R50	3/11/1995	Original	0	3	NA	< 10	1147088.9	651010.5	Yes
SED1000R50	3/17/1995	Original	0	3	NA	< 10	1147088.9	651010.5	Yes
SED1000R50	3/16/1995	Original	4	13	NA	> 10	1147088.9	651010.5	Yes
SED1000R50	3/16/1995	Original	13	17	NA	< 10	1147088.9	651010.5	Yes
SED1000R75	3/16/1995	Original	0	3	NA	< 10	1147082.5	651034.7	Yes
SED1050	3/10/1995	Original	0	3	NA	> 10	1147146.9	650991.9	Yes
SED1100	3/10/1995	Original	0	3	NA	> 10	1147188.1	651020.2	Yes
SED1100L50	3/11/1995	Original	0	3	NA	> 10	1147201.4	650971.9	Yes
SED1100L50	5/4/1995	Original	9	12	NA	< 10	1147201.4	650971.9	Yes
SED1100R25	3/11/1995	Original	0	3	NA	> 10	1147181.1	651045.7	Yes
SED1100R50	3/11/1995	Original	0	3	NA	< 10	1147174.3	651070.2	Yes
SED1100R75	3/16/1995	Original	0	3	NA	< 10	1147167.7	651094.3	Yes
SED1150	3/10/1995	Original	0	3	NA	> 10	1147223.2	651055.9	Yes
SED1200	3/10/1995	Original	0	3	NA	> 10	1147263.2	651085.8	Yes
SED1200L100	3/17/1995	Original	0	3	NA	< 10	1147314.6	650999.8	Yes
SED1200L50	3/11/1995	Original	0	3	NA	> 10	1147288.9	651042.8	Yes
SED1200L50	3/16/1995	Original	0	6	13	> 10	1147288.9	651042.8	Yes

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
SED1200L50	3/16/1995	Original	6	13	NA	< 10	1147288.9	651042.8	Yes
SED1200L50	3/16/1995	Original	13	17	NA	< 10	1147288.9	651042.8	Yes
SED1200L75	3/16/1995	Original	0	3	NA	> 10	1147301.8	651021.3	Yes
SED1200R10	3/11/1995	Original	0	3	NA	> 10	1147258.1	651094.4	Yes
SED1200R25	3/11/1995	Original	0	3	NA	< 10	1147250.4	651107.3	Yes
SED1200R50	3/16/1995	Original	0	6	ND	< 10	1147237.5	651128.8	Yes
SED1200R50	3/16/1995	Original	6	12	NA	< 10	1147237.5	651128.8	Yes
SED1200R75	3/16/1995	Original	0	3	NA	< 10	1147224.7	651150.3	Yes
SED1250	3/10/1995	Original	0	3	NA	> 10	1147306.8	651110.3	Yes
SED1250	3/10/1995	Field duplicate	0	3	NA	> 10	1147306.8	651110.3	Yes
SED1300	3/10/1995	Original	0	3	610	> 10	1147349.5	651136.2	Yes
SED1300L100	3/17/1995	Original	0	3	46	> 10	1147396.5	651047.8	Yes
SED1300L100	5/3/1995	Original	9	12	NA	< 10	1147396.5	651047.8	Yes
SED1300L100	5/3/1995	Original	20	27	NA	< 10	1147396.5	651047.8	Yes
SED1300L50	3/11/1995	Original	0	3	NA	> 10	1147373.0	651092.0	Yes
SED1300L50	5/3/1995	Original	10	13	NA	< 10	1147373.0	651092.0	Yes
SED1300L75	3/17/1995	Original	0	3	NA	> 10	1147384.8	651069.9	Yes
SED1300R10	3/11/1995	Original	0	3	NA	> 10	1147344.8	651145.1	Yes
SED1300R25	3/11/1995	Original	0	3	ND	< 10	1147337.8	651158.4	Yes
SED1300R50	3/17/1995	Original	0	3	NA	< 10	1147326.0	651180.5	Yes
SED1350	3/10/1995	Original	0	3	NA	> 10	1147392.0	651162.7	Yes
SED1350R175	3/18/1995	Original	0	3	NA	< 10	1147321.3	651324.4	No
SED1390R190	4/25/1995	Original	0	3	NA	< 10	1147333.6	651349.5	No
SED1400	3/10/1995	Original	0	3	NA	> 10	1147435.0	651188.2	Yes
SED1400L100	5/4/1995	Original	12	15	NA	< 10	1147386.3	651275.5	Yes
SED1400L100	5/3/1995	Original	21	24	NA	< 10	1147386.3	651275.5	Yes
SED1400L50	3/11/1995	Original	0	3	140	> 10	1147458.7	651144.2	Yes
SED1400L50	5/3/1995	Original	21	24	NA	> 10	1147458.7	651144.2	Yes
SED1400L75	3/17/1995	Original	0	3	NA	> 10	1147471.5	651122.7	Yes
SED1400L95	3/17/1995	Original	0	3	NA	> 10	1147481.3	651105.2	Yes
SED1400R100	3/17/1995	Original	0	3	NA	> 10	1147386.3	651275.5	Yes
SED1400R125	3/18/1995	Original	0	3	9.1	> 10	1147374.1	651297.3	Yes
SED1400R125	3/18/1995	Field duplicate	0	3	NA	> 10	1147374.1	651297.3	Yes
SED1400R125	5/3/1995	Original	24	27	5.4	< 10	1147374.1	651297.3	Yes
SED1400R25	3/11/1995	Original	0	3	NA	> 10	1147422.8	651210.0	Yes
SED1400R50	3/11/1995	Original	0	3	NA	> 10	1147410.6	651231.8	Yes
SED1400R50	5/4/1995	Original	12	15	NA	< 10	1147410.6	651231.8	Yes
SED1400R50	5/3/1995	Original	22	25	NA	< 10	1147410.6	651231.8	Yes

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
SED1400R75	3/17/1995	Original	0	3	NA	> 10	1147398.4	651253.6	Yes
SED1420R175	3/18/1995	Original	0	3	4.2	< 10	1147371.2	651349.1	No
SED1430R175	3/18/1995	Original	0	3	5.5	> 10	1147380.0	651353.9	No
SED1430R175	5/3/1995	Original	10	13	NA	< 10	1147380.0	651353.9	No
SED1430R225	4/25/1995	Original	0	3	261	> 10	1147356.5	651398.0	No
SED1430R275	4/25/1995	Original	0	3	NA	< 10	1147332.9	651442.1	No
SED1430R325	4/26/1995	Original	0	3	NA	< 10	1147310.3	651486.7	No
SED1450	3/10/1995	Original	0	3	NA	> 10	1147479.7	651210.3	Yes
SED1475L150	4/26/1995	Original	0	3	NA	> 10	1147577.8	651113.2	Yes
SED1475L150	5/4/1995	Original	12	15	4.1	< 10	1147577.8	651113.2	Yes
SED1475L150	5/3/1995	Original	24	27	NA	< 10	1147577.8	651113.2	Yes
SED1500	3/10/1995	Original	0	3	NA	> 10	1147510.7	651258.9	Yes
SED1500L100	3/17/1995	Original	0	3	NA	> 10	1147556.3	651169.8	Yes
SED1500L50	3/11/1995	Original	0	3	NA	> 10	1147533.5	651214.3	Yes
SED1500L50	3/16/1995	Original	0	6	430	> 10	1147533.5	651214.3	Yes
SED1500L50	3/11/1995	Field duplicate	0	3	NA	> 10	1147533.5	651214.3	Yes
SED1500L50	3/16/1995	Original	6	12	NA	> 10	1147533.5	651214.3	Yes
SED1500L50	5/4/1995	Original	12	15	24	> 10	1147533.5	651214.3	Yes
SED1500L50	5/4/1995	Original	24	27	NA	< 10	1147533.5	651214.3	Yes
SED1500L75	3/16/1995	Original	0	3	NA	> 10	1147544.9	651192.1	Yes
SED1500L75	5/3/1995	Original	24	27	NA	< 10	1147544.9	651192.1	Yes
SED1500R100	3/17/1995	Original	0	3	NA	> 10	1147465.2	651347.9	Yes
SED1500R100	5/3/1995	Original	5	8	NA	< 10	1147465.2	651347.9	Yes
SED1500R125	3/18/1995	Original	0	3	37	> 10	1147453.8	651370.1	No
SED1500R175	4/25/1995	Original	0	3	NA	> 10	1147431.0	651414.7	No
SED1500R225	4/26/1995	Original	0	3	NA	> 10	1147408.3	651459.2	No
SED1500R225	5/4/1995	Original	12	15	NA	< 10	1147408.3	651459.2	No
SED1500R225	5/3/1995	Original	22	25	NA	< 10	1147408.3	651459.2	No
SED1500R50	3/11/1995	Original	0	3	NA	> 10	1147488.0	651303.4	Yes
SED1500R50	3/16/1995	Original	0	6	10	> 10	1147488.0	651303.4	Yes
SED1500R50	3/16/1995	Original	6	12	NA	< 10	1147488.0	651303.4	Yes
SED1500R75	3/17/1995	Original	0	3	NA	> 10	1147476.6	651325.6	Yes
SED1550	3/10/1995	Original	0	3	NA	> 10	1147553.3	651285.4	Yes
SED1550R125	4/26/1995	Original	0	3	NA	< 10	1147496.4	651396.7	No
SED1550R175	5/3/1995	Original	0	3	NA	< 10	1147473.6	651441.2	No
SED1600	3/10/1995	Original	0	3	NA	> 10	1147600.3	651302.5	Yes
SED1600L100	3/17/1995	Original	0	3	NA	> 10	1147646.2	651212.8	Yes
SED1600L100	5/3/1995	Original	24	27	NA	> 10	1147646.2	651212.8	Yes

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
SED1600L100	5/3/1995	Original	48	51	NA	< 10	1147646.2	651212.8	Yes
SED1600L100	5/3/1995	Field duplicate	48	51	NA	< 10	1147646.2	651212.8	Yes
SED1600L150	4/26/1995	Original	0	3	NA	> 10	1147669.2	651167.9	Yes
SED1600L225	5/3/1995	Original	12	15	NA	< 10	1147702.9	651101.1	No
SED1600L230	4/26/1995	Original	0	3	NA	> 10	1147705.9	651096.1	No
SED1600L50	3/11/1995	Original	0	3	NA	> 10	1147623.3	651257.6	Yes
SED1600L75	3/16/1995	Original	0	3	NA	> 10	1147634.7	651235.2	Yes
SED1600R125	4/26/1995	Original	0	3	NA	< 10	1147542.9	651414.7	No
SED1600R125	4/26/1995	Field duplicate	0	3	NA	< 10	1147542.9	651414.7	No
SED1600R50	3/11/1995	Original	0	3	25	> 10	1147577.3	651347.4	Yes
SED1600R50	5/4/1995	Original	9	12	NA	> 10	1147577.3	651347.4	Yes
SED1600R50	5/4/1995	Field duplicate	9	12	NA	> 10	1147577.3	651347.4	Yes
SED1600R50	5/3/1995	Original	24	27	NA	< 10	1147577.3	651347.4	Yes
SED1600R75	3/17/1995	Original	0	3	NA	< 10	1147565.9	651369.8	Yes
SED1650	3/10/1995	Original	0	3	NA	> 10	1147646.4	651322.3	Yes
SED1700	3/10/1995	Original	0	3	NA	> 10	1147689.8	651347.2	Yes
SED1700L100	3/17/1995	Original	0	3	NA	> 10	1147735.5	651257.9	Yes
SED1700L150	4/26/1995	Original	0	3	NA	> 10	1147758.3	651213.2	Yes
SED1700L150	5/3/1995	Original	18	21	11	> 10	1147758.3	651213.2	Yes
SED1700L50	3/11/1995	Original	0	3	NA	> 10	1147712.6	651302.6	Yes
SED1700L75	3/16/1995	Original	0	3	NA	> 10	1147724.0	651280.2	Yes
SED1700L75	5/4/1995	Original	12	15	NA	> 10	1147724.0	651280.2	Yes
SED1700L75	5/3/1995	Original	24	27	NA	< 10	1147724.0	651280.2	Yes
SED1700R125	4/26/1995	Original	0	3	ND	< 10	1147632.8	651458.5	No
SED1700R75	3/17/1995	Original	0	3	NA	< 10	1147655.5	651414.2	No
SED1750	3/11/1995	Original	0	3	720	> 10	1147733.4	651371.5	Yes
SED1800	3/11/1995	Original	0	3	NA	> 10	1147768.2	651388.9	Yes
SED1800L100	3/17/1995	Original	0	3	2500	> 10	1147767.5	651289.8	Yes
SED1800L270	4/26/1995	Original	0	3	NA	> 10	1147769.7	651118.5	No
SED1800L270	4/26/1995	Field duplicate	0	3	NA	> 10	1147769.7	651118.5	No
SED1800L270	5/3/1995	Original	15	18	NA	> 10	1147769.7	651118.5	No
SED1800L50	3/11/1995	Original	0	3	NA	> 10	1147768.6	651338.9	Yes
SED1800L50	3/16/1995	Original	0	6	2200	> 10	1147768.6	651338.9	Yes
SED1800L50	3/16/1995	Original	6	12	NA	> 10	1147768.6	651338.9	Yes
SED1800L50	5/4/1995	Original	21	24	NA	> 10	1147768.6	651338.9	Yes
SED1800L50	5/4/1995	Original	48	51	NA	> 10	1147768.6	651338.9	Yes
SED1800L50	5/5/1995	Original	72	75	NA	> 10	1147768.6	651338.9	Yes
SED1800L50	5/5/1995	Field duplicate	72	75	NA	> 10	1147768.6	651338.9	Yes

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
SED1800L50	5/5/1995	Original	84	87	290	> 10	1147768.6	651338.9	Yes
SED1800L75	3/16/1995	Original	0	3	NA	> 10	1147768.8	651313.9	Yes
SED1800R125	4/26/1995	Original	0	3	NA	< 10	1147762.4	651463.8	Yes
SED1800R50	3/11/1995	Original	0	3	NA	> 10	1147764.2	651438.9	Yes
SED1800R50	3/16/1995	Original	0	6	3.9	< 10	1147764.2	651438.9	Yes
SED1800R50	3/16/1995	Original	6	12	NA	< 10	1147764.2	651438.9	Yes
SED1800R75	3/17/1995	Original	0	3	ND	< 10	1147762.4	651463.8	Yes
SED-3	2/21/1995	Original	0	3	350	NA	1146188.8	650928.1	Yes
SED-4	2/21/1995	Original	0	3	ND	NA	1146401.5	651384.1	No
SED-5	2/21/1995	Original	0	3	990	NA	1147196.9	651027.3	Yes
SED-6	2/21/1995	Original	0	3	30	NA	1147214.3	650943.0	Yes
SED-7	2/21/1995	Original	0	3	170	NA	1147740.9	651376.2	Yes
SED-C2	3/19/1995	Original	0	3	410	NA	1147761.7	651386.4	Yes
SED-C3	3/19/1995	Original	0	3	2700	NA	1146908.0	650909.3	Yes
SED-F1	3/19/1995	Original	0	3	19	NA	1146908.0	650909.3	Yes
SED-F2	3/19/1995	Original	0	3	490	NA	1146908.0	650909.3	Yes
SWSL-1	1/7/1999	Original	0	6	0.45	NA	1147563.7	650626.8	No
SWSL-10	1/7/1999	Original	0	6	1.4	NA	1147567.8	650467.9	No
SWSL-10	1/7/1999	Original	12	15	0.53	NA	1147567.8	650467.9	No
SWSL-10	1/7/1999	Original	24	27	0.23	NA	1147567.8	650467.9	No
SWSL-11	1/8/1999	Original	0	6	0.28	NA	1147568.4	650448.3	No
SWSL-12	1/8/1999	Original	0	6	0.11	NA	1147585.6	650464.8	No
SWSL-13	1/8/1999	Original	0	6	0.064	NA	1147584.8	650619.5	No
SWSL-14	1/8/1999	Original	0	6	0.89	NA	1147610.7	650618.7	No
SWSL-15	1/8/1999	Original	0	6	0.50	NA	1147629.4	650624.6	No
SWSL-16	1/8/1999	Original	0	6	0.47	NA	1147651.4	650630.6	No
SWSL-17	1/8/1999	Original	0	6	0.80	NA	1147674.0	650634.2	No
SWSL-18	1/8/1999	Original	0	6	0.40	NA	1147690.2	650629.8	No
SWSL-19	1/8/1999	Original	0	6	0.038	NA	1147707.5	650629.3	No
SWSL-2	1/7/1999	Original	0	6	0.069	NA	1147563.6	650605.9	No
SWSL-20	1/8/1999	Original	0	6	ND	NA	1147723.3	650628.8	No
SWSL-21	1/8/1999	Original	0	6	0.15	NA	1147743.1	650629.4	No
SWSL-22	1/8/1999	Original	0	6	0.19	NA	1147761.2	650630.1	No
SWSL-23	1/8/1999	Original	0	6	0.38	NA	1147587.7	650600.7	No
SWSL-24	1/8/1999	Original	0	6	0.23	NA	1147609.7	650584.1	No
SWSL-25	1/8/1999	Original	0	6	0.25	NA	1147629.7	650605.0	No

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
SWSL-26	1/8/1999	Original	0	6	0.46	NA	1147626.6	650573.0	No
SWSL-27	1/8/1999	Original	0	6	0.22	NA	1147651.5	650591.4	No
SWSL-28	1/8/1999	Original	0	6	2.3	NA	1147666.1	650608.3	No
SWSL-28	1/8/1999	Original	12	15	0.063	NA	1147666.1	650608.3	No
SWSL-28	1/8/1999	Original	24	27	ND	NA	1147666.1	650608.3	No
SWSL-29	1/8/1999	Original	0	6	0.32	NA	1147666.5	650569.1	No
SWSL-3	1/7/1999	Original	0	6	0.99	NA	1147567.6	650590.0	No
SWSL-3	1/7/1999	Original	12	15	0.15	NA	1147567.6	650590.0	No
SWSL-3	1/7/1999	Original	24	27	0.051	NA	1147567.6	650590.0	No
SWSL-30	1/8/1999	Original	0	6	0.088	NA	1147575.4	650429.0	No
SWSL-31	1/8/1999	Original	0	6	0.10	NA	1147592.5	650439.0	No
SWSL-32	1/8/1999	Original	0	6	0.68	NA	1147685.5	650530.1	No
SWSL-33	1/8/1999	Original	0	6	0.46	NA	1147706.4	650607.8	No
SWSL-34	1/8/1999	Original	0	6	0.89	NA	1147727.8	650590.8	No
SWSL-35	1/8/1999	Original	0	6	1.2	NA	1147746.6	650607.9	No
SWSL-35	1/8/1999	Original	12	15	ND	NA	1147746.6	650607.9	No
SWSL-35	1/8/1999	Original	24	27	ND	NA	1147746.6	650607.9	No
SWSL-36	1/8/1999	Original	0	6	0.32	NA	1147760.1	650596.1	No
SWSL-4	1/7/1999	Original	0	6	0.30	NA	1147567.0	650569.2	No
SWSL-5	1/7/1999	Original	0	6	0.30	NA	1147584.2	650572.2	No
SWSL-6	1/7/1999	Original	0	6	0.13	NA	1147566.9	650550.1	No
SWSL-7	1/7/1999	Original	0	6	0.076	NA	1147565.7	650530.2	No
SWSL-8	1/7/1999	Original	0	6	0.12	NA	1147566.8	650510.5	No
SWSL-9	1/7/1999	Original	0	6	0.19	NA	1147567.6	650489.8	No
WEL005	11/6/1995	Original	0	3	ND	NA	1147143.6	651586.1	No
WEL024	11/6/1995	Original	0	3	30	NA	1148024.2	651314.8	Yes
WEL025	11/6/1995	Original	0	3	49	NA	1147967.4	651309.0	Yes
WEL026	11/6/1995	Original	0	3	6.4	NA	1147932.1	651305.3	Yes
WEL027	11/6/1995	Original	0	3	150	NA	1147923.4	651389.0	Yes
WEL028	11/6/1995	Original	0	3	140	NA	1147935.4	651274.9	Yes
WEL029	11/6/1995	Original	0	3	ND	NA	1147953.9	651197.9	Yes
WEL031	11/7/1995	Original	0	3	20	NA	1147848.4	651222.5	Yes
WEL032	11/7/1995	Original	0	3	75	NA	1147858.3	651276.4	Yes
WEL033	11/7/1995	Original	0	3	47	NA	1147787.3	651274.0	Yes
WEL034	11/7/1995	Original	0	3	17	NA	1147790.0	651216.0	Yes
WEL035	11/8/1995	Original	0	3	1.6	NA	1147792.1	650982.9	No

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
WEL036	11/8/1995	Original	0	3	1.9	NA	1147792.1	650982.9	No
WEL037	11/8/1995	Original	0	3	7	NA	1147876.2	651042.2	Yes
WEL038	11/8/1995	Original	0	3	7.5	NA	1147876.2	651042.2	Yes
WEL039	11/8/1995	Original	0	3	44	NA	1147837.9	651115.7	Yes
WEL040	11/8/1995	Original	0	3	18	NA	1147933.6	651089.6	Yes
WEL041	11/8/1995	Original	0	3	23	NA	1148161.4	651130.4	Yes
WEL042	11/8/1995	Original	0	3	82	NA	1148108.7	651089.0	No
WEL043	11/8/1995	Original	0	3	ND	NA	1148033.0	650785.3	No
WEL044	11/8/1995	Original	0	3	ND	NA	1147946.9	650756.0	No
WEL045	11/8/1995	Original	0	3	1.4	NA	1147933.7	650643.1	No
WEL046	11/8/1995	Original	0	3	ND	NA	1147956.3	650709.4	No
WEL047	11/8/1995	Original	0	3	ND	NA	1147902.4	650697.1	No
WEL048	11/8/1995	Original	0	3	ND	NA	1147922.3	650725.1	No
WEL049	11/8/1995	Original	0	3	ND	NA	1147856.2	650657.1	No
WEL050	11/8/1995	Original	0	3	ND	NA	1147880.2	650712.5	No
WEL051	11/8/1995	Original	0	3	ND	NA	1147798.6	650641.5	No
WEL052	11/8/1995	Original	0	3	ND	NA	1147818.7	650708.6	No
WEL053	11/8/1995	Original	0	3	ND	NA	1147703.0	650772.4	No
WEL054	11/8/1995	Original	0	3	ND	NA	1147707.7	650690.3	No
WEL055	11/8/1995	Original	0	3	15	NA	1147034.2	650899.5	Yes
WEL056	11/8/1995	Original	0	3	8.8	NA	1146981.4	650797.9	Yes
WEL057	11/8/1995	Original	0	3	1.8	NA	1146949.8	650828.6	Yes
WEL058	11/8/1995	Original	0	3	ND	NA	1146939.6	650770.8	Yes
WEL059	11/8/1995	Original	0	3	2.6	NA	1146813.3	650788.8	No
WEL060	11/8/1995	Original	0	3	ND	NA	1146849.3	650834.7	No
WEL061	11/8/1995	Original	0	3	15	NA	1146767.8	650873.9	Yes
WEL062	11/8/1995	Original	0	3	ND	NA	1146794.4	650738.8	No
WEL064	11/8/1995	Original	0	3	ND	NA	1146660.1	650743.7	No
WEL065	11/8/1995	Original	0	3	1.7	NA	1146752.6	650508.4	No

Table 3-4. OU-1/OU-2 Eastside Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
WEL066	11/8/1995	Original	0	3	7.5	NA	1146833.0	650508.1	No
WELPP-005	11/17/1995	Original	0	3	510	NA	1147757.5	651337.6	Yes
WELPP-006	11/17/1995	Original	0	3	320	NA	1146530.2	651074.7	Yes
WELPP-007	11/17/1995	Original	0	3	13	NA	1146190.0	650945.1	Yes

[1] Figures 3-3a through 3-3d show the soil sample locations for the eastside area.

[2] Depths listed for PCB data beneath the interim measure covers are below ground surface prior to installation of covers.

[3] Total PCB Screening (Immunoassay) concentrations were determined by USEPA Method 4020 (Immunoassay Field Screening Test Methods).

>: greater than

<: less than
IM: interim measure
mg/kg: milligrams per kilogram
NA: not applicable
ND: nondetect
OU: operable unit
PCB: polychlorinated biphenyl
ppm: parts per million
USEPA: United States Environmental Protection Agency

Table 3-5. OU-1/OU-2 CSSMA/Miller Property Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
ASED050	10/3/1996	Original	0	3	100	> 5	1148478.7	651519.9	Yes
ASED050L25	10/4/1996	Original	0	3	72	> 5	1148462.2	651487.6	Yes
ASED050L50	10/4/1996	Original	0	3	41	> 5	1148454.7	651471.2	Yes
ASED050L75	10/4/1996	Original	0	3	28	> 5	1148443.8	651454.0	Yes
ASED050R25	10/4/1996	Original	0	3	370	> 5	1148489.2	651542.5	Yes
ASED050R50	10/4/1996	Original	0	3	6.2	> 5	1148507.0	651560.7	Yes
ASED100	10/3/1996	Original	0	3	120	> 5	1148500.0	651490.5	Yes
ASED100	10/3/1996	Field duplicate	0	3	190	> 5	1148500.0	651490.5	Yes
ASED100L25	10/4/1996	Original	0	3	34	> 5	1148494.5	651465.4	Yes
ASED100L25	10/4/1996	Field duplicate	0	3	49	> 5	1148494.5	651465.4	Yes
ASED100L50	10/4/1996	Original	0	3	21	> 5	1148477.0	651448.2	Yes
ASED100L75	10/4/1996	Original	0	3	19	> 5	1148460.4	651428.5	Yes
ASED100R25	10/4/1996	Original	0	3	110	> 5	1148527.0	651502.9	Yes
ASED100R50	10/4/1996	Original	0	3	620	> 5	1148545.3	651519.5	Yes
ASED100R75	10/4/1996	Original	0	3	330	> 5	1148563.0	651538.5	Yes
ASED150	10/3/1996	Original	0	3	200	> 5	1148532.9	651444.1	Yes
ASED150L25	10/3/1996	Original	0	3	72	> 5	1148520.6	651425.5	Yes
ASED150L50	10/3/1996	Original	0	3	67	> 5	1148499.4	651410.4	Yes
ASED150L75	10/3/1996	Original	0	3	24	> 5	1148475.3	651391.3	Yes
ASED150L75	10/3/1996	Field duplicate	0	3	15	> 5	1148475.3	651391.3	Yes
ASED150R15	10/3/1996	Original	0	3	170	> 5	1148544.4	651454.7	Yes
ASED150R50	10/4/1996	Original	0	3	160	> 5	1148565.4	651487.1	Yes
ASED150R75	10/4/1996	Original	0	3	85	> 5	1148580.3	651502.0	Yes
ASED200	10/3/1996	Original	0	3	270	> 5	1148585.3	651413.9	Yes
ASED200L25	10/3/1996	Original	0	3	20	> 5	1148570.4	651381.7	Yes
ASED200L50	10/3/1996	Original	0	3	26	> 5	1148559.8	651367.1	Yes
ASED200L75	10/3/1996	Original	0	3	22	> 5	1148540.1	651349.7	Yes
ASED200R20	10/3/1996	Original	0	3	72	> 5	1148591.6	651430.6	Yes
ASED200R50	10/4/1996	Original	0	3	57	> 5	1148609.4	651459.6	Yes
ASED250	10/3/1996	Original	0	3	1200	> 5	1148625.0	651391.9	Yes
ASED250L25	10/3/1996	Original	0	3	19	> 5	1148616.5	651361.4	Yes
ASED250L50	10/3/1996	Original	0	3	11	> 5	1148611.3	651339.9	Yes
ASED250L75	10/3/1996	Original	0	3	3.7	> 5	1148596.6	651328.3	Yes
ASED250R20	10/3/1996	Original	0	3	24	> 5	1148643.9	651412.1	Yes
ASED250R50	10/3/1996	Original	0	3	20	> 5	1148642.4	651433.8	Yes
ASED300	10/3/1996	Original	0	3	130	> 5	1148680.6	651387.4	No

Table 3-5. OU-1/OU-2 CSSMA/Miller Property Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
ASED300R25	10/3/1996	Original	0	3	47	> 5	1148662.7	651408.6	Yes
ASED350	10/3/1996	Original	0	3	39	> 5	1148704.5	651429.0	No
ASED350R25	10/3/1996	Original	0	3	69	> 5	1148682.0	651447.2	Yes
ASED350R50	10/3/1996	Original	0	3	29	> 5	1148661.0	651458.2	Yes
ASED400	10/3/1996	Original	0	3	77	> 5	1148732.5	651479.6	No
ASED400R25	10/3/1996	Original	0	3	29	> 5	1148714.0	651498.2	Yes
ASED400R25	10/3/1996	Field duplicate	0	3	54	> 5	1148714.0	651498.2	Yes
ASED450	10/3/1996	Original	0	3	106	> 5	1148751.7	651522.7	No
ASED450R25	10/3/1996	Original	0	3	710	> 5	1148727.4	651536.6	Yes
ASED500	10/3/1996	Original	0	3	82	> 5	1148777.3	651565.8	No
ASED500R25	10/3/1996	Original	0	3	19	> 5	1148748.6	651577.1	Yes
ASED550	10/3/1996	Original	0	3	279	> 5	1148800.9	651604.7	No
ASED550R25	10/3/1996	Original	0	3	43	> 5	1148775.4	651614.0	Yes
ASL107	10/15/1998	Original	0	3	2.9	> 5	1148148.3	650713.1	No
ASL107	10/15/1998	Field duplicate	0	3	2.7	NA	1148148.3	650713.1	No
ASL108	10/15/1998	Original	0	3	NA	< 5	1148161.2	650529.1	No
ASL109	10/15/1998	Original	0	3	NA	< 5	1148100.4	650464.3	No
ASL110	10/15/1998	Original	0	3	NA	< 5	1148047.1	650470.2	No
ASL157	11/4/1998	Original	0	3	1.6	> 5	1148423.4	650947.2	No
ASL158	11/4/1998	Original	0	3	9.5	> 5	1148430.0	650968.5	No
ASL55	10/4/1996	Original	0	3	9.8	> 5	1148474.8	651604.4	No
ASL56	10/4/1996	Original	0	3	4.9	> 5	1148496.4	651713.3	No
ASL57	10/4/1996	Original	0	3	NA	< 5	1148539.4	651876.0	No
ASL58	10/4/1996	Original	0	3	NA	< 5	1148823.2	651762.2	No
ASL62	10/10/1996	Original	0	3	4	> 5	1148391.0	651318.8	Yes
ASL62	10/10/1996	Field duplicate	0	3	4.2	> 5	1148391.0	651318.8	Yes
ASL65	10/10/1996	Original	0	3	12	> 5	1148582.1	651301.4	Yes
ASL67	10/10/1996	Original	0	3	2	> 5	1148454.6	651352.1	Yes
ASL68	10/10/1996	Original	0	3	15	> 5	1148407.8	651398.1	Yes
ASL69	10/10/1996	Original	0	3	9.2	> 5	1148704.4	651532.1	Yes
ASL70	10/10/1996	Original	0	3	140	> 5	1148598.4	651566.4	Yes
ASL71	10/10/1996	Original	0	3	19	> 5	1148538.4	651577.1	Yes
CA-05-1782-01	7/11/2006	Original	0	6	0.036	NA	1148191.0	650793.2	No
CA-05-1782-02	7/11/2006	Original	0	6	2.3	NA	1148289.0	651213.1	No
CA-05-1782-03	7/11/2006	Original	0	6	33	NA	1148538.9	651412.0	No
CA-05-1782-03	5/22/2007	Original	6	12	15	NA	1148538.9	651412.0	No

Table 3-5. OU-1/OU-2 CSSMA/Miller Property Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
CA-05-1782-03	5/22/2007	Original	12	24	37	NA	1148538.9	651412.0	No
CA-05-1782-03	5/22/2007	Original	24	36	6.1	NA	1148538.9	651412.0	No
CA-05-1782-03	5/22/2007	Original	36	48	11	NA	1148538.9	651412.0	No
CA-05-1782-04	7/11/2006	Original	0	6	22	NA	1148610.0	651447.0	No
CA-05-1782-04	5/22/2007	Original	6	12	46	NA	1148610.0	651447.0	No
CA-05-1782-04	5/22/2007	Original	12	24	17	NA	1148610.0	651447.0	No
CA-05-1782-04	5/22/2007	Original	24	36	76	NA	1148610.0	651447.0	No
CA-05-1782-04	5/22/2007	Original	36	48	53	NA	1148610.0	651447.0	No
CA-05-1782-05	7/12/2006	Original	0	6	171	NA	1148554.9	651562.1	No
CA-05-1782-05	5/22/2007	Original	6	12	610	NA	1148554.9	651562.1	No
CA-05-1782-05	5/22/2007	Original	12	24	71	NA	1148554.9	651562.1	No
CA-05-1782-05	5/22/2007	Original	24	36	1.5	NA	1148554.9	651562.1	No
CA-05-1782-05	5/22/2007	Original	36	48	0.10	NA	1148554.9	651562.1	No
CA-05-1782-06	7/12/2006	Original	0	6	14	NA	1148699.1	651644.9	No
CA-05-1782-06	5/30/2007	Original	6	12	28	NA	1148699.1	651644.9	No
CA-05-1782-06	5/30/2007	Field duplicate	6	12	23	NA	1148699.1	651644.9	No
CA-05-1782-06	5/30/2007	Original	12	24	28	NA	1148699.1	651644.9	No
CA-05-1782-06	5/30/2007	Field duplicate	12	24	30	NA	1148699.1	651644.9	No
CA-05-1782-06	5/30/2007	Original	24	36	0.055	NA	1148699.1	651644.9	No
CA-05-1782-06	5/30/2007	Field duplicate	24	36	0.056	NA	1148699.1	651644.9	No
CA-05-1782-06	5/30/2007	Original	36	48	0.058	NA	1148699.1	651644.9	No
CA-05-1782-07	7/11/2006	Original	0	6	1.2	NA	1148450.1	651727.0	No
CA-05-2006-12	7/11/2006	Original	0	6	5.4	NA	1148136.9	650478.1	No
CA-05-2006-12	5/22/2007	Original	6	12	4.1	NA	1148136.9	650478.1	No
CA-05-2006-12	5/22/2007	Original	12	24	1.2	NA	1148136.9	650478.1	No
CA-05-2006-12	5/22/2007	Original	24	36	0.035	NA	1148136.9	650478.1	No
CMW-3	7/30/2004	Original	24	36	NA	< 1	1148770.8	651705.6	No
CMW-3	7/30/2004	Original	42	48	NA	< 1	1148770.8	651705.6	No
MP-1 (0-3")	6/4/2002	Original	0	3	2.9	> 1	1148091.6	650495.7	No
MP-1 (12-18")	10/8/2002	Original	12	18	NA	< 1	1148104.3	650476.1	No
MP-1 (6-12")	10/8/2002	Original	6	12	3.0	> 1	1148091.6	650495.7	No
MP-2 (0-3")	6/4/2002	Original	0	3	0.88	< 1	1148151.3	650565.9	No
MP-3 (0-3")	6/4/2002	Original	0	3	0.74	< 1	1148152.9	650715.0	No
MP-4 (0-3")	6/4/2002	Original	0	3	2.0	> 1	1148211.8	650642.3	No
MP-4 (12-18")	10/8/2002	Original	12	18	NA	< 1	1148211.8	650642.3	No
MP-4 (6-12")	10/8/2002	Original	6	12	0.41	< 1	1148211.8	650642.3	No

Table 3-5. OU-1/OU-2 CSSMA/Miller Property Area Interim Measures PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting	Sample Beneath IM Cover
MP-5 (0-3")	6/4/2002	Original	0	3	3.7	> 1	1148209.3	650747.6	No
MP-5 (12-18")	10/8/2002	Original	12	18	NA	< 1	1148209.3	650747.6	No
MP-5 (6-12")	10/8/2002	Original	6	12	0.58	< 1	1148209.3	650747.6	No
MP-8 (0-3")	6/4/2002	Original	0	3	2.4	> 1	1148215.7	650912.1	No
MP-8 (12-18")	10/8/2002	Original	12	18	NA	< 1	1148215.7	650912.1	No
MP-8 (6-12")	10/8/2002	Original	6	12	0.34	< 1	1148215.7	650912.1	No
PB-RR-42	3/25/2000	Original	0	3	ND	NA	1148840.9	651644.6	No
RASL164	3/22/1999	Original	0	3	ND	< 5	1148104.5	650509.0	No
SED-C1	3/19/1995	Original	0	3	41	NA	1148684.1	651396.4	No

[1] Figure 3-4 shows soil sample locations for the CSSMA/Miller property area.

[2] Depths listed for PCB data beneath the interim measure covers are below ground surface prior to installation of covers.

[3] Total PCB Screening (Immunoassay) concentrations were determined by USEPA Method 4020 (Immunoassay Field Screening Test Methods).

>: greater than
<: less than
IM: interim measure
mg/kg: milligrams per kilogram
NA: not applicable
ND: nondetect
OU: operable unit
PCB: polychlorinated biphenyl
ppm: parts per million
USEPA: United States Environmental Protection Agency

Table 3-6. OU-1/OU-2 11th Street Ditch Project PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting
11SD22+00	4/25/2000	Original	-	-	310	NA	1149094.8	652714.3
11SD22-1	4/25/2000	Original	-	-	7.9	NA	1149083.2	652709.5
11SD22-2	4/25/2000	Original	-	-	590	NA	1149106.8	652703.5
11SD22-3	4/25/2000	Original	-	-	92	NA	1149083.9	652734.2
11SD22-3-STL	4/25/2000	Original	-	-	22	NA	1149083.9	652734.2
11SD22-4	4/25/2000	Original	-	-	270	NA	1149059.6	652733.1
11SD23+00	4/25/2000	Original	-	-	14	NA	1149104.2	652730.5
11SD23+00-STL	4/25/2000	Field duplicate	-	-	190	NA	1149104.2	652730.5
11SD23-1	4/25/2000	Original	-	-	ND	NA	1149099.0	652744.8
11SD23-2	4/25/2000	Original	-	-	ND	NA	1149100.5	652759.0
11SD23-3	4/25/2000	Original	-	-	ND	NA	1149077.6	652752.6
11SD23-3-STL	4/25/2000	Original	-	-	0.061	NA	1149077.6	652752.6
11SD23-4	4/25/2000	Original	-	-	ND	NA	1149087.3	652759.4
11SD23-4-STL	4/25/2000	Original	-	-	0.61	NA	1149087.3	652759.4
11SD4+00	4/25/2000	Original	-	-	ND	NA	1148537.7	651041.0
11SD5+00	4/25/2000	Original	-	-	ND	NA	1148587.0	651127.8
11SD6+00	4/25/2000	Original	-	-	ND	NA	1148639.2	651214.2
11SD7+00	4/25/2000	Original	-	-	ND	NA	1148685.3	651301.3
11SD8+00	4/25/2000	Original	-	-	ND	NA	1148734.6	651386.4
11SD9+00	4/25/2000	Original	-	-	ND	NA	1148783.7	651474.6
11SDaSTA0	4/26/2001	Original	0	6	34	NA	1147034.2	648545.0
11SDaSTA1	4/26/2001	Original	0	6	9.3	NA	1146974.2	648579.5
11SDaSTA2	4/26/2001	Original	0	6	9.4	NA	1146892.5	648633.1
11SDaSTA3	4/26/2001	Original	0	6	20	NA	1146803.2	648688.1
11SDaSTA3	4/26/2001	Field duplicate	0	6	14	NA	1146803.2	648688.1
11SDaSTA4	4/26/2001	Original	0	6	43	NA	1146720.2	648735.3
11SDbSTA11	4/24/2001	Original	0	6	6.7	NA	1147579.8	649377.9
11SDbSTA12	4/24/2001	Original	0	6	7.4	NA	1147526.5	649286.7
11SDbSTA14	4/24/2001	Original	0	6	7	NA	1147427.9	649112.3
11SDbSTA15	4/24/2001	Original	0	6	1.5	NA	1147377.5	649026.5
11SDbSTA15	4/24/2001	Field duplicate	0	6	2.1	NA	1147377.5	649026.5
11SDbSTA16	4/24/2001	Original	0	6	1.2	NA	1147329.5	648938.3
11SDbSTA17	4/24/2001	Original	0	6	1.5	NA	1147278.4	648851.2
11SDbSTA18	4/25/2001	Original	0	6	1.7	NA	1147226.8	648764.3
11SDbSTA19	4/25/2001	Original	0	6	0.67	NA	1147176.0	648679.6
11SDbSTA20	4/25/2001	Original	0	6	1.5	NA	1147124.2	648592.5
11SDbSTA6	4/24/2001	Original	0	6	0.86	NA	1147837.1	649825.4
11SDbSTA7	4/24/2001	Original	0	6	0.91	NA	1147787.9	649737.6
11SDbSTA9	4/24/2001	Original	0	6	0.83	NA	1147721.0	649544.0

Table 3-6. OU-1/OU-2 11th Street Ditch Project PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting
11SDd1STA0	4/10/2001	Original	0	6	10	NA	1147904.7	650012.6
11SDd1STA0	4/10/2001	Field duplicate	0	6	13	NA	1147904.7	650012.6
11SDd1STA1	4/10/2001	Original	0	6	13	NA	1147849.2	649957.0
11SDd2STA1	4/10/2001	Original	0	6	7.2	NA	1147919.3	650260.7
11SDd2STA2	4/10/2001	Original	0	6	5.4	NA	1147881.6	650169.7
11SDd2STA3	4/10/2001	Original	0	6	3.9	NA	1147843.4	650076.9
11SDd2STA4	4/10/2001	Original	0	6	2.3	NA	1147800.8	649986.7
11SDD-3	4/1/2000	Original	0	6	3.9	NA	1148707.8	651318.5
11SDd3STA7	4/1/2001	Original	0	6	3.6	NA	1148322.7	650756.8
11SDd4STA0	4/10/2001	Original	0	6	2.5	NA	1148074.5	650671.1
11SDd4STA1	4/10/2001	Original	0	6	2.7	NA	1148041.8	650575.2
11SDd4STA2	4/10/2001	Original	0	6	2.9	NA	1148006.9	650478.7
11SDd4STA8	4/1/2001	Original	0	6	3.8	NA	1148272.8	650669.7
11SDd4STA9	4/1/2001	Original	0	6	5.6	NA	1148225.7	650581.8
11SDeSTA0	4/11/2001	Original	0	6	0.42	NA	1148670.8	651368.3
11SDeSTA1	4/11/2001	Original	0	6	1.1	NA	1148617.0	651279.9
11SDeSTA10	4/11/2001	Original	0	6	4.9	NA	1148174.2	650496.0
11SDeSTA2	4/11/2001	Original	0	6	1.8	NA	1148568.8	651191.2
11SDeSTA3	4/11/2001	Original	0	6	1.8	NA	1148517.0	651107.8
11SDeSTA4	4/11/2001	Original	0	6	2.2	NA	1148467.5	651019.2
11SDeSTA5	4/11/2001	Original	0	6	2.1	NA	1148417.4	650932.3
11SDeSTA6	4/11/2001	Original	0	6	1.6	NA	1148368.7	650845.1
APLP-1	3/28/2001	Original	0	12	82	> 50	1146875.2	648629.5
APLP-1	3/28/2001	Original	30	36	NA	< 1	1146875.2	648629.5
APLP-2	3/28/2001	Original	24	30	0.57	> 1	1146781.6	648693.8
APLP-2	3/28/2001	Original	0	12	29	> 1	1146781.6	648693.8
ASL106	10/15/1998	Original	0	3	1.1	> 5	1148286.7	650703.2
CSED0000	3/19/1996	Original	0	3	1.3	> 5	1147567.2	649345.3
CSL06	3/19/1996	Original	0	3	NA	< 5	1147712.2	649531.2
LINEASL01C	6/6/1996	Original	12	15	NA	< 5	1148532.8	650999.6
LINEASL01C	6/6/1996	Field duplicate	26	29	NA	< 5	1148532.8	650999.6
LINEASL01C	6/6/1996	Original	26	29	NA	< 5	1148532.8	650999.6
LINEASL02C	6/6/1996	Original	12	15	NA	< 5	1148711.8	651317.5
LINEASL05C	7/9/1996	Original	12	15	7.1	NA	1148875.5	651625.6
NRD-10	4/27/2000	Original	-	-	6.3	NA	1147260.1	648938.3
NRD-12	4/27/2000	Original	-	-	27	NA	1147360.2	649112.1
NRD-12-3	4/28/2000	Original	-	-	22	NA	1147350.8	649093.7
NRD-12-4	4/28/2000	Original	-	-	ND	NA	1147335.8	649067.4
NRD-13	4/27/2000	Original	-	-	ND	NA	1147414.8	649208.1

Table 3-6. OU-1/OU-2 11th Street Ditch Project PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting
NRD-14	4/27/2000	Original	-	-	ND	NA	1147466.6	649292.9
NRD-6	4/26/2000	Original	-	-	4.4	NA	1147064.6	648595.5
NRD-6-Qual	4/26/2000	Original	-	-	2.2	NA	1147064.6	648595.5
NRD-8	4/27/2000	Original	-	-	ND	NA	1147160.0	648766.5
NRD-8-Dry	4/27/2000	Original	-	-	0.6	NA	1147160.0	648766.5
NRD-9	4/27/2000	Original	-	-	0.9	NA	1147210.3	648852.9
NRD-9-Dry	4/27/2000	Original	-	-	2.5	NA	1147210.3	648852.9
NRD-9-Dry	4/27/2000	Field duplicate	-	-	4.6	NA	1147210.3	648852.9
NRD-NSD	4/28/2000	Original	-	-	8.1	NA	1147038.0	648552.7
NRD-NSD-Dry	4/28/2000	Original	-	-	16	NA	1147038.0	648552.7
PA-129-A	2/17/2000	Original	-	-	0.045	NA	1147045.9	648554.2
PB-AP-02	3/27/2000	Original	-	-	120	NA	1147004.0	648571.4
PB-AP-09	3/27/2000	Original	-	-	11	NA	1146827.1	648689.2
PB-AP-12	3/27/2000	Original	-	-	330	NA	1146753.4	648717.1
PB-AP-17	3/27/2000	Original	-	-	490	NA	1146665.2	648718.4
PB-AP-41	3/27/2000	Original	-	-	ND	NA	1146827.1	648689.2
PB-RR-09	3/25/2000	Original	-	-	4.2	NA	1147053.6	648555.8
PB-RR-12	3/25/2000	Original	-	-	3.1	NA	1147275.0	648840.7
PECON-009	7/26/2000	Original	-	-	500	NA	1149108.6	652718.3
RR-1	8/23/2004	Original	-	-	4.9	NA	1147748.7	649796.1
RR-2	9/10/2004	Original	-	-	0.72	NA	1147805.8	649769.0
RR-3	9/22/2004	Original	-	-	0.86	NA	1147359.1	648991.3
RR-4	10/7/2004	Original	-	-	8.9	NA	1147349.1	649083.7
RR-5	10/27/2004	Original	-	-	5.9	NA	1148232.2	650489.0
RR-6	11/16/2004	Original	-	-	89	NA	1149102.3	652609.9
RR-7	12/16/2004	Original	-	-	0.75	NA	1148431.2	650962.8
SED-06	5/6/1994	Original	0	12	220	NA	1146730.0	648747.0
SED-07	5/6/1994	Original	0	12	95	NA	1146803.0	648700.0
SED-08A	5/6/1994	Original	0	12	140	NA	1146903.0	648634.0

Table 3-6. OU-1/OU-2 11th Street Ditch Project PCB Data
Anniston PCB Site, Anniston, Alabama

Field Sample ID [1]	Sample Date	Sample Type	Depth Minimum (inches) [2]	Depth Maximum (inches) [2]	Total PCB (mg/kg)	Total PCB Screening (Immunoassay) (ppm) [3]	Northing	Easting
SED-08B	5/6/1994	Original	0	12	62	NA	1147018.0	648562.0
SED-A3	3/19/1995	Original	0	3	72	NA	1147048.7	648554.9
SED-A6	3/19/1995	Original	0	3	8.2	NA	1148820.1	651523.9
WELPP-003	11/17/1995	Original	0	3	28	NA	1147038.6	648551.1

[1] Figures 3-8a through 3-8e show soil sample locations in areas beneath the 11th Street Ditch cover system.

[2] The PCB data represent conditions below the 11th Street Ditch cover system. Depths listed are prior to installation of covers.

[3] Total PCB Screening (Immunoassay) concentrations were determined by USEPA Method 4020 (Immunoassay Field Screening Test Methods).

>: greater than
<: less than
-: depth information not available
mg/kg: milligrams per kilogram
NA: not applicable
ND: nondetect
OU: operable unit
PCB: polychlorinated biphenyl
ppm: parts per million
USEPA: United States Environmental Protection Agency

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Miscellaneous Programs	1	3224	CWM-1,2,5	1,143,889.2	649,402.3	CWM-1,2,5	Original	4/25/2011	0.00	12.00	0.72
Miscellaneous Programs	1	3224	CWM-3,4,6	1,143,893.5	649,679.4	CWM-3,4,6	Original	4/25/2011	0.00	12.00	0.15
Nonresidential OU-1/OU-2 FSP	1	3928	CA-01-3928-01	1,144,527.0	648,541.9	S70396	Original	9/26/2006	0.00	0.50	0.42
Nonresidential OU-1/OU-2 FSP	1	3928	CA-01-3928-02	1,144,968.1	648,554.7	S70397	Original	9/26/2006	0.00	0.50	0.55
Nonresidential OU-1/OU-2 FSP	1	3928	CA-01-3928-02	1,144,968.1	648,554.7	S70398	Field Duplicate	9/26/2006	0.00	0.50	0.61
Nonresidential OU-1/OU-2 FSP	1	3928	CA-01-3928-03	1,144,476.9	648,599.0	S70399	Original	9/26/2006	0.00	0.50	0.37
Nonresidential OU-1/OU-2 FSP	1	3928	CA-01-3928-04	1,144,763.2	648,608.2	S70400	Original	9/26/2006	0.00	0.50	0.23
Nonresidential OU-1/OU-2 FSP	1	4760	CA-01-4760-05	1,143,422.0	648,555.3	S70401	Original	9/28/2006	0.00	0.50	1.2
Nonresidential OU-1/OU-2 FSP	1	9999	CA-01-9999-06	1,146,305.7	647,500.6	S70402	Original	9/26/2006	0.00	0.50	1.3
Nonresidential OU-1/OU-2 FSP	1	9999	CA-01-9999-07	1,146,192.9	647,532.9	S70403	Original	9/26/2006	0.00	0.50	3.7 J
Nonresidential OU-1/OU-2 FSP	1	9999	CA-01-9999-08	1,146,411.7	647,551.6	S70404	Original	9/26/2006	0.00	0.50	5.8
Nonresidential OU-1/OU-2 FSP	1	9999	CA-01-9999-08	1,146,411.7	647,551.6	S70501	Original	5/23/2007	0.50	1.00	24 J
Residential Sampling	1	3950	CA-1-RES-3950-A	1,144,862.6	648,444.5	2202OBH-3A	Original	11/19/2002	0.00	0.25	7.4 J
Residential Sampling	1	3950	CA-1-RES-3950-B	1,144,862.6	648,444.5	2202OBH-3B	Original	11/19/2002	0.00	0.25	8.0 J
Special Use Sampling	1	3341	CA-1-SU-3341-B	1,145,840.5	647,474.8	3341-LA-3B	Original	1/31/2007	0.00	0.25	1.6 U
Special Use Sampling	1	3402	CA-1-SU-3402-A	1,145,736.5	647,452.1	3402-LA-3A	Original	1/31/2007	0.00	0.25	0.65 J
Special Use Sampling	1	3402	CA-1-SU-3402-B	1,145,658.7	647,452.5	3402-LA-3B	Original	1/31/2007	0.00	0.25	20
Special Use Sampling	1	3503	CA-1-3503-LA-A	1,145,170.6	648,157.4	3503-LA-3A	Original	5/14/2008	0.00	0.25	0.32
Special Use Sampling	1	3503	CA-1-3503-LA-A	1,145,170.6	648,157.4	3503-LA-3A-X	Field Duplicate	5/14/2008	0.00	0.25	0.43 J
Special Use Sampling	1	3503	CA-1-3503-LA-B	1,145,161.2	647,971.9	3503-LA-3B	Original	5/14/2008	0.00	0.25	0.30
Special Use Sampling	1	3503	CA-1-3503-LA-C	1,145,269.1	648,215.5	3503-LA-3C	Original	5/14/2008	0.00	0.25	0.50
Special Use Sampling	1	3503	CA-1-3503-LA-D	1,145,312.7	648,210.1	3503-LA-3D	Original	5/14/2008	0.00	0.25	1.6
Special Use Sampling	1	3503	CA-1-3503-LA-F	1,145,256.3	648,051.2	3503-LA-3F	Original	5/14/2008	0.00	0.25	0.21
USEPA Programs	1	3965	PC-036-A	1,144,921.2	648,338.4	PC-036-A	Original	4/26/2000	0.00	0.25	0.60 J
USEPA Programs	1	4006	FC1-0026-A	1,144,821.2	648,220.3	FC1-0026-A	Original	5/6/2000	0.00	0.25	0.19 U
USEPA Programs	1	4006	FC1-0026-B	1,144,793.4	648,129.0	FC1-0026-B	Original	5/6/2000	0.00	0.25	5.3
9th Street Ditch	2	2156	W9_2156_LBSTA1	1,148,274.7	648,331.5	W9SC2156LBSTA1COMP	Original	10/31/2002	0.00	0.50	1.8
9th Street Ditch	2	2156	W9_2156_RBSTA1	1,148,274.7	648,331.5	W9SC2156RBSTA1COMP	Original	10/31/2002	0.00	0.50	0.98
Miscellaneous Programs	2	1909	1006CA-A	1,148,905.8	650,337.0	1006CA-3A	Original	9/14/2001	0.00	0.25	0.97
Miscellaneous Programs	2	1909	1006CA-A	1,148,905.8	650,337.0	1006CA-6A	Original	9/14/2001	0.25	0.50	0.45
Miscellaneous Programs	2	1909	1006CA-B	1,148,892.3	650,148.5	1006CA-3B	Original	9/14/2001	0.00	0.25	2.1
Miscellaneous Programs	2	1909	1006CA-B	1,148,892.3	650,148.5	1006CA-6B	Original	9/14/2001	0.25	0.50	1.3
Miscellaneous Programs	2	1909	1006CA-C	1,148,708.4	650,276.6	1006CA-3C	Original	9/14/2001	0.00	0.25	1.4
Miscellaneous Programs	2	1909	1006CA-C	1,148,708.4	650,276.6	1006CA-6C	Original	9/14/2001	0.25	0.50	2.5
Miscellaneous Programs	2	1909	1006CA-D	1,148,646.4	650,297.4	1006CA-3D	Original	9/14/2001	0.00	0.25	4.4 J

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Miscellaneous Programs	2	1909	1006CA-D	1,148,646.4	650,297.4	1006CA-6D	Original	9/14/2001	0.25	0.50	3.0
Nonresidential OU-1/OU-2 FSP	2	1471	CA-02-1471-03	1,149,259.5	649,331.8	S70004	Original	7/13/2006	0.00	0.50	0.71
Nonresidential OU-1/OU-2 FSP	2	1471	CA-02-1471-04	1,149,097.1	649,397.0	S70005	Original	7/12/2006	0.00	0.50	0.035 U
Nonresidential OU-1/OU-2 FSP	2	1471	CA-02-1471-05	1,149,086.1	649,558.0	S70006	Original	7/12/2006	0.00	0.50	1.3
Nonresidential OU-1/OU-2 FSP	2	1471	CA-02-1471-06	1,149,272.9	649,580.9	S70007	Original	7/12/2006	0.00	0.50	1.6
Nonresidential OU-1/OU-2 FSP	2	1741	CA-02-1741-07	1,148,952.8	650,301.4	S70008	Original	7/12/2006	0.00	0.50	2.5
Nonresidential OU-1/OU-2 FSP	2	1871	CA-02-1871-08	1,148,755.6	650,168.3	S70009	Original	7/12/2006	0.00	0.50	0.71
Nonresidential OU-1/OU-2 FSP	2	1909	CA-02-1909-90	1,148,653.7	650,281.8	FC2-0010-B	Original	4/28/2000	0.00	0.25	12 J
Nonresidential OU-1/OU-2 FSP	2	1909	CA-02-1909-90	1,148,653.7	650,281.8	S70511	Original	5/21/2007	0.50	1.00	1.5 J
Nonresidential OU-1/OU-2 FSP	2	1966	CA-02-1966-11	1,148,628.1	650,254.8	S70012	Original	7/12/2006	0.00	0.50	4.9
Residential Sampling	2	2080	FC3-0048-A	1,148,387.2	649,286.5	FC3-0048-A	Original	5/7/2000	0.00	0.25	0.30 J
Residential Sampling	2	2080	FC3-0048-C	1,148,394.9	649,317.6	FC3-0048-C	Original	5/7/2000	0.00	0.25	1.6 J
Residential Sampling	2	2080	FC3-0048-D	1,148,419.3	649,319.5	FC3-0048-D	Original	5/7/2000	0.00	0.25	0.18 U
Residential Sampling	2	2156	PC-041-B	1,148,280.3	648,496.0	PC-041-B	Original	4/26/2000	0.00	0.25	1.1
Special Use Sampling	2	1467	CA-02-SU-1467-LA-B	1,149,406.4	650,087.0	1467-LA-3B	Original	2/13/2008	0.00	0.25	0.61
Special Use Sampling	2	1467	CA-02-SU-1467-LA-C	1,149,402.6	650,034.2	1467-LA-3C	Original	2/13/2008	0.00	0.25	0.66
Special Use Sampling	2	1589	CA-2-SU-1589-LA-A	1,149,040.9	649,828.0	1589-LA-3A	Original	2/18/2009	0.00	0.25	0.22
USEPA Programs	2	1467	FC4-0029-D	1,149,412.0	650,055.0	FC4-0029-D	Original	5/5/2000	0.00	0.25	0.39 J
USEPA Programs	2	1467	FC4-0029-E	1,149,395.0	650,010.0	FC4-0029-E	Original	5/5/2000	0.00	0.25	1.5 J
USEPA Programs	2	1467	FC4-0029-F	1,149,436.0	650,032.8	FC4-0029-F	Original	5/5/2000	0.00	0.25	0.75
USEPA Programs	2	1471	FC4-0033-B	1,149,287.9	649,553.5	FC4-0033-B	Original	5/5/2000	0.00	0.25	0.35 J
USEPA Programs	2	1471	FC4-0033-C	1,149,254.9	649,487.6	FC4-0033-C	Original	5/5/2000	0.00	0.25	1.0 J
USEPA Programs	2	1741	FC4-0022-B	1,148,793.2	650,216.8	FC4-0022-B	Original	5/4/2000	0.00	0.25	0.93 J
USEPA Programs	2	1741	FC4-0023-A	1,148,937.8	650,223.2	FC4-0023-A	Original	5/4/2000	0.00	0.25	0.21 U
USEPA Programs	2	1741	FC4-0023-B	1,148,928.4	650,196.7	FC4-0023-B	Original	5/4/2000	0.00	0.25	0.19 U
USEPA Programs	2	1741	FC4-0023-C	1,148,943.0	650,179.4	FC4-0023-C	Original	5/4/2000	0.00	0.25	0.96 J
USEPA Programs	2	1744	FC4-0023-D	1,148,924.9	650,142.4	FC4-0023-D	Original	5/4/2000	0.00	0.25	0.65 J
USEPA Programs	2	1870	FC2-0009-A	1,148,740.5	650,337.4	FC2-0009-A	Original	4/28/2000	0.00	0.25	2.2 J
USEPA Programs	2	1870	FC2-0009-B	1,148,718.0	650,247.6	FC2-0009-B	Original	4/28/2000	0.00	0.25	2.1 J
USEPA Programs	2	1909	FC2-0010-A	1,148,660.7	650,327.7	FC2-0010-A	Original	4/28/2000	0.00	0.25	12 J
USEPA Programs	2	1954	PD1-029-A	1,148,621.1	650,164.9	PD1-029-A	Original	6/20/2000	0.00	0.25	8.3 J
USEPA Programs	2	1966	PD1-028-B	1,148,600.7	650,302.6	PD1-028-B	Original	6/20/2000	0.00	0.25	5.0 J
USEPA Programs	2	2067	FC4-0019-A	1,148,375.1	649,105.3	FC4-0019-A	Original	5/3/2000	0.00	0.25	19 U
USEPA Programs	2	2067	FC4-0019-A2	1,148,415.9	649,171.4	FC4-0019-A2	Original	5/3/2000	0.00	0.25	25 U
USEPA Programs	2	2067	PE-063-A	1,148,436.0	649,097.7	PE-063-A	Original	7/25/2000	0.00	0.25	4.2 U

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
USEPA Programs	2	2067	PE-063-B	1,148,452.2	649,230.8	PE-063-B	Original	7/25/2000	0.00	0.25	0.75 J
USEPA Programs	2	2068	FC4-0018-A	1,148,397.7	649,089.8	FC4-0018-A	Original	5/3/2000	0.00	0.25	0.72 J
USEPA Programs	2	2068	FC4-0018-D	1,148,350.9	648,979.9	FC4-0018-D	Original	5/3/2000	0.00	0.25	0.34 J
USEPA Programs	2	2068	PC-082-A	1,148,422.6	649,089.2	PC-082-A	Original	4/26/2000	0.00	0.25	0.11 J
USEPA Programs	2	2068	PD1-022-A	1,148,427.2	649,001.2	PD1-022-A	Original	6/19/2000	0.00	0.25	0.73 J
USEPA Programs	2	2068	PD1-022-B	1,148,408.8	649,088.7	PD1-022-B	Original	6/19/2000	0.00	0.25	0.86 J
USEPA Programs	2	2079	FC4-0017-A	1,148,420.4	649,517.0	FC4-0017-A	Original	5/3/2000	0.00	0.25	1.3 J
USEPA Programs	2	2079	FC4-0017-B	1,148,357.1	649,484.8	FC4-0017-B	Original	5/3/2000	0.00	0.25	2.0 J
USEPA Programs	2	2079	FC4-0017-C	1,148,329.4	649,603.5	FC4-0017-C	Original	5/3/2000	0.00	0.25	0.39 J
USEPA Programs	2	2079	FC4-0017-D	1,148,463.8	649,596.3	FC4-0017-D	Original	5/3/2000	0.00	0.25	0.36 J
USEPA Programs	2	2127	FC1-0018-A	1,148,340.3	648,463.4	FC1-0018-A	Original	5/1/2000	0.00	0.25	0.17 U
USEPA Programs	2	2127	FC1-0018-B	1,148,295.6	648,341.5	FC1-0018-B	Original	5/1/2000	0.00	0.25	2.7 J
USEPA Programs	2	2127	FC1-0018-C	1,148,289.2	648,322.8	FC1-0018-C	Original	5/1/2000	0.00	0.25	2.0 U
USEPA Programs	2	2127	FC1-0018-D	1,148,217.0	648,037.4	FC1-0018-D	Original	5/1/2000	0.00	0.25	0.19 U
USEPA Programs	2	2127	PE-060-A	1,148,364.0	648,533.9	PE-060-A	Original	7/25/2000	0.00	0.25	0.31 J
USEPA Programs	2	2127	PE-060-B	1,148,272.2	648,189.4	PE-060-B	Original	7/25/2000	0.00	0.25	2.1
Miscellaneous Programs	3	1806	LINEASL01D	1,148,541.9	650,996.1	LINEASL01D	Original	6/6/1996	0.00	0.25	27
Miscellaneous Programs	3	1806	LINEASL01E	1,148,556.1	650,990.7	LINEASL01E	Original	6/6/1996	0.00	0.25	11
Miscellaneous Programs	3	1806	LINEASL01F	1,148,565.5	650,987.1	LINEASL01F	Original	6/6/1996	0.00	0.25	1.1 U
Miscellaneous Programs	3	1806	LINEASL02D	1,148,720.9	651,314.0	LINEASL02D	Original	6/6/1996	0.00	0.25	20
Miscellaneous Programs	3	1806	LINEASL02E	1,148,735.1	651,308.5	LINEASL02E	Original	6/6/1996	0.00	0.25	29
Miscellaneous Programs	3	1806	LINEASL02F	1,148,744.4	651,305.0	LINEASL02F	Original	6/6/1996	0.00	0.25	6.8
Miscellaneous Programs	3	2018	ESL097	1,148,340.5	650,481.6	ESL97	Original	7/24/1996	0.00	0.25	7.1
Miscellaneous Programs	3	2018	ESL098	1,148,370.9	650,520.7	ESL98	Original	7/24/1996	0.00	0.25	4.3
Miscellaneous Programs	3	2018	ESL099	1,148,411.7	650,556.3	ESL99	Original	7/24/1996	0.00	0.25	1.2 U
Miscellaneous Programs	3	2018	ESL100	1,148,375.2	650,576.3	ESL100	Original	7/24/1996	0.00	0.25	3.9
Miscellaneous Programs	3	2018	ESL101	1,148,298.7	650,559.8	ESL101	Original	7/24/1996	0.00	0.25	5.5
Miscellaneous Programs	3	2018	ESL102	1,148,388.2	650,691.0	ESL102	Original	7/24/1996	0.00	0.25	4.3
Miscellaneous Programs	3	2018	ESL103	1,148,384.3	650,704.4	ESL103	Original	8/15/1996	0.00	0.25	3.8
Miscellaneous Programs	3	2018	ESL105	1,148,491.6	650,712.5	ESL105	Original	8/15/1996	0.00	0.25	1.2 U
Nonresidential OU-1/OU-2 FSP	3	1449	CA-03-1449-01	1,149,469.0	650,428.0	S70013	Original	7/13/2006	0.00	0.50	0.25
Nonresidential OU-1/OU-2 FSP	3	1449	CA-03-1449-02	1,149,440.1	650,499.9	S70014	Original	7/13/2006	0.00	0.50	0.30
Nonresidential OU-1/OU-2 FSP	3	1450	CA-03-1450-03	1,149,409.0	650,560.9	S70015	Original	7/13/2006	0.00	0.50	0.77
Nonresidential OU-1/OU-2 FSP	3	1529	CA-03-1529-04	1,149,230.1	650,402.0	S70016	Original	7/13/2006	0.00	0.50	0.36
Nonresidential OU-1/OU-2 FSP	3	1805	CA-03-1805-05	1,148,839.1	650,808.0	S70017	Original	7/13/2006	0.00	0.50	0.36 J
Nonresidential OU-1/OU-2 FSP	3	1805	CA-03-1805-06	1,148,825.9	650,967.0	S70018	Original	7/13/2006	0.00	0.50	0.60 J
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-07	1,148,715.0	650,757.9	S70019	Original	7/13/2006	0.00	0.50	0.045
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-08	1,148,595.0	650,790.0	S70020	Original	7/13/2006	0.00	0.50	0.048
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-09	1,148,536.0	650,794.0	S70021	Original	7/13/2006	0.00	0.50	0.48

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-10	1,148,602.0	650,842.9	S70022	Original	7/13/2006	0.00	0.50	0.036 U
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-11	1,148,775.0	650,861.0	S70023	Original	7/13/2006	0.00	0.50	0.15 J
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-12	1,148,722.1	650,888.0	S70024	Original	7/13/2006	0.00	0.50	0.28 J
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-13	1,148,655.1	650,900.0	S70025	Original	7/13/2006	0.00	0.50	0.32 J
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-14	1,148,759.9	650,970.0	S70026	Original	7/13/2006	0.00	0.50	0.64
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-15	1,148,639.9	651,002.0	S70027	Original	7/13/2006	0.00	0.50	0.32
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-15	1,148,639.9	651,002.0	S70028	Field Duplicate	7/13/2006	0.00	0.50	0.34
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-16	1,148,706.9	651,019.9	S70029	Original	7/13/2006	0.00	0.50	0.28 J
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-17	1,148,820.0	651,179.1	S70030	Original	7/13/2006	0.00	0.50	0.22 J
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-18	1,148,796.0	651,417.9	S70031	Original	7/13/2006	0.00	0.50	15
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-18	1,148,796.0	651,417.9	S70516	Original	5/22/2007	0.50	1.00	45 J
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-18	1,148,796.0	651,417.9	S70517	Original	5/22/2007	1.00	2.00	12 J
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-18	1,148,796.0	651,417.9	S70518	Original	5/22/2007	2.00	3.00	0.059
Nonresidential OU-1/OU-2 FSP	3	2018	CA-03-2018-19	1,148,506.0	650,578.0	S70032	Original	7/13/2006	0.00	0.50	0.89
Nonresidential OU-1/OU-2 FSP	3	2018	CA-03-2018-20	1,148,422.9	650,684.0	S70033	Original	7/13/2006	0.00	0.50	1.9
Special Use Sampling	3	1700	CA-3-SU-1700-LA-B	1,148,905.9	650,439.0	1700-LA-3B	Original	3/24/2009	0.00	0.25	1.1
Special Use Sampling	3	1700	CA-3-SU-1700-LA-C	1,148,959.9	650,481.3	1700-LA-3C	Original	3/24/2009	0.00	0.25	0.78
Special Use Sampling	3	1803	CA-3-SU-1803-LA-C	1,148,822.3	650,508.9	1803-LA-3C	Original	3/24/2009	0.00	0.25	0.71
9th Street Ditch	4	1191	W9_1191_LBSTA1	1,149,905.1	650,463.4	W9SC1191LBSTA1COMP	Original	10/29/2002	0.00	0.50	0.82
9th Street Ditch	4	1191	W9_1191_LBSTA2	1,149,859.5	650,397.9	W9SC1191LBSTA2COMP	Original	10/29/2002	0.00	0.50	0.32
9th Street Ditch	4	1191	W9_1191_RBSTA1	1,149,905.1	650,463.4	W9SC1191RBSTA1COMP	Original	10/29/2002	0.00	0.50	2.6
9th Street Ditch	4	1191	W9_1191_RBSTA2	1,149,859.5	650,397.9	W9SC1191RBSTA2COMP	Original	10/29/2002	0.00	0.50	1.7
Miscellaneous Programs	4	1353	HA-049	1,149,554.1	650,111.7	HA-49	Original	5/3/2000	0.00	0.50	0.50 U
Miscellaneous Programs	4	1353	HA-049	1,149,554.1	650,111.7	HA-49 (12-15)	Original	5/3/2000	1.00	1.25	0.50 U
Miscellaneous Programs	4	1353	HA-050	1,149,598.6	650,112.0	HA-50	Original	5/3/2000	0.00	0.50	0.50 U
Miscellaneous Programs	4	1353	HA-050	1,149,598.6	650,112.0	HA-50 (12-15)	Original	5/3/2000	1.00	1.25	0.50 U
Miscellaneous Programs	4	1353	HA-051	1,149,599.0	650,148.7	HA-51	Original	5/3/2000	0.00	0.50	0.50 U
Miscellaneous Programs	4	1353	HA-051	1,149,599.0	650,148.7	HA-51-dup	Field Duplicate	5/3/2000	0.00	0.50	0.50 U
Miscellaneous Programs	4	1353	HA-051	1,149,599.0	650,148.7	HA-51 (12-15)	Original	5/3/2000	1.00	1.25	0.50 U
Miscellaneous Programs	4	1353	HA-052	1,149,643.5	650,148.6	HA-52	Original	5/3/2000	0.00	0.50	0.50 U
Miscellaneous Programs	4	1353	HA-052	1,149,643.5	650,148.6	HA-52 (12-15)	Original	5/3/2000	1.00	1.25	0.50 U
Miscellaneous Programs	4	1353	HA-053	1,149,599.5	650,186.6	HA-53	Original	5/3/2000	0.00	0.50	0.50 U
Miscellaneous Programs	4	1353	HA-053	1,149,599.5	650,186.6	HA-53 (12-15)	Original	5/3/2000	1.00	1.25	0.50 U
Miscellaneous Programs	4	1353	HA-054	1,149,644.5	650,185.1	HA-54	Original	5/3/2000	0.00	0.50	0.50 U
Nonresidential OU-1/OU-2 FSP	4	900	CA-04-0900-01	1,150,359.1	651,589.9	S70044	Original	7/14/2006	0.00	0.50	0.23
Nonresidential OU-1/OU-2 FSP	4	900	CA-04-0900-01	1,150,359.1	651,589.9	S70045	Field Duplicate	7/14/2006	0.00	0.50	0.26
Nonresidential OU-1/OU-2 FSP	4	901	CA-04-0901-02	1,150,268.1	651,632.0	S70046	Original	7/14/2006	0.00	0.50	0.26
Nonresidential OU-1/OU-2 FSP	4	904	CA-04-0904-03	1,150,107.0	651,296.1	S70047	Original	7/14/2006	0.00	0.50	0.57
Nonresidential OU-1/OU-2 FSP	4	904	CA-04-0904-04	1,150,029.3	651,336.2	S70048	Original	7/14/2006	0.00	0.50	0.91

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	4	904	CA-04-0904-05	1,150,386.0	651,374.1	S70049	Original	7/14/2006	0.00	0.50	0.80 J
Nonresidential OU-1/OU-2 FSP	4	1015	CA-04-1015-07	1,150,038.0	651,688.1	S70034	Original	7/14/2006	0.00	0.50	0.39
Nonresidential OU-1/OU-2 FSP	4	1015	CA-04-1015-08	1,150,130.1	651,715.9	S70035	Original	7/14/2006	0.00	0.50	0.039 U
Nonresidential OU-1/OU-2 FSP	4	1080	CA-04-1080-09	1,149,980.0	651,786.1	S70036	Original	7/14/2006	0.00	0.50	0.69
Nonresidential OU-1/OU-2 FSP	4	1080	CA-04-1080-10	1,150,099.1	651,841.0	S70037	Original	7/14/2006	0.00	0.50	0.36
Nonresidential OU-1/OU-2 FSP	4	1183	CA-04-1183-11	1,149,809.0	651,646.0	S70038	Original	7/14/2006	0.00	0.50	0.32
Nonresidential OU-1/OU-2 FSP	4	1213	CA-04-1213-12	1,149,843.0	650,639.0	S70039	Original	7/14/2006	0.00	0.50	0.40 J
Nonresidential OU-1/OU-2 FSP	4	1295	CA-04-1295-13	1,149,723.2	650,234.5	S70040	Original	7/14/2006	0.00	0.50	0.84
Nonresidential OU-1/OU-2 FSP	4	1298	CA-04-1298-14	1,149,685.3	650,484.2	S70041	Original	7/14/2006	0.00	0.50	0.76 J
Nonresidential OU-1/OU-2 FSP	4	1353	CA-04-1353-15	1,149,636.9	650,190.9	S70042	Original	7/14/2006	0.00	0.50	0.084
Nonresidential OU-1/OU-2 FSP	4	1365	CA-04-1365-16	1,149,591.0	650,401.0	S70043	Original	7/14/2006	0.00	0.50	1.2
Residential Sampling	4	904	FC3-0003-A	1,149,997.3	651,401.2	FC3-0003-A	Original	5/1/2000	0.00	0.25	1.8 J
Residential Sampling	4	904	FC3-0003-B	1,150,005.5	651,365.2	FC3-0003-B	Original	5/1/2000	0.00	0.25	1.6
Residential Sampling	4	904	FC3-0003-C	1,150,016.1	651,322.3	FC3-0003-C	Original	5/1/2000	0.00	0.25	0.91 J
Residential Sampling	4	904	FC3-0003-D	1,149,987.3	651,304.7	FC3-0003-D	Original	5/1/2000	0.00	0.25	1.3
Special Use Sampling	4	904	CA-4-SU-904-A	1,150,087.7	651,328.9	904-LA-3A	Original	1/30/2007	0.00	0.25	0.27
Special Use Sampling	4	1350	CA-04-SU-1349-LA-E	1,149,643.2	651,296.0	1349-LA-3E	Original	3/11/2008	0.00	0.25	0.80 J
USEPA Programs	4	900	PE-012-B	1,150,329.5	651,590.4	PE-012-B	Original	7/25/2000	0.00	0.25	0.28 J
USEPA Programs	4	901	PE-012-A	1,150,369.6	651,616.9	PE-012-A	Original	7/25/2000	0.00	0.25	0.36 J
USEPA Programs	4	904	PF-023-A	1,150,118.0	651,382.5	PF-023-A	Original		0.00	0.25	0.78 J
USEPA Programs	4	904	PF-024-A	1,150,120.5	651,299.0	PF-024-A	Original		0.00	0.25	0.77 J
USEPA Programs	4	904	PF-027-A	1,150,282.8	651,283.7	PF-027-A	Original		0.00	0.25	0.97 J
USEPA Programs	4	904	PF-028-A	1,150,289.8	651,358.4	PF-028-A	Original		0.00	0.25	0.74 J
USEPA Programs	4	904	PF-030-A	1,150,370.1	651,331.8	PF-030-A	Original	1/1/2000	0.00	0.25	0.94 J
USEPA Programs	4	942	PC-083-A	1,150,277.2	651,823.4	PC-083-A	Original	4/26/2000	0.00	0.25	0.11 J
USEPA Programs	4	942	PC-083-B	1,150,280.1	651,768.3	PC-083-B	Original	4/26/2000	0.00	0.25	0.040 U
USEPA Programs	4	988	PF-029-A	1,150,202.8	651,482.4	PF-029-A	Original		0.00	0.25	0.044 U
USEPA Programs	4	1180	PC-084-A	1,149,910.7	651,875.8	PC-084-A	Original	4/25/2000	0.00	0.25	0.67 J
USEPA Programs	4	1180	PC-084-B	1,149,900.3	651,801.4	PC-084-B	Original	4/25/2000	0.00	0.25	0.12 J
USEPA Programs	4	1213	FC2-0076-E	1,149,864.6	650,556.6	FC2-0076-E	Original	5/7/2000	0.00	0.25	0.90
USEPA Programs	4	1213	PE-014-A	1,149,860.6	650,700.3	PE-014-A	Original	7/25/2000	0.00	0.25	1.8
USEPA Programs	4	1213	PE-014-B	1,149,847.1	650,637.2	PE-014-B	Original	7/25/2000	0.00	0.25	0.81 J
USEPA Programs	4	1267	PE-002-A	1,149,763.5	651,454.3	PE-002-A	Original	7/24/2000	0.00	0.25	0.26 J
USEPA Programs	4	1267	PE-002-B	1,149,754.6	651,525.7	PE-002-B	Original	7/24/2000	0.00	0.25	0.43 J
USEPA Programs	4	1267	PE-003-A	1,149,769.4	651,449.1	PE-003-A	Original	7/24/2000	0.00	0.25	0.64 J
USEPA Programs	4	1267	PE-003-B	1,149,764.9	651,595.0	PE-003-B	Original	7/24/2000	0.00	0.25	0.22 J
USEPA Programs	4	1346	PE-001-B	1,149,650.7	651,476.8	PE-001-B	Original	7/24/2000	0.00	0.25	0.18 J
USEPA Programs	4	1352	FC4-0024-A	1,149,618.7	650,172.2	FC4-0024-A	Original	5/4/2000	0.00	0.25	0.18 U
USEPA Programs	4	1352	FC4-0024-B	1,149,600.1	650,164.4	FC4-0024-B	Original	5/4/2000	0.00	0.25	1.7 J

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
CSSMA	5	1782	ASED300	1,148,680.6	651,387.4	ASED300	Original	10/3/1996	0.00	0.25	130
CSSMA	5	1782	ASED350	1,148,704.5	651,429.0	ASED350	Original	10/3/1996	0.00	0.25	39
CSSMA	5	1782	ASED400	1,148,732.5	651,479.6	ASED400	Original	10/3/1996	0.00	0.25	77
CSSMA	5	1782	ASED450	1,148,751.7	651,522.7	ASED450	Original	10/3/1996	0.00	0.25	110
CSSMA	5	1782	ASED500	1,148,777.3	651,565.8	ASED500	Original	10/3/1996	0.00	0.25	82
CSSMA	5	1782	ASED550	1,148,800.9	651,604.7	ASED550	Original	10/3/1996	0.00	0.25	280
CSSMA	5	1782	ASL055	1,148,474.8	651,604.4	ASL55	Original	10/4/1996	0.00	0.25	9.8
CSSMA	5	1782	SED-C1	1,148,684.1	651,396.4	SED-C1	Original	3/19/1995	0.00	0.25	41
Miller Property	5	1782	MP-03	1,148,152.9	650,715.0	MP-3 (0-3")	Original	6/4/2002	0.00	0.25	0.74 J
Miller Property	5	1782	MP-08	1,148,210.1	650,927.0	MP-8 (0-3")	Original	6/4/2002	0.00	0.25	2.4 J
Miller Property	5	1782	MP-08	1,148,210.1	650,927.0	MP-8 (6-12")	Original	10/8/2002	0.50	1.00	0.34
Miller Property	5	2006	MP-01	1,148,091.6	650,495.7	MP-1 (0-3")	Original	6/4/2002	0.00	0.25	2.9
Miller Property	5	2006	MP-01	1,148,091.6	650,495.7	MP-1 (6-12")	Original	10/8/2002	0.50	1.00	2.4
Miller Property	5	2006	MP-02	1,148,139.6	650,576.8	MP-2 (0-3")	Original	6/4/2002	0.00	0.25	0.88 J
Miller Property	5	2006	MP-04	1,148,215.5	650,640.6	MP-4 (0-3")	Original	6/4/2002	0.00	0.25	2.0 J
Miller Property	5	2006	MP-04	1,148,215.5	650,640.6	MP-4 (6-12")	Original	10/8/2002	0.50	1.00	0.41
Miller Property	5	2006	MP-05	1,148,209.3	650,747.6	MP-5 (0-3")	Original	6/4/2002	0.00	0.25	3.7
Miller Property	5	2006	MP-05	1,148,209.3	650,747.6	MP-5 (6-12")	Original	10/8/2002	0.50	1.00	0.58 J
Miscellaneous Programs	5	1671	ASL-134	1,148,965.5	652,735.4	ASL-134	Original	10/30/1998	0.00	0.25	11
Miscellaneous Programs	5	1671	ASL-135	1,149,017.5	652,726.8	ASL-135	Original	10/30/1998	0.00	0.25	2.9
Miscellaneous Programs	5	1671	ASL-136	1,148,786.9	652,838.6	ASL-136	Original	10/30/1998	0.00	0.25	3.6
Miscellaneous Programs	5	1671	ASL-136	1,148,786.9	652,838.6	ASL-136 Dup	Field Duplicate	10/30/1998	0.00	0.25	3.3
Miscellaneous Programs	5	1671	ASL-137	1,148,790.2	652,891.7	ASL-137	Original	10/30/1998	0.00	0.25	6.1
Miscellaneous Programs	5	1671	ASL-138	1,148,792.1	652,946.9	ASL-138	Original	10/30/1998	0.00	0.25	110
Miscellaneous Programs	5	1671	ASL-139	1,148,732.6	652,841.2	ASL-139	Original	10/30/1998	0.00	0.25	3.0
Miscellaneous Programs	5	1671	ASL-140	1,148,842.7	652,836.4	ASL-140	Original	10/30/1998	0.00	0.25	11
Miscellaneous Programs	5	1671	ASL-182	1,148,792.9	652,920.5	ASL-182(0-3)	Original		0.00	0.25	5.9
Miscellaneous Programs	5	1671	ASL-183	1,148,780.7	652,953.1	ASL-183(0-3)	Original		0.00	0.25	41
Miscellaneous Programs	5	1671	ASL-184	1,148,795.3	652,972.4	ASL-184(0-3)	Original		0.00	0.25	59
Miscellaneous Programs	5	1671	ASL-185	1,148,811.0	652,950.2	ASL-185(0-3)	Original		0.00	0.25	120
Miscellaneous Programs	5	1671	ASL-186	1,148,764.6	652,868.8	ASL-186	Original		1.00	1.25	55
Miscellaneous Programs	5	1671	ASL-189	1,148,872.7	652,838.6	ASL-189	Original		0.00	0.25	89
Miscellaneous Programs	5	1671	ASL-190	1,148,874.3	652,809.5	ASL-190	Original		0.00	0.25	11
Miscellaneous Programs	5	1671	ASL-217	1,148,978.7	652,698.2	ASL-217(0-3)	Original	4/17/2000	0.00	0.25	0.42
Miscellaneous Programs	5	1671	ASL-219	1,148,976.4	652,595.7	ASL-219(0-3)	Original	4/17/2000	0.00	0.25	0.13
Miscellaneous Programs	5	1671	ASL-219	1,148,976.4	652,595.7	ASL-219(12-15)	Original	4/17/2000	1.00	1.25	0.094 U
Miscellaneous Programs	5	1671	ASL-219	1,148,976.4	652,595.7	ASL-219(36-39)	Original	4/18/2000	3.00	3.25	0.051
Miscellaneous Programs	5	1671	ASL-220	1,148,974.8	652,549.5	ASL-220(0-3)	Original	4/17/2000	0.00	0.25	0.047
Miscellaneous Programs	5	1671	ASL-223	1,148,924.9	652,648.6	ASL-223(12-15)	Original	4/17/2000	1.00	1.25	0.22

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Miscellaneous Programs	5	1671	ASL-223	1,148,924.9	652,648.6	ASL-223-dup(12-15)	Field Duplicate	4/17/2000	1.00	1.25	0.70
Miscellaneous Programs	5	1671	ASL-224	1,148,926.6	652,699.5	ASL-224(0-3)	Original	4/17/2000	0.00	0.25	0.26
Miscellaneous Programs	5	1671	ASL-226	1,148,832.2	652,813.2	ASL-226(0-3)	Original	4/17/2000	0.00	0.25	0.31
Miscellaneous Programs	5	1671	ASL-229	1,148,678.9	652,811.1	ASL-229(0-3)	Original	4/17/2000	0.00	0.25	0.57
Miscellaneous Programs	5	1671	ASL-230	1,148,681.8	652,861.0	ASL-230(0-3)	Original	4/17/2000	0.00	0.25	0.50
Miscellaneous Programs	5	1671	ASL-234	1,148,820.8	652,907.5	ASL-234(12-15)	Original	4/17/2000	1.00	1.25	0.22
Miscellaneous Programs	5	1671	ASL-235	1,148,750.9	652,910.7	ASL-235(0-3)	Original	4/17/2000	0.00	0.25	0.13
Miscellaneous Programs	5	1671	ASL-238	1,148,817.7	652,760.4	ASL-238(12-15)	Original	4/18/2000	1.00	1.25	0.085 U
Miscellaneous Programs	5	1671	ASL-239	1,148,760.9	652,658.6	ASL-239(0-3)	Original	4/18/2000	0.00	0.25	0.87
Miscellaneous Programs	5	1671	ASL-241	1,148,710.7	652,529.6	ASL-241(12-15)	Original	4/18/2000	1.00	1.25	0.28
Miscellaneous Programs	5	1671	ASL-242	1,148,813.8	652,548.4	ASL-242(0-3)	Original	4/18/2000	0.00	0.25	0.12 U
Miscellaneous Programs	5	1671	ASL-243	1,148,811.9	652,589.1	ASL-243(12-15)	Original	4/18/2000	1.00	1.25	0.18
Miscellaneous Programs	5	1671	ASL-243	1,148,811.9	652,589.1	ASL-243(36-39)	Original	4/18/2000	3.00	3.25	0.14
Miscellaneous Programs	5	1671	TH-1	1,148,772.1	652,956.0	TH-1 (1.5)	Original		1.46	1.54	52
Miscellaneous Programs	5	1671	TH-2	1,148,794.8	652,932.5	TH-2 (0.66)	Original		0.63	0.71	11
Miscellaneous Programs	5	1671	TH-3	1,148,851.6	652,866.4	TH-3 (0-0.5)	Original		0.00	0.50	250
Miscellaneous Programs	5	1671	TH-3	1,148,851.6	652,866.4	TH-3 (1.5-1.83)	Original		1.50	1.83	4.7
Miscellaneous Programs	5	1671	TH-4	1,148,920.5	652,802.0	TH-4 (0-0.5)	Original		0.00	0.50	140
Miscellaneous Programs	5	1671	TH-5	1,148,965.0	652,749.9	TH-5 (0-0.5)	Original		0.00	0.50	10
Miscellaneous Programs	5	1671	TH-5	1,148,965.0	652,749.9	TH-5 (4.25-4.58)	Original		4.25	4.58	2.9
Miscellaneous Programs	5	1782	ASL056	1,148,496.4	651,713.3	ASL56	Original	10/4/1996	0.00	0.25	4.9
Miscellaneous Programs	5	1782	ASL107	1,148,148.3	650,713.1	ASL107	Field Duplicate	10/15/1998	0.00	0.25	2.7
Miscellaneous Programs	5	1782	ASL107	1,148,148.3	650,713.1	ASL107	Original	10/15/1998	0.00	0.25	2.9
Miscellaneous Programs	5	1936	10-DS-3	1,148,502.5	652,505.4	10-DS-3	Original		0.00	0.50	0.082 U
Miscellaneous Programs	5	1936	ASL040	1,148,516.6	652,240.7	ASL40	Original	10/2/1996	0.00	0.25	1.2 U
Miscellaneous Programs	5	1945	ASL045	1,148,626.8	652,081.9	ASL45	Original	10/2/1996	0.00	0.25	1.4 U
Miscellaneous Programs	5	2006	ASL157	1,148,423.4	650,947.2	ASL157	Original	11/4/1998	0.00	0.25	1.6
Miscellaneous Programs	5	2006	ASL158	1,148,430.0	650,968.5	ASL158	Original	11/4/1998	0.00	0.25	9.5
Miscellaneous Programs	5	2006	RASL164	1,148,104.4	650,509.0	RASL164	Original	3/22/1999	0.00	0.25	0.077 U
Miscellaneous Programs	5	8583	ASL-193	1,149,021.4	652,828.4	ASL-193(12-15)	Original	4/13/2000	1.00	1.25	65
Miscellaneous Programs	5	8583	ASL-193	1,149,021.4	652,828.4	ASL-193(36-39)	Original	4/14/2000	3.00	3.25	59
Miscellaneous Programs	5	8583	ASL-195	1,148,955.7	652,900.4	ASL-195(0-3)	Original	4/13/2000	0.00	0.25	61
Miscellaneous Programs	5	8583	ASL-195	1,148,955.7	652,900.4	ASL-195(12-15)	Original	4/13/2000	1.00	1.25	110
Miscellaneous Programs	5	8583	ASL-195	1,148,955.7	652,900.4	ASL-195(36-39)	Original	4/14/2000	3.00	3.25	50
Miscellaneous Programs	5	8583	ASL-195	1,148,955.7	652,900.4	ASL-195(60-63)	Original	4/17/2000	5.00	5.25	0.20
Miscellaneous Programs	5	8583	ASL-196	1,148,924.5	652,941.1	ASL-196(0-3)	Original	4/13/2000	0.00	0.25	46
Miscellaneous Programs	5	8583	ASL-197	1,148,894.2	652,982.7	ASL-197(0-3)	Original	4/13/2000	0.00	0.25	78
Miscellaneous Programs	5	8583	ASL-197	1,148,894.2	652,982.7	ASL-197(12-15)	Original	4/13/2000	1.00	1.25	88
Miscellaneous Programs	5	8583	ASL-197	1,148,894.2	652,982.7	ASL-197(36-39)	Original	4/14/2000	3.00	3.25	7.9

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Miscellaneous Programs	5	8583	ASL-197	1,148,894.2	652,982.7	ASL-197(60-63)	Original	4/17/2000	5.00	5.25	1.1
Miscellaneous Programs	5	8583	ASL-199	1,148,839.2	653,062.0	ASL-199(0-3)	Original	4/13/2000	0.00	0.25	24
Miscellaneous Programs	5	8583	ASL-200	1,148,854.6	653,132.1	ASL-200(0-3)	Original	4/13/2000	0.00	0.25	52
Miscellaneous Programs	5	8583	ASL-202	1,148,907.6	653,055.4	ASL-202(0-3)	Original	4/13/2000	0.00	0.25	69
Miscellaneous Programs	5	8583	ASL-202	1,148,907.6	653,055.4	ASL-202-dup(0-3)	Field Duplicate	4/13/2000	0.00	0.25	33
Miscellaneous Programs	5	8583	ASL-203	1,148,942.2	653,008.7	ASL-203(36-39)	Original	4/14/2000	3.00	3.25	6.6
Miscellaneous Programs	5	8583	ASL-205	1,148,998.2	652,933.5	ASL-205(60-63)	Original	4/17/2000	5.00	5.25	1.1
Miscellaneous Programs	5	8583	ASL-206	1,148,982.8	653,030.4	ASL-206(0-3)	Original	4/13/2000	0.00	0.25	73
Miscellaneous Programs	5	8583	ASL-207	1,148,945.7	653,069.4	ASL-207(0-3)	Original	4/14/2000	0.00	0.25	91
Miscellaneous Programs	5	8583	ASL-207	1,148,945.7	653,069.4	ASL-207(12-15)	Original	4/14/2000	1.00	1.25	110
Miscellaneous Programs	5	8583	ASL-209	1,148,898.6	653,156.6	ASL-209(0-3)	Original	4/14/2000	0.00	0.25	2.1
Miscellaneous Programs	5	8583	ASL-211	1,148,891.9	653,285.9	ASL-211(0-3)	Original	4/14/2000	0.00	0.25	0.50
Miscellaneous Programs	5	8583	ASL-215	1,148,924.1	653,325.4	ASL-215A(0-3)	Original	4/18/2000	0.00	0.25	0.099 U
Miscellaneous Programs	5	8583	ASL-215	1,148,924.1	653,325.4	ASL-215(36-39)	Original	4/17/2000	3.00	3.25	0.32
Miscellaneous Programs	5	8583	ASL-216	1,148,928.5	653,381.3	ASL-216(0-3)	Original	4/14/2000	0.00	0.25	2.9
Miscellaneous Programs	5	8583	ASL-225	1,148,952.6	652,816.1	ASL-225(36-39)	Original	4/18/2000	3.00	3.25	1.3
Miscellaneous Programs	5	8583	ASL-225	1,148,952.6	652,816.1	ASL-225(60-63)	Original	4/18/2000	5.00	5.25	0.092
Miscellaneous Programs	5	8583	ASL-232	1,148,909.5	652,861.4	ASL-232(0-3)	Original	4/17/2000	0.00	0.25	4.8
Miscellaneous Programs	5	8583	ASL-232	1,148,909.5	652,861.4	ASL-232(12-15)	Original	4/17/2000	1.00	1.25	0.084 U
Miscellaneous Programs	5	8583	ASL-233	1,148,870.1	652,908.8	ASL-233(0-3)	Original	4/17/2000	0.00	0.25	3.4
Miscellaneous Programs	5	8583	ASL-233	1,148,870.1	652,908.8	ASL-233-dup(0-3)	Field Duplicate	4/17/2000	0.00	0.25	4.2
Miscellaneous Programs	5	8583	ASL-236	1,148,827.3	652,962.3	ASL-236(12-15)	Original	4/17/2000	1.00	1.25	5.6
Miscellaneous Programs	5	8583	ASL-237	1,148,787.8	653,022.1	ASL-237(0-3)	Original	4/17/2000	0.00	0.25	23
Miscellaneous Programs	5	8583	ASL-237	1,148,787.8	653,022.1	ASL-237(12-15)	Original	4/17/2000	1.00	1.25	19
Miscellaneous Programs	5	8583	ASL-237	1,148,787.8	653,022.1	ASL-237(36-39)	Original	4/18/2000	3.00	3.25	62
Miscellaneous Programs	5	8583	ASL-237	1,148,787.8	653,022.1	ASL-237(60-63)	Original	4/18/2000	5.00	5.25	0.98
Miscellaneous Programs	5	8583	SED-A08	1,148,819.6	653,031.4	SED-A8	Original	3/19/1995	0.00	0.25	250
Nonresidential Other	5	8583	T-11	1,148,974.6	652,936.9	T-11 4-6'	Original	3/26/2008	1.09	3.09	0.080 J
Nonresidential Other	5	8583	T-11	1,148,974.6	652,936.9	T-11 6-8'	Original	3/26/2008	3.09	5.09	3.0 J
Nonresidential Other	5	8583	T-11 E10	1,148,974.6	652,946.9	T-11 E10 0-1'	Original	11/28/2012	0.00	1.00	340 J
Nonresidential Other	5	8583	T-11 E10	1,148,974.6	652,946.9	T-11 E10 1-2'	Original	11/28/2012	1.00	2.00	260 J
Nonresidential Other	5	8583	T-11 E10	1,148,974.6	652,946.9	T-11 E10 2-3'	Original	11/28/2012	2.00	3.00	8.4 J
Nonresidential Other	5	8583	T-11 E10	1,148,974.6	652,946.9	T-11 E10 3-4'	Original	11/28/2012	3.00	4.00	2.9 J
Nonresidential Other	5	8583	T-11 N10	1,148,984.6	652,936.9	T-11 N10 0-1'	Original	11/28/2012	0.00	1.00	500
Nonresidential Other	5	8583	T-11 N10	1,148,984.6	652,936.9	T-11 N10 1-2'	Original	11/28/2012	1.00	2.00	310 J
Nonresidential Other	5	8583	T-11 N10	1,148,984.6	652,936.9	T-11 N10 2-3'	Original	11/28/2012	2.00	3.00	7.8 J
Nonresidential Other	5	8583	T-11 N10	1,148,984.6	652,936.9	T-11 N10 3-4'	Original	11/28/2012	3.00	4.00	7.3 J
Nonresidential Other	5	8583	T-11 S10	1,148,964.6	652,936.9	T-11 S10 0-1'	Original	11/28/2012	0.00	1.00	410 J
Nonresidential Other	5	8583	T-11 S10	1,148,964.6	652,936.9	T-11 S10 0-1'-X	Field Duplicate	11/28/2012	0.00	1.00	430 J

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Nonresidential Other	5	8583	T-11 S10	1,148,964.6	652,936.9	T-11 S10 1-2'	Original	11/28/2012	1.00	2.00	110
Nonresidential Other	5	8583	T-11 S10	1,148,964.6	652,936.9	T-11 S10 2-3'	Original	11/28/2012	2.00	3.00	20 J
Nonresidential Other	5	8583	T-11 S10	1,148,964.6	652,936.9	T-11 S10 3-4'	Original	11/28/2012	3.00	4.00	29
Nonresidential Other	5	8583	T-11 W10	1,148,974.6	652,926.9	T-11 W10 0-1'	Original	11/28/2012	0.00	1.00	350 J
Nonresidential Other	5	8583	T-11 W10	1,148,974.6	652,926.9	T-11 W10 1-2'	Original	11/28/2012	1.00	2.00	1500 J
Nonresidential Other	5	8583	T-11 W10	1,148,974.6	652,926.9	T-11 W10 2-3'	Original	11/28/2012	2.00	3.00	300
Nonresidential Other	5	8583	T-11 W10	1,148,974.6	652,926.9	T-11 W10 3-4'	Original	11/28/2012	3.00	4.00	98
Nonresidential OU-1/OU-2 FSP	5	1671	CA-05-1936-09	1,148,688.0	652,533.8	S70059	Original	7/11/2006	0.00	0.50	3.3
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-01	1,148,191.0	650,793.2	S70051	Original	7/11/2006	0.00	0.50	0.036 U
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-02	1,148,289.0	651,213.1	S70052	Original	7/11/2006	0.00	0.50	2.3
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-03	1,148,538.9	651,412.0	S70053	Original	7/11/2006	0.00	0.50	33 J
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-03	1,148,538.9	651,412.0	S70521	Original	5/22/2007	0.50	1.00	15
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-03	1,148,538.9	651,412.0	S70522	Original	5/22/2007	1.00	2.00	37
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-03	1,148,538.9	651,412.0	S70523	Original	5/22/2007	2.00	3.00	6.1 J
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-03	1,148,538.9	651,412.0	S70524	Original	5/22/2007	3.00	4.00	11
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-04	1,148,610.0	651,447.0	S70054	Original	7/11/2006	0.00	0.50	22 J
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-04	1,148,610.0	651,447.0	S70526	Original	5/22/2007	0.50	1.00	46
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-04	1,148,610.0	651,447.0	S70527	Original	5/22/2007	1.00	2.00	17
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-04	1,148,610.0	651,447.0	S70528	Original	5/22/2007	2.00	3.00	76
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-04	1,148,610.0	651,447.0	S70529	Original	5/22/2007	3.00	4.00	53
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-05	1,148,554.9	651,562.1	S70055	Original	7/12/2006	0.00	0.50	170
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-05	1,148,554.9	651,562.1	S70531	Original	5/22/2007	0.50	1.00	610
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-05	1,148,554.9	651,562.1	S70532	Original	5/22/2007	1.00	2.00	71
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-05	1,148,554.9	651,562.1	S70533	Original	5/22/2007	2.00	3.00	1.5 J
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-05	1,148,554.9	651,562.1	S70534	Original	5/22/2007	3.00	4.00	0.10
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-06	1,148,699.1	651,644.9	S70056	Original	7/12/2006	0.00	0.50	14 J
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-06	1,148,699.1	651,644.9	S70536	Original	5/30/2007	0.50	1.00	28
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-06	1,148,699.1	651,644.9	S70783	Field Duplicate	5/30/2007	0.50	1.00	23
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-06	1,148,699.1	651,644.9	S70537	Original	5/30/2007	1.00	2.00	28
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-06	1,148,699.1	651,644.9	S70784	Field Duplicate	5/30/2007	1.00	2.00	30
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-06	1,148,699.1	651,644.9	S70538	Original	5/30/2007	2.00	3.00	0.055
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-06	1,148,699.1	651,644.9	S70785	Field Duplicate	5/30/2007	2.00	3.00	0.056
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-06	1,148,699.1	651,644.9	S70539	Original	5/30/2007	3.00	4.00	0.058
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-07	1,148,450.1	651,727.0	S70057	Original	7/11/2006	0.00	0.50	1.2
Nonresidential OU-1/OU-2 FSP	5	1821	CA-05-1821-08	1,148,708.0	652,061.4	S70058	Original	7/11/2006	0.00	0.50	2.2
Nonresidential OU-1/OU-2 FSP	5	1945	CA-05-1945-10	1,148,579.9	652,117.4	S70060	Original	7/11/2006	0.00	0.50	0.66 J
Nonresidential OU-1/OU-2 FSP	5	1996	CA-05-1996-11	1,148,569.8	652,007.0	S70061	Original	7/11/2006	0.00	0.50	0.18 J
Nonresidential OU-1/OU-2 FSP	5	2006	CA-05-2006-12	1,148,136.9	650,478.1	S70062	Original	7/11/2006	0.00	0.50	5.4
Nonresidential OU-1/OU-2 FSP	5	2006	CA-05-2006-12	1,148,136.9	650,478.1	S70541	Original	5/22/2007	0.50	1.00	4.1

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	5	2006	CA-05-2006-12	1,148,136.9	650,478.1	S70542	Original	5/22/2007	1.00	2.00	1.2
Nonresidential OU-1/OU-2 FSP	5	2006	CA-05-2006-12	1,148,136.9	650,478.1	S70543	Original	5/22/2007	2.00	3.00	0.035 U
Nonresidential OU-1/OU-2 FSP	5	8583	CA-05-8583-13	1,149,006.0	652,761.8	S70063	Original	7/11/2006	0.00	0.50	81
Nonresidential OU-1/OU-2 FSP	5	8583	CA-05-8583-13	1,149,006.0	652,761.8	S70546	Original	5/23/2007	0.50	1.00	9.7
Nonresidential OU-1/OU-2 FSP	5	8583	CA-05-8583-13	1,149,006.0	652,761.8	S70547	Original	5/23/2007	1.00	2.00	10
Nonresidential OU-1/OU-2 FSP	5	8583	CA-05-8583-13	1,149,006.0	652,761.8	S70548	Original	5/23/2007	2.00	3.00	38
Nonresidential OU-1/OU-2 FSP	5	8583	CA-05-8583-13	1,149,006.0	652,761.8	S70549	Original	5/23/2007	3.00	4.00	0.47
Nonresidential OU-1/OU-2 FSP	5	8583	CA-05-8583-14	1,148,972.0	652,940.1	S70064	Original	7/11/2006	0.00	0.50	360
Nonresidential OU-1/OU-2 FSP	5	8583	CA-05-8583-14	1,148,972.0	652,940.1	S70065	Field Duplicate	7/11/2006	0.00	0.50	340
Nonresidential OU-1/OU-2 FSP	5	8583	CA-05-8583-14	1,148,972.0	652,940.1	S70551	Original	5/23/2007	0.50	1.00	4.8
Nonresidential OU-1/OU-2 FSP	5	8583	CA-05-8583-14	1,148,972.0	652,940.1	S70552	Original	5/23/2007	1.00	2.00	51
Nonresidential OU-1/OU-2 FSP	5	8583	CA-05-8583-14	1,148,972.0	652,940.1	S70553	Original	5/23/2007	2.00	3.00	100 J
Nonresidential OU-1/OU-2 FSP	5	8583	CA-05-8583-14	1,148,972.0	652,940.1	S70554	Original	5/23/2007	3.00	4.00	250
Nonresidential OU-1/OU-2 FSP	5	8583	CA-05-8583-15	1,148,963.9	653,187.3	S70066	Original	7/12/2006	0.00	0.50	0.92
Special Use Sampling	5	1809	CA-5-SU-1809-B	1,148,723.2	652,438.3	1809-LA-3B	Original	2/12/2007	0.00	0.25	0.18
USEPA Programs	5	1743	PB-RR-37	1,148,953.0	651,994.7	PB-RR-37	Original	3/25/2000	0.00	0.25	3700 J
USEPA Programs	5	1743	PB-RR-40	1,148,953.0	651,994.7	PB-RR-40	Original	3/25/2000	0.00	0.25	2.3 J
USEPA Programs	5	1782	PB-RR-42	1,148,803.2	651,634.1	PB-RR-42	Original	3/25/2000	0.00	0.25	0.21 U
USEPA Programs	5	1936	PB-020-02	1,148,534.7	652,227.5	PB-020-02	Original	3/21/2000	0.00	0.25	0.61 J
USEPA Programs	5	1936	PB-020-06	1,148,668.2	652,242.6	PB-020-06	Original	3/21/2000	0.00	0.25	2.9 J
USEPA Programs	5	1936	PB-020-07	1,148,668.2	652,242.6	PB-020-07	Original	3/21/2000	0.00	0.25	2.8 J
USEPA Programs	5	1945	PB-020-01	1,148,659.6	652,153.3	PB-020-01	Original	3/21/2000	0.00	0.25	0.74 J
Miscellaneous Programs	6	2083	10-DS-1	1,148,444.6	652,497.6	10-DS-1	Original		0.00	0.50	0.082 U
Miscellaneous Programs	6	2083	10-DS-2	1,148,444.5	652,497.6	10-DS-2	Original		0.00	0.50	0.96
Miscellaneous Programs	6	2096	1206WT-A	1,148,294.0	652,065.0	1206WT-3A	Original	8/21/2002	0.00	0.25	0.33
Miscellaneous Programs	6	2096	1206WT-B	1,148,347.7	651,974.5	1206WT-3B	Original	8/21/2002	0.00	0.25	0.081 U
Nonresidential OU-1/OU-2 FSP	6	2083	CA-06-2083-01	1,148,412.3	652,427.5	S70067	Original	7/11/2006	0.00	0.50	1.1
Nonresidential OU-1/OU-2 FSP	6	2113	CA-06-2113-02	1,148,363.6	651,772.9	S70068	Original	7/11/2006	0.00	0.50	3.7
Nonresidential OU-1/OU-2 FSP	6	2136	CA-06-2136-03	1,148,271.0	651,554.2	S70069	Original	7/11/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	6	2136	CA-06-2136-04	1,148,171.3	651,618.6	S70070	Original	7/14/2006	0.00	0.50	3.9 J
Nonresidential OU-1/OU-2 FSP	6	2205	CA-06-2205-07	1,148,114.0	652,121.0	S70073	Original	7/11/2006	0.00	0.50	0.66 J
Nonresidential OU-1/OU-2 FSP	6	2205	CA-06-2205-11	1,147,861.9	652,290.9	S70077	Original	7/11/2006	0.00	0.50	1.5
Nonresidential OU-1/OU-2 FSP	6	2205	CA-06-2205-12	1,147,620.0	652,321.9	S70078	Original	7/11/2006	0.00	0.50	1.5
Nonresidential OU-1/OU-2 FSP	6	2205	CA-06-2205-13	1,148,164.9	652,383.0	S70079	Original	7/12/2006	0.00	0.50	0.39
Nonresidential OU-1/OU-2 FSP	6	2498	CA-06-2498-14	1,147,588.9	652,126.0	S70080	Original	7/11/2006	0.00	0.50	0.14
Residential Sampling	6	2896	FC2-0044-B	1,146,700.2	652,098.4	FC2-0044-B	Original	5/3/2000	0.00	0.25	43
Special Use Sampling	6	2113	CA-6-SU-2113-LA-A	1,148,323.1	651,769.5	2113-LA-3A	Original	10/22/2008	0.00	0.25	1.3
Special Use Sampling	6	2205	CA-6-SU-2205-B	1,148,101.3	652,099.2	2205-LA-3B	Original	5/15/2007	0.00	0.25	0.51
Special Use Sampling	6	2205	CA-6-SU-2205-D	1,147,836.6	652,073.6	2205-LA-3D	Original	5/15/2007	0.00	0.25	1.2

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Special Use Sampling	6	2205	CA-6-SU-2205-E	1,147,743.7	652,052.6	2205-LA-3E	Original	5/15/2007	0.00	0.25	0.52
Special Use Sampling	6	2205	CA-6-SU-2205-I	1,148,056.4	652,262.0	2205-LA-3I	Original	5/15/2007	0.00	0.25	0.39
Special Use Sampling	6	2205	CA-6-SU-2205-L	1,147,799.2	652,243.8	2205-LA-3L	Original	5/15/2007	0.00	0.25	1.2 J
Special Use Sampling	6	2205	CA-6-SU-2205-M	1,147,749.2	652,244.8	2205-LA-3M	Original	5/15/2007	0.00	0.25	0.79
Special Use Sampling	6	2205	CA-6-SU-2205-N	1,147,703.7	652,233.4	2205-LA-3N	Original	5/16/2007	0.00	0.25	0.31
Special Use Sampling	6	2205	CA-6-SU-2205-O	1,148,091.4	652,323.2	2205-LA-3O	Original	5/15/2007	0.00	0.25	0.46
Special Use Sampling	6	2205	CA-6-SU-2205-P	1,147,893.8	652,302.1	2205-LA-3P	Original	5/16/2007	0.00	0.25	0.61
Special Use Sampling	6	2205	CA-6-SU-2205-Q	1,147,803.0	652,337.7	2205-LA-3Q	Original	5/16/2007	0.00	0.25	0.35 J
Special Use Sampling	6	2205	CA-6-SU-2205-R	1,148,057.4	652,391.4	2205-LA-3R	Original	5/16/2007	0.00	0.25	0.38 J
Special Use Sampling	6	2205	CA-6-SU-2205-S	1,147,890.8	652,392.5	2205-LA-3S	Original	5/16/2007	0.00	0.25	0.39 J
Special Use Sampling	6	2205	CA-6-SU-2205-T	1,147,756.8	652,386.9	2205-LA-3T	Original	5/16/2007	0.00	0.25	0.57
Special Use Sampling	6	2205	CA-6-SU-2205-U	1,147,622.4	652,350.0	2205-LA-3U	Original	5/16/2007	0.00	0.25	0.19
Special Use Sampling	6	2498	CA-6-SU-2498-A	1,147,583.7	652,059.1	2498-LA-3A	Original	3/13/2007	0.00	0.25	0.79
Special Use Sampling	6	2498	CA-6-SU-2498-B	1,147,648.0	652,069.1	2498-LA-3B	Original	3/13/2007	0.00	0.25	0.53 J
Special Use Sampling	6	2498	CA-6-SU-2498-C	1,147,623.4	652,152.4	2498-LA-3C	Original	3/13/2007	0.00	0.25	0.39 J
Special Use Sampling	6	2498	CA-6-SU-2498-D	1,147,627.9	652,200.9	2498-LA-3D	Original	3/13/2007	0.00	0.25	0.78 J
Special Use Sampling	6	2498	CA-6-SU-2498-E	1,147,627.8	652,247.8	2498-LA-3E	Original	3/13/2007	0.00	0.25	1.2 J
USEPA Programs	6	2096	FC3-0029-A	1,148,297.4	652,097.5	FC3-0029-A	Original	5/3/2000	0.00	0.25	0.48
USEPA Programs	6	2096	FC3-0030-A	1,148,373.5	651,978.5	FC3-0030-A	Original	5/3/2000	0.00	0.25	0.18 U
USEPA Programs	6	2096	FC3-0030-B	1,148,334.6	651,976.3	FC3-0030-B	Original	5/3/2000	0.00	0.25	0.18 U
USEPA Programs	6	2170	FC3-0029-B	1,148,276.1	652,080.4	FC3-0029-B	Original	5/3/2000	0.00	0.25	0.57
USEPA Programs	6	2170	FC3-0030-C	1,148,277.2	651,998.8	FC3-0030-C	Original	5/3/2000	0.00	0.25	0.18 U
USEPA Programs	6	2170	FC3-0030-D	1,148,269.9	652,052.7	FC3-0030-D	Original	5/3/2000	0.00	0.25	0.20 U
Miscellaneous Programs	7	9999	LINEASL03D	1,148,987.0	651,888.2	LINEASL03D	Original	6/6/1996	0.00	0.25	3.8
Miscellaneous Programs	7	9999	LINEASL04E	1,149,089.0	652,246.0	LINEASL04E	Original	6/6/1996	0.00	0.25	17
Nonresidential OU-1/OU-2 FSP	7	1435	CA-07-1435-01	1,149,372.1	652,618.1	S70081	Original	7/17/2006	0.00	0.50	0.82
Nonresidential OU-1/OU-2 FSP	7	1435	CA-07-1435-02	1,149,290.0	652,783.0	S70082	Original	7/17/2006	0.00	0.50	0.21
Nonresidential OU-1/OU-2 FSP	7	1435	CA-07-1435-03	1,149,174.0	652,812.9	S70083	Original	7/17/2006	0.00	0.50	0.65
Nonresidential OU-1/OU-2 FSP	7	1435	CA-07-1435-04	1,149,471.0	652,864.6	S70084	Original	7/17/2006	0.00	0.50	0.039 U
Nonresidential OU-1/OU-2 FSP	7	1435	CA-07-1435-05	1,149,392.9	652,879.9	S70085	Original	7/17/2006	0.00	0.50	0.13
Nonresidential OU-1/OU-2 FSP	7	1435	CA-07-1435-06	1,149,493.0	653,115.3	S70086	Original	7/19/2006	0.00	0.50	0.16
Nonresidential OU-1/OU-2 FSP	7	1435	CA-07-1435-07	1,149,187.0	653,276.0	S70087	Original	7/17/2006	0.00	0.50	0.22
Nonresidential OU-1/OU-2 FSP	7	1520	CA-07-1520-08	1,149,169.9	652,536.0	S70088	Original	7/14/2006	0.00	0.50	7.9
Nonresidential OU-1/OU-2 FSP	7	1520	CA-07-1520-08	1,149,169.9	652,536.0	S70556	Original	5/21/2007	0.50	1.00	15
Nonresidential OU-1/OU-2 FSP	7	1520	CA-07-1520-08	1,149,169.9	652,536.0	S70557	Original	5/21/2007	1.00	2.00	5.6 J
Nonresidential OU-1/OU-2 FSP	7	1520	CA-07-1520-08	1,149,169.9	652,536.0	S70558	Original	5/21/2007	2.00	3.00	0.13
Nonresidential OU-1/OU-2 FSP	7	1520	CA-07-1520-09	1,149,208.0	652,552.0	S70089	Original	7/14/2006	0.00	0.50	4.6
Nonresidential OU-1/OU-2 FSP	7	1520	CA-07-1520-09	1,149,208.0	652,552.0	S70090	Field Duplicate	7/14/2006	0.00	0.50	4.4
Residential Sampling	7	1577	CA-7-RES-1577-A	1,149,158.6	652,292.1	1577-3A	Original	11/7/2003	0.00	0.25	310

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
USEPA Programs	7	1435	FC1-0044-A	1,149,443.2	653,036.8	FC1-0044-A	Original	5/9/2000	0.00	0.25	0.18 U
USEPA Programs	7	1435	FC1-0044-B	1,149,408.2	653,190.6	FC1-0044-B	Original	5/9/2000	0.00	0.25	0.17 U
USEPA Programs	7	1435	PA-100-B	1,149,287.4	652,617.5	PA-100-B	Original	2/16/2000	0.00	0.25	0.80
USEPA Programs	7	1435	PA-118-A	1,149,448.3	652,591.2	PA-118-A	Original	2/16/2000	0.00	0.25	1.9
USEPA Programs	7	1435	PA-118-B	1,149,380.8	652,713.2	PA-118-B	Original	2/16/2000	0.00	0.25	0.084 J
USEPA Programs	7	1435	PD2-012	1,149,220.5	652,761.1	PD2-012	Original	6/20/2000	0.00	0.25	0 R
USEPA Programs	7	1435	PD2-014	1,149,241.0	652,831.5	PD2-014	Original	6/20/2000	0.00	0.25	0.20 U
USEPA Programs	7	1435	PD2-016	1,149,451.5	652,829.1	PD2-016	Original	6/20/2000	0.00	0.25	0.20 U
USEPA Programs	7	1435	PD2-019	1,149,399.7	653,002.9	PD2-019	Original	6/20/2000	0.00	0.25	0.22 UJ
USEPA Programs	7	1438	PA-100-A	1,149,431.6	652,484.2	PA-100-A	Original	2/16/2000	0.00	0.25	0.047 J
USEPA Programs	7	1577	PECON-019	1,149,140.6	652,230.1	PECON-019	Original	7/26/2000	0.00	0.25	50
Nonresidential OU-1/OU-2 FSP	8	1004	CA-08-1004-01	1,150,149.1	652,523.9	S70091	Original	7/17/2006	0.00	0.50	1.1
Nonresidential OU-1/OU-2 FSP	8	1168	CA-08-1168-02	1,149,921.5	652,161.1	S70092	Original	7/19/2006	0.00	0.50	0.46
Nonresidential OU-1/OU-2 FSP	8	1168	CA-08-1168-03	1,149,723.9	652,184.9	S70093	Original	7/17/2006	0.00	0.50	0.44 J
Nonresidential OU-1/OU-2 FSP	8	1209	CA-08-1209-04	1,149,839.0	651,946.0	S70094	Original	7/17/2006	0.00	0.50	0.71 J
Nonresidential OU-1/OU-2 FSP	8	1209	CA-08-1209-05	1,149,757.0	652,001.1	S70095	Original	7/17/2006	0.00	0.50	0.20
Nonresidential OU-1/OU-2 FSP	8	1299	CA-08-1299-06	1,149,646.1	652,106.0	S70096	Original	7/17/2006	0.00	0.50	0.12
Nonresidential OU-1/OU-2 FSP	8	1317	CA-08-1317-07	1,149,632.0	652,264.0	S70097	Original	7/17/2006	0.00	0.50	0.87 J
Nonresidential OU-1/OU-2 FSP	8	1374	CA-08-1374-08	1,149,548.9	652,226.9	S70098	Original	7/17/2006	0.00	0.50	0.98 J
Residential Sampling	8	1317	FC2-0028-D	1,149,672.1	652,237.0	FC2-0028-D	Original	5/1/2000	0.00	0.25	0.48 J
Special Use Sampling	8	890	CA-8-SU-890-B	1,150,317.7	652,597.6	890-LA-3B	Original	2/14/2007	0.00	0.25	0.091 U
Special Use Sampling	8	890	CA-8-SU-890-D	1,150,195.3	652,536.2	890-LA-3D	Original	2/14/2007	0.00	0.25	0.16
USEPA Programs	8	1288	FC2-0029-A	1,149,689.3	652,501.8	FC2-0029-A	Original	5/1/2000	0.00	0.25	0.26 U
USEPA Programs	8	1288	FC2-0029-B	1,149,724.8	652,500.2	FC2-0029-B	Original	5/1/2000	0.00	0.25	0.34 J
USEPA Programs	8	1288	FC2-0029-C	1,149,735.0	652,455.4	FC2-0029-C	Original	5/1/2000	0.00	0.25	0.49 J
USEPA Programs	8	1288	PC-087-A	1,149,680.2	652,431.6	PC-087-A	Original	4/27/2000	0.00	0.25	0.15 J
USEPA Programs	8	1305	FE3-002-A	1,149,671.6	651,932.8	FE3-002-A	Original	7/26/2000	0.00	0.25	0.19 U
USEPA Programs	8	1305	FE3-003-A	1,149,718.1	651,936.6	FE3-003-A	Original	7/26/2000	0.00	0.25	0.62
USEPA Programs	8	1317	PA-092-A	1,149,568.7	652,335.3	PA-092-A	Original	2/17/2000	0.00	0.25	0.15
USEPA Programs	8	1317	PA-092-B	1,149,603.3	652,314.4	PA-092-B	Original	2/17/2000	0.00	0.25	2.5
USEPA Programs	8	1354	PF-007-A	1,149,635.7	651,961.3	PF-007-A	Original		0.00	0.25	0.10 J
USEPA Programs	8	1354	PF-007-B	1,149,638.8	652,030.7	PF-007-B	Original		0.00	0.25	0.13 J
USEPA Programs	8	1354	PF-007-B	1,149,638.8	652,030.7	PF-007-BS	Original		0.00	0.25	0.20 J
USEPA Programs	8	1384	PE-071-A	1,149,594.9	651,934.1	PE-071-A	Original	7/25/2000	0.00	0.25	0.60 J
USEPA Programs	8	1384	PE-071-B	1,149,602.2	652,080.2	PE-071-B	Original	7/25/2000	0.00	0.25	0.050 J
USEPA Programs	8	1384	PF-006-A	1,149,573.6	651,959.3	PF-006-A	Original		0.00	0.25	0.034 U
USEPA Programs	8	1384	PF-006-B	1,149,573.1	652,030.2	PF-006-B	Original		0.00	0.25	0.057 J
Nonresidential OU-1/OU-2 FSP	9	1504	CA-09-1504-01	1,149,100.7	653,570.9	S70406	Original	9/26/2006	0.00	0.50	0.051
Nonresidential OU-1/OU-2 FSP	9	1504	CA-09-1504-02	1,149,176.1	653,646.0	S70407	Original	9/26/2006	0.00	0.50	0.043 U

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	9	1504	CA-09-1504-03	1,149,295.9	653,812.1	S70408	Original	9/26/2006	0.00	0.50	0.043 U
Nonresidential OU-1/OU-2 FSP	9	1504	CA-09-1504-04	1,149,056.9	653,923.1	S70409	Original	9/26/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	9	1504	CA-09-1504-05	1,149,284.0	653,964.4	S70410	Original	9/26/2006	0.00	0.50	0.042 U
Nonresidential OU-1/OU-2 FSP	9	1504	CA-09-1504-06	1,149,236.1	654,145.0	S70411	Original	9/26/2006	0.00	0.50	0.048 U
Nonresidential OU-1/OU-2 FSP	9	1597	CA-09-1597-07	1,149,027.0	654,920.0	S70412	Original	9/26/2006	0.00	0.50	5.9
Nonresidential OU-1/OU-2 FSP	9	1597	CA-09-1597-07	1,149,027.0	654,920.0	S70561	Original	5/21/2007	0.50	1.00	3.9
Nonresidential OU-1/OU-2 FSP	9	1597	CA-09-1597-07	1,149,027.0	654,920.0	S70562	Original	5/21/2007	1.00	2.00	0.30
Nonresidential OU-1/OU-2 FSP	9	1720	CA-09-1720-08	1,148,934.7	654,658.3	S70413	Original	9/26/2006	0.00	0.50	0.50 J
Nonresidential OU-1/OU-2 FSP	9	1720	CA-09-1720-09	1,148,612.5	654,698.5	S70414	Original	9/26/2006	0.00	0.50	0.039
Nonresidential OU-1/OU-2 FSP	9	1720	CA-09-1720-10	1,148,549.1	654,864.8	S70415	Original	9/27/2006	0.00	0.50	0.073
Nonresidential OU-1/OU-2 FSP	9	1720	CA-09-1720-11	1,148,907.9	655,087.1	S70416	Original	9/26/2006	0.00	0.50	0.047 U
Nonresidential OU-1/OU-2 FSP	9	1720	CA-09-1720-12	1,148,833.8	655,280.6	S70417	Original	9/26/2006	0.00	0.50	0.046
Nonresidential OU-1/OU-2 FSP	9	1722	CA-09-1722-13	1,148,948.8	653,687.1	S70418	Original	9/26/2006	0.00	0.50	0.92
Nonresidential OU-1/OU-2 FSP	9	1722	CA-09-1722-14	1,148,917.0	654,005.8	S70419	Original	9/26/2006	0.00	0.50	0.065
Nonresidential OU-1/OU-2 FSP	9	1722	CA-09-1722-15	1,148,903.9	654,262.7	S70420	Original	9/26/2006	0.00	0.50	0.035 U
Nonresidential OU-1/OU-2 FSP	9	1722	CA-09-1722-16	1,148,649.0	654,448.9	S70421	Original	9/26/2006	0.00	0.50	0.22
Nonresidential OU-1/OU-2 FSP	9	1722	CA-09-1722-17	1,148,727.8	654,533.0	S70422	Original	9/27/2006	0.00	0.50	0.082
Nonresidential OU-1/OU-2 FSP	9	1722	CA-09-1722-17	1,148,727.8	654,533.0	S70423	Field Duplicate	9/27/2006	0.00	0.50	0.15
Special Use Sampling	9	1504	CA-9-SU-1504-A	1,149,051.6	654,033.5	1504-LA-3A	Original	4/18/2007	0.00	0.25	0.075 U
Special Use Sampling	9	1504	CA-9-SU-1504-B	1,149,044.1	653,864.9	1504-LA-3B	Original	4/18/2007	0.00	0.25	0.081 U
Special Use Sampling	9	1504	CA-9-SU-1504-C	1,149,058.5	653,669.3	1504-LA-3C	Original	4/18/2007	0.00	0.25	0.079 U
Special Use Sampling	9	1504	CA-9-SU-1504-D	1,149,130.7	653,667.9	1504-LA-3D	Original	4/18/2007	0.00	0.25	0.073 U
Special Use Sampling	9	1504	CA-9-SU-1504-E	1,149,252.8	653,617.2	1504-LA-3E	Original	4/18/2007	0.00	0.25	0.077 U
Special Use Sampling	9	1504	CA-9-SU-1504-F	1,149,256.8	653,760.1	1504-LA-3F	Original	4/18/2007	0.00	0.25	0.078 U
Special Use Sampling	9	1504	CA-9-SU-1504-G	1,149,275.7	653,939.3	1504-LA-3G	Original	4/18/2007	0.00	0.25	0.079 U
Special Use Sampling	9	1504	CA-9-SU-1504-H	1,149,261.0	654,125.5	1504-LA-3H	Original	4/18/2007	0.00	0.25	0.076 U
Special Use Sampling	9	1504	CA-9-SU-1504-I	1,149,140.7	654,129.1	1504-LA-3I	Original	4/18/2007	0.00	0.25	0.075 U
USEPA Programs	9	1720	PB-019-08	1,148,540.3	655,246.8	PB-019-08	Original	3/21/2000	0.00	0.25	0.32 J
USEPA Programs	9	1720	PB-019-60	1,148,588.3	654,755.1	PB-019-60A	Original	3/24/2000	0.00	4.00	1.9 UJ
USEPA Programs	9	1722	PB-019-03	1,148,780.0	654,081.6	PB-019-03	Original	3/21/2000	0.00	0.25	0.57 J
Miscellaneous Programs	10	1790	ABS-1	1,148,535.6	653,005.0	ABS-1 (0-0.5)	Original	4/25/2001	0.00	0.50	0.073 U
Miscellaneous Programs	10	1790	ABS-1	1,148,535.6	653,005.0	ABS-1 (1-1.5)	Original	4/25/2001	1.00	1.50	0.28
Miscellaneous Programs	10	1790	ABS-10	1,148,677.1	653,115.1	ABS-10 (0-0.5)	Original	4/25/2001	0.00	0.50	0.13 U
Miscellaneous Programs	10	1790	ABS-10	1,148,677.1	653,115.1	ABS-10 (1-1.5)	Original	4/25/2001	1.00	1.50	1.0
Miscellaneous Programs	10	1790	ABS-11	1,148,654.8	653,167.9	ABS-11 (0-0.5)	Original	4/25/2001	0.00	0.50	0.46
Miscellaneous Programs	10	1790	ABS-11	1,148,654.8	653,167.9	ABS-11 (1-1.5)	Original	4/25/2001	1.00	1.50	0.33
Miscellaneous Programs	10	1790	ABS-12	1,148,701.1	653,181.3	ABS-12 (0-0.5)	Original	4/25/2001	0.00	0.50	0.24
Miscellaneous Programs	10	1790	ABS-12	1,148,701.1	653,181.3	ABS-12 (1-1.5)	Original	4/25/2001	1.00	1.50	0.15
Miscellaneous Programs	10	1790	ABS-13	1,148,720.5	653,238.4	ABS-13 (0-0.5)	Original	4/25/2001	0.00	0.50	32

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Miscellaneous Programs	10	1790	ABS-14	1,148,658.1	653,247.6	ABS-14 (0-0.5)	Original	4/26/2001	0.00	0.50	0.57
Miscellaneous Programs	10	1790	ABS-15	1,148,721.8	653,332.6	ABS-15 (0-0.5)	Original	4/26/2001	0.00	0.50	130
Miscellaneous Programs	10	1790	ABS-15	1,148,721.8	653,332.6	ABS-15 (1-1.5)	Original	4/26/2001	1.00	1.50	5.7
Miscellaneous Programs	10	1790	ABS-16	1,148,723.4	653,370.0	ABS-16 (0-0.5)	Original	4/26/2001	0.00	0.50	26
Miscellaneous Programs	10	1790	ABS-17	1,148,729.6	653,398.8	ABS-17 (0-0.5)	Original	4/26/2001	0.00	0.50	15
Miscellaneous Programs	10	1790	ABS-17	1,148,729.6	653,398.8	ABS-17 (1-1.5)	Original	4/26/2001	1.00	1.50	3.4
Miscellaneous Programs	10	1790	ABS-18	1,148,672.8	653,408.6	ABS-18 (0-0.5)	Original	4/26/2001	0.00	0.50	32
Miscellaneous Programs	10	1790	ABS-18	1,148,672.8	653,408.6	ABS-18 (1-1.5)	Original	4/26/2001	1.00	1.50	11
Miscellaneous Programs	10	1790	ABS-19	1,148,677.6	653,358.4	ABS-19 (0-0.5)	Original	4/26/2001	0.00	0.50	16
Miscellaneous Programs	10	1790	ABS-19	1,148,677.6	653,358.4	ABS-19 (1-1.5)	Original	4/26/2001	1.00	1.50	0.57
Miscellaneous Programs	10	1790	ABS-2	1,148,536.6	653,051.4	ABS-2 (0-0.5)	Original	4/25/2001	0.00	0.50	0.072 U
Miscellaneous Programs	10	1790	ABS-20	1,148,663.4	653,311.2	ABS-20 (0-0.5)	Original	4/26/2001	0.00	0.50	19
Miscellaneous Programs	10	1790	ABS-20	1,148,663.4	653,311.2	ABS-20 (1-1.5)	Original	4/26/2001	1.00	1.50	3.9
Miscellaneous Programs	10	1790	ABS-21	1,148,637.2	653,294.1	ABS-21 (0-0.5)	Original	4/26/2001	0.00	0.50	3.2
Miscellaneous Programs	10	1790	ABS-21	1,148,637.2	653,294.1	ABS-21 (1-1.5)	Original	4/26/2001	1.00	1.50	0.53
Miscellaneous Programs	10	1790	ABS-22	1,148,606.2	653,285.3	ABS-22 (0-0.5)	Original	4/26/2001	0.00	0.50	1.5
Miscellaneous Programs	10	1790	ABS-22	1,148,606.2	653,285.3	ABS-22 (1-1.5)	Original	4/26/2001	1.00	1.50	0.086 U
Miscellaneous Programs	10	1790	ABS-23	1,148,595.4	653,333.5	ABS-23 (0-0.5)	Original	4/26/2001	0.00	0.50	0.096
Miscellaneous Programs	10	1790	ABS-23	1,148,595.4	653,333.5	ABS-23 (1-1.5)	Original	4/26/2001	1.00	1.50	0.084 U
Miscellaneous Programs	10	1790	ABS-24	1,148,626.8	653,359.1	ABS-24 (0-0.5)	Original	4/26/2001	0.00	0.50	5.8
Miscellaneous Programs	10	1790	ABS-24	1,148,626.8	653,359.1	ABS-24 (1-1.5)	Original	4/26/2001	1.00	1.50	0.070
Miscellaneous Programs	10	1790	ABS-25	1,148,625.1	653,400.5	ABS-25 (0-0.5)	Original	4/26/2001	0.00	0.50	2.9
Miscellaneous Programs	10	1790	ABS-25	1,148,625.1	653,400.5	ABS-25 (1-1.5)	Original	4/26/2001	1.00	1.50	0.084 U
Miscellaneous Programs	10	1790	ABS-26	1,148,539.4	653,416.7	ABS-26 (0-0.5)	Original	4/26/2001	0.00	0.50	0.93
Miscellaneous Programs	10	1790	ABS-26	1,148,539.4	653,416.7	ABS-26 (1-1.5)	Original	4/26/2001	1.00	1.50	0.087 U
Miscellaneous Programs	10	1790	ABS-27	1,148,773.3	653,410.0	ABS-27 (0-0.5)	Original	4/26/2001	0.00	0.50	0.13
Miscellaneous Programs	10	1790	ABS-27	1,148,773.3	653,410.0	ABS-27 (1-1.5)	Original	4/26/2001	1.00	1.50	78
Miscellaneous Programs	10	1790	ABS-28	1,148,763.0	653,370.6	ABS-28 (0-0.5)	Original	4/26/2001	0.00	0.50	29
Miscellaneous Programs	10	1790	ABS-29	1,148,762.7	653,330.1	ABS-29 (0-0.5)	Original	4/26/2001	0.00	0.50	13
Miscellaneous Programs	10	1790	ABS-29	1,148,762.7	653,330.1	ABS-29 (1-1.5)	Original	4/26/2001	1.00	1.50	4.3
Miscellaneous Programs	10	1790	ABS-29	1,148,762.7	653,330.1	ABS-29 DUP	Field Duplicate	4/26/2001	1.00	1.50	7.1
Miscellaneous Programs	10	1790	ABS-3	1,148,538.8	653,108.0	ABS-3 (0-0.25)	Original	4/25/2001	0.00	0.25	0.072 U
Miscellaneous Programs	10	1790	ABS-30	1,148,774.0	653,329.3	ABS-30 (0-0.5)	Original	4/27/2001	0.00	0.50	8.1
Miscellaneous Programs	10	1790	ABS-30	1,148,774.0	653,329.3	ABS-30 (1-1.5)	Original	4/27/2001	1.00	1.50	27
Miscellaneous Programs	10	1790	ABS-31	1,148,783.0	653,323.3	ABS-31 (0-0.5)	Original	4/27/2001	0.00	0.50	5.0
Miscellaneous Programs	10	1790	ABS-32	1,148,799.2	653,361.1	ABS-32 (0-0.5)	Original	4/27/2001	0.00	0.50	18
Miscellaneous Programs	10	1790	ABS-33	1,148,820.1	653,407.0	ABS-33 (0-0.5)	Original	4/27/2001	0.00	0.50	4.5
Miscellaneous Programs	10	1790	ABS-34	1,148,798.4	653,404.6	ABS-34 (0-0.5)	Original	4/26/2001	0.00	0.50	15
Miscellaneous Programs	10	1790	ABS-34	1,148,798.4	653,404.6	ABS-34 (1-1.5)	Original	4/26/2001	1.00	1.50	16

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Miscellaneous Programs	10	1790	ABS-35	1,148,767.4	653,279.3	ABS-35 (0-0.5)	Original	4/27/2001	0.00	0.50	5.7
Miscellaneous Programs	10	1790	ABS-36	1,148,760.6	653,277.2	ABS-36 (0-0.5)	Original	4/27/2001	0.00	0.50	11
Miscellaneous Programs	10	1790	ABS-36	1,148,760.6	653,277.2	ABS-36 (1-1.5)	Original	4/27/2001	1.00	1.50	11
Miscellaneous Programs	10	1790	ABS-37	1,148,721.8	653,281.5	ABS-37 (0-0.5)	Original	4/27/2001	0.00	0.50	27
Miscellaneous Programs	10	1790	ABS-4	1,148,544.1	653,166.5	ABS-4 (0-0.5)	Original	4/25/2001	0.00	0.50	0.040
Miscellaneous Programs	10	1790	ABS-5	1,148,597.8	653,170.5	ABS-5 (0-0.5)	Original	4/25/2001	0.00	0.50	0.055
Miscellaneous Programs	10	1790	ABS-5	1,148,597.8	653,170.5	ABS-5 (1-1.5)	Original	4/25/2001	1.00	1.50	0.10
Miscellaneous Programs	10	1790	ABS-6	1,148,617.3	653,073.0	ABS-6 (0-0.5)	Original	4/25/2001	0.00	0.50	0.25
Miscellaneous Programs	10	1790	ABS-6	1,148,617.3	653,073.0	ABS-6 (1-1.5)	Original	4/25/2001	1.00	1.50	0.084 U
Miscellaneous Programs	10	1790	ABS-7	1,148,603.8	653,008.5	ABS-7 (0-0.5)	Original	4/25/2001	0.00	0.50	0.72
Miscellaneous Programs	10	1790	ABS-7	1,148,603.8	653,008.5	ABS-7 (1-1.5)	Original	4/25/2001	1.00	1.50	0.084 U
Miscellaneous Programs	10	1790	ABS-8	1,148,652.9	653,005.4	ABS-8 (0-0.5)	Original	4/25/2001	0.00	0.50	1.0
Miscellaneous Programs	10	1790	ABS-8	1,148,652.9	653,005.4	ABS-8 (1-1.5)	Original	4/25/2001	1.00	1.50	0.086 U
Miscellaneous Programs	10	1790	ABS-9	1,148,671.4	653,061.6	ABS-9 (0-0.5)	Original	4/25/2001	0.00	0.50	1.8
Miscellaneous Programs	10	1790	ABS-9	1,148,671.4	653,061.6	ABS-9 (1-1.5)	Original	4/25/2001	1.00	1.50	0.095
Miscellaneous Programs	10	1800	CA-1	1,148,680.0	653,650.4	CA-1-0-0.25ft	Original	1/31/2002	0.00	0.25	0.67 J
Miscellaneous Programs	10	1800	CA-1	1,148,680.0	653,650.4	CA-1-0.5-1ft	Original	1/31/2002	0.50	1.00	0.31 J
Miscellaneous Programs	10	1800	CA-1	1,148,680.0	653,650.4	CA-1-1-1.5ft	Original	1/31/2002	1.00	1.50	0.26 J
Miscellaneous Programs	10	1800	CA-14	1,148,815.5	653,662.8	CA-14-0-0.25ft	Original	2/1/2002	0.00	0.25	14
Miscellaneous Programs	10	1800	CA-14	1,148,815.5	653,662.8	CA-14-0.5-1ft	Original	2/1/2002	0.50	1.00	0.35
Miscellaneous Programs	10	1800	CA-19	1,148,828.9	653,665.6	CA-19-0-0.25ft	Original	2/1/2002	0.00	0.25	7.0 J
Miscellaneous Programs	10	1800	CA-19	1,148,828.9	653,665.6	CA-19-0.5-1ft	Original	2/1/2002	0.50	1.00	26 J
Miscellaneous Programs	10	1800	CA-19	1,148,828.9	653,665.6	CA-19-1-1.5ft	Original	2/1/2002	1.00	1.50	15
Miscellaneous Programs	10	1800	CA-2	1,148,673.8	653,674.5	CA-2-0-0.25ft	Original	1/31/2002	0.00	0.25	0.13 J
Miscellaneous Programs	10	1800	CA-2	1,148,673.8	653,674.5	CA-2-0.5-1ft	Original	1/31/2002	0.50	1.00	0.32
Miscellaneous Programs	10	1800	CA-2	1,148,673.8	653,674.5	CA-2-1-1.5ft	Original	1/31/2002	1.00	1.50	0.038
Miscellaneous Programs	10	1800	CA-26	1,148,765.5	653,661.8	CA-26-0-0.25ft	Original	10/1/2002	0.00	0.25	0.20
Miscellaneous Programs	10	1800	CA-26	1,148,765.5	653,661.8	CA-26-0.5-1ft	Original	10/1/2002	0.50	1.00	0.084 U
Miscellaneous Programs	10	1800	CA-4	1,148,732.1	653,660.9	CA-4-0-0.25ft	Original	1/31/2002	0.00	0.25	0.61
Miscellaneous Programs	10	1800	CA-4	1,148,732.1	653,660.9	CA-4-0.5-1ft	Original	1/31/2002	0.50	1.00	0.086 U
Miscellaneous Programs	10	1800	CA-9	1,148,794.7	653,662.2	CA-9-0-0.25ft	Original	1/31/2002	0.00	0.25	22 J
Miscellaneous Programs	10	1800	CA-9	1,148,794.7	653,662.2	CA-9-0.5-1ft	Original	1/31/2002	0.50	1.00	3.0 J
Miscellaneous Programs	10	1800	CA-9	1,148,794.7	653,662.2	CA-9-1-1.5ft	Original	1/31/2002	1.00	1.50	2.1 J
Miscellaneous Programs	10	1807	CA-10	1,148,786.9	653,686.8	CA-10-0-0.25ft	Original	2/1/2002	0.00	0.25	3.3 J
Miscellaneous Programs	10	1807	CA-10	1,148,786.9	653,686.8	CA-10-0-0.25ft dup	Field Duplicate	2/1/2002	0.00	0.25	3.2 J
Miscellaneous Programs	10	1807	CA-10	1,148,786.9	653,686.8	CA-10-0.5-1ft	Original	2/1/2002	0.50	1.00	6.8 J
Miscellaneous Programs	10	1807	CA-11	1,148,783.4	653,711.1	CA-11-0-0.25ft	Original	2/1/2002	0.00	0.25	3.8 J
Miscellaneous Programs	10	1807	CA-11	1,148,783.4	653,711.1	CA-11-0.5-1ft	Original	2/1/2002	0.50	1.00	0.58 J
Miscellaneous Programs	10	1807	CA-12	1,148,777.6	653,733.7	CA-12-0-0.25ft	Original	2/1/2002	0.00	0.25	1.2

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Miscellaneous Programs	10	1807	CA-12	1,148,777.6	653,733.7	CA-12-0-0.25ft dup	Field Duplicate	2/1/2002	0.00	0.25	1.2
Miscellaneous Programs	10	1807	CA-12	1,148,777.6	653,733.7	CA-12-0.5-1ft	Original	2/1/2002	0.50	1.00	0.86 J
Miscellaneous Programs	10	1807	CA-12	1,148,777.6	653,733.7	CA-12-1-1.5ft	Original	2/1/2002	1.00	1.50	5.7
Miscellaneous Programs	10	1807	CA-13	1,148,770.4	653,757.8	CA-13-0-0.25ft	Original	2/1/2002	0.00	0.25	0.66 J
Miscellaneous Programs	10	1807	CA-13	1,148,770.4	653,757.8	CA-13-0.5-1ft	Original	2/1/2002	0.50	1.00	0.88 J
Miscellaneous Programs	10	1807	CA-13	1,148,770.4	653,757.8	CA-13-1-1.5ft	Original	2/1/2002	1.00	1.50	0.86 J
Miscellaneous Programs	10	1807	CA-15	1,148,808.6	653,691.9	CA-15-0-0.25f dup	Field Duplicate	2/1/2002	0.00	0.25	14
Miscellaneous Programs	10	1807	CA-15	1,148,808.6	653,691.9	CA-15-0-0.25ft	Original	2/1/2002	0.00	0.25	13
Miscellaneous Programs	10	1807	CA-15	1,148,808.6	653,691.9	CA-15-0.5-1ft	Original	2/1/2002	0.50	1.00	24 J
Miscellaneous Programs	10	1807	CA-16	1,148,800.3	653,712.4	CA-16-0-0.25ft	Original	2/1/2002	0.00	0.25	4.9 J
Miscellaneous Programs	10	1807	CA-16	1,148,800.3	653,712.4	CA-16-0.5-1ft	Original	2/1/2002	0.50	1.00	0.087 U
Miscellaneous Programs	10	1807	CA-17	1,148,795.2	653,740.5	CA-17-0-0.25ft	Original	2/1/2002	0.00	0.25	4.7 J
Miscellaneous Programs	10	1807	CA-17	1,148,795.2	653,740.5	CA-17-0.5-1ft	Original	2/1/2002	0.50	1.00	3.3
Miscellaneous Programs	10	1807	CA-18	1,148,789.2	653,767.0	CA-18-0-0.25ft	Original	2/1/2002	0.00	0.25	1.3 J
Miscellaneous Programs	10	1807	CA-18	1,148,789.2	653,767.0	CA-18-0.5-1ft	Original	2/1/2002	0.50	1.00	1.3 J
Miscellaneous Programs	10	1807	CA-20	1,148,818.8	653,692.1	CA-20-0-0.25ft	Original	2/1/2002	0.00	0.25	2.9 J
Miscellaneous Programs	10	1807	CA-20	1,148,818.8	653,692.1	CA-20-0.5-1ft	Original	2/1/2002	0.50	1.00	5.3 J
Miscellaneous Programs	10	1807	CA-21	1,148,813.0	653,718.1	CA-21-0-0.25ft	Original	2/1/2002	0.00	0.25	1.0 J
Miscellaneous Programs	10	1807	CA-22	1,148,805.1	653,743.5	CA-22-0-0.25ft	Original	2/1/2002	0.00	0.25	14 J
Miscellaneous Programs	10	1807	CA-22	1,148,805.1	653,743.5	CA-22-0-0.25ft dup	Field Duplicate	2/1/2002	0.00	0.25	9.5 J
Miscellaneous Programs	10	1807	CA-23	1,148,800.1	653,766.7	CA-23-0-0.25ft	Original	2/1/2002	0.00	0.25	5.8 J
Miscellaneous Programs	10	1807	CA-23	1,148,800.1	653,766.7	CA-23-0.5-1ft	Original	2/1/2002	0.50	1.00	0.47
Miscellaneous Programs	10	1807	CA-23	1,148,800.1	653,766.7	CA-23-0.5-1ft dup	Field Duplicate	2/1/2002	0.50	1.00	0.33
Miscellaneous Programs	10	1807	CA-24	1,148,623.0	653,757.2	CA-24-0-0.25ft	Original	2/1/2002	0.00	0.25	0.18 U
Miscellaneous Programs	10	1807	CA-24	1,148,623.0	653,757.2	CA-24-0.5-1ft	Original	2/1/2002	0.50	1.00	1.2
Miscellaneous Programs	10	1807	CA-24	1,148,623.0	653,757.2	CA-24-1-1.5ft	Original	2/1/2002	1.00	1.50	0.36 U
Miscellaneous Programs	10	1807	CA-25	1,148,541.3	653,762.0	CA-25-0-0.25ft	Original	2/1/2002	0.00	0.25	0.33 U
Miscellaneous Programs	10	1807	CA-25	1,148,541.3	653,762.0	CA-25-0-0.25ft dup	Field Duplicate	2/1/2002	0.00	0.25	0.16 U
Miscellaneous Programs	10	1807	CA-25	1,148,541.3	653,762.0	CA-25-0.5-1ft	Original	2/1/2002	0.50	1.00	0.15 U
Miscellaneous Programs	10	1807	CA-25	1,148,541.3	653,762.0	CA-25-1-1.5ft	Original	2/1/2002	1.00	1.50	0.062
Miscellaneous Programs	10	1807	CA-27	1,148,758.9	653,686.1	CA-27-0-0.25ft	Original	10/1/2002	0.00	0.25	0.23 J
Miscellaneous Programs	10	1807	CA-27	1,148,758.9	653,686.1	CA-27-0-0.25ft dup	Field Duplicate	10/1/2002	0.00	0.25	0.33 J
Miscellaneous Programs	10	1807	CA-27	1,148,758.9	653,686.1	CA-27-0.5-1ft	Original	10/1/2002	0.50	1.00	1.8
Miscellaneous Programs	10	1807	CA-27	1,148,758.9	653,686.1	CA-27-1-1.5ft	Original	10/1/2002	1.00	1.50	0.17
Miscellaneous Programs	10	1807	CA-28	1,148,752.6	653,710.2	CA-28-0-0.25ft	Original	10/1/2002	0.00	0.25	0.081 U
Miscellaneous Programs	10	1807	CA-28	1,148,752.6	653,710.2	CA-28-0.5-1ft	Original	10/1/2002	0.50	1.00	0.083 U
Miscellaneous Programs	10	1807	CA-28	1,148,752.6	653,710.2	CA-28-1-1.5ft	Original	10/1/2002	1.00	1.50	0.27
Miscellaneous Programs	10	1807	CA-29	1,148,746.0	653,734.4	CA-29-0-0.25ft	Original	10/1/2002	0.00	0.25	0.16
Miscellaneous Programs	10	1807	CA-29	1,148,746.0	653,734.4	CA-29-0.5-1ft	Original	10/1/2002	0.50	1.00	0.24

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Miscellaneous Programs	10	1807	CA-29	1,148,746.0	653,734.4	CA-29-1-1.5ft	Original	10/1/2002	1.00	1.50	0.073 J
Miscellaneous Programs	10	1807	CA-3	1,148,665.3	653,759.4	CA-3-0-0.25ft	Original	1/31/2002	0.00	0.25	0.53 J
Miscellaneous Programs	10	1807	CA-3	1,148,665.3	653,759.4	CA-3-0.5-1ft	Original	1/31/2002	0.50	1.00	0.088 U
Miscellaneous Programs	10	1807	CA-30	1,148,739.5	653,758.4	CA-30-0-0.25ft	Original	10/1/2002	0.00	0.25	0.064
Miscellaneous Programs	10	1807	CA-30	1,148,739.5	653,758.4	CA-30-0.5-1ft	Original	10/1/2002	0.50	1.00	0.15
Miscellaneous Programs	10	1807	CA-30	1,148,739.5	653,758.4	CA-30-1-1.5ft	Original	10/1/2002	1.00	1.50	0.064
Miscellaneous Programs	10	1807	CA-5	1,148,727.9	653,685.4	CA-5-0-0.25ft	Original	1/31/2002	0.00	0.25	0.071 U
Miscellaneous Programs	10	1807	CA-5	1,148,727.9	653,685.4	CA-5-0.5-1ft	Original	1/31/2002	0.50	1.00	0.084 U
Miscellaneous Programs	10	1807	CA-6	1,148,724.5	653,708.6	CA-6-0-0.25ft	Original	1/31/2002	0.00	0.25	0.26 J
Miscellaneous Programs	10	1807	CA-6	1,148,724.5	653,708.6	CA-6-0.5-1ft	Original	1/31/2002	0.50	1.00	0.086 U
Miscellaneous Programs	10	1807	CA-7	1,148,720.1	653,734.5	CA-7-0-0.25ft	Original	1/31/2002	0.00	0.25	0.59 J
Miscellaneous Programs	10	1807	CA-7	1,148,720.1	653,734.5	CA-7-0.5-1ft	Original	1/31/2002	0.50	1.00	0.085 U
Miscellaneous Programs	10	1807	CA-8	1,148,717.1	653,760.5	CA-8-0-0.25ft	Original	1/31/2002	0.00	0.25	0.084 U
Miscellaneous Programs	10	1807	CA-8	1,148,717.1	653,760.5	CA-8-0.5-1ft	Original	1/31/2002	0.50	1.00	0.087 U
Miscellaneous Programs	10	2287	CP-C-8	1,147,881.7	654,837.1	CP-C-8-0-3"	Original	2/14/2002	0.00	0.25	0.44
Miscellaneous Programs	10	2287	CP-C-8	1,147,881.7	654,837.1	CP-C-8-6-12"	Original	2/14/2002	0.50	1.00	0.080 U
Miscellaneous Programs	10	2351	CP-C-6	1,147,939.7	654,935.9	CP-C-6-0-3"	Original	2/14/2002	0.00	0.25	4.4
Miscellaneous Programs	10	2351	CP-C-6	1,147,939.7	654,935.9	CP-C-6-6-12"	Original	2/14/2002	0.50	1.00	4.8 J
Miscellaneous Programs	10	2351	CP-C-7	1,147,853.7	654,924.3	CP-C-7-0-3"	Original	2/14/2002	0.00	0.25	2.5
Miscellaneous Programs	10	2351	CP-C-7	1,147,853.7	654,924.3	CP-C-7-0-3"-DUP	Field Duplicate	2/14/2002	0.00	0.25	2.5 J
Miscellaneous Programs	10	2351	CP-C-7	1,147,853.7	654,924.3	CP-C-7-6-12"	Original	2/14/2002	0.50	1.00	2.9 J
Nonresidential Other	10	2049	T-13	1,148,354.7	654,352.6	T-13 (CA-10) 4-6'	Original	8/17/2010	4.00	6.00	53 J
Nonresidential Other	10	2049	T-13	1,148,354.7	654,352.6	T-13 (CA-10) 6-8'	Original	8/17/2010	6.00	8.00	38 J
Nonresidential Other	10	2049	T-13	1,148,354.7	654,352.6	T-13 (CA-10) 8-10'	Original	8/17/2010	8.00	10.00	55 J
Nonresidential Other	10	2049	T-13	1,148,354.7	654,352.6	T-13 (CA-10) 10-12'	Original	8/17/2010	10.00	12.00	58 J
Nonresidential Other	10	2049	T-13	1,148,354.7	654,352.6	T-13 (CA-10) 13-15'	Original	8/17/2010	13.00	15.00	0.44 U
Nonresidential Other	10	2049	T-13	1,148,354.7	654,352.6	T-13 (CA-10) 15-17'	Original	8/21/2010	15.00	17.00	72 J
Nonresidential Other	10	2049	T-13	1,148,354.7	654,352.6	T-13 (CA-10) 17-19'	Original	8/21/2010	17.00	19.00	0.98 J
Nonresidential Other	10	2049	T-13	1,148,354.7	654,352.6	T-13 (CA-10) 19-21'	Original	8/21/2010	19.00	21.00	25 J
Nonresidential Other	10	2049	T-13	1,148,354.7	654,352.6	T-13 (CA-10) 21-23'	Original	8/21/2010	21.00	23.00	0.88 J
Nonresidential Other	10	2049	T-13	1,148,354.7	654,352.6	T-13 (CA-10) 23-25'	Original	8/21/2010	23.00	25.00	3.7 J
Nonresidential OU-1/OU-2 FSP	10	1788	CA-10-1788-01	1,148,824.2	653,568.9	S70284	Original	7/25/2006	0.00	0.50	1.1
Nonresidential OU-1/OU-2 FSP	10	1788	CA-10-1788-01	1,148,824.2	653,568.9	S70285	Field Duplicate	7/25/2006	0.00	0.50	1.0 J
Nonresidential OU-1/OU-2 FSP	10	1807	CA-10-1807-02	1,148,789.3	653,687.1	S70286	Original	7/25/2006	0.00	0.50	6.3
Nonresidential OU-1/OU-2 FSP	10	1807	CA-10-1807-02	1,148,789.3	653,687.1	S70566	Original	5/31/2007	0.50	1.00	1.9
Nonresidential OU-1/OU-2 FSP	10	1807	CA-10-1807-02	1,148,789.3	653,687.1	S70567	Original	5/31/2007	1.00	2.00	0.72
Nonresidential OU-1/OU-2 FSP	10	1807	CA-10-1807-03	1,148,780.4	653,740.0	S70287	Original	7/25/2006	0.00	0.50	0.88 J
Nonresidential OU-1/OU-2 FSP	10	1912	CA-10-1912-04	1,148,677.1	653,805.8	S70288	Original	7/21/2006	0.00	0.50	0.59
Nonresidential OU-1/OU-2 FSP	10	1912	CA-10-1912-05	1,148,552.3	653,815.7	S70289	Original	7/21/2006	0.00	0.50	0.70

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-06	1,148,315.2	653,889.6	S70290	Original	7/21/2006	0.00	0.50	0.33
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-07	1,148,421.8	653,938.5	S70291	Original	7/21/2006	0.00	0.50	0.26
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-08	1,148,227.0	654,004.3	S70292	Original	7/21/2006	0.00	0.50	0.59
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-09	1,148,369.9	654,059.0	S70293	Original	7/21/2006	0.00	0.50	0.64 J
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-10	1,148,248.6	654,267.9	S70294	Original	7/21/2006	0.00	0.50	0.62 J
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-11	1,148,361.8	654,359.7	S70295	Original	7/21/2006	0.00	0.50	27
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-11	1,148,361.8	654,359.7	S70571	Original	5/22/2007	0.50	1.00	24
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-11	1,148,361.8	654,359.7	S70572	Original	5/22/2007	1.00	2.00	52
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-11	1,148,361.8	654,359.7	S70573	Original	5/22/2007	2.00	3.00	31
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-11	1,148,361.8	654,359.7	S70574	Original	5/22/2007	3.00	4.00	190 J
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-12	1,148,378.0	654,437.6	S70296	Original	7/21/2006	0.00	0.50	39
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-12	1,148,378.0	654,437.6	S70576	Original	5/22/2007	0.50	1.00	37
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-12	1,148,378.0	654,437.6	S70577	Original	5/22/2007	1.00	2.00	31
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-12	1,148,378.0	654,437.6	S70578	Original	5/22/2007	2.00	3.00	560
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-12	1,148,378.0	654,437.6	S70579	Original	5/22/2007	3.00	4.00	61
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-13	1,148,183.7	654,537.6	S70297	Original	7/21/2006	0.00	0.50	66 J
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-13	1,148,183.7	654,537.6	S70581	Original	5/22/2007	0.50	1.00	35
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-13	1,148,183.7	654,537.6	S70582	Original	5/22/2007	1.00	2.00	25
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-13	1,148,183.7	654,537.6	S70583	Original	5/22/2007	2.00	3.00	19
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-13	1,148,183.7	654,537.6	S70584	Original	5/22/2007	3.00	4.00	72
Nonresidential OU-1/OU-2 FSP	10	2133	CA-10-2133-14	1,148,169.0	654,598.1	S70298	Original	7/21/2006	0.00	0.50	35
Nonresidential OU-1/OU-2 FSP	10	2133	CA-10-2133-15	1,148,146.1	654,734.1	S70299	Original	7/21/2006	0.00	0.50	4.5
Nonresidential OU-1/OU-2 FSP	10	2287	CA-10-2287-16	1,147,913.5	654,788.2	S70300	Original	7/25/2006	0.00	0.50	0.58
Special Use Sampling	10	1958	CA-10-SU-1958-A	1,148,608.2	652,959.6	1958-LA-3A	Original	10/17/2007	0.00	0.25	0.23
Special Use Sampling	10	1958	CA-10-SU-1958-A	1,148,608.2	652,959.6	1958-LA-3A-X	Field Duplicate	10/17/2007	0.00	0.25	0.19
Special Use Sampling	10	1958	CA-10-SU-1958-B	1,148,610.3	652,865.8	1958-LA-3B	Original	10/17/2007	0.00	0.25	0.088 J
Special Use Sampling	10	1958	CA-10-SU-1958-C	1,148,541.5	652,742.3	1958-LA-3C	Original	10/17/2007	0.00	0.25	0.38
USEPA Programs	10	2049	PB-024-07	1,148,260.8	653,780.3	PB-024-07	Original	3/22/2000	0.00	0.25	0.13 J
USEPA Programs	10	2049	PB-024-09	1,148,380.5	653,876.4	PB-024-09	Original	3/22/2000	0.00	0.25	1.8 UJ
USEPA Programs	10	2049	PB-024-60	1,148,368.6	653,945.4	PB-024-60A	Original	3/22/2000	0.00	4.00	0.23 UJ
USEPA Programs	10	2133	PB-RRB3-01	1,148,173.8	654,806.2	PB-RRB3-01	Original	3/25/2000	0.00	0.25	13 J
Miscellaneous Programs	11	2057	CP-C-1	1,148,332.2	654,955.2	CP-C-1-0-3"	Original	2/14/2002	0.00	0.25	0.080 U
Miscellaneous Programs	11	2057	CP-C-1	1,148,332.2	654,955.2	CP-C-1-6-12"	Original	2/14/2002	0.50	1.00	0.22
Miscellaneous Programs	11	2057	CP-C-2	1,148,383.0	655,016.6	CP-C-2-0-3"	Original	2/14/2002	0.00	0.25	0.087 U
Miscellaneous Programs	11	2057	CP-C-2	1,148,383.0	655,016.6	CP-C-2-6-12"	Original	2/14/2002	0.50	1.00	0.080 U
Miscellaneous Programs	11	2057	CP-C-3	1,148,429.7	654,893.8	CP-C-3-0-3"	Original	2/14/2002	0.00	0.25	16 J
Miscellaneous Programs	11	2057	CP-C-3	1,148,429.7	654,893.8	CP-C-3-6-12"	Original	2/14/2002	0.50	1.00	2.4 J
Miscellaneous Programs	11	2057	CP-C-4	1,148,343.9	654,859.8	CP-C-4-0-3"	Original	2/14/2002	0.00	0.25	2.1 J
Miscellaneous Programs	11	2057	CP-C-4	1,148,343.9	654,859.8	CP-C-4-6-12"	Original	2/14/2002	0.50	1.00	0.23 J

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Miscellaneous Programs	11	2057	CP-C-5	1,148,425.4	654,691.4	CP-C-5-0-3"	Original	2/14/2002	0.00	0.25	2.6 J
Miscellaneous Programs	11	2057	CP-C-5	1,148,425.4	654,691.4	CP-C-5-0-3"-DUP	Field Duplicate	2/14/2002	0.00	0.25	2.0
Miscellaneous Programs	11	2057	CP-C-5	1,148,425.4	654,691.4	CP-C-5-6-12"	Original	2/14/2002	0.50	1.00	0.72 J
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-03	1,148,477.3	654,616.6	S70265	Original	7/24/2006	0.00	0.50	0.50 J
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-04	1,148,474.0	654,671.9	S70266	Original	7/24/2006	0.00	0.50	1.7
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-05	1,148,438.7	654,747.5	S70267	Original	7/24/2006	0.00	0.50	1.5 J
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-06	1,148,372.3	654,754.1	S70268	Original	7/24/2006	0.00	0.50	2.4 J
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-07	1,148,454.0	654,797.8	S70269	Original	7/24/2006	0.00	0.50	3.5
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-08	1,148,339.8	654,834.6	S70270	Original	7/25/2006	0.00	0.50	1.5 J
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-09	1,148,466.7	654,852.9	S70271	Original	7/24/2006	0.00	0.50	0.43
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-10	1,148,244.6	654,871.9	S70272	Original	7/24/2006	0.00	0.50	0.51
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-11	1,148,386.9	654,913.9	S70273	Original	7/25/2006	0.00	0.50	1.0 J
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-12	1,148,448.0	654,936.0	S70274	Original	7/24/2006	0.00	0.50	0.45
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-13	1,148,417.4	654,943.4	S70275	Original	7/24/2006	0.00	0.50	1.7 J
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-14	1,148,314.8	654,945.0	S70276	Original	9/27/2006	0.00	0.50	0.15
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-15	1,148,185.4	654,969.1	S70277	Original	9/27/2006	0.00	0.50	0.21
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-16	1,148,386.8	654,995.3	S70278	Original	9/27/2006	0.00	0.50	0.31 J
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-16	1,148,386.8	654,995.3	S70279	Field Duplicate	9/27/2006	0.00	0.50	0.087
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-17	1,148,263.8	655,023.9	S70280	Original	9/27/2006	0.00	0.50	0.039 U
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-18	1,148,442.1	655,033.3	S70281	Original	7/24/2006	0.00	0.50	0.050
Nonresidential OU-1/OU-2 FSP	11	2200	CA-11-2200-19	1,148,189.5	655,169.9	S70282	Original	7/24/2006	0.00	0.50	0.35 J
Nonresidential OU-1/OU-2 FSP	11	2209	CA-11-2209-20	1,148,210.0	655,242.1	S70283	Original	7/24/2006	0.00	0.50	0.40
Nonresidential OU-1/OU-2 FSP	11	9999	CA-11-9999-01	1,147,854.3	655,287.1	S70263	Original	7/13/2006	0.00	0.50	0.21
Nonresidential OU-1/OU-2 FSP	11	9999	CA-11-9999-02	1,147,860.6	655,194.1	S70264	Original	7/14/2006	0.00	0.50	1.6
Nonresidential Other	12	2737	T-14	1,146,450.2	655,874.8	T-14 (CA-12) 4'-6'	Original	8/16/2010	4.00	6.00	2.7 J
Nonresidential Other	12	2737	T-14	1,146,450.2	655,874.8	T-14 (CA-12) 6-8'	Original	8/16/2010	6.00	8.00	0.25
Nonresidential OU-1/OU-2 FSP	12	2737	CA-12-2737-01	1,147,020.5	655,577.9	S70099	Original	7/17/2006	0.00	0.50	2.3
Nonresidential OU-1/OU-2 FSP	12	2737	CA-12-2737-02	1,146,804.0	655,646.1	S70100	Original	7/17/2006	0.00	0.50	0.18
Nonresidential OU-1/OU-2 FSP	12	2737	CA-12-2737-03	1,146,627.0	655,617.2	S70101	Original	7/18/2006	0.00	0.50	1.2
Nonresidential OU-1/OU-2 FSP	12	2737	CA-12-2737-04	1,146,640.5	655,796.5	S70102	Original	7/18/2006	0.00	0.50	0.48
Nonresidential OU-1/OU-2 FSP	12	2737	CA-12-2737-05	1,146,546.0	655,845.9	S70103	Original	7/18/2006	0.00	0.50	13
Nonresidential OU-1/OU-2 FSP	12	2737	CA-12-2737-05	1,146,546.0	655,845.9	S70591	Original	5/24/2007	0.50	1.00	1.2
Nonresidential OU-1/OU-2 FSP	12	2737	CA-12-2737-05	1,146,546.0	655,845.9	S70592	Original	5/24/2007	1.00	2.00	0.77
Nonresidential OU-1/OU-2 FSP	12	2737	CA-12-2737-06	1,146,453.0	655,880.0	S70104	Original	7/18/2006	0.00	0.50	15
Nonresidential OU-1/OU-2 FSP	12	2737	CA-12-2737-06	1,146,453.0	655,880.0	S70596	Original	5/24/2007	0.50	1.00	6.3
Nonresidential OU-1/OU-2 FSP	12	2737	CA-12-2737-06	1,146,453.0	655,880.0	S70597	Original	5/24/2007	1.00	2.00	9.0
Nonresidential OU-1/OU-2 FSP	12	2737	CA-12-2737-06	1,146,453.0	655,880.0	S70598	Original	5/24/2007	2.00	3.00	25 J
Nonresidential OU-1/OU-2 FSP	12	2737	CA-12-2737-06	1,146,453.0	655,880.0	S70599	Original	5/24/2007	3.00	4.00	4.1
Nonresidential OU-1/OU-2 FSP	12	2819	CA-12-2819-07	1,146,698.6	655,483.5	S70105	Original	7/17/2006	0.00	0.50	19

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	12	2819	CA-12-2819-07	1,146,698.6	655,483.5	S70601	Original	5/23/2007	0.50	1.00	2.5
Nonresidential OU-1/OU-2 FSP	12	2819	CA-12-2819-07	1,146,698.6	655,483.5	S70602	Original	5/23/2007	1.00	2.00	13
Nonresidential OU-1/OU-2 FSP	12	2819	CA-12-2819-07	1,146,698.6	655,483.5	S70603	Original	5/23/2007	2.00	3.00	1.7
Nonresidential OU-1/OU-2 FSP	12	2819	CA-12-2819-07	1,146,698.6	655,483.5	S70604	Original	5/23/2007	3.00	4.00	0.19
Nonresidential OU-1/OU-2 FSP	12	2819	CA-12-2819-08	1,146,899.0	655,481.3	S70106	Original	7/17/2006	0.00	0.50	1.2 J
USEPA Programs	12	2819	PB-009-04	1,146,755.4	655,500.7	PB-009-04	Original	3/21/2000	0.00	0.25	2.3 UJ
USEPA Programs	12	2819	PB-009-60	1,146,827.3	655,489.0	PB-009-60A	Original	1/1/2000	0.00	0.25	0.20 UJ
Nonresidential OU-1/OU-2 FSP	13	2598	CA-13-2598-01	1,147,368.2	654,809.3	S70107	Original	7/27/2006	0.00	0.50	0.26
Nonresidential OU-1/OU-2 FSP	13	2850	CA-13-2850-02	1,146,775.7	654,975.2	S70108	Original	7/27/2006	0.00	0.50	5.5
Nonresidential OU-1/OU-2 FSP	13	2850	CA-13-2850-02	1,146,775.7	654,975.2	S70606	Original	5/22/2007	0.50	1.00	2.2
Nonresidential OU-1/OU-2 FSP	13	2850	CA-13-2850-02	1,146,775.7	654,975.2	S70775	Field Duplicate	5/22/2007	0.50	1.00	2.4 J
Nonresidential OU-1/OU-2 FSP	13	2850	CA-13-2850-02	1,146,775.7	654,975.2	S70607	Original	5/22/2007	1.00	2.00	0.099
Nonresidential OU-1/OU-2 FSP	13	2850	CA-13-2850-02	1,146,775.7	654,975.2	S70776	Field Duplicate	5/22/2007	1.00	2.00	0.047
Nonresidential OU-1/OU-2 FSP	13	2850	CA-13-2850-03	1,146,769.2	655,030.4	S70109	Original	7/27/2006	0.00	0.50	4.3
Nonresidential OU-1/OU-2 FSP	13	2875	CA-13-2875-04	1,146,758.7	654,627.8	S70110	Original	7/26/2006	0.00	0.50	0.21
Nonresidential OU-1/OU-2 FSP	13	2875	CA-13-2875-05	1,146,797.2	654,762.9	S70111	Original	7/26/2006	0.00	0.50	0.26
Nonresidential OU-1/OU-2 FSP	13	2900	CA-13-2900-08	1,146,720.6	655,095.6	S70114	Original	7/27/2006	0.00	0.50	0.87
Nonresidential OU-1/OU-2 FSP	13	2900	CA-13-2900-08	1,146,720.6	655,095.6	S70115	Field Duplicate	7/27/2006	0.00	0.50	0.66 J
Nonresidential OU-1/OU-2 FSP	13	2900	CA-13-2900-09	1,146,714.6	655,168.8	S70116	Original	7/26/2006	0.00	0.50	7.4
Nonresidential OU-1/OU-2 FSP	13	2900	CA-13-2900-09	1,146,714.6	655,168.8	S70611	Original	5/22/2007	0.50	1.00	8.1
Nonresidential OU-1/OU-2 FSP	13	2900	CA-13-2900-09	1,146,714.6	655,168.8	S70612	Original	5/22/2007	1.00	2.00	1.6
Nonresidential OU-1/OU-2 FSP	13	2900	CA-13-2900-09	1,146,714.6	655,168.8	S70613	Original	5/22/2007	2.00	3.00	0.053
Nonresidential OU-1/OU-2 FSP	13	2900	CA-13-2900-10	1,146,685.5	655,212.5	S70117	Original	7/26/2006	0.00	0.50	12
Nonresidential OU-1/OU-2 FSP	13	2900	CA-13-2900-10	1,146,685.5	655,212.5	S70616	Original	5/22/2007	0.50	1.00	23
Nonresidential OU-1/OU-2 FSP	13	2900	CA-13-2900-10	1,146,685.5	655,212.5	S70617	Original	5/22/2007	1.00	2.00	14
Nonresidential OU-1/OU-2 FSP	13	2900	CA-13-2900-10	1,146,685.5	655,212.5	S70618	Original	5/22/2007	2.00	3.00	0.40
Nonresidential OU-1/OU-2 FSP	13	2939	CA-13-2939-06	1,146,634.9	654,526.3	S70112	Original	7/27/2006	0.00	0.50	0.040 U
Nonresidential OU-1/OU-2 FSP	13	2939	CA-13-2939-07	1,146,604.8	654,514.6	S70113	Original	7/27/2006	0.00	0.50	0.46
Residential Sampling	13	2850	FC3-0063-D	1,146,878.9	654,919.0	FC3-0063-D	Original	5/9/2000	0.00	0.25	0.22 J
Special Use Sampling	13	2875	CA-13-SU-2875-LA-B	1,146,660.3	654,657.8	2875-LA-3B	Original	2/13/2008	0.00	0.25	0.18
Special Use Sampling	13	2875	CA-13-SU-2875-LA-C	1,146,758.8	654,622.9	2875-LA-3C	Original	2/13/2008	0.00	0.25	0.19
Miscellaneous Programs	14 North	3053	3053-A	1,146,263.0	655,830.0	3053-3A	Original	9/12/2002	0.00	0.25	13
Miscellaneous Programs	14 North	3053	3053-B	1,146,355.0	655,791.0	3053-3B	Original	9/12/2002	0.00	0.25	29 J
Miscellaneous Programs	14 North	3053	3053-C	1,146,273.0	655,931.0	3053-3C	Original	9/12/2002	0.00	0.25	7.5
Miscellaneous Programs	14 North	3053	3053-C	1,146,273.0	655,931.0	3053-3C-X	Field Duplicate	9/12/2002	0.00	0.25	6.8
Miscellaneous Programs	14 North	3053	3053-D	1,146,251.0	656,004.0	3053-3D	Original	9/12/2002	0.00	0.25	14
Nonresidential OU-1/OU-2 FSP	14 North	3002	CA-14-3002-01	1,146,501.0	655,558.1	S70118	Original	7/18/2006	0.00	0.50	3.9 J
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-02	1,146,336.9	655,759.3	S70119	Original	7/18/2006	0.00	0.50	16
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-02	1,146,336.9	655,759.3	S70621	Original	5/24/2007	0.50	1.00	28

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-02	1,146,336.9	655,759.3	S70622	Original	5/24/2007	1.00	2.00	11
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-02	1,146,336.9	655,759.3	S70623	Original	5/24/2007	2.00	3.00	0.042
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-03	1,146,362.0	655,806.1	S70120	Original	7/18/2006	0.00	0.50	46
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-03	1,146,362.0	655,806.1	S70121	Field Duplicate	7/18/2006	0.00	0.50	36 J
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-03	1,146,362.0	655,806.1	S70626	Original	5/24/2007	0.50	1.00	11
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-03	1,146,362.0	655,806.1	S70627	Original	5/24/2007	1.00	2.00	4.6
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-03	1,146,362.0	655,806.1	S70628	Original	5/24/2007	2.00	3.00	0.12
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-04	1,146,235.9	655,888.9	S70122	Original	7/18/2006	0.00	0.50	1.1 J
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-05	1,146,283.2	655,918.4	S70123	Original	7/18/2006	0.00	0.50	6.7 J
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-05	1,146,283.2	655,918.4	S70631	Original	5/24/2007	0.50	1.00	8.4
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-05	1,146,283.2	655,918.4	S70632	Original	5/24/2007	1.00	2.00	1.9
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-05	1,146,283.2	655,918.4	S70633	Original	5/24/2007	2.00	3.00	0.038 U
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-06	1,146,199.9	656,047.2	S70124	Original	7/17/2006	0.00	0.50	11
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-06	1,146,199.9	656,047.2	S70636	Original	5/24/2007	0.50	1.00	5.6 J
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-06	1,146,199.9	656,047.2	S70637	Original	5/24/2007	1.00	2.00	0.23 J
Nonresidential OU-1/OU-2 FSP	14 North	3189	CA-14-3189-08	1,145,984.0	655,969.5	S70126	Original	7/18/2006	0.00	0.50	2.0
Nonresidential OU-1/OU-2 FSP	14 North	3189	CA-14-3189-09	1,146,078.6	655,992.3	S70127	Original	7/18/2006	0.00	0.50	1.1
Nonresidential OU-1/OU-2 FSP	14 North	3189	CA-14-3189-10	1,145,931.0	655,999.0	S70128	Original	7/18/2006	0.00	0.50	21
Nonresidential OU-1/OU-2 FSP	14 North	3189	CA-14-3189-10	1,145,931.0	655,999.0	S70641	Original	5/23/2007	0.50	1.00	45 J
Nonresidential OU-1/OU-2 FSP	14 North	3189	CA-14-3189-10	1,145,931.0	655,999.0	S70642	Original	5/23/2007	1.00	2.00	4.0 J
Nonresidential OU-1/OU-2 FSP	14 North	3189	CA-14-3189-10	1,145,931.0	655,999.0	S70643	Original	5/23/2007	2.00	3.00	0.19
Nonresidential OU-1/OU-2 FSP	14 North	3189	CA-14-3189-12	1,146,061.0	656,051.0	S70130	Original	7/17/2006	0.00	0.50	3.5
Nonresidential OU-1/OU-2 FSP	14 South	3349	CA-14-3349-13	1,145,861.4	655,473.8	S70131	Original	7/17/2006	0.00	0.50	0.16 J
Nonresidential OU-1/OU-2 FSP	14 South	3796	CA-14-9999-20	1,145,139.9	656,681.1	S70138	Original	7/13/2006	0.00	0.50	0.29 J
Nonresidential OU-1/OU-2 FSP	14 South	9999	CA-14-9999-15	1,145,759.9	656,135.1	S70133	Original	7/13/2006	0.00	0.50	0.054
Nonresidential OU-1/OU-2 FSP	14 South	9999	CA-14-9999-16	1,145,912.0	656,168.0	S70134	Original	7/18/2006	0.00	0.50	0.44
Nonresidential OU-1/OU-2 FSP	14 South	9999	CA-14-9999-17	1,145,766.1	656,253.7	S70135	Original	7/13/2006	0.00	0.50	0.066
Nonresidential OU-1/OU-2 FSP	14 South	9999	CA-14-9999-18	1,145,336.5	656,573.4	S70136	Original	7/13/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	14 South	9999	CA-14-9999-19	1,145,272.6	656,623.5	S70137	Original	7/13/2006	0.00	0.50	0.39
Special Use Sampling	14 South	3368	CA-14-SU-3368-B	1,145,807.6	655,815.1	3368-LA-3B	Original	3/15/2007	0.00	0.25	0.11
Special Use Sampling	14 South	3368	CA-14-SU-3368-G	1,146,010.5	656,046.0	3368-LA-3G	Original	3/15/2007	0.00	0.25	1.7 J
Special Use Sampling	14 South	3368	CA-14-SU-3368-H	1,145,952.1	655,980.6	3368-LA-3H	Original	2/25/2010	0.00	0.25	1.7
Special Use Sampling	14 South	3368	CA-14-SU-3368-I	1,146,081.3	655,984.3	3368-LA-3I	Original	2/25/2010	0.00	0.25	0.88
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-01	1,147,411.9	655,552.9	S70139	Original	7/12/2006	0.00	0.50	0.049
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-02	1,147,451.0	655,652.2	S70140	Original	7/12/2006	0.00	0.50	0.25
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-03	1,147,175.9	655,692.0	S70141	Original	7/12/2006	0.00	0.50	0.10
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-04	1,147,022.1	655,821.2	S70142	Original	7/12/2006	0.00	0.50	0.28
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-05	1,146,731.9	655,949.1	S70143	Original	7/12/2006	0.00	0.50	0.090
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-06	1,147,446.0	655,964.0	S70144	Original	7/12/2006	0.00	0.50	0.31

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-07	1,147,469.1	656,114.1	S70145	Original	7/12/2006	0.00	0.50	2.6
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-08	1,146,575.0	656,164.0	S70146	Original	7/12/2006	0.00	0.50	0.036 U
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-11	1,146,842.2	656,282.9	S70149	Original	7/12/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-12	1,146,664.8	656,344.1	S70150	Original	7/12/2006	0.00	0.50	0.036 U
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-13	1,146,962.1	656,343.0	S70151	Original	7/12/2006	0.00	0.50	1.2
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-14	1,146,533.9	656,401.0	S70152	Original	7/12/2006	0.00	0.50	1.3
Nonresidential OU-1/OU-2 FSP	15/16	2761	CA-15-2550-09	1,147,216.1	656,175.3	S70147	Original	7/12/2006	0.00	0.50	0.17
Nonresidential OU-1/OU-2 FSP	15/16	2761	CA-15-2550-10	1,147,015.7	656,179.9	S70148	Original	7/12/2006	0.00	0.50	0.036 U
Nonresidential OU-1/OU-2 FSP	15/16	2787	CA-16-2787-01	1,146,840.4	656,883.9	S70301	Original	7/25/2006	0.00	0.50	0.041 U
Nonresidential OU-1/OU-2 FSP	15/16	2883	CA-16-2883-02	1,146,612.0	656,923.6	S70302	Original	7/25/2006	0.00	0.50	0.040 U
Nonresidential OU-1/OU-2 FSP	15/16	2883	CA-16-2883-03	1,146,702.0	657,002.5	S70303	Original	7/25/2006	0.00	0.50	0.041
Nonresidential OU-1/OU-2 FSP	15/16	2883	CA-16-2883-04	1,146,641.2	657,126.9	S70304	Original	7/25/2006	0.00	0.50	0.038 U
Nonresidential OU-1/OU-2 FSP	15/16	2883	CA-16-2883-05	1,146,606.4	657,182.9	S70305	Original	7/26/2006	0.00	0.50	0.057
Nonresidential OU-1/OU-2 FSP	15/16	2883	CA-16-2883-06	1,146,742.2	657,221.6	S70306	Original	7/26/2006	0.00	0.50	0.038 U
Nonresidential OU-1/OU-2 FSP	15/16	2940	CA-16-2940-07	1,146,618.9	656,616.0	S70307	Original	7/25/2006	0.00	0.50	0.26 J
Nonresidential OU-1/OU-2 FSP	15/16	2940	CA-16-2940-07	1,146,618.9	656,616.0	S70308	Field Duplicate	7/25/2006	0.00	0.50	0.22 J
Nonresidential OU-1/OU-2 FSP	15/16	2940	CA-16-2940-08	1,146,589.5	656,735.7	S70309	Original	7/25/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	15/16	3009	CA-16-3009-09	1,146,424.9	657,170.6	S70310	Original	7/25/2006	0.00	0.50	0.13
Nonresidential OU-1/OU-2 FSP	15/16	3014	CA-16-3014-10	1,146,243.8	656,776.1	S70311	Original	7/25/2006	0.00	0.50	4.1
Nonresidential OU-1/OU-2 FSP	15/16	3016	CA-15-3016-15	1,146,426.0	656,254.0	S70153	Original	7/12/2006	0.00	0.50	0.037
Nonresidential OU-1/OU-2 FSP	15/16	3016	CA-15-3016-16	1,146,307.0	656,364.0	S70154	Original	7/12/2006	0.00	0.50	0.93
Nonresidential OU-1/OU-2 FSP	15/16	3016	CA-15-3016-17	1,146,173.1	656,484.1	S70155	Original	7/12/2006	0.00	0.50	4.7
Nonresidential OU-1/OU-2 FSP	15/16	3016	CA-15-3016-17	1,146,173.1	656,484.1	S70156	Field Duplicate	7/12/2006	0.00	0.50	4.5
Nonresidential OU-1/OU-2 FSP	15/16	3144	CA-16-3144-11	1,146,178.2	656,727.2	S70312	Original	7/25/2006	0.00	0.50	0.49
Nonresidential OU-1/OU-2 FSP	15/16	3144	CA-16-3144-12	1,146,113.4	656,916.7	S70313	Original	7/25/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	15/16	3145	CA-16-3145-14	1,145,745.3	657,180.2	S70315	Original	7/25/2006	0.00	0.50	0.46
Nonresidential OU-1/OU-2 FSP	15/16	3172	CA-15-3172-18	1,146,129.0	656,273.6	S70157	Original	7/12/2006	0.00	0.50	3.1
Nonresidential OU-1/OU-2 FSP	15/16	3172	CA-15-3172-19	1,145,994.9	656,394.0	S70158	Original	7/12/2006	0.00	0.50	0.086
Nonresidential OU-1/OU-2 FSP	15/16	3172	CA-15-3172-20	1,145,755.9	656,514.0	S70159	Original	7/12/2006	0.00	0.50	0.095
Nonresidential OU-1/OU-2 FSP	15/16	3210	CA-16-3210-15	1,146,074.5	656,724.7	S70316	Original	7/26/2006	0.00	0.50	0.35 J
Nonresidential OU-1/OU-2 FSP	15/16	3210	CA-16-3210-16	1,146,000.0	656,813.7	S70317	Original	7/25/2006	0.00	0.50	0.049
Nonresidential OU-1/OU-2 FSP	15/16	3210	CA-16-3210-17	1,145,967.2	656,897.4	S70318	Original	7/25/2006	0.00	0.50	0.16
Nonresidential OU-1/OU-2 FSP	15/16	8561	CA-16-8561-19	1,146,346.9	657,130.1	S70320	Original	7/25/2006	0.00	0.50	4.1
Nonresidential OU-1/OU-2 FSP	15/16	8561	CA-16-8561-20	1,146,256.9	657,212.7	S70321	Original	7/25/2006	0.00	0.50	0.037 U
Special Use Sampling	15/16	3145	3145-G	1,145,978.4	657,128.0	3145-LA-3G	Original	4/16/2014	0.00	0.25	0.33
Special Use Sampling	15/16	3145	3145-G	1,145,978.4	657,128.0	3145-LA-3G-X	Field Duplicate	4/16/2014	0.00	0.25	0.31 J
Special Use Sampling	15/16	3145	CA-16-SU-3145-LA-E	1,145,907.5	656,854.5	3145-LA-3E	Original	11/28/2007	0.00	0.25	0.075 U
Special Use Sampling	15/16	3145	CA-16-SU-3145-LA-F	1,146,030.2	656,842.2	3145-LA-3F	Original	11/28/2007	0.00	0.25	0.046
Special Use Sampling	15/16	78070	3145-H	1,145,978.4	657,128.0	3145-LA-3H	Original	4/16/2014	0.00	0.25	0.41 J

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Special Use Sampling	15/16	78071	3145-I	1,145,978.4	657,128.0	3145-LA-3I	Original	4/16/2014	0.00	0.25	0.32 J
Special Use Sampling	15/16	78072	3145-J	1,145,978.4	657,128.0	3145-LA-3J	Original	4/16/2014	0.00	0.25	0.37 J
Nonresidential Other	17	4011	T-15	1,144,643.0	656,977.1	T-15 (CA-17) 4-6'	Original	8/16/2010	4.00	6.00	0.075 U
Nonresidential Other	17	4011	T-15	1,144,643.0	656,977.1	T-15 (CA-17) 6-8'	Original	8/16/2010	6.00	8.00	0.071 U
Nonresidential Other	17	4011	T-15	1,144,643.0	656,977.1	T-15 (CA-17) 8-10'	Original	8/16/2010	8.00	10.00	0.072 U
Nonresidential Other	17	4011	T-15	1,144,643.0	656,977.1	T-15 (CA-17) 10-12'	Original	8/16/2010	10.00	12.00	0.075 U
Nonresidential OU-1/OU-2 FSP	17	3450	CA-17-3450-01	1,145,604.8	656,813.0	S70322	Original	7/26/2006	0.00	0.50	0.17
Nonresidential OU-1/OU-2 FSP	17	3536	CA-17-3536-02	1,145,532.3	656,999.0	S70323	Original	7/26/2006	0.00	0.50	0.28
Nonresidential OU-1/OU-2 FSP	17	3536	CA-17-3536-03	1,145,418.7	657,091.8	S70324	Original	7/26/2006	0.00	0.50	10
Nonresidential OU-1/OU-2 FSP	17	3536	CA-17-3536-03	1,145,418.7	657,091.8	S70646	Original	5/24/2007	0.50	1.00	0.42
Nonresidential OU-1/OU-2 FSP	17	3536	CA-17-3536-03	1,145,418.7	657,091.8	S70779	Field Duplicate	5/24/2007	0.50	1.00	0.39
Nonresidential OU-1/OU-2 FSP	17	3536	CA-17-3536-03	1,145,418.7	657,091.8	S70647	Original	5/24/2007	1.00	2.00	0.10
Nonresidential OU-1/OU-2 FSP	17	3536	CA-17-3536-03	1,145,418.7	657,091.8	S70780	Field Duplicate	5/24/2007	1.00	2.00	0.040 J
Nonresidential OU-1/OU-2 FSP	17	3536	CA-17-3536-03	1,145,418.7	657,091.8	S70781	Field Duplicate	5/24/2007	2.00	3.00	0.040 U
Nonresidential OU-1/OU-2 FSP	17	3536	CA-17-3536-04	1,145,511.2	657,222.3	S70325	Original	7/26/2006	0.00	0.50	2.1
Nonresidential OU-1/OU-2 FSP	17	3592	CA-17-3592-05	1,145,378.1	657,399.0	S70326	Original	7/26/2006	0.00	0.50	2.0
Nonresidential OU-1/OU-2 FSP	17	3658	CA-17-3658-06	1,145,248.7	657,333.8	S70327	Original	7/26/2006	0.00	0.50	0.46
Nonresidential OU-1/OU-2 FSP	17	3691	CA-17-3691-07	1,145,274.4	656,788.1	S70328	Original	7/26/2006	0.00	0.50	0.14 J
Nonresidential OU-1/OU-2 FSP	17	3794	CA-17-3794-08	1,145,185.4	657,431.3	S70329	Original	7/26/2006	0.00	0.50	0.49
Nonresidential OU-1/OU-2 FSP	17	3795	CA-17-3795-09	1,145,165.4	656,915.1	S70330	Original	7/26/2006	0.00	0.50	4.2
Nonresidential OU-1/OU-2 FSP	17	3795	CA-17-3795-10	1,145,038.7	656,940.4	S70331	Original	7/26/2006	0.00	0.50	2.2
Nonresidential OU-1/OU-2 FSP	17	3795	CA-17-3795-11	1,144,858.0	657,079.8	S70332	Original	7/26/2006	0.00	0.50	0.038 U
Nonresidential OU-1/OU-2 FSP	17	3795	CA-17-3795-12	1,144,708.1	657,195.7	S70333	Original	7/26/2006	0.00	0.50	0.80
Nonresidential OU-1/OU-2 FSP	17	4011	CA-17-4011-13	1,144,649.3	656,974.0	S70334	Original	7/20/2006	0.00	0.50	13
Nonresidential OU-1/OU-2 FSP	17	4011	CA-17-4011-13	1,144,649.3	656,974.0	S70651	Original	5/23/2007	0.50	1.00	3.1
Nonresidential OU-1/OU-2 FSP	17	4011	CA-17-4011-13	1,144,649.3	656,974.0	S70652	Original	5/25/2007	1.00	2.00	4.6
Nonresidential OU-1/OU-2 FSP	17	4011	CA-17-4011-13	1,144,649.3	656,974.0	S70653	Original	5/23/2007	2.00	3.00	10
Nonresidential OU-1/OU-2 FSP	17	4011	CA-17-4011-13	1,144,649.3	656,974.0	S70654	Original	5/23/2007	3.00	4.00	24
Nonresidential OU-1/OU-2 FSP	17	4011	CA-17-4011-14	1,144,565.2	657,048.8	S70335	Original	7/20/2006	0.00	0.50	12
Nonresidential OU-1/OU-2 FSP	17	4011	CA-17-4011-15	1,144,306.6	657,051.7	S70336	Original	7/20/2006	0.00	0.50	0.87
Nonresidential OU-1/OU-2 FSP	17	4011	CA-17-4011-16	1,144,156.0	657,073.6	S70337	Original	7/20/2006	0.00	0.50	3.5 J
Nonresidential OU-1/OU-2 FSP	17	4011	CA-17-4011-16	1,144,156.0	657,073.6	S70338	Field Duplicate	7/20/2006	0.00	0.50	3.5
Nonresidential OU-1/OU-2 FSP	17	4011	CA-17-4011-17	1,143,984.5	657,078.8	S70339	Original	7/20/2006	0.00	0.50	1.3
Nonresidential OU-1/OU-2 FSP	17	4011	CA-17-4011-18	1,144,203.6	657,181.7	S70340	Original	7/20/2006	0.00	0.50	3.1 J
Nonresidential OU-1/OU-2 FSP	17	4274	CA-17-4274-19	1,144,240.7	657,443.0	S70341	Original	7/26/2006	0.00	0.50	0.27
Nonresidential OU-1/OU-2 FSP	17	4274	CA-17-4274-20	1,144,315.1	657,507.3	S70342	Original	7/26/2006	0.00	0.50	0.090
Nonresidential OU-1/OU-2 FSP	17	4274	CA-17-4274-21	1,144,041.9	657,634.1	S70343	Original	7/26/2006	0.00	0.50	0.047
Nonresidential OU-1/OU-2 FSP	17	4274	CA-17-4274-22	1,144,060.7	657,777.8	S70344	Original	7/26/2006	0.00	0.50	0.036 U
Nonresidential OU-1/OU-2 FSP	17	4559	CA-17-4559-23	1,143,855.7	657,290.2	S70345	Original	7/20/2006	0.00	0.50	5.3

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	17	8618	CA-17-8618-24	1,145,585.6	656,697.6	S70346	Original	7/26/2006	0.00	0.50	0.16
USEPA Programs	17	3795	PB-RRB1-03	1,144,541.9	657,145.7	PB-RRB1-03	Original	3/25/2000	0.00	0.25	2.6 UJ
Nonresidential OU-1/OU-2 FSP	18	4697	CA-18-4697-01	1,143,457.0	658,034.9	S70160	Original	7/18/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	18	4749	CA-18-4749-02	1,143,402.0	657,564.9	S70161	Original	7/18/2006	0.00	0.50	0.038 U
Nonresidential OU-1/OU-2 FSP	18	4768	CA-18-4768-03	1,143,310.2	658,189.0	S70162	Original	7/18/2006	0.00	0.50	0.072
Nonresidential OU-1/OU-2 FSP	18	4820	CA-18-4820-04	1,143,114.0	658,268.0	S70163	Original	7/18/2006	0.00	0.50	0.34
Nonresidential OU-1/OU-2 FSP	18	4880	CA-18-4880-05	1,143,101.0	657,983.0	S70164	Original	7/18/2006	0.00	0.50	0.15 J
Nonresidential OU-1/OU-2 FSP	18	5015	CA-18-5015-06	1,142,855.7	658,392.8	S70165	Original	7/18/2006	0.00	0.50	0.038 U
Nonresidential OU-1/OU-2 FSP	18	5020	CA-18-5020-07	1,142,681.9	658,026.1	S70166	Original	7/18/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	18	5068	CA-18-5068-08	1,142,614.5	657,784.5	S70167	Original	7/18/2006	0.00	0.50	0.14
Nonresidential OU-1/OU-2 FSP	18	5129	CA-18-5129-09	1,142,570.2	657,790.9	S70168	Original	7/18/2006	0.00	0.50	0.48 J
Nonresidential OU-1/OU-2 FSP	18	5129	CA-18-5231-11	1,142,371.7	657,885.2	S70170	Original	7/18/2006	0.00	0.50	1.1
Nonresidential OU-1/OU-2 FSP	18	5231	CA-18-5231-10	1,142,158.7	657,800.5	S70169	Original	7/18/2006	0.00	0.50	0.097
Nonresidential OU-1/OU-2 FSP	18	5263	CA-18-5263-12	1,142,234.8	658,061.5	S70171	Original	7/18/2006	0.00	0.50	0.036 U
Nonresidential OU-1/OU-2 FSP	18	5263	CA-18-5263-13	1,142,201.8	658,254.1	S70172	Original	7/18/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	18	5370	CA-18-5370-14	1,141,992.8	657,777.0	S70173	Original	7/18/2006	0.00	0.50	0.41 J
Nonresidential OU-1/OU-2 FSP	18	5483	CA-18-5483-15	1,141,635.5	657,984.9	S70174	Original	7/18/2006	0.00	0.50	0.43
Nonresidential OU-1/OU-2 FSP	18	5483	CA-18-5483-16	1,141,533.1	658,036.0	S70175	Original	7/18/2006	0.00	0.50	0.072
Nonresidential OU-1/OU-2 FSP	18	5486	CA-18-5486-17	1,141,632.8	657,748.0	S70176	Original	7/18/2006	0.00	0.50	0.42
Nonresidential OU-1/OU-2 FSP	18	5486	CA-18-5486-18	1,141,486.8	657,763.8	S70177	Original	7/18/2006	0.00	0.50	0.23 J
Nonresidential OU-1/OU-2 FSP	18	5486	CA-18-5486-18	1,141,486.8	657,763.8	S70178	Field Duplicate	7/18/2006	0.00	0.50	0.10 J
Nonresidential OU-1/OU-2 FSP	18	5525	CA-18-5525-19	1,141,237.5	658,051.1	S70179	Original	7/18/2006	0.00	0.50	0.19
Special Use Sampling	18	5043	CA-18-SU-5043-LA-A	1,142,663.6	657,823.8	5043-LA-3A	Original	2/20/2009	0.00	0.25	0.080 U
Special Use Sampling	18	5043	CA-18-SU-5043-LA-B	1,142,741.0	657,812.7	5043-LA-3B	Original	2/20/2009	0.00	0.25	0.045
Special Use Sampling	18	5043	CA-18-SU-5043-LA-C	1,142,696.7	657,956.2	5043-LA-3C	Original	2/20/2009	0.00	0.25	0.35
USEPA Programs	18	9999	PB-RRB1-01	1,142,602.2	657,523.6	PB-RRB1-01	Original	3/25/2000	0.00	0.25	1.9 UJ
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-01	1,143,628.9	657,326.9	S70180	Original	7/20/2006	0.00	0.50	8.5
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-01	1,143,628.9	657,326.9	S70656	Original	5/23/2007	0.50	1.00	4.3
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-01	1,143,628.9	657,326.9	S70657	Original	5/25/2007	1.00	2.00	6.2
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-01	1,143,628.9	657,326.9	S70658	Original	5/23/2007	2.00	3.00	0.39 J
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-02	1,143,254.0	657,338.8	S70181	Original	7/20/2006	0.00	0.50	0.89
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-03	1,143,197.8	657,358.9	S70182	Original	7/20/2006	0.00	0.50	2.8
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-90	1,143,142.3	657,388.8	PB-010-08	Original	3/21/2000	0.00	0.25	8.9 J
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-90	1,143,142.3	657,388.8	S70661	Original	5/23/2007	0.50	1.00	1.9
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-90	1,143,142.3	657,388.8	S70662	Original	5/23/2007	1.00	2.00	1.8 J
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-92	1,143,564.0	657,356.6	PB-010-07	Original	3/21/2000	0.00	0.25	7.7 J
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-92	1,143,564.0	657,356.6	S70666	Original	5/23/2007	0.50	1.00	9.5
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-92	1,143,564.0	657,356.6	S70667	Original	5/23/2007	1.00	2.00	5.3
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-92	1,143,564.0	657,356.6	S70668	Original	5/23/2007	2.00	3.00	31

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-92	1,143,564.0	657,356.6	S70669	Original	5/23/2007	3.00	4.00	0.23 J
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-8560-18	1,143,442.6	657,315.4	S70198	Original	7/20/2006	0.00	0.50	2.3
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-13	1,143,753.0	657,116.9	S70193	Original	7/20/2006	0.00	0.50	4.8
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-14	1,143,514.1	657,195.0	S70194	Original	7/20/2006	0.00	0.50	3.9
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-15	1,143,300.9	657,209.9	S70195	Original	7/20/2006	0.00	0.50	1500
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-15	1,143,300.9	657,209.9	S70676	Original	5/23/2007	0.50	1.00	0.56
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-15	1,143,300.9	657,209.9	S70677	Original	5/23/2007	1.00	2.00	0.24 J
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-16	1,143,111.7	657,234.6	S70196	Original	7/20/2006	0.00	0.50	140
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-16	1,143,111.7	657,234.6	S70681	Original	5/23/2007	0.50	1.00	200
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-16	1,143,111.7	657,234.6	S70682	Original	5/23/2007	1.00	2.00	89
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-16	1,143,111.7	657,234.6	S70683	Original	5/23/2007	2.00	3.00	14
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-16	1,143,111.7	657,234.6	S70684	Original	5/23/2007	3.00	3.33	44
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-17	1,143,680.0	657,253.0	S70197	Original	7/20/2006	0.00	0.50	5.8
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-91	1,143,514.6	657,167.6	PB-010-06	Original	3/21/2000	0.00	0.25	8.2 J
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-91	1,143,514.6	657,167.6	S70686	Original	5/23/2007	0.50	1.00	27
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-91	1,143,514.6	657,167.6	S70687	Original	5/23/2007	1.00	2.00	0.98
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-91	1,143,514.6	657,167.6	S70688	Original	5/23/2007	2.00	3.00	0.047 U
USEPA Programs	19 North	4559	PB-010-60	1,143,066.6	657,297.1	PB-010-60A	Original	3/21/2000	0.00	4.00	0.26 J
USEPA Programs	19 North	4559	PB-010-60	1,143,066.6	657,297.1	PB-010-60B	Original	3/21/2000	4.00	8.00	0.019 UJ
USEPA Programs	19 North	4559	PB-010-60	1,143,066.6	657,297.1	PB-010-60E	Original	3/21/2000	16.00	20.00	2.0 UJ
USEPA Programs	19 North	4559	PB-RRB2-01	1,143,257.1	657,416.9	PB-RRB2-01	Original	3/25/2000	0.00	0.25	15 J
Nonresidential OU-1/OU-2 FSP	19 South	5156	CA-19-5156-04	1,142,139.8	657,439.9	S70183	Original	7/18/2006	0.00	0.50	0.12 J
Nonresidential OU-1/OU-2 FSP	19 South	5156	CA-19-5156-05	1,142,325.1	657,443.9	S70184	Original	7/18/2006	0.00	0.50	0.036 U
Nonresidential OU-1/OU-2 FSP	19 South	5347	CA-19-5347-06	1,142,023.2	657,465.6	S70185	Original	7/18/2006	0.00	0.50	0.32
Nonresidential OU-1/OU-2 FSP	19 South	5347	CA-19-5347-06	1,142,023.2	657,465.6	S70186	Field Duplicate	7/18/2006	0.00	0.50	0.19
Nonresidential OU-1/OU-2 FSP	19 South	5347	CA-19-5347-07	1,141,910.4	657,468.2	S70187	Original	7/18/2006	0.00	0.50	28
Nonresidential OU-1/OU-2 FSP	19 South	5347	CA-19-5347-07	1,141,910.4	657,468.2	S70671	Original	5/29/2007	0.50	1.00	89
Nonresidential OU-1/OU-2 FSP	19 South	5347	CA-19-5347-07	1,141,910.4	657,468.2	S70672	Original	5/29/2007	1.00	2.00	78
Nonresidential OU-1/OU-2 FSP	19 South	5347	CA-19-5347-07	1,141,910.4	657,468.2	S70673	Original	5/29/2007	2.00	3.00	22
Nonresidential OU-1/OU-2 FSP	19 South	5347	CA-19-5347-07	1,141,910.4	657,468.2	S70674	Original	5/29/2007	3.00	4.00	3.9
Nonresidential OU-1/OU-2 FSP	19 South	5347	CA-19-5347-08	1,141,397.9	657,497.0	S70188	Original	7/20/2006	0.00	0.50	0.038 U
Nonresidential OU-1/OU-2 FSP	19 South	5347	CA-19-5347-09	1,141,708.3	657,493.6	S70189	Original	7/20/2006	0.00	0.50	0.28
Nonresidential OU-1/OU-2 FSP	19 South	5347	CA-19-5347-10	1,141,515.9	657,518.1	S70190	Original	7/20/2006	0.00	0.50	0.26 J
Nonresidential OU-1/OU-2 FSP	19 South	8558	CA-19-8558-11	1,141,204.0	657,348.9	S70191	Original	7/20/2006	0.00	0.50	0.054
Nonresidential OU-1/OU-2 FSP	19 South	8558	CA-19-8558-12	1,141,017.0	657,416.0	S70192	Original	7/20/2006	0.00	0.50	0.036 U
USEPA Programs	19 South	5347	PB-021-02	1,141,768.0	657,385.0	PB-021-02	Original	3/22/2000	0.00	0.25	0.17 J
USEPA Programs	19 South	5347	PB-021-04	1,141,382.8	657,525.1	PB-021-04	Original	3/22/2000	0.00	0.25	0.019 UJ
USEPA Programs	19 South	5347	PB-RRB2-04	1,141,722.2	657,550.4	PB-RRB2-04	Original	3/25/2000	0.00	0.25	53 J
USEPA Programs	19 South	8558	PB-021B-01	1,140,940.1	657,523.2	PB-021B-01	Original	3/23/2000	0.00	0.25	0.19 J

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	20	4643	CA-20-4643-01	1,143,412.3	656,935.7	S70424	Original	9/28/2006	0.00	0.50	0.051
Nonresidential OU-1/OU-2 FSP	20	4643	CA-20-4643-01	1,143,412.3	656,935.7	S70425	Field Duplicate	9/28/2006	0.00	0.50	0.044
Nonresidential OU-1/OU-2 FSP	20	4643	CA-20-4643-02	1,143,539.8	656,935.9	S70426	Original	9/28/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	20	4643	CA-20-4643-03	1,143,278.1	657,028.1	S70427	Original	9/28/2006	0.00	0.50	0.36 J
Nonresidential OU-1/OU-2 FSP	20	4890	CA-20-4890-07	1,143,129.7	657,035.3	S70431	Original	9/28/2006	0.00	0.50	0.30 J
Nonresidential OU-1/OU-2 FSP	20	4890	CA-20-4890-08	1,143,078.8	657,057.6	S70432	Original	9/28/2006	0.00	0.50	0.036 U
Nonresidential OU-1/OU-2 FSP	20	5368	CA-20-5368-09	1,141,990.0	657,266.0	S70433	Original	9/27/2006	0.00	0.50	0.19
Nonresidential OU-1/OU-2 FSP	20	5368	CA-20-5368-10	1,141,955.4	657,152.7	S70434	Original	9/27/2006	0.00	0.50	6.3 J
Nonresidential OU-1/OU-2 FSP	20	5368	CA-20-5368-10	1,141,955.4	657,152.7	S70691	Original	5/23/2007	0.50	1.00	3.6
Nonresidential OU-1/OU-2 FSP	20	5368	CA-20-5368-10	1,141,955.4	657,152.7	S70692	Original	5/25/2007	1.00	2.00	13 J
Nonresidential OU-1/OU-2 FSP	20	5368	CA-20-5368-10	1,141,955.4	657,152.7	S70693	Original	5/23/2007	2.00	3.00	0.55 J
Nonresidential OU-1/OU-2 FSP	20	5368	CA-20-5368-10	1,141,955.4	657,152.7	S70694	Original	5/23/2007	3.00	4.00	0.15 J
Nonresidential OU-1/OU-2 FSP	21	5566	CA-21-5566-01	1,141,092.1	658,327.9	S70347	Original	7/25/2006	0.00	0.50	0.038 U
Nonresidential OU-1/OU-2 FSP	21	5566	CA-21-5566-02	1,141,020.6	658,530.0	S70348	Original	7/26/2006	0.00	0.50	0.038 U
Nonresidential OU-1/OU-2 FSP	21	5566	CA-21-5566-03	1,141,162.5	658,526.1	S70349	Original	7/25/2006	0.00	0.50	0.038 U
Nonresidential OU-1/OU-2 FSP	21	5571	CA-21-5571-04	1,140,864.4	657,731.7	S70350	Original	7/25/2006	0.00	0.50	0.20
Nonresidential OU-1/OU-2 FSP	21	5571	CA-21-5571-05	1,140,970.9	657,734.5	S70351	Original	7/25/2006	0.00	0.50	0.053 J
Nonresidential OU-1/OU-2 FSP	21	5571	CA-21-5571-07	1,140,778.7	657,723.6	S70353	Original	7/25/2006	0.00	0.50	0.13
Nonresidential OU-1/OU-2 FSP	21	5571	CA-21-5571-08	1,140,549.5	658,043.9	S70354	Original	7/25/2006	0.00	0.50	0.040 U
Nonresidential OU-1/OU-2 FSP	21	5571	CA-21-5571-09	1,140,914.2	658,086.6	S70355	Original	7/25/2006	0.00	0.50	0.040 U
Nonresidential OU-1/OU-2 FSP	21	5571	CA-21-5571-10	1,140,687.0	658,067.4	S70356	Original	7/25/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	21	5571	CA-21-5657-13	1,140,690.4	658,128.8	S70359	Original	7/26/2006	0.00	0.50	0.15
Nonresidential OU-1/OU-2 FSP	21	5603	CA-21-5603-11	1,140,916.2	658,217.7	S70357	Original	7/26/2006	0.00	0.50	0.088
Nonresidential OU-1/OU-2 FSP	21	5603	CA-21-5603-12	1,140,862.0	658,302.1	S70358	Original	7/26/2006	0.00	0.50	0.036 U
Nonresidential OU-1/OU-2 FSP	21	5650	CA-21-5571-06	1,140,612.0	657,707.9	S70352	Original	7/25/2006	0.00	0.50	0.23 J
Nonresidential OU-1/OU-2 FSP	21	5657	CA-21-5657-14	1,140,478.5	658,284.1	S70360	Original	7/26/2006	0.00	0.50	2.7 J
Nonresidential OU-1/OU-2 FSP	21	5730	CA-21-5730-15	1,140,124.2	657,982.5	S70361	Original	7/26/2006	0.00	0.50	0.042
Nonresidential OU-1/OU-2 FSP	21	5734	CA-21-5734-16	1,140,143.2	658,082.7	S70362	Original	7/26/2006	0.00	0.50	0.039 U
Nonresidential OU-1/OU-2 FSP	21	5734	CA-21-5734-16	1,140,143.2	658,082.7	S70363	Field Duplicate	7/26/2006	0.00	0.50	0.039 U
Nonresidential OU-1/OU-2 FSP	21	5755	CA-21-5755-17	1,140,019.6	658,244.8	S70364	Original	7/26/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	21	5761	CA-21-5761-18	1,139,983.4	658,070.7	S70365	Original	7/26/2006	0.00	0.50	0.039 U
Nonresidential OU-1/OU-2 FSP	21	5761	CA-21-5761-19	1,139,806.5	658,231.3	S70366	Original	7/26/2006	0.00	0.50	0.039 U
Nonresidential OU-1/OU-2 FSP	21	8541	CA-21-8541-20	1,141,122.1	658,112.1	S70367	Original	7/25/2006	0.00	0.50	0.044 U
Nonresidential OU-1/OU-2 FSP	22	5619	CA-22-5619-01	1,140,654.9	657,281.1	S70377	Original	9/27/2006	0.00	0.50	0.054 U
Nonresidential OU-1/OU-2 FSP	22	5621	CA-22-5621-02	1,140,508.2	657,363.1	S70378	Original	9/27/2006	0.00	0.50	0.17
Nonresidential OU-1/OU-2 FSP	22	5621	CA-22-5621-03	1,140,875.8	657,454.9	S70379	Original	9/27/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	22	5621	CA-22-5621-04	1,140,637.8	657,456.0	S70380	Original	9/27/2006	0.00	0.50	0.048
Nonresidential OU-1/OU-2 FSP	22	5621	CA-22-5621-05	1,140,737.4	657,527.4	S70381	Original	9/27/2006	0.00	0.50	10
Nonresidential OU-1/OU-2 FSP	22	5621	CA-22-5621-05	1,140,737.4	657,527.4	S70696	Original	5/24/2007	0.50	1.00	0.094 J

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	22	5697	CA-22-5697-06	1,140,059.2	657,161.5	S70382	Original	7/27/2006	0.00	0.50	0.040 U
Nonresidential OU-1/OU-2 FSP	22	5697	CA-22-5697-07	1,140,234.3	657,291.1	S70383	Original	9/27/2006	0.00	0.50	0.034 U
Nonresidential OU-1/OU-2 FSP	22	5702	CA-22-5702-08	1,140,422.2	657,307.0	S70405	Original	9/27/2006	0.00	0.50	0.058
Nonresidential OU-1/OU-2 FSP	22	5702	CA-22-5702-09	1,139,977.5	657,411.7	S70384	Original	7/27/2006	0.00	0.50	0.21
Nonresidential OU-1/OU-2 FSP	22	5702	CA-22-5702-09	1,139,977.5	657,411.7	S70385	Field Duplicate	7/27/2006	0.00	0.50	0.26
Nonresidential OU-1/OU-2 FSP	22	5764	CA-22-5764-10	1,139,739.1	657,107.0	S70386	Original	7/27/2006	0.00	0.50	0.42
Nonresidential OU-1/OU-2 FSP	22	5764	CA-22-5764-10	1,139,739.1	657,107.0	S70387	Field Duplicate	7/27/2006	0.00	0.50	0.36
Nonresidential OU-1/OU-2 FSP	22	5837	CA-22-5764-11	1,139,511.3	657,274.4	S70388	Original	7/27/2006	0.00	0.50	0.26
Nonresidential OU-1/OU-2 FSP	22	5837	CA-22-5837-12	1,139,454.5	657,158.9	S70389	Original	7/27/2006	0.00	0.50	0.039 U
Nonresidential OU-1/OU-2 FSP	22	5839	CA-22-5837-13	1,139,235.9	657,324.7	S70390	Original	7/27/2006	0.00	0.50	0.037
Nonresidential OU-1/OU-2 FSP	22	5932	CA-22-5932-14	1,138,589.7	656,883.7	S70391	Original	7/27/2006	0.00	0.50	30
Nonresidential OU-1/OU-2 FSP	22	5932	CA-22-5932-14	1,138,589.7	656,883.7	S70701	Original	5/24/2007	0.50	1.00	0.10
Nonresidential OU-1/OU-2 FSP	22	5932	CA-22-5932-15	1,138,558.5	657,096.7	S70392	Original	7/27/2006	0.00	0.50	0.42
Nonresidential OU-1/OU-2 FSP	22	5932	CA-22-5932-16	1,138,743.7	657,271.6	S70393	Original	7/27/2006	0.00	0.50	0.12
Nonresidential OU-1/OU-2 FSP	22	5981	CA-22-5981-17	1,138,191.9	656,778.4	S70394	Original	7/27/2006	0.00	0.50	0.041 U
Nonresidential OU-1/OU-2 FSP	22	5981	CA-22-5981-18	1,138,047.7	656,805.0	S70395	Original	7/27/2006	0.00	0.50	0.036 U
USEPA Programs	22	5621	PB-021-60	1,140,587.4	657,386.5	PB-021-60	Original	3/24/2000	0.00	4.00	0.034 UJ
USEPA Programs	22	5621	PB-021B-03	1,140,451.3	657,465.5	PB-021B-03	Original	3/23/2000	0.00	0.25	0.40 J
USEPA Programs	22	5837	PB-002-04	1,139,157.2	657,152.1	PB-002-04	Original	3/23/2000	0.00	0.25	0.20 UJ
USEPA Programs	22	5837	PB-002-05	1,139,202.3	656,960.3	PB-002-05	Original	3/23/2000	0.00	0.25	0.065 J
USEPA Programs	22	5839	PB-002-01	1,139,491.2	657,364.9	PB-002-01	Original	3/23/2000	0.00	0.25	0.023 UJ
USEPA Programs	22	5887	PB-003-03	1,139,133.3	656,946.6	PB-003-03	Original	3/23/2000	0.00	0.25	0.18 J
USEPA Programs	22	5887	PB-003-06	1,138,882.0	657,320.7	PB-003-06	Original	3/23/2000	0.00	0.25	0.36 J
USEPA Programs	22	5887	PB-003-60	1,139,030.4	657,293.1	PB-003-60A	Original	3/29/2000	0.00	4.00	0.20 UJ
USEPA Programs	22	5918	PB-003-01	1,138,829.9	656,881.4	PB-003-01	Original	3/23/2000	0.00	0.25	2.2 UJ
Nonresidential OU-1/OU-2 FSP	23	5801	CA-23-5801-01	1,138,971.0	657,813.9	S70199	Original	7/19/2006	0.00	0.50	0.096
Nonresidential OU-1/OU-2 FSP	23	5801	CA-23-5801-02	1,139,082.9	657,581.0	S70200	Original	7/19/2006	0.00	0.50	0.27
Nonresidential OU-1/OU-2 FSP	23	5801	CA-23-5801-03	1,139,178.9	657,861.0	S70201	Original	7/19/2006	0.00	0.50	1.2
Nonresidential OU-1/OU-2 FSP	23	5801	CA-23-5801-04	1,139,186.0	657,761.5	S70202	Original	7/19/2006	0.00	0.50	0.13
Nonresidential OU-1/OU-2 FSP	23	5801	CA-23-5801-05	1,139,390.9	657,897.2	S70203	Original	7/19/2006	0.00	0.50	0.035 U
Nonresidential OU-1/OU-2 FSP	23	5801	CA-23-5801-06	1,139,497.8	657,618.7	S70204	Original	7/19/2006	0.00	0.50	0.035 U
Nonresidential OU-1/OU-2 FSP	23	5801	CA-23-5801-07	1,139,597.1	657,938.0	S70205	Original	7/19/2006	0.00	0.50	0.035 U
Nonresidential OU-1/OU-2 FSP	23	5801	CA-23-5801-08	1,139,709.0	657,706.1	S70206	Original	7/19/2006	0.00	0.50	0.089
Nonresidential OU-1/OU-2 FSP	23	5809	CA-23-5801-09	1,139,758.3	658,030.8	S70207	Original	7/19/2006	0.00	0.50	0.038 U
Nonresidential OU-1/OU-2 FSP	23	5809	CA-23-5809-10	1,138,971.0	657,987.0	S70208	Original	7/19/2006	0.00	0.50	0.041 U
Nonresidential OU-1/OU-2 FSP	23	5809	CA-23-5809-11	1,139,151.9	658,007.4	S70209	Original	7/19/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	23	5811	CA-23-5811-12	1,139,636.7	658,263.2	S70210	Original	7/19/2006	0.00	0.50	0.039
Nonresidential OU-1/OU-2 FSP	23	5910	CA-23-5910-13	1,138,866.1	657,550.0	S70211	Original	7/27/2006	0.00	0.50	0.21 J
Nonresidential OU-1/OU-2 FSP	23	5912	CA-23-5912-14	1,138,762.0	657,876.0	S70212	Original	7/27/2006	0.00	0.50	0.51

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	23	5912	CA-23-5912-15	1,138,768.9	657,827.1	S70213	Original	7/27/2006	0.00	0.50	0.15
Nonresidential OU-1/OU-2 FSP	23	5912	CA-23-5912-16	1,138,837.0	657,730.1	S70214	Original	7/27/2006	0.00	0.50	1.2 J
Nonresidential OU-1/OU-2 FSP	23	5912	CA-23-5912-16	1,138,837.0	657,730.1	S70215	Field Duplicate	7/27/2006	0.00	0.50	0.75 J
Nonresidential OU-1/OU-2 FSP	23	5939	CA-23-5939-17	1,138,457.1	657,642.9	S70216	Original	7/19/2006	0.00	0.50	0.034 U
Nonresidential OU-1/OU-2 FSP	23	5939	CA-23-5939-18	1,138,553.9	657,737.0	S70217	Original	7/19/2006	0.00	0.50	0.035 U
Nonresidential OU-1/OU-2 FSP	23	5939	CA-23-5939-19	1,138,560.8	657,904.7	S70218	Original	7/19/2006	0.00	0.50	0.035 U
Nonresidential OU-1/OU-2 FSP	23	5939	CA-23-5939-20	1,138,658.0	657,690.0	S70219	Original	7/19/2006	0.00	0.50	0.19
Nonresidential OU-1/OU-2 FSP	24	5994	CA-24-5994-01	1,138,212.0	657,566.1	S70435	Original	9/27/2006	0.00	0.50	7.8 J
Nonresidential OU-1/OU-2 FSP	24	5994	CA-24-5994-01	1,138,212.0	657,566.1	S70706	Original	5/25/2007	0.50	1.00	0.035 U
Nonresidential OU-1/OU-2 FSP	24	5994	CA-24-5994-02	1,138,278.0	658,168.0	S70436	Original	9/27/2006	0.00	0.50	0.13
Nonresidential OU-1/OU-2 FSP	24	6004	CA-24-6004-03	1,137,805.9	657,445.3	S70437	Original	9/28/2006	0.00	0.50	12
Nonresidential OU-1/OU-2 FSP	24	6004	CA-24-6004-03	1,137,805.9	657,445.3	S70438	Field Duplicate	9/28/2006	0.00	0.50	9.6
Nonresidential OU-1/OU-2 FSP	24	6004	CA-24-6004-04	1,137,924.1	657,452.8	S70439	Original	9/28/2006	0.00	0.50	13
Nonresidential OU-1/OU-2 FSP	24	6004	CA-24-6004-04	1,137,924.1	657,452.8	S70716	Original	5/31/2007	0.50	1.00	2.4 J
Nonresidential OU-1/OU-2 FSP	24	6004	CA-24-6004-04	1,137,924.1	657,452.8	S70787	Field Duplicate	5/31/2007	0.50	1.00	1.9
Nonresidential OU-1/OU-2 FSP	24	6004	CA-24-6004-04	1,137,924.1	657,452.8	S70717	Original	5/31/2007	1.00	2.00	0.97 J
Nonresidential OU-1/OU-2 FSP	24	6004	CA-24-6004-04	1,137,924.1	657,452.8	S70788	Field Duplicate	5/31/2007	1.00	2.00	1.7
Nonresidential OU-1/OU-2 FSP	24	6004	CA-24-6004-04	1,137,924.1	657,452.8	S70718	Original	5/31/2007	2.00	3.00	0.22 J
Nonresidential OU-1/OU-2 FSP	24	6004	CA-24-6004-04	1,137,924.1	657,452.8	S70789	Field Duplicate	5/31/2007	2.00	3.00	0.15 J
Nonresidential OU-1/OU-2 FSP	24	6004	CA-24-6004-05	1,138,107.0	657,486.9	S70440	Original	9/28/2006	0.00	0.50	4.8
Nonresidential OU-1/OU-2 FSP	24	6004	CA-24-6004-07	1,138,003.1	657,543.9	S70442	Original	9/28/2006	0.00	0.50	2.9
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-09	1,137,278.6	657,382.6	S70444	Original	9/28/2006	0.00	0.50	5.5
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-10	1,137,491.4	657,407.4	S70445	Original	9/28/2006	0.00	0.50	0.61 J
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-10	1,137,491.4	657,407.4	S70446	Field Duplicate	9/28/2006	0.00	0.50	0.74
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-11	1,137,635.3	657,418.0	S70447	Original	9/28/2006	0.00	0.50	5.4
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-13	1,137,402.9	657,442.7	S70449	Original	9/28/2006	0.00	0.50	2.7
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-14	1,137,706.3	657,477.9	S70450	Original	9/28/2006	0.00	0.50	38
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-14	1,137,706.3	657,477.9	S70721	Original	5/31/2007	0.50	1.00	23
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-14	1,137,706.3	657,477.9	S70722	Original	5/31/2007	1.00	2.00	19
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-14	1,137,706.3	657,477.9	S70723	Original	5/31/2007	2.00	3.00	1.5 J
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-14	1,137,706.3	657,477.9	S70724	Original	5/31/2007	3.00	4.00	0.037 U
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-15	1,137,272.5	657,489.6	S70451	Original	9/28/2006	0.00	0.50	16
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-15	1,137,272.5	657,489.6	S70726	Original	5/31/2007	0.50	1.00	61
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-15	1,137,272.5	657,489.6	S70727	Original	5/31/2007	1.00	2.00	0.11
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-16	1,137,585.0	657,532.1	S70452	Original	9/28/2006	0.00	0.50	4.6
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-17	1,137,423.6	657,572.9	S70453	Original	9/28/2006	0.00	0.50	4.7
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-18	1,137,677.5	657,639.4	S70454	Original	9/28/2006	0.00	0.50	3.2
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-90	1,137,318.7	657,564.2	PB-004-02	Original	3/23/2000	0.00	0.25	28 J
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-90	1,137,318.7	657,564.2	S70731	Original	5/31/2007	0.50	1.00	15

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-90	1,137,318.7	657,564.2	S70732	Original	5/31/2007	1.00	2.00	5.2
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-90	1,137,318.7	657,564.2	S70733	Original	5/31/2007	2.00	3.00	17
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-90	1,137,318.7	657,564.2	S70734	Original	5/31/2007	3.00	4.00	0.13
Nonresidential OU-1/OU-2 FSP	24	6104	CA-24-6104-19	1,137,575.4	657,821.5	S70455	Original	9/27/2006	0.00	0.50	0.38
Nonresidential OU-1/OU-2 FSP	24	6104	CA-24-6104-20	1,137,519.1	657,849.0	S70456	Original	9/27/2006	0.00	0.50	0.036 U
Nonresidential OU-1/OU-2 FSP	24	6104	CA-24-6104-21	1,137,624.1	657,928.0	S70457	Original	9/27/2006	0.00	0.50	0.038 U
Nonresidential OU-1/OU-2 FSP	24	6137	CA-24-6137-22	1,137,315.1	657,936.1	S70458	Original	9/27/2006	0.00	0.50	0.23 J
Nonresidential OU-1/OU-2 FSP	24	6164	CA-24-6164-23	1,137,165.9	657,547.0	S70459	Original	9/26/2006	0.00	0.50	0.25
Nonresidential OU-1/OU-2 FSP	24	6164	CA-24-6164-24	1,137,096.3	657,556.9	S70460	Original	9/26/2006	0.00	0.50	2.6
Nonresidential OU-1/OU-2 FSP	24	6196	CA-24-6196-25	1,136,972.3	657,348.2	S70461	Original	9/28/2006	0.00	0.50	0.97
Nonresidential OU-1/OU-2 FSP	24	6196	CA-24-6196-26	1,136,889.5	657,391.7	S70462	Original	9/28/2006	0.00	0.50	2.2
Nonresidential OU-1/OU-2 FSP	24	6246	CA-24-6246-27	1,136,712.8	657,336.8	S70463	Original	9/26/2006	0.00	0.50	0.25 J
Nonresidential OU-1/OU-2 FSP	24	6267	CA-24-6267-28	1,136,560.9	657,543.1	S70464	Original	9/27/2006	0.00	0.50	0.039 U
Nonresidential OU-1/OU-2 FSP	24	6267	CA-24-6267-29	1,136,642.8	657,565.4	S70465	Original	9/27/2006	0.00	0.50	0.039 U
Nonresidential OU-1/OU-2 FSP	24	6282	CA-24-6282-30	1,136,517.8	657,320.0	S70466	Original	9/28/2006	0.00	0.50	25
Nonresidential OU-1/OU-2 FSP	24	6282	CA-24-6282-30	1,136,517.8	657,320.0	S70736	Original	5/25/2007	0.50	1.00	1.2
Nonresidential OU-1/OU-2 FSP	24	6282	CA-24-6282-30	1,136,517.8	657,320.0	S70737	Original	5/25/2007	1.00	2.00	1.2
Nonresidential OU-1/OU-2 FSP	24	6282	CA-24-6282-30	1,136,517.8	657,320.0	S70738	Original	5/25/2007	2.00	3.00	3.4 J
Nonresidential OU-1/OU-2 FSP	24	6282	CA-24-6282-30	1,136,517.8	657,320.0	S70739	Original	5/25/2007	3.00	4.00	3.3 J
Nonresidential OU-1/OU-2 FSP	24	6282	CA-24-6282-31	1,136,418.7	657,358.3	S70467	Original	9/27/2006	0.00	0.50	5.0 J
Nonresidential OU-1/OU-2 FSP	24	6282	CA-24-6282-32	1,136,252.1	657,460.9	S70468	Original	9/27/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	24	6321	CA-24-6321-33	1,136,090.8	657,312.7	S70469	Original	9/27/2006	0.00	0.50	0.036 U
Nonresidential OU-1/OU-2 FSP	24	6321	CA-24-6321-34	1,136,069.8	657,442.0	S70470	Original	9/27/2006	0.00	0.50	0.042 U
Nonresidential OU-1/OU-2 FSP	24	6350	CA-24-6350-35	1,135,958.5	657,420.5	S70471	Original	9/28/2006	0.00	0.50	22
Nonresidential OU-1/OU-2 FSP	24	6350	CA-24-6350-35	1,135,958.5	657,420.5	S70741	Original	5/25/2007	0.50	1.00	3.7
Nonresidential OU-1/OU-2 FSP	24	6350	CA-24-6350-35	1,135,958.5	657,420.5	S70742	Original	5/25/2007	1.00	2.00	4.7
Nonresidential OU-1/OU-2 FSP	24	6350	CA-24-6388-36	1,135,838.3	657,498.5	S70472	Original	9/28/2006	0.00	0.50	3.0
Nonresidential OU-1/OU-2 FSP	24	6388	CA-24-6388-37	1,135,761.0	657,645.6	S70473	Original	9/27/2006	0.00	0.50	0.039 U
USEPA Programs	24	6004	PB-004-04	1,137,735.0	657,667.8	PB-004-04	Original	3/23/2000	0.00	0.25	0.14 J
USEPA Programs	24	6098	PB-004-60	1,137,614.4	657,680.9	PB-004-60A	Original	3/29/2000	0.00	4.00	0.63 J
USEPA Programs	24	6098	PB-004-60	1,137,614.4	657,680.9	PB-004-60	Original	3/29/2000	12.00	16.00	0.19 UJ
Nonresidential OU-1/OU-2 FSP	25	6127	CA-25-6127-01	1,137,358.3	657,193.1	S70475	Original	9/26/2006	0.00	0.50	0.062
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-02	1,137,309.2	657,167.4	S70474	Original	9/26/2006	0.00	0.50	0.28 J
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-03	1,136,307.2	656,587.1	S70476	Original	9/26/2006	0.00	0.50	0.040 U
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-04	1,136,629.2	656,630.5	S70477	Original	9/26/2006	0.00	0.50	0.056
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-05	1,136,351.3	656,706.6	S70478	Original	9/26/2006	0.00	0.50	0.028 U
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-06	1,136,798.1	656,821.0	S70479	Original	9/26/2006	0.00	0.50	0.17
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-07	1,136,056.1	656,879.6	S70480	Original	9/26/2006	0.00	0.50	0.31
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-08	1,135,883.4	656,978.3	S70481	Original	9/26/2006	0.00	0.50	0.040 U

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-09	1,136,217.2	657,023.5	S70482	Original	9/26/2006	0.00	0.50	0.043
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-10	1,136,395.8	657,089.6	S70483	Original	9/26/2006	0.00	0.50	0.12 J
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-11	1,137,019.9	657,126.5	S70484	Original	9/26/2006	0.00	0.50	0.043 J
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-12	1,136,608.2	657,169.0	S70485	Original	9/26/2006	0.00	0.50	0.38
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-12	1,136,608.2	657,169.0	S70486	Field Duplicate	9/26/2006	0.00	0.50	0.41
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-13	1,136,090.8	657,173.3	S70487	Original	9/26/2006	0.00	0.50	0.22
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-14	1,136,770.0	657,198.1	S70488	Original	9/26/2006	0.00	0.50	0.092
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-15	1,135,960.0	657,165.5	S70489	Original	9/26/2006	0.00	0.50	0.038 U
USEPA Programs	25	6156	PB-005-02	1,135,972.1	657,169.4	PB-005-02	Original	3/23/2000	0.00	0.25	0.22 UJ
USEPA Programs	25	6156	PB-005-04	1,136,407.0	657,177.8	PB-005-04	Original	3/23/2000	0.00	0.25	1.4 J
Nonresidential OU-1/OU-2 FSP	26	6440	CA-26-6440-01	1,135,481.8	657,248.7	S70368	Original	7/28/2006	0.00	0.50	2.2
Nonresidential OU-1/OU-2 FSP	26	6440	CA-26-6440-02	1,135,565.1	657,177.4	S70369	Original	7/28/2006	0.00	0.50	24 J
Nonresidential OU-1/OU-2 FSP	26	6440	CA-26-6440-02	1,135,565.1	657,177.4	S70751	Original	5/24/2007	0.50	1.00	24
Nonresidential OU-1/OU-2 FSP	26	6440	CA-26-6440-02	1,135,565.1	657,177.4	S70752	Original	5/24/2007	1.00	2.00	15
Nonresidential OU-1/OU-2 FSP	26	6440	CA-26-6440-02	1,135,565.1	657,177.4	S70753	Original	5/24/2007	2.00	3.00	0.21
Nonresidential OU-1/OU-2 FSP	26	6440	CA-26-6440-02	1,135,565.1	657,177.4	S70754	Original	5/24/2007	3.00	4.00	0.037 U
Nonresidential OU-1/OU-2 FSP	26	6440	CA-26-6440-03	1,135,484.5	657,147.4	S70370	Original	7/28/2006	0.00	0.50	2.3
Nonresidential OU-1/OU-2 FSP	26	6614	CA-26-6614-04	1,135,045.3	657,211.4	S70371	Original	7/28/2006	0.00	0.50	2.0
Nonresidential OU-1/OU-2 FSP	26	6622	CA-26-6622-05	1,135,028.1	657,312.6	S70372	Original	7/28/2006	0.00	0.50	4.0
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-6629-90	1,134,987.1	657,606.2	PCTull-010	Original	1/1/2000	0.00	0.25	6.7 J
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-6629-90	1,134,987.1	657,606.2	S70756	Original	5/30/2007	0.50	1.00	0.81
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-6629-90	1,134,987.1	657,606.2	S70757	Original	5/30/2007	1.00	2.00	24
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-6629-90	1,134,987.1	657,606.2	S70758	Original	5/30/2007	2.00	3.00	31
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-6629-90	1,134,987.1	657,606.2	S70759	Original	5/30/2007	3.00	4.00	7.7
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-6629-92	1,135,069.2	657,516.3	PCTull-003	Original	1/1/2000	0.00	0.25	47 J
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-6629-92	1,135,069.2	657,516.3	S70761	Original	5/30/2007	0.50	1.00	150
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-6629-92	1,135,069.2	657,516.3	S70762	Original	5/30/2007	1.00	2.00	28
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-6629-92	1,135,069.2	657,516.3	S70763	Original	5/30/2007	2.00	3.00	4.0
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-6629-92	1,135,069.2	657,516.3	S70764	Original	5/30/2007	3.00	4.00	1.6
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-9999-91	1,135,039.7	657,588.4	PCTull-008	Original	1/1/2000	0.00	0.25	9.4 J
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-9999-91	1,135,039.7	657,588.4	S70766	Original	5/30/2007	0.50	1.00	150
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-9999-91	1,135,039.7	657,588.4	S70767	Original	5/30/2007	1.00	2.00	21
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-9999-91	1,135,039.7	657,588.4	S70768	Original	5/30/2007	2.00	3.00	1.8
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-9999-91	1,135,039.7	657,588.4	S70769	Original	5/30/2007	3.00	4.00	0.038 U
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-9999-93	1,134,981.2	657,657.6	PCTull-009	Original	1/1/2000	0.00	0.25	5.9 J
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-9999-93	1,134,981.2	657,657.6	S70771	Original	5/30/2007	0.50	1.00	19
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-9999-93	1,134,981.2	657,657.6	S70772	Original	5/30/2007	1.00	2.00	9.0
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-9999-93	1,134,981.2	657,657.6	S70773	Original	5/30/2007	2.00	2.17	8.5
Nonresidential OU-1/OU-2 FSP	26	6673	CA-26-6673-06	1,134,887.7	657,252.4	S70373	Original	9/28/2006	0.00	0.50	0.43

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	26	6673	CA-26-6673-07	1,134,908.1	657,156.8	S70374	Original	9/27/2006	0.00	0.50	0.13
Nonresidential OU-1/OU-2 FSP	26	6675	CA-26-6675-08	1,134,916.2	657,543.8	S70375	Original	9/27/2006	0.00	0.50	0.55
Nonresidential OU-1/OU-2 FSP	26	6675	CA-26-6675-09	1,134,909.9	657,345.5	S70376	Original	9/27/2006	0.00	0.50	0.21
Residential Sampling	26	6440	PE-077-B	1,135,536.8	657,128.2	PE-077-B	Original	7/25/2000	0.00	0.25	2.4
Residential Sampling	26	6440	PE-077-B	1,135,536.8	657,128.2	PE-077-BS	Original	7/25/2000	0.00	0.25	4.7
USEPA Programs	26	6387	PCTull-007	1,135,140.1	657,547.2	PCTull-007	Original	1/1/2000	0.00	0.25	4.3 J
USEPA Programs	26	6523	FC2-0083-C	1,135,124.4	657,504.2	FC2-0083-C	Original	5/9/2000	0.00	0.25	8.2 J
USEPA Programs	26	6523	FC2-0083-D	1,135,142.5	657,308.4	FC2-0083-D	Original	5/9/2000	0.00	0.25	4.4 J
USEPA Programs	26	6626	PCTull-001	1,135,083.0	657,445.5	PCTull-001	Original	1/1/2000	0.00	0.25	0.27 J
USEPA Programs	26	6626	PCTull-002	1,135,092.2	657,466.1	PCTull-002	Original	1/1/2000	0.00	0.25	2.1 J
USEPA Programs	26	6629	PB-RRB3-05	1,135,100.6	657,642.2	PB-RRB3-05	Original	3/25/2000	0.00	0.25	6.5
USEPA Programs	26	6629	PCTull-004	1,135,054.6	657,549.3	PCTull-004	Original	1/1/2000	0.00	0.25	3.3 J
USEPA Programs	26	6629	PCTull-005	1,134,994.8	657,579.1	PCTull-005	Original	1/1/2000	0.00	0.25	2.0 J
USEPA Programs	26	6629	PCTull-006	1,135,097.7	657,534.5	PCTull-006	Original	1/1/2000	0.00	0.25	3.9
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-01	1,134,591.1	657,804.4	S70220	Original	7/20/2006	0.00	0.50	0.15 J
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-02	1,134,454.3	657,844.2	S70221	Original	7/19/2006	0.00	0.50	0.036 U
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-03	1,134,287.4	657,827.2	S70222	Original	7/20/2006	0.00	0.50	2.0 J
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-03	1,134,287.4	657,827.2	S70223	Field Duplicate	7/20/2006	0.00	0.50	1.6 J
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-04	1,134,514.3	657,822.8	S70224	Original	7/20/2006	0.00	0.50	0.24
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-05	1,134,183.2	657,875.7	S70225	Original	7/20/2006	0.00	0.50	0.043
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-06	1,134,431.1	657,879.5	S70226	Original	7/20/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-07	1,134,174.6	657,924.8	S70227	Original	7/20/2006	0.00	0.50	0.035 U
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-08	1,134,365.3	657,936.5	S70228	Original	7/20/2006	0.00	0.50	0.035 U
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-09	1,134,273.3	658,010.8	S70229	Original	7/19/2006	0.00	0.50	0.040 U
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-10	1,134,160.7	658,147.3	S70230	Original	7/20/2006	0.00	0.50	0.036 U
Nonresidential OU-1/OU-2 FSP	27	6745	CA-27-6745-11	1,133,897.2	658,744.3	S70231	Original	7/20/2006	0.00	0.50	0.040 U
Nonresidential OU-1/OU-2 FSP	27	6746	CA-27-6746-12	1,133,998.9	658,558.4	S70232	Original	7/20/2006	0.00	0.50	0.13
Nonresidential OU-1/OU-2 FSP	27	6746	CA-27-6748-13	1,134,128.6	658,402.2	S70233	Original	7/20/2006	0.00	0.50	0.039 U
Nonresidential OU-1/OU-2 FSP	27	6748	CA-27-6748-14	1,134,387.3	658,145.0	S70234	Original	7/20/2006	0.00	0.50	0.082
Nonresidential OU-1/OU-2 FSP	27	6748	CA-27-6748-15	1,134,322.9	658,230.1	S70235	Original	7/20/2006	0.00	0.50	0.043
Nonresidential OU-1/OU-2 FSP	27	6829	CA-27-6829-16	1,134,026.7	658,309.9	S70236	Original	7/20/2006	0.00	0.50	0.042 U
Nonresidential OU-1/OU-2 FSP	27	6915	CA-27-6915-17	1,133,726.1	658,092.0	S70237	Original	7/20/2006	0.00	0.50	0.038 U
Nonresidential OU-1/OU-2 FSP	27	6915	CA-27-6915-18	1,133,665.9	658,225.0	S70238	Original	7/20/2006	0.00	0.50	0.040 U
Nonresidential OU-1/OU-2 FSP	27	6915	CA-27-6915-19	1,133,703.1	658,278.0	S70239	Original	7/20/2006	0.00	0.50	0.10 J
Nonresidential OU-1/OU-2 FSP	27	6915	CA-27-6915-20	1,133,524.1	658,292.1	S70240	Original	7/20/2006	0.00	0.50	1.3
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-01	1,132,529.5	656,487.3	S70241	Original	7/27/2006	0.00	0.50	0.038 U
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-02	1,131,826.4	656,516.6	S70242	Original	9/28/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-03	1,131,252.9	656,484.4	S70243	Original	7/28/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-04	1,132,176.0	656,551.9	S70244	Original	7/28/2006	0.00	0.50	0.048

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-05	1,132,005.0	656,580.3	S70245	Original	9/28/2006	0.00	0.50	0.10
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-06	1,131,067.0	656,596.1	S70246	Original	7/28/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-07	1,132,386.4	656,616.9	S70247	Original	7/28/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-08	1,131,162.1	656,607.1	S70248	Original	7/28/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-09	1,131,529.4	656,657.0	S70249	Original	7/28/2006	0.00	0.50	0.10
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-10	1,131,899.1	656,769.0	S70250	Original	7/27/2006	0.00	0.50	0.17 J
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-10	1,131,899.1	656,769.0	S70251	Field Duplicate	7/27/2006	0.00	0.50	0.31
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-11	1,130,904.4	656,834.8	S70252	Original	9/28/2006	0.00	0.50	0.040 U
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-12	1,131,392.4	656,954.9	S70253	Original	7/27/2006	0.00	0.50	0.036 U
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-13	1,132,498.9	656,876.9	S70254	Original	7/27/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-14	1,132,316.0	656,932.9	S70255	Original	7/27/2006	0.00	0.50	0.060
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-15	1,131,113.0	657,050.2	S70256	Original	7/28/2006	0.00	0.50	0.83
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-16	1,131,288.9	657,213.1	S70257	Original	7/28/2006	0.00	0.50	0.35
Nonresidential OU-1/OU-2 FSP	29	7536	CA-29-7536-17	1,131,945.0	656,965.7	S70258	Original	7/27/2006	0.00	0.50	0.036 U
Nonresidential OU-1/OU-2 FSP	29	7536	CA-29-7536-18	1,131,400.9	657,072.4	S70259	Original	9/28/2006	0.00	0.50	0.044
Nonresidential OU-1/OU-2 FSP	29	7536	CA-29-7536-19	1,131,847.8	657,094.0	S70260	Original	7/27/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	29	7536	CA-29-7536-20	1,131,876.1	657,223.0	S70261	Original	7/27/2006	0.00	0.50	0.067
Nonresidential OU-1/OU-2 FSP	29	7536	CA-29-7536-21	1,131,691.1	657,288.0	S70262	Original	7/27/2006	0.00	0.50	0.088
Nonresidential OU-1/OU-2 FSP	30	7494	CA-30-7494-01	1,132,038.0	660,624.1	S70490	Original	9/27/2006	0.00	0.50	0.037 U
Nonresidential OU-1/OU-2 FSP	30	7494	CA-30-7494-02	1,132,010.3	660,642.6	S70491	Original	9/27/2006	0.00	0.50	0.051 U
Nonresidential OU-1/OU-2 FSP	30	7494	CA-30-7494-03	1,132,109.0	660,699.0	S70492	Original	9/27/2006	0.00	0.50	0.036 U
Nonresidential OU-1/OU-2 FSP	30	7494	CA-30-7494-04	1,132,014.0	660,715.0	S70493	Original	9/27/2006	0.00	0.50	0.038 U
Nonresidential OU-1/OU-2 FSP	30	7494	CA-30-7494-05	1,132,085.1	660,733.1	S70494	Original	9/27/2006	0.00	0.50	0.034 U
Nonresidential OU-1/OU-2 FSP	30	7494	CA-30-7494-06	1,132,132.2	660,761.1	S70495	Original	9/27/2006	0.00	0.50	0.040 U
Nonresidential OU-1/OU-2 FSP	30	7824	CA-30-7824-07	1,131,065.0	659,227.0	S70496	Original	9/27/2006	0.00	0.50	0.036 U
Nonresidential OU-1/OU-2 FSP	30	7824	CA-30-7824-08	1,131,189.8	659,235.5	S70497	Original	9/27/2006	0.00	0.50	0.035 U
Nonresidential OU-1/OU-2 FSP	30	7824	CA-30-7824-09	1,131,159.9	659,254.0	S70498	Original	9/27/2006	0.00	0.50	0.039
Nonresidential OU-1/OU-2 FSP	30	7824	CA-30-7824-10	1,131,124.9	659,271.9	S70499	Original	9/27/2006	0.00	0.50	0.035 U
Eastside Properties	ES	2214	GASCOSL07	1,148,214.1	651,267.4	GASCOSL07	Original	12/18/1996	0.00	0.25	57
Eastside Properties	ES	2214	GASCOSL07	1,148,214.1	651,267.4	GASCOSL07	Field Duplicate	12/18/1996	0.00	0.25	53
Eastside Properties	ES	2286	WEL042	1,148,108.7	651,089.0	WEL042	Original	11/8/1995	0.00	0.25	82
Eastside Properties	ES	2301	BNSL71	1,147,924.6	650,808.4	BNSL71	Original	4/3/1996	0.00	0.25	1.5
Eastside Properties	ES	2301	BNSL72	1,147,945.7	650,807.1	BNSL72	Original	4/3/1996	0.00	0.25	1.2
Eastside Properties	ES	2301	BNSL73	1,148,065.8	650,883.5	BNSL73	Original	4/3/1996	0.00	0.25	1.2 U
Eastside Properties	ES	2301	BNSL74	1,148,032.1	650,795.9	BNSL74	Original	4/3/1996	0.00	0.25	6.1
Eastside Properties	ES	2301	BNSL75	1,148,016.3	650,802.5	BNSL75	Original	4/3/1996	0.00	0.25	9.9
Eastside Properties	ES	2325	BNSL47A	1,148,013.7	650,781.3	BNSL47A	Original	9/14/1995	0.00	0.25	2.8
Eastside Properties	ES	2325	BNSL47B	1,148,013.7	650,771.4	BNSL47B	Original	9/14/1995	0.00	0.25	3.9
Eastside Properties	ES	2325	WEL043	1,148,033.0	650,785.3	WEL043	Original	11/8/1995	0.00	0.25	1.3 U

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Eastside Properties	ES	2325	WEL044	1,147,946.9	650,756.0	WEL044	Original	11/8/1995	0.00	0.25	1.2 U
Eastside Properties	ES	2339	WEL045	1,147,933.7	650,643.1	WEL045	Original	11/8/1995	0.00	0.25	1.4
Eastside Properties	ES	2339	WEL046	1,147,956.3	650,709.4	WEL046	Original	11/8/1995	0.00	0.25	1.3 U
Eastside Properties	ES	2339	WEL048	1,147,922.3	650,725.1	WEL048	Original	11/8/1995	0.00	0.25	1.2 U
Eastside Properties	ES	2381	BNSL34	1,147,794.0	650,996.6	BNSL34	Original	8/2/1995	0.00	0.25	18
Eastside Properties	ES	2402	WEL047	1,147,902.4	650,697.1	WEL047	Original	11/8/1995	0.00	0.25	1.3 U
Eastside Properties	ES	2402	WEL050	1,147,880.2	650,712.5	WEL050	Original	11/8/1995	0.00	0.25	1.2 U
Eastside Properties	ES	2411	WEL035	1,147,792.1	650,982.9	WEL035	Original	11/8/1995	0.00	0.25	1.6
Eastside Properties	ES	2411	WEL036	1,147,792.1	650,982.9	WEL036	Original	11/8/1995	0.00	0.25	1.9
Eastside Properties	ES	2416	WEL049	1,147,856.2	650,657.1	WEL049	Original	11/8/1995	0.00	0.25	1.3 U
Eastside Properties	ES	2416	WEL051	1,147,798.6	650,641.5	WEL051	Original	11/8/1995	0.00	0.25	1.3 U
Eastside Properties	ES	2416	WEL052	1,147,818.7	650,708.6	WEL052	Original	11/8/1995	0.00	0.25	1.2 U
Eastside Properties	ES	2460	BNSL41	1,147,652.7	650,882.3	BNSL41	Original	8/3/1995	0.00	0.25	8.5
Eastside Properties	ES	2462	D11SED200	1,146,514.3	651,233.0	D11SED200	Original	4/26/1995	0.00	0.25	1.2 U
Eastside Properties	ES	2462	OFSL08	1,146,877.3	651,509.8	OFSL08	Original	5/1/1995	0.00	0.25	1.7
Eastside Properties	ES	2462	OFSL14	1,146,615.0	651,695.0	OFSL14	Original	4/25/1996	0.00	0.25	1.1 U
Eastside Properties	ES	2462	OFSL15	1,146,750.0	651,640.0	OFSL15	Original	4/25/1996	0.00	0.25	1.3 U
Eastside Properties	ES	2462	OFSL16	1,146,895.0	651,585.0	OFSL16	Original	4/25/1996	0.00	0.25	1.3 U
Eastside Properties	ES	2462	OFSL17	1,147,025.3	651,530.4	OFSL17	Original	4/25/1996	0.00	0.25	1.2 U
Eastside Properties	ES	2462	OFSL18	1,147,205.0	651,300.0	OFSL18	Original	4/25/1996	0.00	0.25	1.2 U
Eastside Properties	ES	2462	OFSL19	1,147,115.0	651,335.0	OFSL19	Original	4/25/1996	0.00	0.25	1.2 U
Eastside Properties	ES	2462	OFSL20	1,146,975.0	651,385.0	OFSL20	Original	4/25/1996	0.00	0.25	1.2 U
Eastside Properties	ES	2462	OFSL21	1,146,830.0	651,450.0	OFSL21	Original	4/25/1996	0.00	0.25	1.3 U
Eastside Properties	ES	2462	OFSL22	1,146,695.6	651,499.7	OFSL22	Original	4/25/1996	0.00	0.25	1.3 U
Eastside Properties	ES	2462	OFSL22	1,146,695.6	651,499.7	OFSL22X	Field Duplicate	4/25/1996	0.00	0.25	1.3 U
Eastside Properties	ES	2462	OFSL23	1,146,560.0	651,560.0	OFSL23	Original	4/25/1996	0.00	0.25	1.3 U
Eastside Properties	ES	2462	OFSL24	1,146,500.0	651,426.0	OFSL24	Original	4/25/1996	0.00	0.25	1.3 U
Eastside Properties	ES	2462	OFSL25	1,146,640.0	651,365.0	OFSL25	Original	4/25/1996	0.00	0.25	1.3 U
Eastside Properties	ES	2462	OFSL26	1,146,777.4	651,307.7	OFSL26	Original	4/25/1996	0.00	0.25	1.3 U
Eastside Properties	ES	2462	OFSL27	1,146,925.0	651,250.0	OFSL27	Original	4/25/1996	0.00	0.25	1.3 U
Eastside Properties	ES	2462	OFSL28	1,147,060.0	651,195.0	OFSL28	Original	4/25/1996	0.00	0.25	1.3 U
Eastside Properties	ES	2462	OFSL30	1,146,725.0	651,165.0	OFSL30	Original	4/25/1996	0.00	0.25	1.7 U
Eastside Properties	ES	2462	OFSL31	1,146,590.0	651,225.0	OFSL31	Original	4/25/1996	0.00	0.25	1.4 U
Eastside Properties	ES	2462	SED0350R125	1,146,463.9	651,178.9	SED0350R125	Original	4/26/1995	0.00	0.25	14
Eastside Properties	ES	2462	SED1000R25	1,147,095.1	650,986.3	SED1000R25	Original	3/10/1995	0.00	0.25	31
Eastside Properties	ES	2462	SED1420R175	1,147,371.2	651,349.1	SED1420R175	Original	3/18/1995	0.00	0.25	4.2
Eastside Properties	ES	2462	SED1430R175	1,147,380.0	651,353.9	SED1430R175	Original	3/18/1995	0.00	0.25	5.5
Eastside Properties	ES	2462	SED1430R225	1,147,356.5	651,398.0	SED1430R225	Original	4/25/1995	0.00	0.25	260
Eastside Properties	ES	2462	SED1500R125	1,147,453.8	651,370.1	SED1500R125	Original	3/18/1995	0.00	0.25	37

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Eastside Properties	ES	2462	SED1700R125	1,147,632.8	651,458.5	SED1700R125	Original	4/26/1995	0.00	0.25	1.3 U
Eastside Properties	ES	2462	WEL005	1,147,143.6	651,586.1	WEL005	Original	11/6/1995	0.00	0.25	1.2 U
Eastside Properties	ES	2464	BNSL59	1,147,701.2	650,700.5	BNSL59	Original	9/14/1995	0.00	0.25	5.0
Eastside Properties	ES	2464	WEL053	1,147,703.0	650,772.4	WEL053	Original	11/8/1995	0.00	0.25	1.2 U
Eastside Properties	ES	2465	WEL054	1,147,707.7	650,690.3	WEL054	Original	11/8/1995	0.00	0.25	1.4 U
Eastside Properties	ES	2467	BNSL66	1,147,774.0	650,477.0	BNSL66	Original	9/14/1995	0.00	0.25	9.2
Eastside Properties	ES	2529	BNSL76	1,147,474.8	650,675.7	BNSL76	Original	4/4/1996	0.00	0.25	1.3 U
Eastside Properties	ES	2529	BNSL77	1,147,473.2	650,640.2	BNSL77	Original	4/4/1996	0.00	0.25	1.8
Eastside Properties	ES	2529	BNSL78	1,147,519.3	650,496.5	BNSL78	Original	4/4/1996	0.00	0.25	1.1 U
Eastside Properties	ES	2529	BNSL78	1,147,519.3	650,496.5	BNSL78-X	Field Duplicate	4/4/1996	0.00	0.25	1.2 U
Eastside Properties	ES	2529	BNSL83	1,147,314.9	650,647.6	BNSL83	Original	4/4/1996	0.00	0.25	1.2 U
Eastside Properties	ES	2529	BNSL84	1,147,318.1	650,546.3	BNSL84	Original	4/4/1996	0.00	0.25	1.2 U
Eastside Properties	ES	2529	BNSL85	1,147,371.8	650,573.0	BNSL85	Original	4/4/1996	0.00	0.25	1.3 U
Eastside Properties	ES	2529	BNSL88	1,147,365.3	650,477.8	BNSL88 (0-3)	Original	5/16/1996	0.00	0.25	9.5
Eastside Properties	ES	2529	BNSL88	1,147,365.3	650,477.8	BNSL88 (9-12)	Original	5/16/1996	0.50	0.75	6.6
Eastside Properties	ES	2530	BNSL79	1,147,521.9	650,467.5	BNSL79	Original	4/4/1996	0.00	0.25	3.7
Eastside Properties	ES	2530	BNSL80	1,147,466.6	650,442.5	BNSL80	Original	4/4/1996	0.00	0.25	1.2 U
Eastside Properties	ES	2530	BNSL81	1,147,356.0	650,473.2	BNSL81	Original	4/4/1996	0.00	0.25	8.0
Eastside Properties	ES	2530	BNSL86	1,147,381.8	650,471.5	BNSL86	Original	5/6/1996	0.00	0.25	1.1 U
Eastside Properties	ES	2620	BNSL82	1,147,273.0	650,433.2	BNSL82	Original	4/4/1996	0.00	0.25	4.1
Eastside Properties	ES	2620	BNSL87	1,147,331.0	650,473.9	BNSL87	Original	5/6/1996	0.00	0.25	1.0 U
Eastside Properties	ES	2668	WEL006	1,147,185.1	651,685.6	WEL006	Original	11/6/1995	0.00	0.25	1.3 U
Eastside Properties	ES	2673	D1SEDSE	1,146,972.8	650,655.8	D1SEDSE	Original	3/17/1995	0.00	0.25	1.0 U
Eastside Properties	ES	2673	D1SEDSW	1,146,978.0	650,487.3	D1SEDSW	Original	3/17/1995	0.00	0.25	1.0 U
Eastside Properties	ES	2838	CTSL06	1,146,594.5	650,537.9	CTSL06	Original	4/27/1995	0.00	0.25	14
Eastside Properties	ES	2838	CTSL12	1,146,679.9	650,441.0	CTSL12	Original	5/2/1995	0.00	0.25	1.1 U
Eastside Properties	ES	2838	WEL065	1,146,752.6	650,508.4	WEL065	Original	11/8/1995	0.00	0.25	1.7
Eastside Properties	ES	2838	WEL066	1,146,833.0	650,508.1	WEL066	Original	11/8/1995	0.00	0.25	7.5
Eastside Properties	ES	2842	GASCOSL14	1,146,882.8	650,716.7	GASCOSL14	Original	12/18/1996	0.00	0.25	3.7
Eastside Properties	ES	2843	MH-02	1,146,613.9	651,070.8	MH-2 (0-6")	Original	1/5/1998	0.00	0.50	18
Eastside Properties	ES	2843	MH-03	1,146,620.4	651,048.8	MH-3 (0-6")	Original	1/5/1998	0.00	0.50	0.81
Eastside Properties	ES	2843	MH-03	1,146,620.4	651,048.8	MH-3 (12-15")	Original	1/5/1998	1.00	1.25	0.28
Eastside Properties	ES	2844	SED0800R50	1,146,903.1	650,959.3	SED0800R50	Original	3/10/1995	0.00	0.25	1.2 U
Eastside Properties	ES	2861	WEL060	1,146,849.3	650,834.7	WEL060	Original	11/8/1995	0.00	0.25	1.2 U
Eastside Properties	ES	2880	WEL059	1,146,813.3	650,788.8	WEL059	Original	11/8/1995	0.00	0.25	2.6
Eastside Properties	ES	2880	WEL062	1,146,794.4	650,738.8	WEL062	Original	11/8/1995	0.00	0.25	1.4 U
Eastside Properties	ES	2921	CTSL03	1,146,707.4	650,651.9	CTSL03	Original	4/27/1995	0.00	0.25	2.2
Eastside Properties	ES	2926	SED0600L50	1,146,711.8	650,904.3	SED0600L50	Original	3/10/1995	0.00	0.25	1.4
Eastside Properties	ES	2938	WEL064	1,146,660.1	650,743.7	WEL064	Original	11/8/1995	0.00	0.25	1.2 U

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Eastside Properties	ES	3054	KNSL07	1,146,332.8	650,667.9	KNSL07	Original	5/2/1995	0.00	0.25	2.7
Eastside Properties	ES	3054	SED0010L25	1,146,178.8	650,905.2	SED0010L25	Original	3/10/1995	0.00	0.25	1.4 U
Eastside Properties	ES	3054	SED0010L50	1,146,168.9	650,882.2	SED0010L50	Original	3/10/1995	0.00	0.25	46
Eastside Properties	ES	3054	SED0010L50	1,146,168.9	650,882.2	SED0010L50 (7-11)	Original	3/16/1995	0.58	0.92	1.2
Eastside Properties	ES	3054	SED0010R25	1,146,198.7	650,951.0	SED0010R25	Original	3/10/1995	0.00	0.25	46
Eastside Properties	ES	3054	SED0010R25	1,146,198.7	650,951.0	SED0010R25 (6-12)	Original	3/15/1995	0.50	1.00	95
Eastside Properties	ES	3054	SED0010R50	1,146,208.7	650,974.0	SED0010R50	Original	3/10/1995	0.00	0.25	72
Eastside Properties	ES	3054	SED0010R50	1,146,208.7	650,974.0	SED0010R50-dup	Field Duplicate	3/10/1995	0.00	0.25	72
Eastside Properties	ES	3054	SED0200R50	1,146,353.1	651,031.5	SED0200R50	Original	3/10/1995	0.00	0.25	2.3
Eastside Properties	ES	3054	SED-4	1,146,401.5	651,384.1	SED-4	Original	2/21/1995	0.00	0.25	1.0 U
Miscellaneous Programs	ES	2301	HP-1	1,148,063.9	650,880.3	HP-1	Original	8/18/1999	0.00	0.50	0.45
Miscellaneous Programs	ES	2301	HP-2	1,148,051.9	650,886.2	HP-2	Original	8/18/1999	0.00	0.50	0.30
Miscellaneous Programs	ES	2301	HP-3	1,147,950.8	650,806.1	HP-3	Original	8/18/1999	0.00	0.50	0.55
Miscellaneous Programs	ES	2301	HP-4	1,147,928.6	650,814.4	HP-4	Original	8/18/1999	0.00	0.50	0.42
Miscellaneous Programs	ES	2301	HP-5	1,147,920.8	650,803.3	HP-5	Original	8/18/1999	0.00	0.50	0.77
Miscellaneous Programs	ES	2491	2506-A2491	1,147,685.7	651,025.9	2506-3A-2491	Original	10/20/2005	0.00	0.25	1.1
Miscellaneous Programs	ES	3467	SWSL-01	1,147,563.7	650,626.8	SWSL-1	Original	1/7/1999	0.00	0.50	0.45
Miscellaneous Programs	ES	3467	SWSL-02	1,147,563.6	650,605.9	SWSL-2	Original	1/7/1999	0.00	0.50	0.069
Miscellaneous Programs	ES	3467	SWSL-03	1,147,567.6	650,590.0	SWSL-3	Original	1/7/1999	0.00	0.50	0.99
Miscellaneous Programs	ES	3467	SWSL-03	1,147,567.6	650,590.0	SWSL-3 (12-15)	Original	1/7/1999	1.00	1.25	0.15
Miscellaneous Programs	ES	3467	SWSL-03	1,147,567.6	650,590.0	SWSL-3 (24-27)	Original	1/7/1999	2.00	2.25	0.051
Miscellaneous Programs	ES	3467	SWSL-04	1,147,567.0	650,569.2	SWSL-4	Original	1/7/1999	0.00	0.50	0.30
Miscellaneous Programs	ES	3467	SWSL-05	1,147,584.2	650,572.2	SWSL-5	Original	1/7/1999	0.00	0.50	0.30
Miscellaneous Programs	ES	3467	SWSL-06	1,147,566.9	650,550.1	SWSL-6	Original	1/7/1999	0.00	0.50	0.13
Miscellaneous Programs	ES	3467	SWSL-07	1,147,565.7	650,530.2	SWSL-7	Original	1/7/1999	0.00	0.50	0.076
Miscellaneous Programs	ES	3467	SWSL-08	1,147,566.8	650,510.5	SWSL-8	Original	1/7/1999	0.00	0.50	0.12
Miscellaneous Programs	ES	3467	SWSL-09	1,147,567.6	650,489.8	SWSL-9	Original	1/7/1999	0.00	0.50	0.19
Miscellaneous Programs	ES	3467	SWSL-10	1,147,567.8	650,467.9	SWSL-10	Original	1/7/1999	0.00	0.50	1.4
Miscellaneous Programs	ES	3467	SWSL-10	1,147,567.8	650,467.9	SWSL-10 (12-15)	Original	1/7/1999	1.00	1.25	0.53
Miscellaneous Programs	ES	3467	SWSL-10	1,147,567.8	650,467.9	SWSL-10 (24-27)	Original	1/7/1999	2.00	2.25	0.23
Miscellaneous Programs	ES	3467	SWSL-11	1,147,568.4	650,448.3	SWSL-11	Original	1/8/1999	0.00	0.50	0.28
Miscellaneous Programs	ES	3467	SWSL-12	1,147,585.6	650,464.8	SWSL-12	Original	1/8/1999	0.00	0.50	0.11
Miscellaneous Programs	ES	3467	SWSL-13	1,147,584.8	650,619.5	SWSL-13	Original	1/8/1999	0.00	0.50	0.064
Miscellaneous Programs	ES	3467	SWSL-14	1,147,610.7	650,618.7	SWSL-14	Original	1/8/1999	0.00	0.50	0.89
Miscellaneous Programs	ES	3467	SWSL-15	1,147,629.4	650,624.6	SWSL-15	Original	1/8/1999	0.00	0.50	0.50
Miscellaneous Programs	ES	3467	SWSL-16	1,147,651.4	650,630.6	SWSL-16	Original	1/8/1999	0.00	0.50	0.47
Miscellaneous Programs	ES	3467	SWSL-17	1,147,674.0	650,634.2	SWSL-17	Original	1/8/1999	0.00	0.50	0.80
Miscellaneous Programs	ES	3467	SWSL-18	1,147,690.2	650,629.8	SWSL-18	Original	1/8/1999	0.00	0.50	0.40
Miscellaneous Programs	ES	3467	SWSL-19	1,147,707.5	650,629.3	SWSL-19	Original	1/8/1999	0.00	0.50	0.038

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Miscellaneous Programs	ES	3467	SWSL-20	1,147,723.3	650,628.8	SWSL-20	Original	1/8/1999	0.00	0.50	0.074 U
Miscellaneous Programs	ES	3467	SWSL-21	1,147,743.1	650,629.4	SWSL-21	Original	1/8/1999	0.00	0.50	0.15
Miscellaneous Programs	ES	3467	SWSL-22	1,147,761.2	650,630.1	SWSL-22	Original	1/8/1999	0.00	0.50	0.19
Miscellaneous Programs	ES	3467	SWSL-23	1,147,587.7	650,600.7	SWSL-23	Original	1/8/1999	0.00	0.50	0.38
Miscellaneous Programs	ES	3467	SWSL-24	1,147,609.7	650,584.1	SWSL-24	Original	1/8/1999	0.00	0.50	0.23
Miscellaneous Programs	ES	3467	SWSL-25	1,147,629.7	650,605.0	SWSL-25	Original	1/8/1999	0.00	0.50	0.25
Miscellaneous Programs	ES	3467	SWSL-26	1,147,626.6	650,573.0	SWSL-26	Original	1/8/1999	0.00	0.50	0.46
Miscellaneous Programs	ES	3467	SWSL-27	1,147,651.5	650,591.4	SWSL-27	Original	1/8/1999	0.00	0.50	0.22
Miscellaneous Programs	ES	3467	SWSL-28	1,147,666.1	650,608.3	SWSL-28	Original	1/8/1999	0.00	0.50	2.3
Miscellaneous Programs	ES	3467	SWSL-28	1,147,666.1	650,608.3	SWSL-28 (12-15)	Original	1/8/1999	1.00	1.25	0.063
Miscellaneous Programs	ES	3467	SWSL-28	1,147,666.1	650,608.3	SWSL-28 (24-27)	Original	1/8/1999	2.00	2.25	0.081 U
Miscellaneous Programs	ES	3467	SWSL-29	1,147,666.5	650,569.1	SWSL-29	Original	1/8/1999	0.00	0.50	0.32
Miscellaneous Programs	ES	3467	SWSL-30	1,147,575.4	650,429.0	SWSL-30	Original	1/8/1999	0.00	0.50	0.088
Miscellaneous Programs	ES	3467	SWSL-31	1,147,592.5	650,439.0	SWSL-31	Original	1/8/1999	0.00	0.50	0.10
Miscellaneous Programs	ES	3467	SWSL-32	1,147,685.5	650,530.1	SWSL-32	Original	1/8/1999	0.00	0.50	0.68
Miscellaneous Programs	ES	3467	SWSL-33	1,147,706.4	650,607.8	SWSL-33	Original	1/8/1999	0.00	0.50	0.46
Miscellaneous Programs	ES	3467	SWSL-34	1,147,727.8	650,590.8	SWSL-34	Original	1/8/1999	0.00	0.50	0.89
Miscellaneous Programs	ES	3467	SWSL-35	1,147,746.6	650,607.9	SWSL-35	Original	1/8/1999	0.00	0.50	1.2
Miscellaneous Programs	ES	3467	SWSL-35	1,147,746.6	650,607.9	SWSL-35 (12-15)	Original	1/8/1999	1.00	1.25	0.078 U
Miscellaneous Programs	ES	3467	SWSL-35	1,147,746.6	650,607.9	SWSL-35 (24-27)	Original	1/8/1999	2.00	2.25	0.079 U
Miscellaneous Programs	ES	3467	SWSL-36	1,147,760.1	650,596.1	SWSL-36	Original	1/8/1999	0.00	0.50	0.32
USEPA Programs	ES	2401	PA-087-A	1,147,805.7	650,597.6	PA-087-A	Original	2/16/2000	0.00	0.25	1.8
USEPA Programs	ES	2401	PA-087-B	1,147,897.1	650,587.7	PA-087-B	Original	2/16/2000	0.00	0.25	1.4
USEPA Programs	ES	2465	FC2-0041-A	1,147,770.5	650,682.5	FC2-0041-A	Original	5/3/2000	0.00	0.25	0.48
USEPA Programs	ES	2465	FC2-0041-B	1,147,696.9	650,674.4	FC2-0041-B	Original	5/3/2000	0.00	0.25	2.8
USEPA Programs	ES	2465	FC2-0041-C	1,147,579.4	650,670.3	FC2-0041-C	Original	5/3/2000	0.00	0.25	3.0
USEPA Programs	ES	2465	FC2-0041-D	1,147,558.6	650,673.6	FC2-0041-D	Original	5/3/2000	0.00	0.25	3.1
USEPA Programs	ES	2506	PC-023-A	1,147,700.5	651,061.5	PC-023-A	Original	4/27/2000	0.00	0.25	2.1
USEPA Programs	ES	2506	PC-023-B	1,147,702.8	651,009.0	PC-023-B	Original	4/27/2000	0.00	0.25	7.3
USEPA Programs	ES	2506	PC-024-A	1,147,629.2	651,064.9	PC-024-A	Original	4/27/2000	0.00	0.25	6.6
USEPA Programs	ES	2506	PC-024-B	1,147,671.5	651,008.1	PC-024-B	Original	4/27/2000	0.00	0.25	2.2
USEPA Programs	ES	9999	FC1-0034-A	1,147,749.8	650,352.9	FC1-0034-A	Original	5/8/2000	0.00	0.25	0.37
USEPA Programs	ES	9999	FC1-0034-B	1,147,667.6	650,352.8	FC1-0034-B	Original	5/8/2000	0.00	0.25	0.67
USEPA Programs	ES	9999	FC1-0034-D	1,147,582.4	650,345.8	FC1-0034-D	Original	5/8/2000	0.00	0.25	3.5
11th Street Ditch	NS	2204	11SDbSTA0	1,148,139.7	650,345.8	11SDbSTA0	Original	4/12/2001	0.00	0.50	65
11th Street Ditch	NS	2326	11SDd3STA0	1,148,072.7	650,322.3	11SDd3STA0	Original	4/10/2001	0.00	0.50	4.2
11th Street Ditch	NS	2326	11SDd3STA1	1,148,012.7	650,231.8	11SDd3STA1	Original	4/10/2001	0.00	0.50	7.5
11th Street Ditch	NS	2367	11SDbSTA21	1,147,076.3	648,505.4	11SDbSTA21	Original	4/25/2001	0.00	0.50	0.80
11th Street Ditch	NS	2367	11SDbSTA22	1,147,025.3	648,419.8	11SDbSTA22	Original	4/25/2001	0.00	0.50	0.72

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
11th Street Ditch	NS	2367	11SDbSTA23	1,146,972.9	648,332.9	11SDbSTA23	Field Duplicate	4/25/2001	0.00	0.50	0.47
11th Street Ditch	NS	2367	11SDbSTA23	1,146,972.9	648,332.9	11SDbSTA23	Original	4/25/2001	0.00	0.50	0.30
11th Street Ditch	NS	2367	11SDbSTA24	1,146,924.1	648,249.1	11SDbSTA24	Original	4/25/2001	0.00	0.50	0.93
11th Street Ditch	NS	2367	11SDbSTA25	1,146,871.7	648,162.7	11SDbSTA25	Original	4/25/2001	0.00	0.50	0.73
11th Street Ditch	NS	2440	11SDbSTA8	1,147,755.3	649,601.3	11SDbSTA8	Original	4/24/2001	0.00	0.50	1.4
11th Street Ditch	NS	9999	11SDcSTA0	1,147,779.4	649,884.6	11SDcSTA0	Original	4/25/2001	0.00	0.50	11
11th Street Ditch	NS	9999	11SDcSTA1	1,147,734.7	649,795.0	11SDcSTA1	Original	4/25/2001	0.00	0.50	8.4
11th Street Ditch	NS	9999	11SDcSTA2	1,147,688.1	649,706.0	11SDcSTA2	Original	4/25/2001	0.00	0.50	7.3
11th Street Ditch	NS	9999	11SDd2STA0	1,147,954.2	650,356.5	11SDd2STA0	Original	4/10/2001	0.00	0.50	7.7
9th Street Ditch	NS	2367	W9_RR_LBSTA11	1,147,944.5	648,647.3	W9SCRRLBFDSTA-11	Field Duplicate	11/1/2002	0.00	0.50	0.29
9th Street Ditch	NS	2367	W9_RR_LBSTA11	1,147,944.5	648,647.3	W9SCRRLBSTA-11	Original	11/1/2002	0.00	0.50	0.43
Miscellaneous Programs	NS	2367	NPSL44	1,147,782.4	649,103.2	NPSL44	Original	12/11/1996	0.00	0.25	6.1
Miscellaneous Programs	NS	2367	NPSL44	1,147,782.4	649,103.2	NPSL44-X	Field Duplicate	12/11/1996	0.00	0.25	7.2
Miscellaneous Programs	NS	4214	SV-1	1,147,805.2	650,308.5	SV-1	Original	7/22/2002	0.00	0.50	0.67 J
Miscellaneous Programs	NS	4214	SV-6	1,147,871.8	650,192.3	SV-6	Original	7/31/2002	0.00	0.50	0.32 J
Miscellaneous Programs	NS	4214	SV-8	1,147,801.3	650,255.5	SV-8	Original	7/31/2002	0.00	0.50	0.22
Northside Properties	NS	2070	ESL001	1,148,459.2	649,961.2	ESL01	Original	5/6/1996	0.00	0.25	6.8
Northside Properties	NS	2073	ESL009	1,148,456.8	649,846.1	ESL09	Original	5/6/1996	0.00	0.25	11
Northside Properties	NS	2077	ESL013	1,148,455.6	649,722.7	ESL13	Original	5/7/1996	0.00	0.25	6.6
Northside Properties	NS	2148	ESL055	1,148,154.2	649,663.2	ESL55	Original	6/5/1996	0.00	0.25	4.5
Northside Properties	NS	2204	ESL093	1,148,176.1	650,345.1	ESL93	Original	7/24/1996	0.00	0.25	160
Northside Properties	NS	2367	NPSL43	1,147,799.5	649,089.4	NPSL43	Original	12/11/1996	0.00	0.25	7.8
Northside Properties	NS	2367	NSP-A	1,147,862.7	648,773.2	NSP-24A	Original	8/15/2002	0.00	2.00	0.79 J
Northside Properties	NS	2367	NSP-A	1,147,862.7	648,773.2	NSP-24A-X	Field Duplicate	8/15/2002	0.00	2.00	0.69 J
Northside Properties	NS	2367	NSP-E	1,147,087.6	648,361.0	NSP-24E	Original	8/16/2002	0.00	2.00	0.55 J
Northside Properties	NS	2367	T-09	1,147,714.2	649,106.3	T-09 4-6'	Original	3/25/2008	4.00	6.00	0.29 J
Northside Properties	NS	2367	T-09	1,147,714.2	649,106.3	T-09 4-6' DUP	Field Duplicate	3/25/2008	4.00	6.00	0.57 J
Northside Properties	NS	2367	T-09	1,147,714.2	649,106.3	T-09 6-8'	Original	3/25/2008	6.00	8.00	0.031 J
Northside Properties	NS	2367	T-09	1,147,714.2	649,106.3	T-09 8-10'	Original	3/25/2008	8.00	10.00	1.8 JN
USEPA Programs	NS	2148	PB-ASP-11	1,148,254.6	649,667.8	PB-ASP-11	Original	3/25/2000	0.00	0.25	3.4
USEPA Programs	NS	2367	PB-ASP-01	1,147,771.0	648,587.9	PB-ASP-01	Original	3/25/2000	0.00	0.25	0.42
USEPA Programs	NS	2367	PB-ASP-03	1,147,981.5	648,848.0	PB-ASP-03	Original	3/25/2000	0.00	0.25	2.4 U
USEPA Programs	NS	2367	PCWaste-10	1,147,054.4	648,234.0	PCWaste-10	Original	4/27/2000	0.00	0.25	10 U
USEPA Programs	NS	2367	PCWaste-11	1,147,054.4	648,234.0	PCWaste-11	Original	4/27/2000	0.00	0.25	10 U
USEPA Programs	NS	2373	PB-ASP-08	1,147,993.7	649,452.7	PB-ASP-08	Original	3/25/2000	0.00	0.25	93
USEPA Programs	NS	2373	PECON-016	1,147,916.4	649,262.8	PECON-016	Original	7/26/2000	0.00	0.25	1.1
9th Street Ditch	Zone A	42858	W9_1677_LBSTA1	1,148,572.2	648,646.4	W9SC1677LBSTA1COMP	Original	10/31/2002	0.00	0.50	0.42
9th Street Ditch	Zone A	42858	W9_1677_RBSTA1	1,148,572.2	648,646.4	W9SC1677RBSTA1COMP	Original	10/31/2002	0.00	0.50	0.41
9th Street Ditch	Zone A	42863	W9_1677_LBSTA2	1,148,537.4	648,548.6	W9SC1677LBSTA2COMP	Original	10/31/2002	0.00	0.50	0.37

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
9th Street Ditch	Zone A	42863	W9_1677_RBSTA2	1,148,537.4	648,548.6	W9SC1677RBSTA2COMP	Original	10/31/2002	0.00	0.50	0.75
9th Street Ditch	Zone A	42864	W9_1677_LBSTA3	1,148,411.7	648,375.3	W9SC1677LBSTA3COMP	Original	10/31/2002	0.00	0.50	2.4
9th Street Ditch	Zone A	42864	W9_1677_RBSTA3	1,148,411.7	648,375.3	W9SC1677RBSTA3COMP	Original	10/31/2002	0.00	0.50	8.6
Anniston Lead Site	Zone A	456	19626-G1	1,151,024.5	654,171.7	19626-G1	Original	8/11/2006	0.00	0.50	1.2 J
Anniston Lead Site	Zone A	456	19626-G2	1,151,024.5	654,171.7	19626-G2	Original	8/11/2006	0.00	0.50	0.033 J
Anniston Lead Site	Zone A	456	19626-G3	1,151,024.5	654,171.7	19626-G3	Original	8/11/2006	0.00	0.50	0.96 J
Anniston Lead Site	Zone A	456	19626-G4	1,151,024.5	654,171.7	19626-G4	Original	8/11/2006	0.00	0.50	0.18
Anniston Lead Site	Zone A	1197	PB-007-04B	1,149,738.5	648,721.0	PB-007-04B	Original	3/23/2000	0.00	0.25	0.16 J
Anniston Lead Site	Zone A	1197	PB-007-06A	1,149,265.7	649,200.6	PB-007-06A	Original	3/23/2000	0.00	0.25	0.15 J
Anniston Lead Site	Zone A	1197	PB-007-06B	1,149,265.7	649,200.6	PB-007-06B	Original	3/23/2000	0.00	0.25	0.69 J
Anniston Lead Site	Zone A	1197	PB-007-07	1,149,743.7	649,456.7	PB-007-07	Original	3/23/2000	0.00	0.25	0.35 UJ
Anniston Lead Site	Zone A	1197	PB-007-60A	1,148,375.2	648,059.6	PB-007-60A	Original	3/28/2000	8.00	12.00	0.21 J
Anniston Lead Site	Zone A	1197	PB-007-61A	1,149,432.2	649,213.7	PB-007-61A	Original	3/28/2000	0.00	4.00	0.18 UJ
Anniston Lead Site	Zone A	1197	UD-SD-01	1,149,108.4	649,160.1	UD-SD-01	Original		0.00	0.25	18 J
Anniston Lead Site	Zone A	5693	66879-G10	1,139,742.7	655,849.1	66879-G10	Original	11/1/2007	0.00	0.50	0.080 U
Anniston Lead Site	Zone A	5693	66879-G10	1,139,742.7	655,849.1	66879-G10	Field Duplicate	11/1/2007	0.00	0.50	0.080 U
Anniston Lead Site	Zone A	5693	66879-G11	1,139,867.0	655,860.2	66879-G11	Original	11/1/2007	0.00	0.50	0.080 U
Anniston Lead Site	Zone A	5693	66879-G12	1,139,346.0	655,953.4	66879-G12	Original	11/1/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone A	5693	66879-G13	1,139,436.1	655,951.9	66879-G13	Original	11/1/2007	0.00	0.50	0.080 U
Anniston Lead Site	Zone A	5693	66879-G14	1,139,560.8	655,955.8	66879-G14	Original	11/1/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone A	5693	66879-G15	1,139,342.2	656,029.8	66879-G15	Original	11/1/2007	0.00	0.50	0.080 U
Anniston Lead Site	Zone A	5693	66879-G16	1,139,437.9	656,038.0	66879-G16	Original	11/1/2007	0.00	0.50	0.080 U
Anniston Lead Site	Zone A	5693	66879-G17	1,139,534.9	656,048.5	66879-G17	Original	11/1/2007	0.00	0.50	0.080 U
Anniston Lead Site	Zone A	5693	66879-G18	1,139,696.1	656,092.3	66879-G18	Original	11/1/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone A	5693	66879-G21	1,139,935.8	656,134.1	66879-G21	Original	11/1/2007	0.00	0.50	0.090 U
Anniston Lead Site	Zone A	5693	66879-G22	1,140,047.3	656,140.1	66879-G22	Original	11/1/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone A	5693	66879-G23	1,140,070.2	656,052.9	66879-G23	Original	11/1/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone A	5693	66879-G24	1,139,992.0	655,992.6	66879-G24	Original	11/1/2007	0.00	0.50	0.060
Anniston Lead Site	Zone A	5693	66879-G25	1,139,933.1	655,947.5	66879-G25	Original	11/1/2007	0.00	0.50	0.080 U
Anniston Lead Site	Zone A	5693	66879-G8	1,139,530.7	655,856.7	66879-G8	Original	11/1/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone A	5693	66879-G9	1,139,632.3	655,816.4	66879-G9	Original	11/1/2007	0.00	0.50	0.080 U
Anniston Lead Site	Zone A	202794	FC3-0054-A	1,157,784.4	655,010.4	FC3-0054-A	Original	5/8/2000	0.00	0.25	0.18 U
Anniston Lead Site	Zone A	202794	FC3-0054-B	1,157,757.7	655,495.6	FC3-0054-B	Original	5/8/2000	0.00	0.25	0.18 U
Anniston Lead Site	Zone A	202794	FC3-0054-C	1,157,591.2	655,503.8	FC3-0054-C	Original	5/8/2000	0.00	0.25	0.21 U
Anniston Lead Site	Zone A	202794	PA-061-A	1,157,659.8	655,061.5	PA-061-A	Original	2/14/2000	0.00	0.25	0 R

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Anniston Lead Site	Zone A	202794	PA-061-B	1,157,777.7	655,108.4	PA-061-B	Original	2/14/2000	0.00	0.25	0.074 J
Anniston Lead Site	Zone A	203103	PB-025-01	1,155,849.6	653,494.6	PB-025-01	Original	3/21/2000	0.00	0.25	0.023 UJ
Anniston Lead Site	Zone A	203103	PB-025-03	1,156,082.1	653,383.1	PB-025-03	Original	3/21/2000	0.00	0.25	0.21 UJ
Anniston Lead Site	Zone A	203103	PB-025-04	1,156,082.1	653,383.1	PB-025-04	Original	3/21/2000	0.00	0.25	2.1 UJ
Anniston Lead Site	Zone A	203103	PB-025-06	1,156,135.7	653,329.9	PB-025-06	Original	3/21/2000	0.00	0.25	0.019 UJ
Anniston Lead Site	Zone A	203105	PB-012-10	1,157,029.8	653,684.9	PB-012-10	Original	3/21/2000	0.00	0.25	0.020 UJ
Anniston Lead Site	Zone A	203105	PB-012-16	1,156,455.7	653,321.8	PB-012-16	Original	3/21/2000	0.00	0.25	0.019 UJ
Anniston Lead Site	Zone A	203105	PB-012-18	1,157,029.8	653,684.9	PB-012-18	Original	3/21/2000	0.00	0.25	0.020 UJ
Anniston Lead Site	Zone A	203132	PC-071-B	1,156,838.4	651,862.9	PC-071-B	Original	4/26/2000	0.00	0.25	0.037 U
Anniston Lead Site	Zone A	203153	PB-011-06	1,155,642.8	653,937.9	PB-011-06	Original	3/22/2000	0.00	0.25	0.44 UJ
Anniston Lead Site	Zone A	203153	PB-011-40	1,155,118.4	654,219.2	PB-011-40	Original	3/22/2000	0.00	0.25	0.019 UJ
Anniston Lead Site	Zone A	203153	PB-011-60A	1,155,243.4	654,220.5	PB-011-60A	Original	3/23/2000	0.00	4.00	1.9 UJ
Anniston Lead Site	Zone A	203153	PB-011-60C	1,154,880.0	653,973.8	PB-011-60C	Original	3/23/2000	8.00	12.00	0.025 J
Anniston Lead Site	Zone A	203153	PB-011-61A	1,154,993.3	653,629.6	PB-011-61A	Original	3/23/2000	0.00	4.00	0.079 UJ
Anniston Lead Site	Zone A	203632	PB-014-07	1,154,386.7	654,715.0	PB-014-07	Original	3/23/2000	0.00	0.25	0.22 UJ
Anniston Lead Site	Zone A	203632	PB-014-40	1,154,514.9	654,856.5	PB-014-40	Original	3/24/2000	0.00	0.25	0.15 J
Anniston Lead Site	Zone A	203632	PB-014-60A	1,154,404.7	654,876.6	PB-014-60A	Original	3/24/2000	0.00	4.00	2.0 UJ
Anniston Lead Site	Zone A	203633	PB-011-01	1,155,557.8	654,695.1	PB-011-01	Original	3/22/2000	0.00	0.25	0.020 UJ
Anniston Lead Site	Zone A	206899	PB-017-03	1,152,981.4	655,390.6	PB-017-03	Original	3/22/2000	0.00	0.25	0.023 UJ
Anniston Lead Site	Zone A	206899	PB-017-06	1,152,751.8	655,417.6	PB-017-06	Original	3/22/2000	0.00	0.25	0.021 UJ
Anniston Lead Site	Zone A	206899	PB-017-41	1,152,986.3	655,399.6	PB-017-41	Original	3/23/2000	0.00	0.25	0.020 UJ
Anniston Lead Site	Zone A	206899	PB-017-60	1,153,169.3	655,235.0	PB-017-60	Original	3/22/2000	0.00	4.00	0.18 UJ
Anniston Lead Site	Zone A	207175	LE39B	1,152,476.0	656,426.0	LE39B	Original	12/11/2002	0.00	0.25	0.027 J
Anniston Lead Site	Zone A	207314	PB-014-01	1,153,969.6	654,266.9	PB-014-01	Original	3/23/2000	0.00	0.25	0.022 J
Anniston Lead Site	Zone A	207402	LF30B	1,153,765.1	653,201.1	LF30B	Original	4/1/2003	0.00	0.25	0.041 U
Anniston Lead Site	Zone A	210753	PB-008-60A	1,153,003.9	650,368.6	PB-008-60A	Original	3/28/2000	0.00	4.00	0.19 UJ
Anniston Lead Site	Zone A	210753	PB-008-61A	1,152,982.9	650,816.8	PB-008-61A	Original	3/28/2000	4.00	8.00	0.20 UJ
Anniston Lead Site	Zone A	210753	PB-008A-07A	1,152,967.1	650,341.9	PB-008A-07A	Original	3/24/2000	0.00	0.25	0.037 J
Anniston Lead Site	Zone A	210753	PB-008A-08A	1,152,967.1	650,341.9	PB-008A-08A	Original	3/24/2000	0.00	0.25	0.039 UJ
Anniston Lead Site	Zone A	210753	PB-008B-04B	1,152,828.3	650,680.4	PB-008B-04B	Original	3/24/2000	0.00	0.25	0.020 UJ
Anniston Lead Site	Zone A	210754	30421-G1	1,153,634.8	650,107.1	30421-G1	Original	11/14/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone A	210754	30421-G2	1,153,634.8	650,107.1	30421-G2	Original	11/14/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone A	210754	30421-G2	1,153,634.8	650,107.1	30421-G2	Field Duplicate	11/14/2007	0.00	0.50	0.090 U
Anniston Lead Site	Zone A	210754	30421-G3	1,153,634.8	650,107.1	30421-G3	Original	11/14/2007	0.00	0.50	0.080 U
Anniston Lead Site	Zone A	210754	30421-G4	1,153,634.8	650,107.1	30421-G4	Original	11/14/2007	0.00	0.50	0.70
Anniston Lead Site	Zone A	210754	30421-G5	1,153,634.8	650,107.1	30421-G5	Original	11/14/2007	0.00	0.50	3.2
Anniston Lead Site	Zone A	210754	30421-G6	1,153,634.8	650,107.1	30421-G6	Original	11/14/2007	0.00	0.50	1.4
Anniston Lead Site	Zone A	210754	30421-G7	1,153,634.8	650,107.1	30421-G7	Original	11/14/2007	0.00	0.50	8.4
Anniston Lead Site	Zone A	210754	30421-G8	1,153,634.8	650,107.1	30421-G8	Original	11/14/2007	0.00	0.50	12

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Anniston Lead Site	Zone A	210754	30421-G9	1,153,634.8	650,107.1	30421-G9	Original	11/14/2007	0.00	0.50	1.9
Residential Sampling	Zone A	1094	FC4-0034-A	1,149,881.1	649,399.5	FC4-0034-A	Original	5/5/2000	0.00	0.25	0.23
Residential Sampling	Zone A	1094	FC4-0034-C	1,149,906.8	649,228.8	FC4-0034-C	Original	5/5/2000	0.00	0.25	0.19 U
Special Use Sampling	Zone A	264	32900-G1	1,151,346.0	651,843.9	32900-G1	Original	5/1/2007	0.00	0.50	0.20
Special Use Sampling	Zone A	5247	66861-BY	1,142,197.0	656,775.2	66861-BY	Original	5/14/2007	0.00	0.50	0.070 U
USEPA Programs	Zone A	43155	PB-023-01	1,149,037.1	656,044.0	PB-023-01	Original	3/23/2000	0.00	0.25	0.29
USEPA Programs	Zone A	43155	PB-023-02	1,149,259.1	655,998.8	PB-023-02	Original	3/23/2000	0.00	0.25	0.029
USEPA Programs	Zone A	47901	LC-40-A	1,152,929.0	653,949.0	LC-40-A	Original	5/1/2002	0.00	0.25	0.039 U
USEPA Programs	Zone A	47901	LC-41-A	1,152,918.9	654,022.2	LC-41-A	Original	5/1/2002	0.00	0.25	0.042 U
USEPA Programs	Zone A	47901	LC-42-A	1,152,987.7	654,097.8	LC-42-A	Original	5/1/2002	0.00	0.25	0.041 U
Anniston Lead Site	Zone B	4	30182-G1	1,151,820.5	648,344.1	30182-G1	Original	10/31/2007	0.00	0.50	1.3
Anniston Lead Site	Zone B	4	30182-G2	1,151,700.0	648,280.0	30182-G2	Original	10/31/2007	0.00	0.50	0.060
Anniston Lead Site	Zone B	4	30182-G3	1,151,700.2	648,407.8	30182-G3	Original	10/31/2007	0.00	0.50	0.080 U
Anniston Lead Site	Zone B	4	30182-G4	1,151,529.2	648,292.7	30182-G4	Original	10/31/2007	0.00	0.50	0.16
Anniston Lead Site	Zone B	4	30182-G5	1,151,480.9	648,291.4	30182-G5	Original	10/31/2007	0.00	0.50	0.38
Anniston Lead Site	Zone B	4	30182-G6	1,151,421.7	648,291.5	30182-G6	Original	10/31/2007	0.00	0.50	0.080 U
Anniston Lead Site	Zone B	4	30182-G7	1,151,420.7	648,360.9	30182-G7	Original	10/31/2007	0.00	0.50	0.16
Anniston Lead Site	Zone B	4	30182-G8	1,151,508.5	648,343.8	30182-G8	Original	10/31/2007	0.00	0.50	0.31
Anniston Lead Site	Zone B	260	PC-006-A	1,151,537.6	652,588.8	PC-006-A	Original	4/27/2000	0.00	0.25	0.069 J
Anniston Lead Site	Zone B	1920	18084-G1	1,148,644.4	658,277.1	18084-G1	Original	2/5/2008	0.00	0.50	1.9
Anniston Lead Site	Zone B	1920	18084-G2	1,148,648.2	658,351.0	18084-G2	Original	2/5/2008	0.00	0.50	2.0
Anniston Lead Site	Zone B	1920	18084-G2	1,148,648.2	658,351.0	18084-G2	Field Duplicate	2/5/2008	0.00	0.50	1.5
Anniston Lead Site	Zone B	1920	18084-G3	1,148,647.6	658,410.7	18084-G3	Original	2/5/2008	0.00	0.50	7.0
Anniston Lead Site	Zone B	1920	18084-G4	1,148,593.4	658,266.4	18084-G4	Original	2/5/2008	0.00	0.50	0.93
Anniston Lead Site	Zone B	1920	18084-G5	1,148,572.3	658,336.2	18084-G5	Original	2/5/2008	0.00	0.50	1.3
Anniston Lead Site	Zone B	1920	18084-G6	1,148,599.9	658,399.9	18084-G6	Original	2/5/2008	0.00	0.50	0.42
Anniston Lead Site	Zone B	2297	17523-G1	1,147,793.5	659,535.9	17523-G1	Original	1/24/2007	0.00	0.50	1.6
Anniston Lead Site	Zone B	2297	17523-G2	1,147,807.9	659,583.6	17523-G2	Original	1/24/2007	0.00	0.50	0.95
Anniston Lead Site	Zone B	2297	17523-G3	1,147,821.7	659,648.8	17523-G3	Original	1/24/2007	0.00	0.50	1.4
Anniston Lead Site	Zone B	2297	17523-G4	1,147,830.1	659,739.2	17523-G4	Original	1/24/2007	0.00	0.50	3.3
Anniston Lead Site	Zone B	2297	17523-G4	1,147,830.1	659,739.2	17523-G4	Field Duplicate	1/24/2007	0.00	0.50	3.1
Anniston Lead Site	Zone B	2297	17523-G5	1,147,826.0	659,836.9	17523-G5	Original	1/24/2007	0.00	0.50	4.5
Anniston Lead Site	Zone B	2297	17523-G6	1,147,814.8	659,902.3	17523-G6	Original	1/24/2007	0.00	0.50	1.8
Anniston Lead Site	Zone B	3212	18591-G1	1,145,599.0	654,489.7	18591-G1	Original	1/26/2007	0.00	0.50	0.050
Anniston Lead Site	Zone B	3212	18591-G10	1,145,955.6	654,487.6	18591-G10	Original	1/26/2007	0.00	0.50	0.040
Anniston Lead Site	Zone B	3212	18591-G11	1,145,991.9	654,487.6	18591-G11	Original	1/26/2007	0.00	0.50	0.040
Anniston Lead Site	Zone B	3212	18591-G11	1,145,991.9	654,487.6	18591-G11	Field Duplicate	1/26/2007	0.00	0.50	0.050
Anniston Lead Site	Zone B	3212	18591-G12	1,146,033.1	654,487.4	18591-G12	Original	1/26/2007	0.00	0.50	0.040
Anniston Lead Site	Zone B	3212	18591-G13	1,146,080.7	654,487.0	18591-G13	Original	1/26/2007	0.00	0.50	0.12

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Anniston Lead Site	Zone B	3212	18591-G14	1,146,069.8	654,562.2	18591-G14	Original	1/26/2007	0.00	0.50	0.24
Anniston Lead Site	Zone B	3212	18591-G15	1,146,004.4	654,562.5	18591-G15	Original	1/26/2007	0.00	0.50	0.020 U
Anniston Lead Site	Zone B	3212	18591-G16	1,145,936.4	654,563.0	18591-G16	Original	1/26/2007	0.00	0.50	0.020 U
Anniston Lead Site	Zone B	3212	18591-G17	1,145,855.5	654,563.2	18591-G17	Original	1/26/2007	0.00	0.50	0.050
Anniston Lead Site	Zone B	3212	18591-G18	1,145,777.2	654,563.8	18591-G18	Original	1/26/2007	0.00	0.50	0.090
Anniston Lead Site	Zone B	3212	18591-G19	1,145,705.3	654,564.1	18591-G19	Original	1/26/2007	0.00	0.50	0.11
Anniston Lead Site	Zone B	3212	18591-G2	1,145,643.6	654,489.3	18591-G2	Original	1/26/2007	0.00	0.50	0.020
Anniston Lead Site	Zone B	3212	18591-G20	1,145,624.1	654,564.5	18591-G20	Original	1/26/2007	0.00	0.50	0.010
Anniston Lead Site	Zone B	3212	18591-G3	1,145,686.3	654,489.6	18591-G3	Original	1/26/2007	0.00	0.50	8.0
Anniston Lead Site	Zone B	3212	18591-G4	1,145,722.8	654,489.0	18591-G4	Original	1/26/2007	0.00	0.50	3.5
Anniston Lead Site	Zone B	3212	18591-G5	1,145,759.0	654,488.6	18591-G5	Original	1/26/2007	0.00	0.50	2.6
Anniston Lead Site	Zone B	3212	18591-G6	1,145,793.8	654,488.5	18591-G6	Original	1/26/2007	0.00	0.50	0.14
Anniston Lead Site	Zone B	3212	18591-G7	1,145,834.3	654,488.7	18591-G7	Original	1/26/2007	0.00	0.50	0.55
Anniston Lead Site	Zone B	3212	18591-G8	1,145,878.8	654,488.0	18591-G8	Original	1/26/2007	0.00	0.50	0.54
Anniston Lead Site	Zone B	3212	18591-G9	1,145,919.2	654,488.2	18591-G9	Original	1/26/2007	0.00	0.50	0.14
Anniston Lead Site	Zone B	4696	62452-G1	1,143,449.6	643,600.3	62452-G1	Original	10/8/2007	0.00	0.50	0.15
Anniston Lead Site	Zone B	4696	62452-G10	1,143,449.6	643,600.3	62452-G10	Original	10/8/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	4696	62452-G11	1,143,449.6	643,600.3	62452-G11	Original	10/8/2007	0.00	0.50	0.060
Anniston Lead Site	Zone B	4696	62452-G12	1,143,449.6	643,600.3	62452-G12	Original	10/8/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	4696	62452-G13	1,143,449.6	643,600.3	62452-G13	Original	10/8/2007	0.00	0.50	0.10
Anniston Lead Site	Zone B	4696	62452-G2	1,143,449.6	643,600.3	62452-G2	Original	10/8/2007	0.00	0.50	0.070
Anniston Lead Site	Zone B	4696	62452-G3	1,143,449.6	643,600.3	62452-G3	Original	10/8/2007	0.00	0.50	0.090
Anniston Lead Site	Zone B	4696	62452-G4	1,143,449.6	643,600.3	62452-G4	Original	10/8/2007	0.00	0.50	0.090
Anniston Lead Site	Zone B	4696	62452-G5	1,143,449.6	643,600.3	62452-G5	Original	10/8/2007	0.00	0.50	0.18
Anniston Lead Site	Zone B	4696	62452-G6	1,143,449.6	643,600.3	62452-G6	Original	10/8/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	4696	62452-G7	1,143,449.6	643,600.3	62452-G7	Original	10/8/2007	0.00	0.50	0.070
Anniston Lead Site	Zone B	4696	62452-G8	1,143,449.6	643,600.3	62452-G8	Original	10/8/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	4696	62452-G9	1,143,449.6	643,600.3	62452-G9	Original	10/8/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	4874	62886-G1	1,143,120.7	647,905.3	62886-G1	Original	3/16/2007	0.00	0.50	0.060
Anniston Lead Site	Zone B	4874	62886-G2	1,143,120.7	647,905.3	62886-G2	Original	3/16/2007	0.00	0.50	0.070
Anniston Lead Site	Zone B	6485	LG008B	1,135,335.0	655,243.4	LG008B	Original	2/1/2004	0.00	0.25	0.048 J
Anniston Lead Site	Zone B	7970	16384-BY	1,130,524.2	657,412.2	16384-BY	Original	12/1/2006	0.00	0.50	3.3
Anniston Lead Site	Zone B	7970	16384-FY	1,130,499.3	657,365.7	16384-FY	Original	12/1/2006	0.00	0.50	0.060 J
Anniston Lead Site	Zone B	203288	FC3-0061-D	1,156,100.4	657,019.7	FC3-0061-D	Original	5/9/2000	0.00	0.25	0.19 U
Anniston Lead Site	Zone B	206148	21033-G1	1,152,315.3	659,985.8	21033-G1	Original	11/1/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206148	21033-G10	1,151,975.7	659,616.9	21033-G10	Original	11/2/2007	0.00	0.50	0.32
Anniston Lead Site	Zone B	206148	21033-G11	1,152,323.2	659,661.0	21033-G11	Original	11/1/2007	0.00	0.50	1.2
Anniston Lead Site	Zone B	206148	21033-G12	1,152,320.8	659,546.6	21033-G12	Original	11/1/2007	0.00	0.50	0.050
Anniston Lead Site	Zone B	206148	21033-G13	1,152,305.9	659,445.5	21033-G13	Original	11/1/2007	0.00	0.50	0.050

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Anniston Lead Site	Zone B	206148	21033-G14	1,152,231.5	659,352.6	21033-G14	Original	11/1/2007	0.00	0.50	0.10
Anniston Lead Site	Zone B	206148	21033-G15	1,152,260.2	659,600.9	21033-G15	Original	11/1/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206148	21033-G16	1,152,234.8	659,527.4	21033-G16	Original	11/1/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206148	21033-G16	1,152,234.8	659,527.4	21033-G16	Field Duplicate	11/1/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206148	21033-G17	1,152,242.2	659,447.3	21033-G17	Original	11/2/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206148	21033-G18	1,152,155.6	659,545.2	21033-G18	Original	11/2/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206148	21033-G19	1,152,154.3	659,443.3	21033-G19	Original	11/2/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206148	21033-G2	1,152,326.9	659,886.7	21033-G2	Original	11/1/2007	0.00	0.50	0.070
Anniston Lead Site	Zone B	206148	21033-G20	1,152,154.3	659,350.1	21033-G20	Original	11/2/2007	0.00	0.50	0.070
Anniston Lead Site	Zone B	206148	21033-G21	1,152,152.0	659,259.7	21033-G21	Original	11/2/2007	0.00	0.50	0.38
Anniston Lead Site	Zone B	206148	21033-G22	1,152,054.7	659,196.2	21033-G22	Original	11/2/2007	0.00	0.50	0.15
Anniston Lead Site	Zone B	206148	21033-G23	1,152,034.1	659,640.6	21033-G23	Original	11/2/2007	0.00	0.50	0.18
Anniston Lead Site	Zone B	206148	21033-G24	1,152,049.5	659,545.4	21033-G24	Original	11/2/2007	0.00	0.50	2.5
Anniston Lead Site	Zone B	206148	21033-G25	1,152,049.5	659,443.0	21033-G25	Original	11/2/2007	0.00	0.50	1.7
Anniston Lead Site	Zone B	206148	21033-G26	1,152,049.4	659,349.8	21033-G26	Original	11/2/2007	0.00	0.50	2.0
Anniston Lead Site	Zone B	206148	21033-G27	1,152,049.5	659,258.0	21033-G27	Original	11/2/2007	0.00	0.50	1.1
Anniston Lead Site	Zone B	206148	21033-G28	1,151,961.3	659,544.7	21033-G28	Original	11/2/2007	0.00	0.50	0.66
Anniston Lead Site	Zone B	206148	21033-G29	1,151,960.7	659,442.8	21033-G29	Original	11/2/2007	0.00	0.50	2.4
Anniston Lead Site	Zone B	206148	21033-G3	1,152,253.8	659,905.8	21033-G3	Original	11/1/2007	0.00	0.50	0.080 U
Anniston Lead Site	Zone B	206148	21033-G30	1,151,960.5	659,349.5	21033-G30	Original	11/2/2007	0.00	0.50	1.6
Anniston Lead Site	Zone B	206148	21033-G31	1,151,960.3	659,258.0	21033-G31	Original	11/2/2007	0.00	0.50	0.53
Anniston Lead Site	Zone B	206148	21033-G4	1,152,287.8	659,720.3	21033-G4	Original	11/1/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206148	21033-G5	1,152,259.1	659,815.4	21033-G5	Original	11/1/2007	0.00	0.50	0.11
Anniston Lead Site	Zone B	206148	21033-G6	1,152,203.1	659,754.1	21033-G6	Original	11/1/2007	0.00	0.50	0.080 U
Anniston Lead Site	Zone B	206148	21033-G7	1,152,146.1	659,690.0	21033-G7	Original	11/1/2007	0.00	0.50	0.080 U
Anniston Lead Site	Zone B	206148	21033-G8	1,152,145.9	659,811.2	21033-G8	Original	11/1/2007	0.00	0.50	0.050
Anniston Lead Site	Zone B	206148	21033-G9	1,152,110.5	659,648.4	21033-G9	Original	11/1/2007	0.00	0.50	0.12
Anniston Lead Site	Zone B	206303	20579-G1	1,149,076.8	659,758.9	20579-G1	Original	11/5/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206303	20579-G10	1,149,814.4	659,811.5	20579-G10	Original	11/5/2007	0.00	0.50	6.4
Anniston Lead Site	Zone B	206303	20579-G11	1,149,940.7	659,762.6	20579-G11	Original	11/5/2007	0.00	0.50	0.050
Anniston Lead Site	Zone B	206303	20579-G12	1,149,942.5	659,860.2	20579-G12	Original	11/5/2007	0.00	0.50	0.28
Anniston Lead Site	Zone B	206303	20579-G13	1,150,067.3	659,826.5	20579-G13	Original	11/5/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206303	20579-G14	1,150,146.2	659,762.7	20579-G14	Original	11/5/2007	0.00	0.50	0.090 U
Anniston Lead Site	Zone B	206303	20579-G15	1,150,144.6	659,859.4	20579-G15	Original	11/5/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206303	20579-G16	1,150,221.6	659,759.7	20579-G16	Original	11/5/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206303	20579-G17	1,150,221.6	659,859.0	20579-G17	Original	11/5/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206303	20579-G18	1,150,316.8	659,759.2	20579-G18	Original	11/5/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206303	20579-G19	1,150,316.6	659,858.5	20579-G19	Original	11/5/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206303	20579-G2	1,149,079.0	659,868.1	20579-G2	Original	11/5/2007	0.00	0.50	0.070 U

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Anniston Lead Site	Zone B	206303	20579-G20	1,150,428.6	659,758.8	20579-G20	Original	11/5/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206303	20579-G21	1,150,428.4	659,858.1	20579-G21	Original	11/5/2007	0.00	0.50	0.070
Anniston Lead Site	Zone B	206303	20579-G22	1,150,540.4	659,758.3	20579-G22	Original	11/5/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206303	20579-G23	1,150,540.1	659,857.5	20579-G23	Original	11/5/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206303	20579-G3	1,149,160.9	659,741.1	20579-G3	Original	11/5/2007	0.00	0.50	0.050
Anniston Lead Site	Zone B	206303	20579-G4	1,149,149.2	659,877.4	20579-G4	Original	11/5/2007	0.00	0.50	0.11
Anniston Lead Site	Zone B	206303	20579-G5	1,149,311.8	659,733.2	20579-G5	Original	11/5/2007	0.00	0.50	0.050
Anniston Lead Site	Zone B	206303	20579-G5	1,149,311.8	659,733.2	20579-G5	Field Duplicate	11/5/2007	0.00	0.50	0.10
Anniston Lead Site	Zone B	206303	20579-G6	1,149,483.1	659,732.1	20579-G6	Original	11/5/2007	0.00	0.50	0.050
Anniston Lead Site	Zone B	206303	20579-G7	1,149,669.1	659,736.3	20579-G7	Original	11/5/2007	0.00	0.50	0.050
Anniston Lead Site	Zone B	206303	20579-G8	1,149,768.1	659,754.3	20579-G8	Original	11/5/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206303	20579-G9	1,149,784.9	659,859.7	20579-G9	Original	11/5/2007	0.00	0.50	0.51
Anniston Lead Site	Zone B	206605	20717-G1	1,149,117.2	659,941.5	20717-G1	Original	11/6/2007	0.00	0.50	0.060
Anniston Lead Site	Zone B	206605	20717-G10	1,149,752.7	660,136.6	20717-G10	Original	11/6/2007	0.00	0.50	0.10
Anniston Lead Site	Zone B	206605	20717-G10	1,149,752.7	660,136.6	20717-G10	Field Duplicate	11/6/2007	0.00	0.50	0.13
Anniston Lead Site	Zone B	206605	20717-G11	1,149,801.2	660,250.9	20717-G11	Original	11/6/2007	0.00	0.50	0.18
Anniston Lead Site	Zone B	206605	20717-G12	1,149,818.0	660,329.8	20717-G12	Original	11/6/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206605	20717-G13	1,150,062.4	659,953.3	20717-G13	Original	11/6/2007	0.00	0.50	0.060
Anniston Lead Site	Zone B	206605	20717-G14	1,150,075.5	660,025.0	20717-G14	Original	11/6/2007	0.00	0.50	0.060
Anniston Lead Site	Zone B	206605	20717-G15	1,150,151.0	659,954.5	20717-G15	Original	11/6/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206605	20717-G16	1,150,154.9	660,045.1	20717-G16	Original	11/6/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206605	20717-G17	1,150,251.0	659,954.4	20717-G17	Original	11/6/2007	0.00	0.50	0.060
Anniston Lead Site	Zone B	206605	20717-G18	1,150,250.7	660,049.6	20717-G18	Original	11/6/2007	0.00	0.50	0.15
Anniston Lead Site	Zone B	206605	20717-G19	1,150,350.6	659,954.2	20717-G19	Original	11/6/2007	0.00	0.50	0.050
Anniston Lead Site	Zone B	206605	20717-G20	1,150,350.7	660,049.6	20717-G20	Original	11/6/2007	0.00	0.50	0.29
Anniston Lead Site	Zone B	206605	20717-G21	1,150,315.1	660,135.8	20717-G21	Original	11/6/2007	0.00	0.50	0.16
Anniston Lead Site	Zone B	206605	20717-G3	1,149,658.5	659,973.0	20717-G3	Original	11/6/2007	0.00	0.50	0.27
Anniston Lead Site	Zone B	206605	20717-G4	1,149,551.1	660,042.0	20717-G4	Original	11/6/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206605	20717-G43	1,150,417.8	660,253.3	20717-G43	Original	11/7/2007	0.00	0.50	0.060
Anniston Lead Site	Zone B	206605	20717-G44	1,150,399.4	660,444.0	20717-G44	Original	11/7/2007	0.00	0.50	0.070
Anniston Lead Site	Zone B	206605	20717-G45	1,150,150.4	660,367.7	20717-G45	Original	11/7/2007	0.00	0.50	0.12
Anniston Lead Site	Zone B	206605	20717-G46	1,150,236.8	660,431.5	20717-G46	Original	11/7/2007	0.00	0.50	0.050
Anniston Lead Site	Zone B	206605	20717-G47	1,150,335.4	660,484.9	20717-G47	Original	11/7/2007	0.00	0.50	0.58
Anniston Lead Site	Zone B	206605	20717-G48	1,150,303.6	660,541.8	20717-G48	Original	11/7/2007	0.00	0.50	1.7
Anniston Lead Site	Zone B	206605	20717-G49	1,150,123.9	660,451.5	20717-G49	Original	11/7/2007	0.00	0.50	0.12
Anniston Lead Site	Zone B	206605	20717-G5	1,149,651.6	660,035.4	20717-G5	Original	11/6/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206605	20717-G50	1,149,896.2	660,193.3	20717-G50	Original	11/7/2007	0.00	0.50	0.77
Anniston Lead Site	Zone B	206605	20717-G50	1,149,896.2	660,193.3	20717-G50	Field Duplicate	11/7/2007	0.00	0.50	0.73
Anniston Lead Site	Zone B	206605	20717-G51	1,150,033.5	660,369.0	20717-G51	Original	11/7/2007	0.00	0.50	0.090

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Anniston Lead Site	Zone B	206605	20717-G52	1,150,034.3	660,449.6	20717-G52	Original	11/7/2007	0.00	0.50	0.090 U
Anniston Lead Site	Zone B	206605	20717-G53	1,150,049.9	660,541.3	20717-G53	Original	11/7/2007	0.00	0.50	0.96
Anniston Lead Site	Zone B	206605	20717-G54	1,149,868.8	660,406.7	20717-G54	Original	11/7/2007	0.00	0.50	0.050
Anniston Lead Site	Zone B	206605	20717-G55	1,149,986.5	660,540.8	20717-G55	Original	11/7/2007	0.00	0.50	0.17
Anniston Lead Site	Zone B	206605	20717-G6	1,149,646.6	660,115.8	20717-G6	Original	11/6/2007	0.00	0.50	0.070 U
Anniston Lead Site	Zone B	206605	20717-G7	1,149,898.9	659,982.9	20717-G7	Original	11/6/2007	0.00	0.50	0.080
Anniston Lead Site	Zone B	206605	20717-G70	1,149,584.1	660,140.0	20717-G70	Original	8/1/2008	0.00	0.50	0.11 U
Anniston Lead Site	Zone B	206605	20717-G71	1,149,442.6	660,095.2	20717-G71	Original	8/1/2008	0.00	0.50	0.089 U
Anniston Lead Site	Zone B	206605	20717-G72	1,149,384.5	660,111.7	20717-G72	Original	8/1/2008	0.00	0.50	0.086 U
Anniston Lead Site	Zone B	206605	20717-G73	1,149,324.0	660,100.7	20717-G73	Original	8/1/2008	0.00	0.50	0.085 U
Anniston Lead Site	Zone B	206605	20717-G74	1,149,265.8	660,076.6	20717-G74	Original	8/1/2008	0.00	0.50	0.089 U
Anniston Lead Site	Zone B	206605	20717-G8	1,149,823.4	660,080.0	20717-G8	Original	11/6/2007	0.00	0.50	0.41
Anniston Lead Site	Zone B	206605	20717-G9	1,149,747.4	660,047.3	20717-G9	Original	11/6/2007	0.00	0.50	0.56
Anniston Lead Site	Zone B	214032	LG020B	1,133,611.4	647,758.5	LG020B	Original	2/1/2004	0.00	0.25	0.077 U
Anniston Lead Site	Zone B	214123	LI-142-A	1,134,433.9	649,457.3	LI-142-A	Original	6/3/2004	0.00	0.25	0.092 U
Anniston Lead Site	Zone B	214123	LI-142-AD	1,134,433.9	649,457.3	LI-142-AD	Original	6/3/2004	0.00	0.25	0.085 U
Anniston Lead Site	Zone B	214123	LI-142-B	1,134,433.9	649,457.3	LI-142-B	Original	6/3/2004	0.00	0.25	0.081 J
Anniston Lead Site	Zone B	214123	LI-142-BD	1,134,433.9	649,457.3	LI-142-BD	Original	6/3/2004	0.00	0.25	0.092 U
Anniston Lead Site	Zone B	214123	LI-142-C	1,134,433.9	649,457.3	LI-142-C	Original	6/3/2004	0.00	0.25	0 R
Anniston Lead Site	Zone B	214123	LI-142-CD	1,134,433.9	649,457.3	LI-142-CD	Original	6/3/2004	0.00	0.25	0.018 J
Anniston Lead Site	Zone B	216974	20717-G24	1,150,414.3	660,150.9	20717-G24	Original	11/6/2007	0.00	0.50	0.24
Miscellaneous Programs	Zone B	3107	LFSL80A	1,146,209.9	651,859.4	LFSL80A	Original	9/15/1995	0.00	0.25	1.8
Miscellaneous Programs	Zone B	3107	LFSL80B	1,146,209.7	651,873.3	LFSL80B	Original	9/15/1995	0.00	0.25	1.1 U
Residential Sampling	Zone B	4874	4874-C	1,143,120.7	647,905.3	4874-24C	Original	7/11/2007	1.00	2.00	0.74
Residential Sampling	Zone B	4874	4874-CS	1,143,120.7	647,905.3	4874-CS	Original	7/11/2007			5.0
Residential Sampling	Zone B	206605	206605-G75-LA-B	1,149,896.2	660,193.3	206605-G75-LA-3B	Original	8/14/2008	0.00	0.25	0.19 J
Residential Sampling	Zone B	206605	206605-G75-LA-B	1,149,896.2	660,193.3	206605-G75-LA-24B	Original	8/14/2008	1.00	2.00	0.079 U
Special Use Sampling	Zone B	30	19583-G1	1,151,468.2	653,682.9	19583-G1	Original	4/6/2007	0.00	0.50	0.51
Special Use Sampling	Zone B	30	19583-G3	1,151,538.2	653,789.3	19583-G3	Original	4/6/2007	0.00	0.50	0.18
Special Use Sampling	Zone B	207865	17930-G1	1,148,096.6	659,979.6	17930-G1	Original	1/2/2007	0.00	0.50	0.020
Special Use Sampling	Zone B	207865	17930-G2	1,148,082.3	660,034.4	17930-G2	Original	1/2/2007	0.00	0.50	0.040
Special Use Sampling	Zone B	207865	17930-G3	1,148,084.4	660,083.7	17930-G3	Original	1/2/2007	0.00	0.50	0.050
USEPA Programs	Zone B	42973	FC3-0057-A	1,159,105.7	657,913.6	FC3-0057-A	Original	5/8/2000	0.00	0.25	0.22 U
USEPA Programs	Zone B	42973	FC3-0057-B	1,159,204.0	658,107.7	FC3-0057-B	Original	5/8/2000	0.00	0.25	0.22 U
USEPA Programs	Zone B	42973	FC3-0057-C	1,158,573.7	657,738.6	FC3-0057-C	Original	5/8/2000	0.00	0.25	0.17 U
USEPA Programs	Zone B	42973	FC3-0057-D	1,158,795.5	657,719.6	FC3-0057-D	Original	5/8/2000	0.00	0.25	0.18 U
USEPA Programs	Zone B	42973	FC3-0058-A	1,159,246.7	658,404.4	FC3-0058-A	Original	5/8/2000	0.00	0.25	0.21 U
USEPA Programs	Zone B	42973	FC3-0058-B	1,159,159.9	658,510.9	FC3-0058-B	Original	5/8/2000	0.00	0.25	0.35 U
USEPA Programs	Zone B	42973	FC3-0058-C	1,158,767.6	658,054.2	FC3-0058-C	Original	5/8/2000	0.00	0.25	0.24 U

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
USEPA Programs	Zone B	42973	FC3-0058-D	1,158,789.1	658,540.8	FC3-0058-D	Original	5/8/2000	0.00	0.25	0.21 U
USEPA Programs	Zone B	42973	PA-056-A	1,159,226.2	658,476.1	PA-056-A	Original	2/15/2000	0.00	0.25	0.046 U
USEPA Programs	Zone B	42973	PA-056-B	1,159,183.4	658,144.3	PA-056-B	Original	2/15/2000	0.00	0.25	0.040 U
USEPA Programs	Zone B	42973	PA-057-A	1,159,112.3	657,940.8	PA-057-A	Original	2/15/2000	0.00	0.25	0.042 U
USEPA Programs	Zone B	42973	PA-057-B	1,158,755.7	658,039.0	PA-057-B	Original	2/15/2000	0.00	0.25	0.042 U
USEPA Programs	Zone B	47968	LD-84-A	1,152,863.9	653,477.9	LD-84-A	Original	8/1/2002	0.00	0.25	0.038 U
USEPA Programs	Zone B	47968	LD-84-B	1,152,951.4	653,470.2	LD-84-B	Original	8/1/2002	0.00	0.25	0.37
USEPA Programs	Zone B	49255	LG014A	1,135,250.2	654,056.8	LG014A	Original	2/1/2004	0.00	0.25	0.082 U
9th Street Ditch	Zone C	42793	W9_0845_OF1	1,150,312.8	650,875.6	W9SC0845OF1COMP	Original	10/29/2002	0.00	0.50	0.17
9th Street Ditch	Zone C	42798	W9_0631_LBSTA1	1,150,445.9	651,360.6	W9SC0631LBSTA1COMP	Original	10/28/2002	0.00	0.50	0.26
9th Street Ditch	Zone C	42798	W9_0631_RBSTA1	1,150,445.9	651,360.6	W9SC0631RBSTA1COMP	Original	10/28/2002	0.00	0.50	0.61
9th Street Ditch	Zone C	42799	W9_0631_LBSTA2	1,150,445.8	651,287.2	W9SC0631LBSTA2COMP	Original	10/28/2002	0.00	0.50	0.64
9th Street Ditch	Zone C	42799	W9_0631_RBSTA2	1,150,445.8	651,287.2	W9SC0631RBSTA2COMP	Original	10/28/2002	0.00	0.50	0.76
9th Street Ditch	Zone C	42800	W9_0845D1_LBSTA1	1,150,100.8	650,734.4	W9SC0845D1LBSTA1COMP	Original	10/29/2002	0.00	0.50	0.20
9th Street Ditch	Zone C	42801	W9_0845D1_RBSTA1	1,150,094.6	650,717.9	W9SC0845D1RBSTA1COMP	Original	10/29/2002	0.00	0.50	0.39
9th Street Ditch	Zone C	42803	W9_0845D2_LBSTA1	1,150,085.2	650,705.6	W9SC0845D2LBSTA1COMP	Original	10/29/2002	0.00	0.50	0.70
9th Street Ditch	Zone C	42805	W9_0845D2_RBSTA1	1,150,072.1	650,693.0	W9SC0845D2RBSTA1COMP	Original	10/29/2002	0.00	0.50	0.67
9th Street Ditch	Zone C	42807	W9_0845_LBSTA4	1,150,195.5	650,777.8	W9SC0845LBSTA4COMP	Original	10/28/2002	0.00	0.50	0.55
9th Street Ditch	Zone C	42807	W9_0845_RBSTA4	1,150,195.5	650,777.8	W9SC0845RBSTA4COMP	Original	10/28/2002	0.00	0.50	0.78
9th Street Ditch	Zone C	42809	W9_0845_LBSTA1	1,150,398.2	650,992.0	W9SC0845LBSTA1COMP	Original	10/28/2002	0.00	0.50	1.3
9th Street Ditch	Zone C	42809	W9_0845_RBSTA1	1,150,398.2	650,992.0	W9SC0845RBSTA1COMP	Original	10/28/2002	0.00	0.50	3.5
9th Street Ditch	Zone C	42811	W9_0845_LBSTA3	1,150,264.7	650,846.9	W9SC0845LBSTA3COMP	Original	10/28/2002	0.00	0.50	1.0
9th Street Ditch	Zone C	42811	W9_0845_RBSTA3	1,150,264.7	650,846.9	W9SC0845RBSTA3COMP	Original	10/28/2002	0.00	0.50	0.68
9th Street Ditch	Zone C	42812	W9_0845_LBSTA5	1,150,119.9	650,697.5	W9SC0845LBSTA5COMP	Original	10/29/2002	0.00	0.50	0.42
9th Street Ditch	Zone C	42812	W9_0845_RBSTA5	1,150,119.9	650,697.5	W9SC0845RBSTA5COMP	Original	10/29/2002	0.00	0.50	0.41
9th Street Ditch	Zone C	42818	W9_0845_OF2	1,150,071.7	650,650.1	W9SC0845OF2COMP	Original	10/29/2002	0.00	0.50	0.088 U
9th Street Ditch	Zone C	42824	W9_0845_LBSTA6	1,150,054.7	650,635.1	W9SC0845LBSTA6COMP	Original	10/29/2002	0.00	0.50	1.6
9th Street Ditch	Zone C	42824	W9_0845_RBSTA6	1,150,054.7	650,635.1	W9SC0845RBSTA6COMP	Original	10/29/2002	0.00	0.50	0.66
9th Street Ditch	Zone C	42826	W9_0845_LBSTA8	1,149,943.3	650,514.4	W9SC0845LBSTA8COMP	Original	10/29/2002	0.00	0.50	2.3
9th Street Ditch	Zone C	42826	W9_0845_RBSTA8	1,149,943.3	650,514.4	W9SC0845RBSTA8COMP	Original	10/29/2002	0.00	0.50	0.85
9th Street Ditch	Zone C	42830	W9_0845_LBSTA2	1,150,332.0	650,918.7	W9SC0845LBSTA2COMP	Original	10/28/2002	0.00	0.50	0.91
9th Street Ditch	Zone C	42830	W9_0845_RBSTA2	1,150,332.0	650,918.7	W9SC0845RBSTA2COMP	Original	10/28/2002	0.00	0.50	0.47
9th Street Ditch	Zone C	42835	W9_0845_LBSTA7	1,149,986.9	650,564.7	W9SC0845LBSTA7COMP	Original	10/29/2002	0.00	0.50	0.90
9th Street Ditch	Zone C	42835	W9_0845_RBSTA7	1,149,986.9	650,564.7	W9SC0845RBSTA7COMP	Original	10/29/2002	0.00	0.50	0.14
9th Street Ditch	Zone C	42840	W9_1189_LBSTA1	1,149,801.6	650,270.5	W9SC1189LBSTA1COMP	Original	10/30/2002	0.00	0.50	1.3
9th Street Ditch	Zone C	42840	W9_1189_RBSTA1	1,149,801.6	650,270.5	W9SC1189RBSTA1COMP	Original	10/30/2002	0.00	0.50	0.93
9th Street Ditch	Zone C	42889	W9_RR_LBSTA3	1,148,861.6	649,108.1	W9SCRRLBSTA3COMP	Original	10/30/2002	0.00	0.50	0.85
9th Street Ditch	Zone C	42889	W9_RR_RBSTA3	1,148,861.6	649,108.1	W9SCRRRBSTA3COMP	Original	10/30/2002	0.00	0.50	0.82
9th Street Ditch	Zone C	42896	W9_RR_LBSTA2	1,148,956.6	649,148.7	W9SCRRLBSTA2COMP	Original	10/30/2002	0.00	0.50	0.25

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
9th Street Ditch	Zone C	42896	W9_RR_RBSTA2	1,148,956.6	649,148.7	W9SCRRRBSTA2COMP	Original	10/30/2002	0.00	0.50	0.97
Miscellaneous Programs	Zone C	846	AWW-1	1,150,336.8	655,267.5	AWW-1	Original	2/20/2003	0.00	0.25	0.088
Miscellaneous Programs	Zone C	2771	H202-TB-A	1,146,729.3	653,907.5	H202-TB-3A	Original	1/8/2002	0.00	0.25	0.51
Miscellaneous Programs	Zone C	2771	H202-TB-A	1,146,729.3	653,907.5	H202-TB-6A	Original	1/8/2002	0.25	0.50	0.45
Miscellaneous Programs	Zone C	2771	H202-TB-B	1,146,729.3	653,907.5	H202-TB-3B	Original	1/8/2002	0.00	0.25	0.43
Miscellaneous Programs	Zone C	2771	H202-TB-B	1,146,729.3	653,907.5	H202-TB-6B	Original	1/8/2002	0.25	0.50	0.34
Miscellaneous Programs	Zone C	2771	H202-TB-C	1,146,729.3	653,907.5	H202-TB-3C	Original	1/8/2002	0.00	0.25	0.23
Miscellaneous Programs	Zone C	2771	H202-TB-C	1,146,729.3	653,907.5	H202-TB-6C	Original	1/8/2002	0.25	0.50	0.20
Miscellaneous Programs	Zone C	2771	H202-TB-D	1,146,729.3	653,907.5	H202-TB-3D	Original	1/8/2002	0.00	0.25	0.59
Miscellaneous Programs	Zone C	2771	H202-TB-D	1,146,729.3	653,907.5	H202-TB-6D	Original	1/8/2002	0.25	0.50	0.27
Miscellaneous Programs	Zone C	2943	BP-2	1,146,449.3	652,280.4	BP-2	Original	3/8/2001	0.00	0.50	8.9
Miscellaneous Programs	Zone C	2943	BP-5	1,146,471.9	652,500.9	BP-5	Original	3/8/2001	0.00	0.50	3.8
Miscellaneous Programs	Zone C	4217	4217-A	1,144,450.4	656,760.2	4217-3A	Original	11/15/2007	0.00	0.25	0.55
Miscellaneous Programs	Zone C	5727	5727-A	1,140,179.9	656,957.7	5727-3A	Original	8/24/2006	0.00	0.25	0.048
Miscellaneous Programs	Zone C	5727	5727-A	1,140,179.9	656,957.7	5727-3A-X	Field Duplicate	8/24/2006	0.00	0.25	0.039
Miscellaneous Programs	Zone C	5727	5727-B	1,140,179.9	656,957.7	5727-3B	Original	8/24/2006	0.00	0.25	0.074 U
Miscellaneous Programs	Zone C	5727	5727-C	1,140,179.9	656,957.7	5727-3C	Original	8/24/2006	0.00	0.25	0.041
Miscellaneous Programs	Zone C	9999	MDNSL14	1,145,190.0	648,722.8	MDNSL14	Original	5/12/1995	0.00	0.25	24
Residential Sampling	Zone C	3390	FC3-0037-A	1,145,778.1	646,728.9	FC3-0037-A	Original	5/5/2000	0.00	0.25	0.22 U
Residential Sampling	Zone C	3390	FC3-0037-B	1,145,777.9	646,766.7	FC3-0037-B	Original	5/5/2000	0.00	0.25	0.22 U
Residential Sampling	Zone C	3390	FC3-0037-C	1,145,778.8	647,025.4	FC3-0037-C	Original	5/5/2000	0.00	0.25	0.24 U
Residential Sampling	Zone C	3390	FC3-0037-D	1,145,770.5	647,104.0	FC3-0037-D	Original	5/5/2000	0.00	0.25	0.25 U
Residential Sampling	Zone C	3390	FC3-0037-E	1,145,622.1	647,051.8	FC3-0037-E	Original	5/5/2000	0.00	0.25	0.17 U
Residential Sampling	Zone C	3390	FC3-0037-F	1,145,402.9	647,030.8	FC3-0037-F	Original	5/5/2000	0.00	0.25	0.64
Residential Sampling	Zone C	3390	FC3-0037-G	1,145,500.7	647,107.0	FC3-0037-G	Original	5/5/2000	0.00	0.25	0.17 U
Residential Sampling	Zone C	3390	PCWASTE-14	1,145,662.9	647,126.3	PCWASTE-14	Original	5/5/2000	0.00	0.25	0.21 U
Residential Sampling	Zone C	3682	FC3-0042-B	1,145,255.8	647,253.4	FC3-0042-B	Original	5/6/2000	0.00	0.25	0.23 U
Residential Sampling	Zone C	3682	FC3-0042-C	1,145,288.2	647,265.6	FC3-0042-C	Original	5/6/2000	0.00	0.25	0.65 J
Residential Sampling	Zone C	4236	FC1-0035-A	1,144,466.2	646,231.9	FC1-0035-A	Original	5/8/2000	0.00	0.25	0.19 U
Special Use Sampling	Zone C	611	611-LA-B	1,150,790.5	652,612.9	611-LA-3B	Original	12/13/2007	0.00	0.25	0.081 U
Special Use Sampling	Zone C	723	723-LA-B	1,150,643.7	654,429.6	723-LA-3B	Original	3/25/2009	0.00	0.25	0.099 U
Special Use Sampling	Zone C	837	837-HA-A	1,150,475.8	651,785.1	837-HA-3A	Original	10/21/2008	0.00	0.25	0.18
Special Use Sampling	Zone C	837	837-LA-C	1,150,492.3	651,744.8	837-LA-3C	Original	10/21/2008	0.00	0.25	0.11
Special Use Sampling	Zone C	846	846-LA-B	1,150,376.7	655,187.0	846-LA-3B	Original	11/14/2007	0.00	0.25	0.074 U
Special Use Sampling	Zone C	846	846-LA-D	1,150,332.4	655,330.1	846-LA-3D	Original	11/14/2007	0.00	0.25	0.075 U
Special Use Sampling	Zone C	1067	1067-LA-B	1,150,005.1	650,129.7	1067-LA-3B	Original	1/31/2007	0.00	0.25	0.11
Special Use Sampling	Zone C	1067	1067-LA-C	1,150,091.5	650,100.1	1067-LA-3C	Original	1/31/2007	0.00	0.25	0.078 U
Special Use Sampling	Zone C	1173	1173-LA-B	1,149,869.2	654,966.9	1173-LA-3B	Original	11/28/2007	0.00	0.25	0.34
Special Use Sampling	Zone C	1173	1173-LA-C	1,149,718.8	655,032.7	1173-LA-3C	Original	11/29/2007	0.00	0.25	0.17

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
Special Use Sampling	Zone C	1173	1173-LA-C	1,149,718.8	655,032.7	1173-LA-3C-X	Field Duplicate	11/29/2007	0.00	0.25	0.22
Special Use Sampling	Zone C	1173	1173-LA-D	1,149,713.8	654,877.3	1173-LA-3D	Original	2/24/2010	0.00	0.25	0.087 U
Special Use Sampling	Zone C	1315	1315-LA-A	1,149,649.6	655,033.0	1315-LA-3A	Original	11/27/2007	0.00	0.25	0.083 U
Special Use Sampling	Zone C	2793	2793-LA-B	1,146,886.7	645,471.1	2793-LA-3B	Original	6/12/2007	0.00	0.25	0.074 U
Special Use Sampling	Zone C	2793	2793-LA-C	1,146,942.4	645,506.7	2793-LA-3C	Original	6/12/2007	0.00	0.25	0.15 U
Special Use Sampling	Zone C	4005	4005-LA-A	1,144,551.2	646,547.0	4005-LA-3A	Original	5/17/2007	0.00	0.25	1.1
Special Use Sampling	Zone C	4005	4005-LA-C	1,144,708.5	646,621.2	4005-LA-3C	Original	5/17/2007	0.00	0.25	0.16
Special Use Sampling	Zone C	4005	4005-LA-E	1,144,788.4	646,507.4	4005-LA-3E	Original	5/17/2007	0.00	0.25	0.14
Special Use Sampling	Zone C	4005	4005-LA-F	1,144,675.6	646,513.4	4005-LA-3F	Original	5/17/2007	0.00	0.25	0.20
Special Use Sampling	Zone C	4395	4395-LA-B	1,143,959.5	646,202.5	4395-LA-3B	Original	10/22/2008	0.00	0.25	0.11
Special Use Sampling	Zone C	4395	4395-LA-C	1,144,058.5	646,235.6	4395-LA-3C	Original	10/22/2008	0.00	0.25	0.15
Special Use Sampling	Zone C	4395	4395-LA-D	1,144,128.2	646,233.3	4395-LA-3D	Original	10/22/2008	0.00	0.25	0.14
Special Use Sampling	Zone C	4646	4646-LA-B	1,143,611.2	657,752.1	4646-LA-3B	Original	11/18/2008	0.00	0.25	0.11
Special Use Sampling	Zone C	5971	5971-LA-E	1,138,264.2	656,555.0	5971-LA-3E	Original	10/16/2007	0.00	0.25	0.071 U
Special Use Sampling	Zone C	5971	5971-LA-F	1,138,249.0	656,650.3	5971-LA-3F	Original	10/16/2007	0.00	0.25	0.071 U
Special Use Sampling	Zone C	5971	5971-LA-G	1,138,188.7	656,549.7	5971-LA-3G	Original	10/16/2007	0.00	0.25	0.072 U
Special Use Sampling	Zone C	5971	5971-LA-H	1,138,183.0	656,643.8	5971-LA-3H	Original	10/16/2007	0.00	0.25	0.071 U
Special Use Sampling	Zone C	5971	5971-LA-I	1,138,101.0	656,545.6	5971-LA-3I	Original	10/16/2007	0.00	0.25	0.035
Special Use Sampling	Zone C	5971	5971-LA-J	1,138,094.3	656,634.0	5971-LA-3J	Original	10/16/2007	0.00	0.25	0.070 U
Special Use Sampling	Zone C	8586	8586-LA-C	1,142,412.6	658,131.9	8586-LA-3C	Original	3/15/2007	0.00	0.25	0.075 U
Special Use Sampling	Zone C	8586	8586-LA-D	1,142,476.9	658,206.5	8586-LA-3D	Original	3/15/2007	0.00	0.25	0.078 U
Special Use Sampling	Zone C	8591	8591-LA-B	1,150,758.9	652,840.6	8591-LA-3B	Original	4/17/2007	0.00	0.25	0.15 U
USEPA Programs	Zone C	849	PA-068-A	1,150,197.0	655,522.7	PA-068-A	Original	2/15/2000	0.00	0.25	0.094
USEPA Programs	Zone C	849	PA-068-B	1,150,235.0	655,520.1	PA-068-B	Original	2/15/2000	0.00	0.25	0.058
USEPA Programs	Zone C	849	PB-015-02	1,149,250.4	655,842.9	PB-015-02	Original	3/22/2000	0.00	0.25	0.018 U
USEPA Programs	Zone C	849	PB-015-06	1,149,623.3	655,499.4	PB-015-06	Original	3/22/2000	0.00	0.25	1.8 U
USEPA Programs	Zone C	849	PB-015-60A	1,149,951.3	655,460.4	PB-015-60A	Original	3/27/2000	0.00	4.00	3.7 U
USEPA Programs	Zone C	849	PB-015-61A	1,149,268.5	655,502.6	PB-015-61A	Original	3/27/2000	0.00	4.00	4.0 U
USEPA Programs	Zone C	850	FE1-023-A	1,149,815.4	654,453.2	FE1-023-A	Original	7/31/2000	0.00	0.25	0.21 U
USEPA Programs	Zone C	850	FE1-023-B	1,149,889.4	654,147.3	FE1-023-B	Original	7/31/2000	0.00	0.25	0.21 U
USEPA Programs	Zone C	850	FE1-023-E	1,150,252.5	654,495.7	FE1-023-E	Original	7/31/2000	0.00	0.25	0.21 U
USEPA Programs	Zone C	850	FE1-023-F	1,150,405.6	654,319.3	FE1-023-F	Original	7/31/2000	0.00	0.25	0.49
USEPA Programs	Zone C	859	FE1-024-A	1,149,757.9	654,445.5	FE1-024-A	Original	7/31/2000	0.00	0.25	0.20 U
USEPA Programs	Zone C	859	FE1-024-B	1,149,699.3	654,144.0	FE1-024-B	Original	7/31/2000	0.00	0.25	0.22 U
USEPA Programs	Zone C	859	FE1-024-C	1,149,614.9	654,266.3	FE1-024-C	Original	7/31/2000	0.00	0.25	0.23 U
USEPA Programs	Zone C	859	FE1-024-D	1,149,546.1	653,857.0	FE1-024-D	Original	7/31/2000	0.00	0.25	0.24 U
USEPA Programs	Zone C	859	FE1-024-E	1,149,573.6	654,405.4	FE1-024-E	Original	7/31/2000	0.00	0.25	0.23 U
USEPA Programs	Zone C	859	FE1-025-A	1,149,725.8	653,860.5	FE1-025-A	Original	7/31/2000	0.00	0.25	0.23 U
USEPA Programs	Zone C	859	FE1-025-B	1,149,800.9	654,099.4	FE1-025-B	Original	7/31/2000	0.00	0.25	0.22 U

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
USEPA Programs	Zone C	859	FE1-025-C	1,149,902.9	653,858.0	FE1-025-C	Original	7/31/2000	0.00	0.25	0.21 U
USEPA Programs	Zone C	859	FE1-025-F	1,150,218.6	654,141.6	FE1-025-F	Original	7/31/2000	0.00	0.25	0.20 U
USEPA Programs	Zone C	859	FE1-025-G	1,150,281.5	653,846.6	FE1-025-G	Original	7/31/2000	0.00	0.25	0.22 U
USEPA Programs	Zone C	859	FE1-025-H	1,150,157.6	653,814.7	FE1-025-H	Original	7/31/2000	0.00	0.25	0.22 U
USEPA Programs	Zone C	859	FE1-025-J	1,150,407.0	653,606.9	FE1-025-J	Original	8/1/2000	0.00	0.25	0.21 U
USEPA Programs	Zone C	859	FE1-025-K	1,150,376.8	653,392.8	FE1-025-K	Original	8/1/2000	0.00	0.25	0.21 U
USEPA Programs	Zone C	859	FE1-025-L	1,150,069.2	653,452.3	FE1-025-L	Original	8/1/2000	0.00	0.25	0.21 U
USEPA Programs	Zone C	859	FE1-025-M	1,150,043.8	653,635.4	FE1-025-M	Original	8/1/2000	0.00	0.25	0.23 U
USEPA Programs	Zone C	1194	FC4-0033-A	1,149,516.6	649,604.7	FC4-0033-A	Original	5/5/2000	0.00	0.25	0.17 U
USEPA Programs	Zone C	1194	FC4-0033-D	1,149,920.9	649,853.1	FC4-0033-D	Original	5/5/2000	0.00	0.25	0.17 U
USEPA Programs	Zone C	1276	FC2-0012-B	1,149,796.6	650,280.1	FC2-0012-B	Original	4/28/2000	0.00	0.25	0.98
USEPA Programs	Zone C	2509	HV-SD-01	1,147,262.3	647,636.2	HV-SD-01	Original		0.00	0.25	0.48
USEPA Programs	Zone C	2509	PB-006-60	1,147,237.8	647,730.3	PB-006-60	Original	3/27/2000	0.00	4.00	1.9 U
USEPA Programs	Zone C	2509	PB-006A-02B	1,147,181.9	647,619.6	PB-006A-02B	Original	3/22/2000	0.00	0.25	0.019 U
USEPA Programs	Zone C	3024	PB-006-61	1,146,215.8	646,747.7	PB-006-61	Original	3/27/2000	0.00	4.00	0.41 U
USEPA Programs	Zone C	3024	PB-006B-01A	1,146,440.5	647,352.4	PB-006B-01A	Original	3/22/2000	0.00	0.25	14
USEPA Programs	Zone C	3024	PB-006B-02B	1,146,489.4	647,170.5	PB-006B-02B	Original	3/22/2000	0.00	0.25	0.40
USEPA Programs	Zone C	3391	GP-TP1-A	1,145,539.6	647,076.1	GP-TP1-A	Original	8/2/2000	0.00	0.25	0.19 U
USEPA Programs	Zone C	3391	GP-TP1-C	1,145,539.6	647,076.1	GP-TP1-C	Original	8/2/2000	0.00	0.25	200
USEPA Programs	Zone C	3391	GP-TP1-D	1,145,539.6	647,076.1	GP-TP1-D	Original	8/2/2000	0.00	0.25	690
USEPA Programs	Zone C	3391	GP-TP2-A	1,145,482.8	647,047.1	GP-TP2-A	Original	8/2/2000	0.00	0.25	0.20 U
USEPA Programs	Zone C	3391	GP-TP2-C	1,145,482.8	647,047.1	GP-TP2-C	Original	8/2/2000	0.00	0.25	0.22 U
USEPA Programs	Zone C	3391	GP-TP3-A	1,145,641.1	647,054.8	GP-TP3-A	Original	8/2/2000	0.00	0.25	0.19 U
USEPA Programs	Zone C	3391	GP-TP3-B	1,145,641.1	647,054.8	GP-TP3-B	Original	8/2/2000	0.00	0.25	0.20 U
USEPA Programs	Zone C	3391	GP-TP3-C	1,145,641.1	647,054.8	GP-TP3-C	Original	8/2/2000	0.00	0.25	0.19 U
USEPA Programs	Zone C	3391	PC-068-A	1,145,416.4	647,213.5	PC-068-A	Original	4/27/2000	0.00	0.25	0.032
USEPA Programs	Zone C	3391	PC-068-B	1,145,345.3	647,219.9	PC-068-B	Original	4/27/2000	0.00	0.25	0.32
USEPA Programs	Zone C	3391	PCWaste-009	1,145,225.8	647,009.6	PCWaste-009	Original	4/27/2000	0.00	0.25	0.32
USEPA Programs	Zone C	43136	PA-124-A	1,149,986.2	650,521.3	PA-124-A	Original	2/17/2000	0.00	0.25	0.39
USEPA Programs	Zone C	43136	PA-124-B	1,150,021.9	650,659.3	PA-124-B	Original	2/17/2000	0.00	0.25	1.9
USEPA Programs	Zone C	43149	PCWaste-003-A	1,149,797.7	650,291.7	PCWaste-003-A	Original	4/25/2000	0.00	0.25	0.026 J
USEPA Programs	Zone C	43163	PB-RR-13	1,146,407.0	647,359.5	PB-RR-13	Original	3/25/2000	0.00	0.25	3.0 U
USEPA Programs	Zone C	43163	PECON-013	1,146,408.0	647,358.7	PECON-013	Original	7/26/2000	0.00	0.25	20
USEPA Programs	Zone C	43170	PB-024-11	1,148,470.2	652,976.8	PB-024-11	Original	3/22/2000	0.00	0.25	0.85
11th Street Ditch	Zone D	2730	NRD-1	1,146,828.8	648,172.3	NRD-1	Original	4/26/2000	0.00	0.50	0 U
11th Street Ditch	Zone D	2730	NRD-2	1,146,869.8	648,245.6	NRD-2	Original	4/26/2000	0.00	0.50	0 U
11th Street Ditch	Zone D	2730	NRD-3	1,146,919.3	648,332.9	NRD-3	Original	4/26/2000	0.00	0.50	0 U
11th Street Ditch	Zone D	2730	NRD-4	1,146,967.8	648,421.1	NRD-4	Original	4/26/2000	0.00	0.50	0 U
11th Street Ditch	Zone D	2730	NRD-5	1,147,013.8	648,509.2	NRD-5	Original	4/26/2000	0.00	0.50	0 U

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
11th Street Ditch	Zone D	2730	SED-A2	1,146,864.9	648,234.4	SED-A2	Original	3/19/1995	0.00	0.25	100
9th Street Ditch	Zone D	42891	W9_RR_LBSTA5	1,148,675.2	649,026.4	W9SCRRLBSTA5COMP	Original	10/31/2002	0.00	0.50	0.24
9th Street Ditch	Zone D	42891	W9_RR_RBSTA5	1,148,675.2	649,026.4	W9SCRRRBSTA5COMP	Original	10/31/2002	0.00	0.50	0.44
9th Street Ditch	Zone D	42900	W9_RR_LBSTA6	1,148,605.0	648,991.9	W9SCRRLBSTA6COMP	Original	10/31/2002	0.00	0.50	0.37
9th Street Ditch	Zone D	42900	W9_RR_RBSTA6	1,148,605.0	648,991.9	W9SCRRRBSTA6COMP	Original	10/31/2002	0.00	0.50	0.29
9th Street Ditch	Zone D	42917	W9_RR_LBSTA4	1,148,768.8	649,069.4	W9SCRRLBSTA4COMP	Original	10/30/2002	0.00	0.50	0.30
9th Street Ditch	Zone D	42917	W9_RR_RBSTA4	1,148,768.8	649,069.4	W9SCRRRBSTA4COMP	Original	10/30/2002	0.00	0.50	0.83
Miscellaneous Programs	Zone D	2730	AA4N-1	1,146,457.0	648,293.0	AA4N-1 (0-1)	Original	11/1/1994	0.00	1.00	0 U
Miscellaneous Programs	Zone D	2730	AA4N-1	1,146,457.0	648,293.0	AA4N-1 (1-2)	Original	11/1/1994	1.00	2.00	0 U
Miscellaneous Programs	Zone D	2730	AA4N-10	1,146,591.0	648,638.0	AA4N-10 (0-1)	Original	11/1/1994	0.00	1.00	2.1
Miscellaneous Programs	Zone D	2730	AA4N-10	1,146,591.0	648,638.0	AA4N-10 (1-2)	Original	11/1/1994	1.00	2.00	0 U
Miscellaneous Programs	Zone D	2730	AA4N-2	1,146,457.0	648,416.0	AA4N-2 (0-1)	Original	11/1/1994	0.00	1.00	0 U
Miscellaneous Programs	Zone D	2730	AA4N-2	1,146,457.0	648,416.0	AA4N-2 (1-2)	Original	11/1/1994	1.00	2.00	0 U
Miscellaneous Programs	Zone D	2730	AA4N-3	1,146,457.0	648,557.0	AA4N-3 (0-1)	Original	11/1/1994	0.00	1.00	4.8
Miscellaneous Programs	Zone D	2730	AA4N-3	1,146,457.0	648,557.0	AA4N-3 (1-2)	Original	11/1/1994	1.00	2.00	0 U
Miscellaneous Programs	Zone D	2730	AA4N-4	1,146,457.0	648,698.0	AA4N-4 (0-1)	Original	11/1/1994	0.00	1.00	8.6
Miscellaneous Programs	Zone D	2730	AA4N-4	1,146,457.0	648,698.0	AA4N-4 (1-2)	Original	11/1/1994	1.00	2.00	0 U
Miscellaneous Programs	Zone D	2730	AA4N-5	1,146,499.0	648,392.0	AA4N-5 (0-1)	Original	11/1/1994	0.00	1.00	0 U
Miscellaneous Programs	Zone D	2730	AA4N-5	1,146,499.0	648,392.0	AA4N-5 (1-2)	Original	11/1/1994	1.00	2.00	0 U
Miscellaneous Programs	Zone D	2730	AA4N-6	1,146,533.0	648,442.0	AA4N-6 (0-1)	Original	11/1/1994	0.00	1.00	0 U
Miscellaneous Programs	Zone D	2730	AA4N-6	1,146,533.0	648,442.0	AA4N-6 (1-2)	Original	11/1/1994	1.00	2.00	4.9
Miscellaneous Programs	Zone D	2730	AA4N-7	1,146,499.0	648,494.0	AA4N-7 (0-1)	Original	11/1/1994	0.00	1.00	0 U
Miscellaneous Programs	Zone D	2730	AA4N-7	1,146,499.0	648,494.0	AA4N-7 (1-2)	Original	11/1/1994	1.00	2.00	0 U
Miscellaneous Programs	Zone D	2730	AA4N-8	1,146,550.0	648,581.0	AA4N-8 (0-1)	Original	11/1/1994	0.00	1.00	0 U
Miscellaneous Programs	Zone D	2730	AA4N-8	1,146,550.0	648,581.0	AA4N-8 (1-2)	Original	11/1/1994	1.00	2.00	0 U
Miscellaneous Programs	Zone D	2730	AA4N-9	1,146,518.0	648,638.0	AA4N-9 (0-1)	Original	11/1/1994	0.00	1.00	0 U
Miscellaneous Programs	Zone D	2730	AA4N-9	1,146,518.0	648,638.0	AA4N-9 (1-2)	Original	11/1/1994	1.00	2.00	0 U
Miscellaneous Programs	Zone D	3198	H202-TA-A	1,146,051.3	651,780.2	H202-TA-3A	Original	1/8/2002	0.00	0.25	2.8 J
Miscellaneous Programs	Zone D	3198	H202-TA-A	1,146,051.3	651,780.2	H202-TA-6A	Original	1/8/2002	0.25	0.50	0.71 J
Miscellaneous Programs	Zone D	3198	LFSL32	1,146,303.0	651,834.2	LFSL32	Original	6/27/1995	0.00	0.25	27
Miscellaneous Programs	Zone D	3198	LFSL70A	1,146,282.3	651,799.9	LFSL70A	Original	8/3/1995	0.00	0.25	27
Miscellaneous Programs	Zone D	3198	LFSL70B	1,146,282.3	651,814.2	LFSL70B	Original	8/3/1995	0.00	0.25	54
Miscellaneous Programs	Zone D	3224	LFSL101	1,146,080.4	651,679.3	LFSL101	Original	3/13/1996	0.00	0.25	27
Miscellaneous Programs	Zone D	3224	LFSL23	1,146,219.5	651,668.6	LFSL23	Original	5/2/1995	0.00	0.25	180
Miscellaneous Programs	Zone D	3224	LFSL88A	1,146,187.9	651,696.2	LFSL88A	Original	9/15/1995	0.00	0.25	1.1 U
Miscellaneous Programs	Zone D	9999	MDNSL05	1,146,071.3	650,968.5	MDNSL05	Original	5/12/1995	0.00	0.25	57
Miscellaneous Programs	Zone D	9999	SED-A01	1,146,489.3	647,555.9	SED-A1	Original	3/19/1995	0.00	0.25	1.2 U
Miscellaneous Programs	Zone D	9999	SED-B1	1,146,734.2	647,929.7	SED-B1	Original	3/19/1995	0.00	0.25	1.5 U
USEPA Programs	Zone D	2231	PB-013-01	1,147,605.9	648,116.1	PB-013-01	Original	3/21/2000	0.00	4.00	0.020 U

Table 4-1. OU-1/OU-2 Nonresidential Soil PCB Data
Anniston PCB Site, Anniston, Alabama

Dataset	EU/Area	Parcel ID	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (feet)	Depth Bottom (feet)	Total PCB (mg/kg)
USEPA Programs	Zone D	2231	PB-013-02	1,146,957.3	647,883.0	PB-013-02	Original	3/21/2000	4.00	6.00	0.20 U
USEPA Programs	Zone D	2231	PB-013-04	1,146,916.6	647,809.6	PB-013-04	Original	3/21/2000	0.00	2.00	0.020 U
USEPA Programs	Zone D	2231	PB-013-07	1,146,894.7	647,918.9	PB-013-07	Original	3/21/2000	4.00	6.00	0.20 U
USEPA Programs	Zone D	2231	PB-013-12	1,147,312.3	648,069.0	PB-013-12	Original	3/21/2000	0.00	0.25	0.20
USEPA Programs	Zone D	2231	PB-013-15	1,147,424.3	647,740.0	PB-013-15	Original	3/22/2000	0.00	0.25	0.18
USEPA Programs	Zone D	2231	PB-013-60	1,147,645.9	647,837.4	PB-013-60	Original	3/27/2000	0.00	4.00	5.0
USEPA Programs	Zone D	2231	PB-013-61	1,147,672.0	647,884.7	PB-013-61	Original	3/27/2000	0.00	4.00	1.8 U
USEPA Programs	Zone D	2231	PB-013-62	1,147,672.0	647,884.7	PB-013-62	Original	3/27/2000	0.00	4.00	5.5
USEPA Programs	Zone D	2231	PB-013-63	1,147,688.7	647,960.8	PB-013-63	Original	3/27/2000	0.00	0.25	20 U
USEPA Programs	Zone D	2231	PB-013-64	1,147,688.7	647,960.8	PB-013-64	Original	3/27/2000	4.00	8.00	2.2 U
USEPA Programs	Zone D	2231	PB-013-65	1,147,695.1	648,011.4	PB-013-65	Original	3/27/2000	0.00	4.00	2.9
USEPA Programs	Zone D	2419	FC1-0011-F	1,147,713.7	648,050.6	FC1-0011-F	Original	4/29/2000	0.00	0.25	0.38 U
USEPA Programs	Zone D	2419	PECON-003	1,147,712.3	647,913.8	PECON-003	Original	7/25/2000	0.00	0.25	8.9
USEPA Programs	Zone D	2419	PECON-004	1,147,718.4	647,912.3	PECON-004	Original	7/25/2000	0.00	0.25	9.4
USEPA Programs	Zone D	2730	PB-AP-21	1,146,643.4	648,691.3	PB-AP-21	Original	3/27/2000	0.00	0.25	180 U
USEPA Programs	Zone D	2730	PB-AP-28	1,146,797.0	648,170.1	PB-AP-28	Original	3/27/2000	0.00	0.25	2.2 U
USEPA Programs	Zone D	2730	PB-AP-42	1,146,652.1	648,724.1	PB-AP-42	Original	3/27/2000	0.00	0.25	21

Notes:

U: The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J: The compound was positively identified; however, the associated numerical value is an estimated concentration only.

UJ: The compound was analyzed for but not detected. The associated value is the estimated compound quantitation limit.

--: not applicable

APCO: Alabama Power Company

CSSMA: central staging and soil management area

dup: duplicate

ES: eastside

EU: exposure unit

ft: foot

FSP: field sampling program

ID: identification

mg/kg: milligrams per kilogram

NS: northside

OU: operable unit

QC: quality control

PCB: polychlorinated biphenyl

USEPA: United States Environmental Protection Agency

Table 4-2. Nonresidential Soil PCB Data
OU-1/OU-2 Groundwater Investigations
Anniston PCB Site Anniston, Alabama

Parameter	Unit	T-08 4-6' 3/24/2008	T-08 6-8' 3/24/2008	T-08 8-10' 3/24/2008	T-08 10-12' 3/28/2008	T-09 4-6' 3/25/2008	T-09 6-8' 3/25/2008	T-09 8-10' 3/25/2008	T-10 4-6' 3/25/2008	T-10 6-8' 3/25/2008	T-10 8-10' 3/25/2008	T-10 10-12' 3/25/2008	T-10 12-14' 3/25/2008	T-11 4-6' 3/26/2008	T-11 6-8' 3/26/2008	T-11N10 0-1' 11/28/2012	T-11N10 1-2' 11/28/2012	T-11N10 2-3' 11/28/2012	T-11N10 3-4' 11/28/2012
PCB-1016	mg/kg	<80	<8.3	<0.038	<0.2	<0.071	<0.038	<0.085	<0.041	<0.041	<0.04	<0.038	<0.039	<0.041	<0.19	<42	<43	<0.45	<0.45
PCB-1221	mg/kg	<160	<17	<0.077	<0.41	<0.14	<0.076	<0.17	<0.084	<0.083	<0.081	<0.077	<0.079	<0.082	<0.39	<42	<43	<0.45	<0.45
PCB-1232	mg/kg	<80	<8.3	<0.038	<0.2	<0.071	<0.038	<0.085	<0.041	<0.041	<0.04	<0.038	<0.039	<0.041	<0.19	<42	<43	<0.45	<0.45
PCB-1242	mg/kg	<80	<8.3	<0.038	<0.2	<0.071	<0.038	<0.085	<0.041	<0.041	<0.04	<0.038	<0.039	<0.041	<0.19	<42	<43	<0.45	<0.45
PCB-1248	mg/kg	25 J	6.5 J	<0.038	0.41 J	<0.071	<0.038	<0.085	<0.041	<0.041	<0.04	<0.038	<0.039	<0.041	<0.19	<42	<43	<0.45	<0.45
PCB-1254	mg/kg	150	50 J	<0.038	0.48 J	0.047 J	<0.038	0.037 J	<0.041	<0.041	<0.04	<0.038	<0.039	0.058 J	1.9 J	300	200	4 J	4.4 J
PCB-1260	mg/kg	260	59 J	<0.038	0.48 J	<0.071	0.01 J	<0.085	<0.041	<0.041	<0.04	<0.038	<0.039	0.022 J	1.1 J	150	110	2.2 J	2.1 J
PCB-1268	mg/kg	330	140 J	<0.038	2 J	0.24 J	0.021 J	1.8	<0.041	<0.041	<0.04	<0.038	<0.039	<0.041	<0.19	47	<43 J	1.6 J	0.76 J
Total PCBs by Aroclor	**mg/kg**	**765 J**	**256 J**	**<0.077**	**3.37 J**	**0.287 J**	**0.031 J**	**1.837 J**	**<0.084**	**<0.083**	**<0.081**	**<0.077**	**<0.079**	**0.08 J**	**3.0 J**	**497**	**310 J**	**7.8 J**	**7.26 J**
Monochlorobiphenyl	mg/kg	<0.36	<3.8	<0.0035	<0.036	<0.0033	<0.0034	<0.0039	<0.0037	<0.0037	<0.0036	<0.0035	<0.0035	<0.0037	<0.0035	<0.81	<0.56	<0.0087	<0.012
Dichlorobiphenyl	mg/kg	0.4	<3.8	<0.0035	<0.036	0.00033 J	<0.0034	0.00063 J	<0.0037	<0.0037	<0.0036	<0.0035	<0.0035	<0.0037	<0.0035	<2	<1.4	0.036	<0.029
Trichlorobiphenyl	mg/kg	0.73	<3.8	<0.0035	<0.036	<0.0033	<0.0034	0.00094 J	<0.0037	<0.0037	<0.0036	<0.0035	<0.0035	<0.0037	0.001 J	11	4.6	0.2	0.1
Tetrachlorobiphenyl	mg/kg	4.4	0.75 J	<0.0035	0.0068 J	0.0014 J	<0.0034	0.011	<0.0037	<0.0037	<0.0036	<0.0035	<0.0035	0.0097	0.058	170	84	1.2	1.5
Pentachlorobiphenyl	mg/kg	19	5.1	<0.0035	<0.036	0.01 J	<0.0034	0.012	<0.0037	<0.0037	<0.0036	<0.0035	<0.0035	0.014	0.086	240	140	2.2	2.3
Hexachlorobiphenyl	mg/kg	20	8.1	<0.0035	<0.036	0.0097 J	<0.0034	0.0052	<0.0037	<0.0037	<0.0036	<0.0035	<0.0035	0.006	0.048	140	90	1.6	1.4
Heptachlorobiphenyl	mg/kg	15	4.5	<0.0035	<0.036	0.0052 J	<0.0034	0.0017 J	<0.0037	<0.0037	<0.0036	<0.0035	<0.0035	0.0013 J	0.023	60	40	0.74	0.59
Octacholobiphenyl	mg/kg	20	26	0.0021 J	0.045	0.028 J	<0.0034	0.065	<0.0037	<0.0037	<0.0036	<0.0035	<0.0035	<0.0037	0.0044	20	14	0.43	0.23
Nonachlorobiphenyl	mg/kg	150	310	0.034	0.92	0.14	0.0076	1	<0.0037	<0.0037	<0.0036	<0.0035	<0.0035	<0.0037	0.0074	6.6	6.2	0.59	0.12
DCB Decachlorobiphenyl	mg/kg	90	220	0.023	0.68	0.25 J	0.0073	0.79	<0.0037	<0.0037	<0.0036	0.0053	0.0038	0.0026 J	0.002 J	2.7	2.7	0.45	0.052
Total PCBs by Homolog	**mg/kg**	**320**	**574 J**	**0.0591 J**	**1.652 J**	**0.445 J**	**0.0149**	**1.887 J**	**<0.0037**	**<0.0037**	**<0.0036**	**0.0053**	**0.0038**	**0.0336 J**	**0.23 J**	**650**	**380**	**7.4**	**6.3**

Table 4-2. Nonresidential Soil PCB Data
OU-1/OU-2 Groundwater Investigations
Anniston PCB Site Anniston, Alabama

Parameter	Unit	T-11E10 0-1' 11/28/2012	T-11E10 1-2' 11/28/2012	T-11E10 2-3' 11/28/2012	T-11E10 3-4' 11/28/2012	T-11S10 0-1' 11/28/2012	T-11S10 1-2' 11/28/2012	T-11S10 2-3' 11/28/2012	T-11S10 3-4' 11/28/2012	T-11W10 0-1' 11/28/2012	T-11W10 1-2' 11/28/2012	T-11W10 2-3' 11/28/2012	T-11W10 3-4' 11/28/2012	T-12 4-6' 3/24/2008	T-12 6-8' 3/24/2008	T-12 8-10' 3/24/2008	T-12 10-12' 3/24/2008	T-13 0-1' 7/8/2010
PCB-1016	mg/kg	<41	<41	<0.85	<0.22	<42	<8.3	<1.2	<2	<39	<200	<20	<8.6	<0.039	<0.039	<0.038	<0.079	<0.75
PCB-1221	mg/kg	<41	<41	<0.85	<0.22	<42	<8.3	<1.2	<2	<39	<200	<20	<8.6	<0.079	<0.079	<0.078	<0.16	<1.5
PCB-1232	mg/kg	<41	<41	<0.85	<0.22	<42	<8.3	<1.2	<2	<39	<200	<20	<8.6	<0.039	<0.039	<0.038	<0.079	<0.75
PCB-1242	mg/kg	<41	<41	<0.85 J	<0.22 J	<42	<8.3	<1.2 J	<2	<39	<200	<20	<8.6	<0.039	<0.039	<0.038	<0.079	<0.75
PCB-1248	mg/kg	<41	<41	<0.85	<0.22	<42	<8.3	<1.2	<2	<39	<200	<20	<8.6	<0.039	<0.039	<0.038	<0.079	3.3
PCB-1254	mg/kg	230	170	4.1 J	1.5 J	290	61	11 J	18	240	1100	200	72	0.220 J	<0.039	<0.038	0.31 J	20
PCB-1260	mg/kg	110	87	2.4	0.88 J	120	36	5.6 J	8.5	110	390	71	26	0.120 J	<0.039	<0.038	0.23 J	4.8
PCB-1268	mg/kg	<41 J	<41 J	1.9 J	0.48 J	<42 J	14	3.5	2.7	<39 J	<200 J	24	<8.6	0.250 J	<0.039	<0.038	0.25 J	<0.75
Total PCBs by Aroclor	**mg/kg**	**340 J**	**257 J**	**8.4 J**	**2.86 J**	**410 J**	**111**	**20.1 J**	**29.2**	**350 J**	**1490 J**	**295**	**98**	**0.590 J**	**<0.079**	**<0.078**	**0.79 J**	**28.1**
Monochlorobiphenyl	mg/kg	<0.65	<0.32	<0.0084	<0.0024	<0.55	<0.065	<0.023	<0.04	<0.51	<1.6	<0.16	<0.068	<0.0036	<0.0035	<0.0035	<0.0036	<0.34
Dichlorobiphenyl	mg/kg	<1.6	0.81	0.036	0.011	<1.4	0.45	0.073	<0.1	1.3	<3.9	<0.4	<0.17	<0.0036	<0.0035	<0.0035	<0.0036	<0.34
Trichlorobiphenyl	mg/kg	6.9	6.2	0.17	0.053	5.2 J	2.6	0.33	0.32	7.4	31	5.9	2.5	<0.0036	<0.0035	<0.0035	<0.0036	0.59
Tetrachlorobiphenyl	mg/kg	100	82	1	0.41	100	21	3.1	5.4	130	500	94	35	<0.0036	<0.0035	<0.0035	<0.0036	6.4
Pentachlorobiphenyl	mg/kg	140	110	2	0.71	200	38	6.3	11	180	710	130	48	0.0046	<0.0035	<0.0035	0.01	17
Hexachlorobiphenyl	mg/kg	83	65	1.4	0.5	130	29	4	7.1	110	330	68	24	0.004	<0.0035	<0.0035	0.01	5.9
Heptachlorobiphenyl	mg/kg	33	28	0.65	0.23	48	13	1.7	2.7	41	120	25	9.1	<0.0036	<0.0035	<0.0035	<0.0036	0.81
Octacholobiphenyl	mg/kg	12	9.7	0.43	0.12	16	5.2	0.94	0.95	14	45	9.2	3.2	0.0048	<0.0035	<0.0035	<0.0036	0.27 J
Nonachlorobiphenyl	mg/kg	3.9	3.8	0.67	0.12	5.7	3.1	1.3	0.43	4.8	18	3.4	1.1	0.026	0.0032 J	<0.0035	0.011	0.49
DCB Decachlorobiphenyl	mg/kg	1.1	1.5	0.53	0.085	1.8	1.7	0.94	0.18	1.3	4.7	0.88	0.23	0.032	0.0039	<0.0035	0.0075	<0.34
Total PCBs by Homolog	**mg/kg**	**380**	**310**	**6.9**	**2.2**	**510 J**	**110**	**19**	**28**	**490**	**1800**	**340**	**120**	**0.0714**	**0.0071 J**	**<0.0035**	**0.0385**	**31.5 J**

Table 4-2. Nonresidential Soil PCB Data
OU-1/OU-2 Groundwater Investigations
Anniston PCB Site Anniston, Alabama

Parameter	Unit	T-13 1-2' 7/8/2010	T-13 2-3' 7/8/2010	T-13 3-4' 7/8/2010	T-13 4-6' 8/17/2010	T-13 6-8' 8/17/2010	T-13 8-10' 8/17/2010	T-13 10-12' 8/17/2010	T-13 13-15' 8/17/2010	T-13 15-17' 8/21/2010	T-13 17-19' 8/21/2010	T-13 19-21' 8/21/2010	T-13 21-23' 8/21/2010	T-13 23-25' 8/21/2010	T-14 0-1' 7/7/2010	T-14 1-2' 7/7/2010	T-14 2-3' 7/7/2010	T-14 3-4' 7/7/2010	T-14 4-6' 8/16/2010	T-14 6-8' 8/16/2010
PCB-1016	mg/kg	<0.75	<0.75	<0.77	<1.9	<1.9	<2	<2	<0.22	<2.1	<0.17	<0.89	<0.18	<0.88	<0.37	<0.37	<0.35	<0.38	<0.082	<0.035
PCB-1221	mg/kg	<1.5	<1.5	<1.6	<3.8	<3.9	<4	<4	<0.44	<4.2	<0.36	<1.8	<0.36	<1.8	<0.74	<0.75	<0.71	<0.77	<0.17	<0.071
PCB-1232	mg/kg	<0.75	<0.75	<0.77	<1.9	<1.9	<2	<2	<0.22	<2.1	<0.17	<0.89	<0.18	<0.88	<0.37	<0.37	<0.35	<0.38	<0.082	<0.035
PCB-1242	mg/kg	<0.75	<0.75	<0.77	<1.9	<1.9	<2	<2	<0.22	28	0.52 J	9.2	<0.18	<0.88	<0.37	<0.37	<0.35	<0.38	<0.082	<0.035
PCB-1248	mg/kg	9.7 J	19	13	20 J	16 J	20 J	33 J	<0.22	<2.1	<0.17	<0.89	0.44 J	<0.88	1.7	1.9	0.98	0.73	0.63 J	0.079
PCB-1254	mg/kg	20	43	30	22	15	22	19	<0.22	40	0.34 J	12 J	0.44 J	2.3 J	7	7.4	5.3	3.5	1.5 J	0.13
PCB-1260	mg/kg	4.9	5.5	6.9	11	7	13	5.5 J	<0.22	3.9 J	0.12 J	3.4 J	<0.18	1.4 J	3.7	3.3	2.7	1.7	0.6 J	0.041
PCB-1268	mg/kg	<0.75	<0.75	<0.77	<1.9	<1.9	<2	<2	<0.22	<2.1	<0.17	<0.89	<0.18	<0.88	<0.37	<0.37	<0.35	<0.38	<0.082	<0.035
Total PCBs by Aroclor	**mg/kg**	**34.6 J**	**67.5**	**49.9**	**53 J**	**38 J**	**55 J**	**57.5 J**	**<0.44**	**71.9 J**	**0.98 J**	**24.6 J**	**0.88 J**	**3.7 J**	**12.4**	**12.6**	**9**	**5.9**	**2.7 J**	**0.25**
Monochlorobiphenyl	mg/kg	0.11 J	0.091 J	0.11 J	<1.7	<1.8	<1.8	<1.8	<0.0039	0.071 J	<0.08	0.0057	<0.0041	<0.004	<0.033	<0.034	<0.032	<0.035	<0.37	<0.0032
Dichlorobiphenyl	mg/kg	1.6	0.67	0.48	0.32 J	5.2	1.4	4.8	0.0034 J	1.2	0.19	0.01	0.0025 J	0.012	0.0066 J	<0.034	<0.032	<0.035	<0.37	0.0036
Trichlorobiphenyl	mg/kg	7	4	3	7	24	<1.8	14	0.0023 J	3.2	0.61	0.039	0.0097	0.078	0.18 J	0.11	0.06	0.041	<0.37	0.0063
Tetrachlorobiphenyl	mg/kg	3.4	1.9	1.6	14	36	11	15	0.013	4.9	0.77	0.059	0.014	0.1	2.5	1.7	0.98	0.79	<0.37	0.036
Pentachlorobiphenyl	mg/kg	25	13	15	11	15	7.7	0.56 J	0.0073	5.6	0.7	0.068	0.013	0.073	4.2	2.9	1.6	1.4	0.14 J	0.049
Hexachlorobiphenyl	mg/kg	12	4.8	6.3	3.8	5.3	3.6	3	0.0039	2.4	0.26	0.039	0.0049	0.047	2.2	1.5	0.85	0.84	0.11 J	0.028
Heptachlorobiphenyl	mg/kg	1.7	0.75	1.0	1.1 J	1.2 J	3.7	1.1 J	0.0019 J	0.41 J	0.027 J	0.012	0.00074 J	0.011	0.7	0.49	0.25	0.28	<0.37	0.0093
Octacholobiphenyl	mg/kg	0.38	0.21 J	0.23 J	<1.7	<1.8	1.8	<1.8	<0.0039	<0.38	<0.08	<0.0041	<0.0041	<0.004	0.31	0.19	0.1	0.11	<0.37	<0.0032
Nonachlorobiphenyl	mg/kg	0.22 J	<0.35	<0.35	<1.7	<1.8	<1.8	<1.8	<0.0039	<0.38	<0.08	<0.0041	<0.0041	<0.004	0.86	0.43	0.33	0.12	<0.37	<0.0032
DCB Decachlorobiphenyl	mg/kg	<0.35	<0.35	<0.35	<1.7	<1.8	<1.8	<1.8	0.005	<0.38	<0.08	<0.0041	<0.0041	<0.004	0.33	0.19	<0.032	0.11	<0.37	<0.0032
Total PCBs by Homolog	**mg/kg**	**51.4 J**	**25.4 J**	**27.7 J**	**37.2 J**	**86.7 J**	**29.2**	**38.5 J**	**0.037 J**	**17.8 J**	**2.6 J**	**0.23**	**0.045 J**	**0.3**	**11.3 J**	**7.5**	**4.2**	**3.7**	**0.25 J**	**0.132**

Table 4-2. Nonresidential Soil PCB Data
OU-1/OU-2 Groundwater Investigations
Anniston PCB Site Anniston, Alabama

Parameter	Unit	T-15 0-1' 7/8/2010	T-15 1-2' 7/8/2010	T-15 2-3' 7/8/2010	T-15 3-4' 7/8/2010	T-15 4-6' 8/16/2010	T-15 6-8' 8/16/2010	T-15 8-10' 8/16/2010	T-15 10-12' 8/16/2010	T-16 1-2' 1/10/2012	T-16 2-3' 1/10/2012	T-16 3-4' 1/10/2012	T-16 4-5' 1/10/2012	T-16 5-6' 1/30/2012	T-16 6-7' 1/30/2012	T-16 7-8' 1/30/2012	T-17 0-1' 1/10/2012	T-17 1-2' 1/10/2012	T-17 2-3' 1/10/2012	T-17 3-4' 1/10/2012
PCB-1016	mg/kg	<0.35	<0.36	<0.18	<0.19	<0.037	<0.035	<0.035	<0.037	<19	<9.7	<9.5	<9.5	<1.3	<0.21	<0.21	<9.9	<41	<20	<4.1
PCB-1221	mg/kg	<0.72	<0.73	<0.36	<0.38	<0.075	<0.071	<0.072	<0.075	<19	<9.7	<9.5	<9.5	<1.3	<0.21	<0.21	<9.9	<41	<20	<4.1
PCB-1232	mg/kg	<0.35	<0.36	<0.18	<0.19	<0.037	<0.035	<0.035	<0.037	<19	<9.7	<9.5	<9.5	<1.3	<0.21	<0.21	<9.9	<41	<20	<4.1
PCB-1242	mg/kg	<0.35	<0.36	<0.18	<0.19	<0.037	<0.035	<0.035	<0.037	<19	<9.7	<9.5	<9.5	<1.3	<0.21	<0.21	<9.9	<41	<20	<4.1
PCB-1248	mg/kg	20 J	4.2 J	0.48 J	0.70 J	<0.037	<0.035	<0.035	<0.037	<19	<9.7	<9.5	<9.5	<1.3	<0.21	<0.21	<9.9	<41	<20	<4.1
PCB-1254	mg/kg	5.5	2.9	1.2 J	2.9 J	<0.037	<0.035	<0.035	<0.037	57	34	66	46	5.2 J	0.62 J	0.28 J	48	330	98	19
PCB-1260	mg/kg	0.81	1.3	0.94 J	2.3 J	<0.037	<0.035	<0.035	<0.037	26	18	50	38	3.7 J	0.55 J	0.37 J	24	130	65	9.1
PCB-1268	mg/kg	<0.35	<0.36	<0.18	<0.19	<0.037	<0.035	<0.035	<0.037	<19	<9.7	<9.5	<9.5	2.8 J	1 J	1.3 J	<9.9	<41.	<20	<4.1
Total PCBs byAroclor	**mg/kg**	**26.3 J**	**8.4 J**	**2.6 J**	**5.9 J**	**<0.075**	**<0.071**	**<0.072**	**<0.075**	**83**	**52**	**116**	**84**	**11.7 J**	**2.17 J**	**1.95 J**	**72**	**460**	**163**	**28.1**
Monochlorobiphenyl	mg/kg	<0.033	<0.033	<0.033	<0.034	<0.0034	<0.0032	<0.0033	<0.0033	<0.15	<0.038	<0.15	<0.075	<0.017	<0.011	<0.017	<0.078	<0.32	<0.16	<0.027
Dichlorobiphenyl	mg/kg	0.27	0.098	<0.033	<0.034	<0.0034	<0.0032	<0.0033	<0.0033	<0.38	<0.095	<0.37	<0.19	0.076	<0.028	<0.042	<0.190	<0.8	<0.4	0.1
Trichlorobiphenyl	mg/kg	2.6	0.97	0.082	0.043	<0.0034	<0.0032	<0.0033	<0.0033	1.6	0.66	1.9	1.1	0.27	<0.084	<0.13	0.75	3.9	2.7	0.41
Tetrachlorobiphenyl	mg/kg	5.3	2.3	0.3	0.34	<0.0034	<0.0032	<0.0033	<0.0033	16	7	23	12	0.97	0.093 J	<0.14	10	96	38	4
Pentachlorobiphenyl	mg/kg	1.5	0.89	0.28	0.5	<0.0034	<0.0032	<0.0033	<0.0033	23	12	33	17	1.9	0.23	0.13 J	16	130	46	7.1
Hexachlorobiphenyl	mg/kg	0.48	0.46	0.23	0.44	<0.0034	<0.0032	<0.0033	<0.0033	15	9	29	16	1.5	0.24	0.16	12	78	36	5.2
Heptachlorobiphenyl	mg/kg	0.094	0.16	0.11	0.18	<0.0034	<0.0032	<0.0033	<0.0033	6.7	4.1	15	8.5	0.82	0.14	0.11 J	5.2	33	17	2.1
Octacholobiphenyl	mg/kg	0.05	0.047	0.026 J	0.073	<0.0034	<0.0032	<0.0033	<0.0033	2.1	1.3	4.1	2.5	0.62	0.13	0.17	1.8	10	4.6	0.8
Nonachlorobiphenyl	mg/kg	0.075	0.088	0.078	0.091	<0.0034	<0.0032	<0.0033	<0.0033	0.98	0.48	1.1	0.89	0.53	0.48	0.8	0.68	3.3	1.1	0.82
DCB Decachlorobiphenyl	mg/kg	<0.033	0.019 J	0.027 J	<0.034	<0.0034	<0.0032	<0.0033	<0.0033	0.46	0.21	0.27	0.33	0.33	0.4	0.7	0.19	1.2	0.22	0.51
Total PCBs by Homolog	**mg/kg**	**10.4**	**5.0 J**	**1.1 J**	**1.7**	**<0.0034**	**<0.0032**	**<0.0033**	**<0.0033**	**66**	**35**	**110**	**58**	**7**	**1.7 J**	**2.1 J**	**47**	**360**	**150**	**21**

Notes:

J: Estimated Value. The result is less than the reporting limit but greater than or equal to the method detection limit.

mg/kg: milligram per kilogram

PCB: polychlorinated biphenyl

USEPA: United States Environmental Protection Agency

Depth intervals reported in feet below ground surface

<: less than

NA: Not analyzed

Aroclor by USEPA Method 8082A

Homolog by USEPA Method 8270SIM for T-11N10, T-11E10, T11-S10, T11-W10, T-16, and T-17. All others by USEPA Method 680.

Table 4-3. Summary of OU-1/OU-2 Nonresidential Soil Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
PCB Aroclor	Aroclor-1016	mg/kg	1,427	0	--	--	--
PCB Aroclor	Aroclor-1221	mg/kg	1,402	0	--	--	--
PCB Aroclor	Aroclor-1232	mg/kg	1,427	6	0.17	170	37
PCB Aroclor	Aroclor-1242	mg/kg	1,427	59	0.13	110	7.3
PCB Aroclor	Aroclor-1248	mg/kg	1,424	248	0.028	160	5.7
PCB Aroclor	Aroclor-1254	mg/kg	1,422	746	0.037	1,300	16
PCB Aroclor	Aroclor-1260	mg/kg	1,428	994	0.022	390	5.3
PCB Aroclor	Aroclor-1262	mg/kg	666	0	--	--	--
PCB Aroclor	Aroclor-1268	mg/kg	1,373	758	0.024	2,900	5.1
PCB Aroclor	Total PCBs	mg/kg	1,913	1,399	0.01	3,650	18
PCB Homolog	Total Monochlorobiphenyl	mg/kg	90	12	0.00012	0.071	0.0071
PCB Homolog	Total Dichlorobiphenyl	mg/kg	90	41	0.00035	5.2	0.42
PCB Homolog	Total Trichlorobiphenyl	mg/kg	91	64	0.00011	31	2.3
PCB Homolog	Total Tetrachlorobiphenyl	mg/kg	90	75	0.0007	500	20
PCB Homolog	Total Pentachlorobiphenyl	mg/kg	93	86	0.00072	710	26
PCB Homolog	Total Hexachlorobiphenyl	mg/kg	92	86	0.0012	330	14
PCB Homolog	Total Heptachlorobiphenyl	mg/kg	91	84	0.00062	120	5.8
PCB Homolog	Total Octachlorobiphenyl	mg/kg	90	71	0.00087	45	2.4
PCB Homolog	Total Nonachlorobiphenyl	mg/kg	90	71	0.00099	18	0.95
PCB Homolog	Decachlorobiphenyl	mg/kg	91	73	0.0005188	4.7	0.33
PCB Homolog Total	Total Homolog PCBs - SIM (Max DL)	mg/kg	90	85	0.00254	1800	70
PCB Congener	BZ#77	mg/kg	61	12	0.0044	1.4	0.36
PCB Congener	BZ#81	mg/kg	62	19	0.0031	0.45	0.074
PCB Congener	BZ#105	mg/kg	66	42	0.0014	7.8	0.34
PCB Congener	BZ#114	mg/kg	55	3	0.0017	0.0041	0.0026
PCB Congener	BZ#118	mg/kg	64	49	0.0014	16	0.50
PCB Congener	BZ#123	mg/kg	48	6	0.0016	0.029	0.0086
PCB Congener	BZ#126	mg/kg	61	6	0.0026	0.1	0.038
PCB Congener	BZ#153	mg/kg	63	49	0.0039	0.95	0.073
PCB Congener	BZ#156	mg/kg	64	27	0.0016	14	0.59
PCB Congener	BZ#157	mg/kg	55	17	0.0017	0.023	0.0067
PCB Congener	BZ#167	mg/kg	52	6	0.0031	0.99	0.24
PCB Congener	BZ#169	mg/kg	65	3	0.13	16	5.5
PCB Congener	BZ#189	mg/kg	55	2	0.0022	0.0025	0.0024
PCB Congener	WHO Congener TEQ (Human-NDs Excluded)	mg/kg	61	48	0.000000042	0.0101	0.00049
PCB Congener	WHO Congener TEQ (Human-NDs used at 1/2 DL)	mg/kg	61	61	0.0000296	0.0116	0.00061
PCB Congener	BZ#26	mg/kg	1	1	8.3	8.3	8.3

Table 4-3. Summary of OU-1/OU-2 Nonresidential Soil Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
PCB Congener	BZ#28	mg/kg	7	3	0.037	0.21	0.10
PCB Congener	BZ#31	mg/kg	1	1	11	11	11
PCB Congener	BZ#33	mg/kg	2	2	2.1	5.1	3.6
PCB Congener	BZ#40	mg/kg	1	1	3.7	3.7	3.7
PCB Congener	BZ#47	mg/kg	1	1	0.11	0.11	0.11
PCB Congener	BZ#52	mg/kg	8	5	0.18	1.6	0.57
PCB Congener	BZ#54	mg/kg	3	3	0.12	12	4.1
PCB Congener	BZ#58	mg/kg	2	2	0.15	0.18	0.17
PCB Congener	BZ#60	mg/kg	7	5	0.017	0.21	0.11
PCB Congener	BZ#64	mg/kg	3	3	0.15	9.9	3.5
PCB Congener	BZ#66	mg/kg	7	5	0.01	0.94	0.38
PCB Congener	BZ#69	mg/kg	1	1	9.2	9.2	9.2
PCB Congener	BZ#70	mg/kg	1	1	1.4	1.4	1.4
PCB Congener	BZ#74	mg/kg	7	4	0.0084	0.26	0.089
PCB Congener	BZ#75	mg/kg	2	2	0.16	0.18	0.17
PCB Congener	BZ#79	mg/kg	1	1	5.9	5.9	5.9
PCB Congener	BZ#80	mg/kg	2	2	0.17	0.66	0.42
PCB Congener	BZ#97	mg/kg	1	1	0.23	0.23	0.23
PCB Congener	BZ#99	mg/kg	9	6	0.074	7.3	1.3
PCB Congener	BZ#101	mg/kg	9	7	0.0084	0.61	0.29
PCB Congener	BZ#110	mg/kg	2	2	0.29	1.6	0.95
PCB Congener	BZ#124	mg/kg	2	2	0.088	0.25	0.17
PCB Congener	BZ#128	mg/kg	4	4	0.23	14	3.7
PCB Congener	BZ#133	mg/kg	2	2	0.092	0.43	0.26
PCB Congener	BZ#138	mg/kg	7	5	0.052	1.2	0.58
PCB Congener	BZ#139	mg/kg	1	1	6.9	6.9	6.9
PCB Congener	BZ#141	mg/kg	1	1	1.5	1.5	1.5
PCB Congener	BZ#142	mg/kg	2	2	0.98	1.2	1.1
PCB Congener	BZ#160	mg/kg	2	2	0.29	1.1	0.70
PCB Congener	BZ#163	mg/kg	7	1	0.0065	0.0065	0.0065
PCB Congener	BZ#170	mg/kg	7	4	0.0023	0.48	0.24
PCB Congener	BZ#178	mg/kg	1	1	6.8	6.8	6.8
PCB Congener	BZ#180	mg/kg	8	7	0.006	2.8	0.69
PCB Congener	BZ#183	mg/kg	7	4	0.023	0.27	0.11
PCB Congener	BZ#185	mg/kg	1	1	8.2	8.2	8.2
PCB Congener	BZ#187	mg/kg	7	4	0.041	0.94	0.32
PCB Congener	BZ#190	mg/kg	1	1	1.2	1.2	1.2

Table 4-3. Summary of OU-1/OU-2 Nonresidential Soil Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
PCB Congener	BZ#194	mg/kg	8	6	0.0036	2.4	0.58
PCB Congener	BZ#195	mg/kg	7	3	0.014	0.25	0.12
PCB Congener	BZ#196	mg/kg	7	5	0.03	1.7	0.41
PCB Congener	BZ#201	mg/kg	9	6	0.034	6.6	2.1
PCB Congener	BZ#203	mg/kg	7	0	--	--	--
PCB Congener	BZ#206	mg/kg	8	7	0.002	6.1	1.2
PCB Congener	BZ#208	mg/kg	8	7	0.001	13	2.3
PCB Congener	BZ#209	mg/kg	6	5	0.0072	9.4	2.0
PCDD-DF	2,3,7,8-TCDD	pg/g	57	11	0.86	35	12
PCDD-DF	1,2,3,7,8-PeCDD	pg/g	57	19	1.02	108	17
PCDD-DF	1,2,3,4,7,8-HxCDD	pg/g	57	34	0.22	138	14
PCDD-DF	1,2,3,6,7,8-HxCDD	pg/g	57	48	0.21	2,960	86
PCDD-DF	1,2,3,7,8,9-HxCDD	pg/g	57	49	0.47	301	26
PCDD-DF	1,2,3,4,6,7,8-HpCDD	pg/g	57	57	8.8	134,000	2,700
PCDD-DF	Octa CDD	pg/g	57	57	74.3	907,000	20,000
PCDD-DF	2,3,7,8-TCDF	pg/g	57	32	0.76	401	52
PCDD-DF	1,2,3,7,8-PeCDF	pg/g	57	24	1.41	83.7	20
PCDD-DF	2,3,4,7,8-PeCDF	pg/g	57	34	1.35	310	37
PCDD-DF	1,2,3,4,7,8-HxCDF	pg/g	57	50	0.48	337	40
PCDD-DF	1,2,3,6,7,8-HxCDF	pg/g	57	44	0.29	128	24
PCDD-DF	1,2,3,7,8,9-HxCDF	pg/g	57	14	0.73	12.4	5.1
PCDD-DF	2,3,4,6,7,8-HxCDF	pg/g	57	47	0.23	99.8	18
PCDD-DF	1,2,3,4,6,7,8-HpCDF	pg/g	57	28	12.2	22,200	970
PCDD-DF	1,2,3,4,7,8,9-HpCDF	pg/g	57	42	0.49	729	35
PCDD-DF	Octa CDF	pg/g	57	52	5.3	53,400	1,200
PCDD-DF	Total Tetra CDD	pg/g	57	37	0.88	168	24
PCDD-DF	Total Penta CDD	pg/g	57	26	1.04	276	52
PCDD-DF	Total Hexa CDD	pg/g	57	56	1.9	9,920	310
PCDD-DF	Total Hepta CDD	pg/g	57	57	22.9	244,000	5,000
PCDD-DF	Total Tetra CDF	pg/g	57	53	0.74	1,790	320
PCDD-DF	Total Penta CDF	pg/g	57	56	3.09	4,580	440
PCDD-DF	Total Hexa CDF	pg/g	57	56	0.66	14,900	520
PCDD-DF	Total Hepta CDF	pg/g	57	53	2.24	106,000	2,200
PCDD-DF	WHO Dioxin TEQ (Human/Mammal-NDs used at 1/2 DL	pg/g	57	57	0.922	2,230	78
PCDD-DF	WHO Dioxin TEQ (Human/Mammal-NDs Excluded)	pg/g	57	57	0.363	2,230	73
PCDD-DF	Total PCDD/DF	pg/g	57	57	108	1,340,000	29,000
Metals	Aluminum	mg/kg	162	162	838	28,500	8,800

Table 4-3. Summary of OU-1/OU-2 Nonresidential Soil Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
Metals	Antimony	mg/kg	192	78	0.48	61	4.0
Metals	Arsenic	mg/kg	351	343	1.2	120	11
Metals	Barium	mg/kg	299	298	5.9	1,700	150
Metals	Beryllium	mg/kg	214	154	0.11	2.8	0.89
Metals	Cadmium	mg/kg	351	278	0.096	72	2.7
Metals	Calcium	mg/kg	161	160	290	254,000	19,000
Metals	Chromium	mg/kg	351	350	3.2	14,000	90
Metals	Cobalt	mg/kg	162	123	1.1	153	11
Metals	Copper	mg/kg	214	212	3.9	1,820	85
Metals	Iron	mg/kg	162	162	1600	575,000	28,000
Metals	Lead	mg/kg	917	915	1.5	30,000	300
Metals	Magnesium	mg/kg	162	158	140	105,000	6,600
Metals	Manganese	mg/kg	162	162	9.7	10,100	950
Metals	Mercury	mg/kg	368	243	0.019	16	0.47
Metals	Molybdenum	mg/kg	2	2	1.6	3.3	2.5
Metals	Nickel	mg/kg	214	195	0.92	409	25
Metals	Potassium	mg/kg	162	162	73	3,600	930
Metals	Selenium	mg/kg	348	66	0.43	26	1.8
Metals	Silver	mg/kg	343	64	0.14	360	7.9
Metals	Sodium	mg/kg	172	31	92.3	838	270
Metals	Strontium	mg/kg	2	2	23	30	27
Metals	Thallium	mg/kg	206	106	0.47	67	8.7
Metals	Tin	mg/kg	2	0	--	--	--
Metals	Titanium	mg/kg	2	2	250	520	390
Metals	Vanadium	mg/kg	162	156	3.9	71.9	24
Metals	Yttrium	mg/kg	2	2	2.8	3.3	3.1
Metals	Zinc	mg/kg	214	214	4.4	6,100	440
Inorganics	Cyanide	mg/kg	182	46	0.15	1.7	0.41
Inorganics	Fluoride	mg/kg	10	2	20	21	21
PAHs	2-Chloronaphthalene	µg/kg	146	0	--	--	--
PAHs	2-Methylnaphthalene	µg/kg	149	43	24	380,000	12,000
PAHs	Acenaphthene	µg/kg	147	39	20	370,000	12,000
PAHs	Acenaphthylene	µg/kg	147	34	20	680	160
PAHs	Anthracene	µg/kg	147	78	18	1,200,000	19,000
PAHs	Benzo(a)anthracene	µg/kg	148	121	20	900,000	12,000
PAHs	Benzo(a)pyrene	µg/kg	148	117	18	400,000	7,000
PAHs	Benzo(b)fluoranthene	µg/kg	148	121	26	340,000	6,600

Table 4-3. Summary of OU-1/OU-2 Nonresidential Soil Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
PAHs	Benzo(g,h,i)perylene	µg/kg	147	103	29	54,000	1,700
PAHs	Benzo(k)fluoranthene	µg/kg	148	116	18	380,000	6,700
PAHs	Chrysene	µg/kg	148	123	19	810,000	11,000
PAHs	Dibenzo(a,h)anthracene	µg/kg	147	47	21	12,000	670
PAHs	Fluoranthene	µg/kg	148	126	30	2,300,000	27,000
PAHs	Fluorene	µg/kg	147	44	18	1,300,000	37,000
PAHs	Indeno(1,2,3-cd)pyrene	µg/kg	148	106	20	45,000	1,900
PAHs	Naphthalene	µg/kg	147	46	17	1,100,000	31,000
PAHs	Phenanthrene	µg/kg	148	115	22	4,100,000	46,000
PAHs	Pyrene	µg/kg	148	125	19	1,600,000	20,000
PAHs	Total PAHs (Max DL)	µg/kg	148	126	68	15,180,000	180,000
SVOCs	1,1'-Biphenyl	µg/kg	122	16	19	670	91
SVOCs	2,2'-Oxybis(1-Chloropropane)	µg/kg	59	0	--	--	--
SVOCs	2,3,4,6-Tetrachlorophenol	µg/kg	2	0	--	--	--
SVOCs	2,4,5-Trichlorophenol	µg/kg	146	0	--	--	--
SVOCs	2,4,6-Trichlorophenol	µg/kg	146	0	--	--	--
SVOCs	2,4-Dichlorophenol	µg/kg	146	0	--	--	--
SVOCs	2,4-Dimethylphenol	µg/kg	145	0	--	--	--
SVOCs	2,4-Dinitrophenol	µg/kg	141	0	--	--	--
SVOCs	2,4-Dinitrotoluene	µg/kg	146	0	--	--	--
SVOCs	2,6-Dinitrotoluene	µg/kg	146	0	--	--	--
SVOCs	2-Chlorophenol	µg/kg	146	0	--	--	--
SVOCs	2-Methylphenol	µg/kg	146	1	99	99	99
SVOCs	2-Nitroaniline	µg/kg	146	0	--	--	--
SVOCs	2-Nitrophenol	µg/kg	146	0	--	--	--
SVOCs	3,3'-Dichlorobenzidine	µg/kg	145	0	--	--	--
SVOCs	3-Methylphenol/4-Methyphenol (m&p-Cresols)	µg/kg	87	0	--	--	--
SVOCs	3-Nitroaniline	µg/kg	143	0	--	--	--
SVOCs	4,6-Dinitro-2-methylphenol	µg/kg	141	0	--	--	--
SVOCs	4-Bromophenyl-phenylether	µg/kg	146	0	--	--	--
SVOCs	4-Chloro-3-methylphenol	µg/kg	146	0	--	--	--
SVOCs	4-Chloroaniline	µg/kg	145	0	--	--	--
SVOCs	4-Chlorophenyl-phenylether	µg/kg	146	0	--	--	--
SVOCs	4-Methylphenol	µg/kg	59	1	41	41	41
SVOCs	4-Nitroaniline	µg/kg	146	2	53	62	58
SVOCs	4-Nitrophenol	µg/kg	145	0	--	--	--
SVOCs	Acetophenone	µg/kg	122	10	24	310	84

Table 4-3. Summary of OU-1/OU-2 Nonresidential Soil Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
SVOCs	Atrazine	µg/kg	122	0	--	--	--
SVOCs	Benzaldehyde	µg/kg	122	13	27	280	110
SVOCs	Benzo(e)pyrene	µg/kg	10	10	110	110,000	12,000
SVOCs	bis(2-Chloroethoxy)methane	µg/kg	146	0	--	--	--
SVOCs	bis(2-Chloroethyl)ether	µg/kg	146	0	--	--	--
SVOCs	bis(2-Chloroisopropyl) ether	µg/kg	87	0	--	--	--
SVOCs	bis(2-Ethylhexyl)phthalate	µg/kg	146	61	17	57,000	3,000
SVOCs	Butylbenzylphthalate	µg/kg	146	16	36	2,700	750
SVOCs	Caprolactam	µg/kg	120	0	--	--	--
SVOCs	Carbazole	µg/kg	146	57	18	1,400,000	29,000
SVOCs	Dibenzofuran	µg/kg	146	35	20	600,000	22,000
SVOCs	Diethylphthalate	µg/kg	146	1	5,000	5,000	5,000
SVOCs	Dimethylphthalate	µg/kg	146	2	300	490	400
SVOCs	Di-n-butylphthalate	µg/kg	146	8	25	1,800	540
SVOCs	Di-n-octylphthalate	µg/kg	146	2	130	3,500	1,800
SVOCs	Hexachlorobenzene	µg/kg	146	0	--	--	--
SVOCs	Hexachlorobutadiene	µg/kg	152	0	--	--	--
SVOCs	Hexachlorocyclopentadiene	µg/kg	145	0	--	--	--
SVOCs	Hexachloroethane	µg/kg	146	0	--	--	--
SVOCs	Isophorone	µg/kg	146	0	--	--	--
SVOCs	Nitrobenzene	µg/kg	146	0	--	--	--
SVOCs	N-Nitroso-di-n-propylamine	µg/kg	145	0	--	--	--
SVOCs	N-Nitrosodiphenylamine	µg/kg	59	0	--	--	--
SVOCs	Pentachlorophenol	µg/kg	146	2	980	19,000	10,000
SVOCs	Phenol	µg/kg	146	6	24	1,200	280
VOCs	1,1,1,2-Tetrachloroethane	µg/kg	4	0	--	--	--
VOCs	1,1,1-Trichloroethane	µg/kg	65	0	--	--	--
VOCs	1,1,2,2-Tetrachloroethane	µg/kg	65	1	5,200	5,200	5,200
VOCs	1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/kg	65	0	--	--	--
VOCs	1,1,2-Trichloroethane	µg/kg	65	0	--	--	--
VOCs	1,1-Dichloroethane	µg/kg	65	0	--	--	--
VOCs	1,1-Dichloroethene	µg/kg	65	0	--	--	--
VOCs	1,1-Dichloropropene	µg/kg	4	0	--	--	--
VOCs	1,2,3-Trichlorobenzene	µg/kg	4	0	--	--	--
VOCs	1,2,3-Trichloropropane	µg/kg	4	0	--	--	--
VOCs	1,2,4-Trichlorobenzene	µg/kg	95	0	--	--	--
VOCs	1,2,4-Trimethylbenzene	µg/kg	4	1	1,300	1,300	1,300

Table 4-3. Summary of OU-1/OU-2 Nonresidential Soil Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
VOCs	1,2-Dibromo-3-chloropropane	µg/kg	65	0	--	--	--
VOCs	1,2-Dibromoethane	µg/kg	65	0	--	--	--
VOCs	1,2-Dichlorobenzene	µg/kg	89	0	--	--	--
VOCs	1,2-Dichloroethane	µg/kg	65	0	--	--	--
VOCs	1,2-Dichloroethene (total)	µg/kg	11	0	--	--	--
VOCs	1,2-Dichloropropane	µg/kg	65	0	--	--	--
VOCs	1,3,5-Trimethylbenzene	µg/kg	4	1	1,000	1,000	1,000
VOCs	1,3-Dichlorobenzene	µg/kg	89	0	--	--	--
VOCs	1,4-Dichlorobenzene	µg/kg	89	0	--	--	--
VOCs	2,2-Dichloropropane	µg/kg	4	0	--	--	--
VOCs	2-Butanone	µg/kg	65	54	4.8	500	37
VOCs	2-Hexanone	µg/kg	65	3	1.1	2,400	820
VOCs	4-Methyl-2-pentanone	µg/kg	65	5	1.7	26	13
VOCs	Acetone	µg/kg	65	61	12	2,200	240
VOCs	Benzene	µg/kg	68	20	0.97	110,000	5,500
VOCs	Bromobenzene	µg/kg	4	0	--	--	--
VOCs	Bromochloromethane	µg/kg	63	0	--	--	--
VOCs	Bromodichloromethane	µg/kg	65	0	--	--	--
VOCs	Bromoform	µg/kg	65	0	--	--	--
VOCs	Carbon Disulfide	µg/kg	65	19	0.79	8.5	3.0
VOCs	Carbon Tetrachloride	µg/kg	65	0	--	--	--
VOCs	Chlorobenzene	µg/kg	65	0	--	--	--
VOCs	Chloroethane	µg/kg	65	0	--	--	--
VOCs	Chloroform	µg/kg	65	0	--	--	--
VOCs	Chloromethane	µg/kg	65	0	--	--	--
VOCs	cis-1,2-Dichloroethene	µg/kg	65	0	--	--	--
VOCs	cis-1,3-Dichloropropene	µg/kg	65	0	--	--	--
VOCs	Cyclohexane	µg/kg	65	5	0.85	8	5.0
VOCs	Dibromochloromethane	µg/kg	65	0	--	--	--
VOCs	Dibromomethane	µg/kg	4	0	--	--	--
VOCs	Dichlorodifluoromethane	µg/kg	65	0	--	--	--
VOCs	Ethylbenzene	µg/kg	67	4	3.2	12,000	3,000
VOCs	Fluorotrichloromethane	µg/kg	65	3	1.3	3.3	2.1
VOCs	Isopropylbenzene	µg/kg	65	3	1.2	4	3.0
VOCs	m,p-Xylenes	µg/kg	59	6	1.3	14	5.2
VOCs	Methyl Acetate	µg/kg	65	36	5.1	950	99
VOCs	Methyl Bromide	µg/kg	65	4	0.93	4.2	2.0

Table 4-3. Summary of OU-1/OU-2 Nonresidential Soil Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
VOCs	Methyl tert-butyl ether	µg/kg	67	0	--	--	--
VOCs	Methylcyclohexane	µg/kg	65	5	1	1,200	250
VOCs	Methylene Chloride	µg/kg	65	0	--	--	--
VOCs	n-Butylbenzene	µg/kg	4	0	--	--	--
VOCs	n-Propylbenzene	µg/kg	4	0	--	--	--
VOCs	o-Xylene	µg/kg	62	3	4.9	16	9.2
VOCs	p-Isopropyltoluene	µg/kg	4	0	--	--	--
VOCs	sec-Butylbenzene	µg/kg	4	0	--	--	--
VOCs	Styrene	µg/kg	65	3	2.2	3.4	2.9
VOCs	tert-Butylbenzene	µg/kg	4	0	--	--	--
VOCs	Tetrachloroethene	µg/kg	65	0	--	--	--
VOCs	Toluene	µg/kg	67	9	1.3	11	4.4
VOCs	trans-1,2-Dichloroethene	µg/kg	65	0	--	--	--
VOCs	trans-1,3-Dichloropropene	µg/kg	65	0	--	--	--
VOCs	Trichloroethene	µg/kg	65	0	--	--	--
VOCs	Vinyl Chloride	µg/kg	65	0	--	--	--
VOCs	Xylenes (total)	µg/kg	19	4	11	42,000	11,000
Pesticides	4,4'-DDD	µg/kg	142	9	1.4	16	7.0
Pesticides	4,4'-DDE	µg/kg	144	59	0.74	160	28
Pesticides	4,4'-DDT	µg/kg	144	63	1.4	2,400	91
Pesticides	Aldrin	µg/kg	142	2	2.8	160	81
Pesticides	Alpha-BHC	µg/kg	142	3	0.47	5.9	2.6
Pesticides	alpha-Chlordane	µg/kg	144	21	0.84	470	40
Pesticides	Beta-BHC	µg/kg	142	2	3.5	4.5	4.0
Pesticides	Delta-BHC	µg/kg	142	0	--	--	--
Pesticides	Dicamba	µg/kg	6	0	--	--	--
Pesticides	Dieldrin	µg/kg	142	20	1.8	280	57
Pesticides	Endosulfan I	µg/kg	142	1	0.69	0.69	0.69
Pesticides	Endosulfan II	µg/kg	142	2	3.3	14	8.7
Pesticides	Endosulfan sulfate	µg/kg	142	6	1.3	35	9.4
Pesticides	Endrin	µg/kg	142	17	2.9	240	28
Pesticides	Endrin Aldehyde	µg/kg	127	18	0.78	100	18
Pesticides	Endrin Ketone	µg/kg	128	9	4	150	40
Pesticides	Ethyl Parathion	µg/kg	57	0	--	--	--
Pesticides	Gamma-BHC (Lindane)	µg/kg	142	3	1.1	46	16
Pesticides	Gamma-Chlordane	µg/kg	142	27	0.35	9,100	370
Pesticides	Heptachlor	µg/kg	142	6	0.44	200	36

Table 4-3. Summary of OU-1/OU-2 Nonresidential Soil Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
Pesticides	Heptachlor Epoxide	µg/kg	142	20	1.2	52	13
Pesticides	Methoxychlor	µg/kg	142	4	7.5	91	39
Pesticides	Methyl Parathion	µg/kg	57	0	--	--	--
Pesticides	o,o,o-Triethylphosphorothioate	µg/kg	57	0	--	--	--
Pesticides	Sulfotep	µg/kg	57	0	--	--	--
Pesticides	Technical Chlordane	µg/kg	17	0	--	--	--
Pesticides	Toxaphene	µg/kg	131	1	110	110	110
Herbicides/Fungicides	2,4,5-TP	µg/kg	6	0	--	--	--
Herbicides/Fungicides	2,4,5-Trichlorophenoxyacetic acid	µg/kg	6	1	57	57	57
Herbicides/Fungicides	2,4-DB	µg/kg	6	0	--	--	--
Herbicides/Fungicides	2,4-Dichlorophenyl acetic acid	µg/kg	6	0	--	--	--
Herbicides/Fungicides	4-Chloro-2-methylphenoxy acetic acid	µg/kg	6	0	--	--	--
Herbicides/Fungicides	Dalapon	µg/kg	6	0	--	--	--
Herbicides/Fungicides	Dinoseb	µg/kg	6	0	--	--	--
Grain Size	Clay	%	128	128	0.9	39.2	14
Grain Size	Silt	%	128	128	2.6	95.3	22
Grain Size	Fine Sand	%	128	128	2.3	63.6	25
Grain Size	Medium Sand	%	128	128	1.1	29.7	13
Grain Size	Coarse Sand	%	128	124	0.2	45	7.9
Grain Size	Gravel	%	128	119	0.1	79.4	20
Other	Percent Moisture	%	217	217	2	54	18
Other	Solids, Percent	%	914	914	47.9	99.9	87
Other	TOC by Lloyd Kahn	mg/kg	644	644	1,410	248,000	37,000
USEPA Miscellaneous	(1,1-Dimethylpropyl)benzene	µg/kg	1	1	120	120	120
USEPA Miscellaneous	(3beta)-Ergost-5-en-3-ol	µg/kg	2	2	270	640	460
USEPA Miscellaneous	(Z)-9,12-Octadecadienoic Acid	µg/kg	2	2	430	600	520
USEPA Miscellaneous	1,2,3,4-Tetramethylbenzene	µg/kg	1	1	510	510	510
USEPA Miscellaneous	1,2,4,5-Tetramethylbenzene	µg/kg	1	1	1,200	1,200	1,200
USEPA Miscellaneous	1,3-Dichloropropane	µg/kg	3	0	--	--	--
USEPA Miscellaneous	1,3-Dimethylnaphthalene	µg/kg	1	1	240	240	240
USEPA Miscellaneous	1,5-Dimethylnaphthalene	µg/kg	1	1	190	190	190
USEPA Miscellaneous	1,6,7-Trimethylnaphthalene	µg/kg	1	1	200	200	200
USEPA Miscellaneous	11H-Benzo(a)fluorene	µg/kg	3	3	140	730	420
USEPA Miscellaneous	11H-Benzo(b)fluorene	µg/kg	10	10	170	730,000	88,000
USEPA Miscellaneous	1-Methyl-2-(1-methylbenzene	µg/kg	1	1	520	520	520

Table 4-3. Summary of OU-1/OU-2 Nonresidential Soil Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
USEPA Miscellaneous	1-Methylanthracene	µg/kg	1	1	1,800	1,800	1,800
USEPA Miscellaneous	1-Methylnaphthalene	µg/kg	3	3	100	1,100	460
USEPA Miscellaneous	1-Methylpyrene	µg/kg	8	8	110	2,100	800
USEPA Miscellaneous	1-Phenanthrenecarboxylic Acid	µg/kg	1	1	110	110	110
USEPA Miscellaneous	2,3,6-Trimethylnaphthalene	µg/kg	2	2	180	190	190
USEPA Miscellaneous	2,3-Dimethylnaphthalene	µg/kg	3	3	290	1500	870
USEPA Miscellaneous	2,5-Dimethylphenanthrene	µg/kg	2	2	150	1,900	1,000
USEPA Miscellaneous	2,7-Dimethylphenanthrene	µg/kg	1	1	720	720	720
USEPA Miscellaneous	2-Methylanthracene	µg/kg	9	9	86	620,000	86,000
USEPA Miscellaneous	2-Methylchlorobenzene	µg/kg	3	0	--	--	--
USEPA Miscellaneous	2-Phenylnaphthalene	µg/kg	7	7	170	480,000	90,000
USEPA Miscellaneous	3-Methylphenanthrene	µg/kg	1	1	380	380	380
USEPA Miscellaneous	4,4'-Methylenebis-phenol	µg/kg	1	1	1,700	1,700	1,700
USEPA Miscellaneous	4H-Cyclopenta(def)phenanthrene	µg/kg	2	2	170	2,000	1,100
USEPA Miscellaneous	4-Hydroxy-4-methyl-2-pentanone	µg/kg	19	19	6,300	57,000	30,000
USEPA Miscellaneous	4-Hydroxy-benzaldehyde	µg/kg	1	1	830	830	830
USEPA Miscellaneous	4-Methyldibenzofuran	µg/kg	1	1	620	620	620
USEPA Miscellaneous	5-Methylchrysene	µg/kg	1	1	580	580	580
USEPA Miscellaneous	9,10-Anthraquinone	µg/kg	4	4	110	230	160
USEPA Miscellaneous	9,10-Dimethylanthracene	µg/kg	2	2	140	580	360
USEPA Miscellaneous	9-Anthracenecarbonitrile	µg/kg	1	1	400	400	400
USEPA Miscellaneous	9-Butyl docosane	µg/kg	1	1	1,700	1,700	1,700
USEPA Miscellaneous	9-Methylanthracene	µg/kg	3	3	440	770	620
USEPA Miscellaneous	9-Octyl heptadecane	µg/kg	1	1	3,500	3,500	3,500
USEPA Miscellaneous	alpha-Chlordene	µg/kg	6	0	--	--	--
USEPA Miscellaneous	Benzanthracenone	µg/kg	5	5	330	1,700	720
USEPA Miscellaneous	Benzanthrone	µg/kg	9	9	110	1,200	600
USEPA Miscellaneous	Benzo(b)naphtho(2,3-d)furan	µg/kg	3	3	310	1,000	690
USEPA Miscellaneous	Benzo(j)fluoranthene	µg/kg	2	2	410	3,100	1,800
USEPA Miscellaneous	Benzofluoranthene	µg/kg	2	2	100	680	390
USEPA Miscellaneous	Benzofluorene	µg/kg	8	8	89	3,100	1,100
USEPA Miscellaneous	Benzonaphthothiophene	µg/kg	1	1	640	640	640
USEPA Miscellaneous	Benzopyrene	µg/kg	2	2	320	560	440
USEPA Miscellaneous	beta-Chlordene	µg/kg	2	0	--	--	--
USEPA Miscellaneous	Camphor	µg/kg	1	1	350	350	350
USEPA Miscellaneous	Chlordene	µg/kg	2	0	--	--	--

Table 4-3. Summary of OU-1/OU-2 Nonresidential Soil Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
USEPA Miscellaneous	Cholesterol	µg/kg	1	1	260	260	260
USEPA Miscellaneous	cis-Nonachlor	µg/kg	2	1	12	12	12
USEPA Miscellaneous	Dibenzanthracene	µg/kg	1	1	220	220	220
USEPA Miscellaneous	Dibenzo(a,i)pyrene	µg/kg	1	1	110	110	110
USEPA Miscellaneous	Dibenzothiophene	µg/kg	3	3	260	620,000	250,000
USEPA Miscellaneous	Dimethylphenanthrene	µg/kg	2	2	110	250	180
USEPA Miscellaneous	gamma-Chlordene	µg/kg	2	1	4,300	4,300	43,00
USEPA Miscellaneous	gamma-Sitosterol	µg/kg	4	4	350	1,800	850
USEPA Miscellaneous	Hexadecanoic Acid	µg/kg	16	16	200	6,640	1,400
USEPA Miscellaneous	Limonene	µg/kg	1	1	840	840	840
USEPA Miscellaneous	MCPP	µg/kg	6	0	--	--	--
USEPA Miscellaneous	Methyl anthracene	µg/kg	5	5	170	400	310
USEPA Miscellaneous	Methyl chrysene	µg/kg	1	1	90	90	90
USEPA Miscellaneous	Methylbenzanthracene	µg/kg	1	1	560	560	560
USEPA Miscellaneous	Methylphenanthrene	µg/kg	1	1	450	450	450
USEPA Miscellaneous	n-Henicosane	µg/kg	2	2	1,000	1,700	1,400
USEPA Miscellaneous	N-nitrosodiphenylamine/Diphenylamine	µg/kg	57	0	--	--	--
USEPA Miscellaneous	n-Pentadecane	µg/kg	1	1	850	850	850
USEPA Miscellaneous	Octadec-9-enoic Acid	µg/kg	1	1	4,600	4,600	4,600
USEPA Miscellaneous	Octadecanoic Acid	µg/kg	3	3	150	450	280
USEPA Miscellaneous	Oxacyclotetradecan-2-one	µg/kg	1	1	270	270	270
USEPA Miscellaneous	Oxychlordane	µg/kg	2	1	63	63	63
USEPA Miscellaneous	p-Chlorotoluene	µg/kg	3	0	--	--	--
USEPA Miscellaneous	Pentacene	µg/kg	1	1	380	380	380
USEPA Miscellaneous	Pentadecanal	µg/kg	1	1	320	320	320
USEPA Miscellaneous	Pentadecanoic Acid	µg/kg	2	2	220	490	360
USEPA Miscellaneous	Pentamethylbenzene	µg/kg	1	1	100	100	100
USEPA Miscellaneous	Perylene	µg/kg	11	11	160	20,000	2,900
USEPA Miscellaneous	Phenylnaphthalene	µg/kg	1	1	380	380	380
USEPA Miscellaneous	Salicyl Alcohol	µg/kg	1	1	130	130	130
USEPA Miscellaneous	Stigmasterol	µg/kg	3	3	390	520	440

Table 4-3. Summary of OU-1/OU-2 Nonresidential Soil Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
USEPA Miscellaneous	Total Tetramethylbenzene	µg/kg	1	1	610	610	610
USEPA Miscellaneous	trans-Nonachlor	µg/kg	2	1	13	13	13

Notes:

--: not applicable

DL: detection limit

µg/kg: micrograms per kilogram

mg/kg: milligrams per kilogram

OU: operable unit

PAHs: polycyclic aromatic hydrocarbons

PCB: polychlorinated biphenyl

PCDD/DF:polychlorinated dibenzo-p-dioxins/dibenzofurans

pg/g: picogram per gram

SVOC: semivolatile organic compound

TEQ: 2,3,7,8-TCDD toxicity equivalent

USEPA: United States Environmental Protection Agency

VOC: volatile organic compound

WHO: World Health Organization

Table 4-4. OU-1/OU-2 Sediment PCB Data for Snow Creek
Anniston PCB Site, Anniston, Alabama

Program	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (inches)	Depth Bottom (inches)	Total Organic Carbon (mg/kg)	Total PCB (mg/kg)
USEPA Programs	FE2-001-A	1,136,171.4	657,211.3	FE2-001-A	Original	7/26/2000	0.00	3.00	--	0.90
USEPA Programs	FE2-001-C	1,136,152.9	657,265.5	FE2-001-C	Original	7/26/2000	0.00	3.00	--	2.5
USEPA Programs	PCWaste-004-B	1,135,638.7	657,335.8	PCWaste-004-B	Original	4/25/2000	0.00	3.00	--	1.2
USEPA Programs	PECON-011	1,146,660.6	655,356.5	PECON-011	Original	7/26/2000	0.00	3.00	--	4.3
USEPA Programs	PECON-012	1,146,639.3	655,372.2	PECON-012	Original	7/26/2000	0.00	3.00	--	8.5
USEPA Programs	PECON-020	1,136,222.7	657,219.2	PECON-020	Original	7/26/2000	0.00	3.00	--	0.75
Miscellaneous Programs	CP-C-10	1,147,976.8	654,892.2	CP-C-10-0-2"	Original	5/24/2002	0.00	2.00	--	2.9
Miscellaneous Programs	CP-C-10	1,147,976.8	654,892.2	CP-C-10-2-6"	Original	5/24/2002	2.00	6.00	--	3.6
Miscellaneous Programs	CP-C-10	1,147,976.8	654,892.2	CP-C-10-6-12"	Original	5/24/2002	6.00	12.00	--	12 J
Miscellaneous Programs	CP-C-11	1,147,800.3	654,984.5	CP-C-11-0-2"	Original	5/24/2002	0.00	2.00	--	1.6
Miscellaneous Programs	CP-C-11	1,147,800.3	654,984.5	CP-C-11-2-6"	Original	5/24/2002	2.00	6.00	--	1.2
Miscellaneous Programs	CP-C-11	1,147,800.3	654,984.5	CP-C-11-6-12"	Original	5/24/2002	6.00	12.00	--	7.5
Miscellaneous Programs	CP-C-9	1,148,048.2	654,842.2	CP-C-9-0-4"	Original	5/24/2002	0.00	4.00	--	2.0
Miscellaneous Programs	SED-A09	1,148,740.6	653,764.6	SED-A9	Original	3/19/1995	0.00	3.00	--	7.8
Miscellaneous Programs	SED-A10	1,147,935.0	654,872.3	SED-A10	Original	3/19/1995	0.00	3.00	--	6.9
Miscellaneous Programs	SED-A11	1,147,323.9	654,896.6	SED-A11	Original	3/19/1995	0.00	3.00	--	16
Miscellaneous Programs	SED-A12	1,146,320.4	655,955.6	SED-A12	Original	3/19/1995	0.00	3.00	--	3.9
Miscellaneous Programs	SED-BG1	1,149,380.0	652,510.0	SED-BG1	Original	3/19/1995	0.00	3.00	--	1.4 U
Nonresidential OU-1/OU-2 FSP	CA-25-9999-90	1,136,179.7	657,226.5	PCWASTE-004-A	Original	4/25/2000	0.00	3.00	--	11
Nonresidential OU-1/OU-2 FSP	CA-25-9999-90	1,136,179.7	657,226.5	S70746	Original	5/29/2007	6.00	12.00	3,200	0.76 J
Nonresidential OU-1/OU-2 FSP	S-HIGH-1	1,147,393.1	654,900.0	S10135	Original	8/17/2006	0.00	18.00	13,000 J	4.2 J
Nonresidential OU-1/OU-2 FSP	S-HIGH-1	1,147,393.1	654,900.0	S10137	Field Duplicate	8/17/2006	0.00	18.00	3,000 J	2.3 J
Nonresidential OU-1/OU-2 FSP	S-LOW-1	1,138,366.7	657,348.8	S10136	Original	8/17/2006	0.00	6.00	4,200	1.7
Nonresidential OU-1/OU-2 FSP	S-MED-1	1,147,729.1	655,011.5	S10134	Original	8/17/2006	0.00	8.00	16,000 J	60
RFI Sediment	S-1-01	1,149,109.8	652,731.6	S10021	Original	11/30/1999	0.00	2.00	24,000	3.8 J
RFI Sediment	S-1-01	1,149,109.8	652,731.6	S10022	Original	11/30/1999	2.00	8.00	33,000	31 J
RFI Sediment	S-1-02	1,149,089.4	652,762.6	S10023	Original	11/30/1999	0.00	2.00	17,000	8.0
RFI Sediment	S-1-04	1,149,035.1	652,761.6	S10024	Original	11/30/1999	0.00	2.00	91,000	14
RFI Sediment	S-1-04	1,149,035.1	652,761.6	S10025	Original	11/30/1999	2.00	5.00	7,900	17
RFI Sediment	S-1-05	1,149,031.9	652,780.8	S10026	Original	11/30/1999	0.00	2.00	36,000	11 J
RFI Sediment	S-1-07	1,148,945.6	652,867.5	S10027	Original	11/30/1999	0.00	2.00	59,000	16 J
RFI Sediment	S-1-07	1,148,945.6	652,867.5	S10028	Original	11/30/1999	2.00	12.00	3,200	1.2 J
RFI Sediment	S-1-07	1,148,945.6	652,867.5	S10029	Original	11/30/1999	12.00	23.00	500 U	0.17 U
RFI Sediment	S-1-08	1,148,867.3	652,967.3	S10030	Original	11/30/1999	0.00	2.00	70,000	32 J

Table 4-4. OU-1/OU-2 Sediment PCB Data for Snow Creek
Anniston PCB Site, Anniston, Alabama

Program	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (inches)	Depth Bottom (inches)	Total Organic Carbon (mg/kg)	Total PCB (mg/kg)
RFI Sediment	S-1-08	1,148,867.3	652,967.3	S10031	Original	11/30/1999	2.00	12.00	27,000	12
RFI Sediment	S-1-08	1,148,867.3	652,967.3	S10032	Field Duplicate	11/30/1999	2.00	12.00	28,000	4.3
RFI Sediment	S-1-08	1,148,867.3	652,967.3	S10033	Original	11/30/1999	12.00	14.50	57,000	37 J
RFI Sediment	S-1-10	1,148,802.5	653,053.1	S10034	Original	11/30/1999	0.00	2.00	44,000	12 J
RFI Sediment	S-1-10	1,148,802.5	653,053.1	S10035	Original	11/30/1999	2.00	12.00	46,000	29 J
RFI Sediment	S-1-10	1,148,802.5	653,053.1	S10036	Original	11/30/1999	12.00	16.50	44,000	18
RFI Sediment	S-1-11a	1,148,756.5	653,098.2	S10037	Original	11/30/1999	0.00	2.00	6,500	2.2
RFI Sediment	S-1-11a	1,148,756.5	653,098.2	S10038	Original	11/30/1999	2.00	12.00	500 U	0.20 U
RFI Sediment	S-1-11a	1,148,756.5	653,098.2	S10039	Original	11/30/1999	12.00	24.00	2,700	0.39 J
RFI Sediment	S-1-11b	1,148,758.2	653,105.6	S10040	Original	11/30/1999	0.00	2.50	18,000	12
RFI Sediment	S-1-12	1,148,729.4	653,121.8	S10041	Original	11/30/1999	0.00	2.00	7,600	0.67
RFI Sediment	S-1-12	1,148,729.4	653,121.8	S10042	Original	11/30/1999	2.00	5.00	500 U	2.1
RFI Sediment	S-1-16	1,148,846.7	653,592.5	S10043	Original	11/30/1999	0.00	2.00	2,700	28
RFI Sediment	S-1-16	1,148,846.7	653,592.5	S10044	Original	11/30/1999	2.00	5.00	1,200	32
RFI Sediment	S-2-02	1,147,994.6	654,860.6	S10045	Original	11/30/1999	0.00	3.50	16,000	19
RFI Sediment	S-2-03a	1,147,942.5	654,891.8	S10046	Original	11/30/1999	0.00	3.00	12,000	3.8
RFI Sediment	S-2-05	1,147,739.0	654,974.4	S10048	Original	11/30/1999	0.00	2.00	500 U	5.4
RFI Sediment	S-2-05	1,147,739.0	654,974.4	S10049	Original	11/30/1999	2.00	5.00	9,600	6.4
RFI Sediment	S-2-06A	1,147,584.8	655,010.6	S10060	Original	11/30/1999	0.00	2.00	12,000	22
RFI Sediment	S-2-06A	1,147,584.8	655,010.6	S10061	Original	11/30/1999	2.00	5.00	2,700	8.9
RFI Sediment	S-2-06B	1,147,574.2	655,010.2	S10053	Original	11/30/1999	0.00	2.00	500 U	13
RFI Sediment	S-2-06B	1,147,574.2	655,010.2	S10054	Original	11/30/1999	2.00	12.00	1,800	11
RFI Sediment	S-2-06B	1,147,574.2	655,010.2	S10055	Original	11/30/1999	12.00	20.50	3,000	34
RFI Sediment	S-2-06B	1,147,574.2	655,010.2	S10131	Field Duplicate	12/2/1999	12.00	20.50	8,400	60
RFI Sediment	S-2-06C	1,147,564.0	655,009.0	S10056	Original	11/30/1999	0.00	2.00	2,200	30
RFI Sediment	S-2-06C	1,147,564.0	655,009.0	S10057	Original	11/30/1999	2.00	12.00	5,000	14
RFI Sediment	S-2-06C	1,147,564.0	655,009.0	S10058	Original	11/30/1999	12.00	24.00	5,000	23
RFI Sediment	S-2-06C	1,147,564.0	655,009.0	S10059	Original	11/30/1999	24.00	27.00	9,600	15
RFI Sediment	S-2-08	1,147,383.0	654,910.2	S10050	Original	11/30/1999	0.00	2.00	18,000	20
RFI Sediment	S-2-08	1,147,383.0	654,910.2	S10051	Original	11/30/1999	2.00	12.00	12,000	20
RFI Sediment	S-2-08	1,147,383.0	654,910.2	S10052	Original	11/30/1999	12.00	16.00	1,600	4.0
RFI Sediment	S-2-16	1,146,292.1	656,060.7	S10062	Original	12/1/1999	0.00	2.00	13,000	4.0
RFI Sediment	S-2-16	1,146,292.1	656,060.7	S10063	Original	12/1/1999	2.00	4.00	16,000	3.3
RFI Sediment	S-3-01	1,146,294.3	656,111.8	S10064	Original	12/1/1999	0.00	2.00	12,000	3.3

Table 4-4. OU-1/OU-2 Sediment PCB Data for Snow Creek
Anniston PCB Site, Anniston, Alabama

Program	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (inches)	Depth Bottom (inches)	Total Organic Carbon (mg/kg)	Total PCB (mg/kg)
RFI Sediment	S-3-01	1,146,294.3	656,111.8	S10065	Original	12/1/1999	2.00	8.00	12,000	4.8
RFI Sediment	S-3-02	1,146,272.3	656,130.1	S10066	Original	12/1/1999	0.00	2.00	22,000	8.1
RFI Sediment	S-3-02	1,146,272.3	656,130.1	S10067	Original	12/1/1999	2.00	12.00	24,000	11
RFI Sediment	S-3-02	1,146,272.3	656,130.1	S10068	Original	12/1/1999	12.00	15.50	32,000	17
RFI Sediment	S-3-05	1,146,109.0	656,611.4	S10069	Original	12/1/1999	0.00	2.00	20,000	1.4
RFI Sediment	S-3-05	1,146,109.0	656,611.4	S10070	Original	12/1/1999	2.00	10.50	11,000	2.1
RFI Sediment	S-3-07	1,145,772.0	656,706.4	S10071	Original	12/1/1999	0.00	2.00	9,600	0.66
RFI Sediment	S-3-07	1,145,772.0	656,706.4	S10072	Original	12/1/1999	2.00	8.00	18,000	0.76
RFI Sediment	S-4-02	1,143,383.7	657,136.8	S10073	Original	12/1/1999	0.00	2.00	15,000	1.1
RFI Sediment	S-4-02	1,143,383.7	657,136.8	S10074	Original	12/1/1999	2.00	4.00	3,000	0.58 J
RFI Sediment	S-5-01	1,140,565.3	657,529.0	S10075	Original	12/1/1999	0.00	3.50	1,400	0.65
RFI Sediment	S-5-01	1,140,565.3	657,529.0	S10076	Field Duplicate	12/1/1999	0.00	3.50	500 U	0.76
RFI Sediment	S-5-02	1,138,744.1	657,331.2	S10077	Original	12/1/1999	0.00	3.50	8,700	4.5
RFI Sediment	S-5-03	1,138,470.8	657,304.6	S10078	Original	12/1/1999	0.00	2.00	15,000	5.8
RFI Sediment	S-5-03	1,138,470.8	657,304.6	S10079	Original	12/1/1999	2.00	4.00	500 UJ	1.6
RFI Sediment	S-5-04	1,138,355.5	657,364.0	S10080	Original	12/1/1999	0.00	2.00	500 UJ	1.8
RFI Sediment	S-5-04	1,138,355.5	657,364.0	S10081	Original	12/1/1999	2.00	6.00	2,300	1.9
RFI Sediment	S-5-05	1,138,200.9	657,529.3	S10082	Original	12/1/1999	0.00	2.00	500 U	1.2
RFI Sediment	S-5-05	1,138,200.9	657,529.3	S10083	Original	12/1/1999	2.00	4.00	500 U	1.9
RFI Sediment	S-5-06	1,137,857.7	657,675.4	S10084	Original	12/1/1999	0.00	2.00	500 U	2.7
RFI Sediment	S-5-06	1,137,857.7	657,675.4	S10085	Original	12/1/1999	2.00	5.00	500 U	2.3
RFI Sediment	S-5-13	1,135,966.6	657,212.8	S10086	Original	12/1/1999	0.00	3.50	500 U	1.3
RFI Sediment	S-5-14A	1,135,767.5	657,256.4	S10087	Original	12/1/1999	0.00	2.00	1,200	1.5
RFI Sediment	S-5-14A	1,135,767.5	657,256.4	S10088	Original	12/1/1999	2.00	5.00	500 U	0.92
RFI Sediment	S-5-14B	1,135,680.1	657,307.9	S10089	Original	12/1/1999	0.00	2.00	500 U	1.6
RFI Sediment	S-5-14B	1,135,680.1	657,307.9	S10090	Original	12/1/1999	2.00	5.50	500 U	1.6

Table 4-4. OU-1/OU-2 Sediment PCB Data for Snow Creek
Anniston PCB Site, Anniston, Alabama

Program	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (inches)	Depth Bottom (inches)	Total Organic Carbon (mg/kg)	Total PCB (mg/kg)
RFI Sediment	S-5-24	1,133,572.3	658,581.5	S10091	Original	12/1/1999	0.00	2.00	500 U	1.2
RFI Sediment	S-5-24	1,133,572.3	658,581.5	S10092	Original	12/1/1999	2.00	12.00	500 U	1.2

Notes:
U: The analyte was analyzed for but not detected. The associated value is the compound quantitation limit.
J: The analyte was positively identified; however, the associated numerical value is an estimated concentration only.
UJ: The analytle was analyzed for but not detected. The associated value is the estimated compound quantitation limit.
--: not applicable
mg/kg: milligrams per kilogram
OU: operable unit
PCB: polychlorinated biphenyl
QC: quality control
RFI: Resouce Conservation and Recovery Act (RCRA) Facility Investigation
USEPA: United States Environmental Protection Agency

Table 4-5. Summary of OU-1/OU-2 Snow Creek Sediment Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
PCB Aroclor	Aroclor-1016	mg/kg	96	0	--	--	--
PCB Aroclor	Aroclor-1221	mg/kg	96	1	0.39	0.39	0.39
PCB Aroclor	Aroclor-1232	mg/kg	96	0	--	--	--
PCB Aroclor	Aroclor-1242	mg/kg	96	22	0.087	15	3.7
PCB Aroclor	Aroclor-1248	mg/kg	96	66	0.15	15	3.1
PCB Aroclor	Aroclor-1254	mg/kg	91	85	0.24	46	4.6
PCB Aroclor	Aroclor-1260	mg/kg	96	88	0.076	19	2.3
PCB Aroclor	Aroclor-1262	mg/kg	5	0	--	--	--
PCB Aroclor	Aroclor-1268	mg/kg	19	8	0.097	1.4	0.34
PCB Aroclor	Total PCBs	mg/kg	96	93	0.39	60	9.5
PCB Homolog	Total Monochlorobiphenyl	mg/kg	4	4	0.0025	0.020	0.012
PCB Homolog	Total Dichlorobiphenyl	mg/kg	4	4	0.015	0.14	0.058
PCB Homolog	Total trichlorobiphenyl	mg/kg	4	4	0.12	0.80	0.46
PCB Homolog	Total Tetrachlorobiphenyl	mg/kg	4	4	0.31	10	2.9
PCB Homolog	Total Pentachlorobiphenyl	mg/kg	4	4	0.39	16	4.5
PCB Homolog	Total Hexachlorobiphenyl	mg/kg	4	4	0.28	7.8	2.2
PCB Homolog	Total Heptachlorobiphenyl	mg/kg	4	4	0.14	3.4	0.98
PCB Homolog	Total Octachlorobiphenyl	mg/kg	4	4	0.053	1.3	0.38
PCB Homolog	Total Nonachlorobiphenyl	mg/kg	4	4	0.020	0.48	0.15
PCB Homolog	Decachlorobiphenyl	mg/kg	4	4	0.0059	0.11	0.037
PCB Homolog	Total Homolog PCBs - SIM (Max DL)	mg/kg	4	4	1.3	40	12
PCB Congener	BZ#77	mg/kg	9	5	0.029	0.45	0.21
PCB Congener	BZ#81	mg/kg	9	5	0.0083	0.21	0.090
PCB Congener	BZ#105	mg/kg	9	9	0.013	1.7	0.27
PCB Congener	BZ#114	mg/kg	4	0	--	--	--
PCB Congener	BZ#118	mg/kg	9	9	0.022	2.6	0.41
PCB Congener	BZ#123	mg/kg	4	0	--	--	--
PCB Congener	BZ#126	mg/kg	9	3	0.011	0.044	0.023
PCB Congener	BZ#153	mg/kg	9	9	0.013	1.7	0.29
PCB Congener	BZ#156	mg/kg	9	8	0.0029	0.47	0.085
PCB Congener	BZ#157	mg/kg	4	1	0.010	0.010	0.010
PCB Congener	BZ#167	mg/kg	4	0	--	--	--
PCB Congener	BZ#169	mg/kg	9	0	--	--	--

Table 4-5. Summary of OU-1/OU-2 Snow Creek Sediment Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
PCB Congener	BZ#189	mg/kg	4	0	--	--	--
PCB Congener	WHO Congener TEQ (Human-NDs Excluded)	mg/kg	9	9	0.0000035	0.0045	0.00083
PCB Congener	WHO Congener TEQ (Human-NDs used at 1/2 DL)	mg/kg	9	9	0.00024	0.011	0.0025
PCB Congener	BZ#28	mg/kg	5	4	0.015	0.095	0.062
PCB Congener	BZ#52	mg/kg	5	5	0.024	0.23	0.11
PCB Congener	BZ#60	mg/kg	5	5	0.011	0.18	0.084
PCB Congener	BZ#66	mg/kg	5	5	0.023	0.28	0.15
PCB Congener	BZ#74	mg/kg	5	3	0.041	0.096	0.074
PCB Congener	BZ#99	mg/kg	5	5	0.0060	0.15	0.064
PCB Congener	BZ#101	mg/kg	5	5	0.022	0.32	0.13
PCB Congener	BZ#138	mg/kg	5	5	0.018	0.48	0.19
PCB Congener	BZ#163	mg/kg	5	0	--	--	--
PCB Congener	BZ#170	mg/kg	5	4	0.0034	0.10	0.047
PCB Congener	BZ#180	mg/kg	5	5	0.0079	0.22	0.084
PCB Congener	BZ#183	mg/kg	5	4	0.0019	0.040	0.016
PCB Congener	BZ#187	mg/kg	5	4	0.0040	0.15	0.060
PCB Congener	BZ#194	mg/kg	5	4	0.0011	0.12	0.042
PCB Congener	BZ#195	mg/kg	5	4	0.00027	0.030	0.012
PCB Congener	BZ#196	mg/kg	5	4	0.0023	0.11	0.038
PCB Congener	BZ#201	mg/kg	5	4	0.0024	0.22	0.071
PCB Congener	BZ#203	mg/kg	5	1	0.12	0.12	0.12
PCB Congener	BZ#206	mg/kg	5	5	0.0017	0.33	0.076
PCB Congener	BZ#208	mg/kg	5	4	0.0031	0.14	0.044
PCB Congener	BZ#209	mg/kg	5	3	0.011	0.18	0.067
PCDD-DF	2,3,7,8-TCDD	pg/g	4	0	--	--	--
PCDD-DF	1,2,3,7,8-PeCDD	pg/g	4	0	--	--	--
PCDD-DF	1,2,3,4,7,8-HxCDD	pg/g	4	0	--	--	--
PCDD-DF	1,2,3,6,7,8-HxCDD	pg/g	4	3	1.1	3.1	1.9
PCDD-DF	1,2,3,7,8,9-HxCDD	pg/g	4	1	2.3	2.3	2.3
PCDD-DF	1,2,3,4,6,7,8-HpCDD	pg/g	4	4	18	27	23
PCDD-DF	Octa CDD	pg/g	4	4	180	270	220

Table 4-5. Summary of OU-1/OU-2 Snow Creek Sediment Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
PCDD-DF	2,3,7,8-TCDF	pg/g	4	2	8.3	18	13
PCDD-DF	1,2,3,7,8-PeCDF	pg/g	4	1	13	13	13
PCDD-DF	2,3,4,7,8-PeCDF	pg/g	4	3	8.6	82	33
PCDD-DF	1,2,3,4,7,8-HxCDF	pg/g	4	4	3.4	74	24
PCDD-DF	1,2,3,6,7,8-HxCDF	pg/g	4	4	1.6	20	6.6
PCDD-DF	1,2,3,7,8,9-HxCDF	pg/g	4	1	2.7	2.7	2.7
PCDD-DF	2,3,4,6,7,8-HxCDF	pg/g	4	4	1.2	10	3.9
PCDD-DF	1,2,3,4,6,7,8-HpCDF	pg/g	4	0	--	--	--
PCDD-DF	1,2,3,4,7,8,9-HpCDF	pg/g	4	3	4.3	41	16
PCDD-DF	Octa CDF	pg/g	4	4	11	120	40
PCDD-DF	Total Tetra CDD	pg/g	4	2	3.9	4.2	4.1
PCDD-DF	Total Penta CDD	pg/g	4	0	--	--	--
PCDD-DF	Total Hexa CDD	pg/g	4	4	1.4	13	6.4
PCDD-DF	Total Hepta CDD	pg/g	4	4	35	56	49
PCDD-DF	Total Tetra CDF	pg/g	4	4	70	810	380
PCDD-DF	Total Penta CDF	pg/g	4	4	24	1,100	360
PCDD-DF	Total Hexa CDF	pg/g	4	4	15	270	85
PCDD-DF	Total Hepta CDF	pg/g	4	4	9.9	110	36
PCDD-DF	WHO Dioxin TEQ (Human/Mammal-NDs used at 1/2 DL)	pg/g	4	4	4.8	53	19
PCDD-DF	WHO Dioxin TEQ (Human/Mammal-NDs Excluded)	pg/g	4	4	1.9	36	12
PCDD-DF	Total PCDD/DF	pg/g	4	4	360	2,800	1,200
Metals	Aluminum	mg/kg	11	11	1,900	6,000	3,700
Metals	Antimony	mg/kg	11	6	0.50	2.9	1.3
Metals	Arsenic	mg/kg	17	17	2.3	21	10
Metals	Barium	mg/kg	17	17	52	580	180
Metals	Beryllium	mg/kg	17	15	0.49	4.2	1.7
Metals	Cadmium	mg/kg	17	13	0.23	4.6	0.91
Metals	Calcium	mg/kg	11	11	5,100	73,000	19,000
Metals	Chromium	mg/kg	17	17	28	670	130
Metals	Cobalt	mg/kg	17	16	2.0	110	26
Metals	Copper	mg/kg	11	11	13	230	50

Table 4-5. Summary of OU-1/OU-2 Snow Creek Sediment Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
Metals	Iron	mg/kg	11	11	17,000	100,000	35,000
Metals	Lead	mg/kg	24	24	15	510	72
Metals	Magnesium	mg/kg	11	11	2,100	37,000	10,000
Metals	Manganese	mg/kg	17	17	340	5,200	1,800
Metals	Mercury	mg/kg	17	15	0.029	8.6	1.1
Metals	Molybdenum	mg/kg	2	2	0.88	2.6	1.7
Metals	Nickel	mg/kg	17	17	12	110	35
Metals	Potassium	mg/kg	11	11	170	660	370
Metals	Selenium	mg/kg	9	7	0.34	3.4	1.3
Metals	Silver	mg/kg	11	2	0.60	0.71	0.66
Metals	Sodium	mg/kg	11	0	--	--	--
Metals	Strontium	mg/kg	2	2	10	33	22
Metals	Thallium	mg/kg	11	9	0.75	50	12
Metals	Tin	mg/kg	2	0	--	--	--
Metals	Titanium	mg/kg	2	2	140	160	150
Metals	Vanadium	mg/kg	17	17	5.7	64	31
Metals	Yttrium	mg/kg	2	2	2.1	2.9	2.5
Metals	Zinc	mg/kg	11	11	65	440	160
Inorganics	Chloride	mg/kg	1	1	12	12	12
Inorganics	Cyanide	mg/kg	4	2	0.25	0.30	0.28
PAHs	2-Chloronaphthalene	µg/kg	7	0	--	--	--
PAHs	2-Methylnaphthalene	µg/kg	7	1	27	27	27
PAHs	Acenaphthene	µg/kg	7	1	41	41	41
PAHs	Acenaphthylene	µg/kg	7	2	20	32	26
PAHs	Anthracene	µg/kg	7	4	57	150	110
PAHs	Benzo(a)anthracene	µg/kg	7	5	270	670	450
PAHs	Benzo(a)pyrene	µg/kg	7	5	260	720	410
PAHs	Benzo(b)fluoranthene	µg/kg	7	5	290	1,100	550
PAHs	Benzo(g,h,i)perylene	µg/kg	7	5	120	550	240
PAHs	Benzo(k)fluoranthene	µg/kg	7	5	250	730	400
PAHs	Chrysene	µg/kg	7	5	340	810	520
PAHs	Dibenzo(a,h)anthracene	µg/kg	7	4	30	58	43
PAHs	Fluoranthene	µg/kg	7	5	540	1,600	1,000

Table 4-5. Summary of OU-1/OU-2 Snow Creek Sediment Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
PAHs	Fluorene	µg/kg	7	4	22	100	44
PAHs	Indeno(1,2,3-cd)pyrene	µg/kg	7	5	110	490	220
PAHs	Naphthalene	µg/kg	7	1	38	38	38
PAHs	Phenanthrene	µg/kg	7	5	240	1,000	500
PAHs	Pyrene	µg/kg	7	5	540	1,500	920
PAHs	Total PAHs (Max DL)	µg/kg	7	5	3,200	8,300	5,400
SVOCs	1,1'-Biphenyl	µg/kg	6	1	38	38	38
SVOCs	2,2'-Oxybis(1-Chloropropane)	µg/kg	4	0	--	--	--
SVOCs	2,3,4,6-Tetrachlorophenol	µg/kg	2	0	--	--	--
SVOCs	2,4,5-Trichlorophenol	µg/kg	7	0	--	--	--
SVOCs	2,4,6-Trichlorophenol	µg/kg	7	0	--	--	--
SVOCs	2,4-Dichlorophenol	µg/kg	7	0	--	--	--
SVOCs	2,4-Dimethylphenol	µg/kg	7	0	--	--	--
SVOCs	2,4-Dinitrophenol	µg/kg	7	0	--	--	--
SVOCs	2,4-Dinitrotoluene	µg/kg	7	0	--	--	--
SVOCs	2,6-Dinitrotoluene	µg/kg	7	0	--	--	--
SVOCs	2-Chlorophenol	µg/kg	7	0	--	--	--
SVOCs	2-Methylphenol	µg/kg	7	0	--	--	--
SVOCs	2-Nitroaniline	µg/kg	7	0	--	--	--
SVOCs	2-Nitrophenol	µg/kg	7	0	--	--	--
SVOCs	3,3'-Dichlorobenzidine	µg/kg	7	0	--	--	--
SVOCs	3-Methylphenol/4-Methyphenol (m&p-Cresols)	µg/kg	3	0	--	--	--
SVOCs	3-Nitroaniline	µg/kg	7	0	--	--	--
SVOCs	4,6-Dinitro-2-methylphenol	µg/kg	7	0	--	--	--
SVOCs	4-Bromophenyl-phenylether	µg/kg	7	0	--	--	--
SVOCs	4-Chloro-3-methylphenol	µg/kg	7	0	--	--	--
SVOCs	4-Chloroaniline	µg/kg	7	0	--	--	--
SVOCs	4-Chlorophenyl-phenylether	µg/kg	7	0	--	--	--
SVOCs	4-Methylphenol	µg/kg	4	0	--	--	--
SVOCs	4-Nitroaniline	µg/kg	7	0	--	--	--
SVOCs	4-Nitrophenol	µg/kg	7	0	--	--	--
SVOCs	Acetophenone	µg/kg	6	0	--	--	--
SVOCs	Atrazine	µg/kg	6	0	--	--	--

Table 4-5. Summary of OU-1/OU-2 Snow Creek Sediment Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
SVOCs	Benzaldehyde	µg/kg	6	0	--	--	--
SVOCs	bis(2-Chloroethoxy)methane	µg/kg	7	0	--	--	--
SVOCs	bis(2-Chloroethyl)ether	µg/kg	7	0	--	--	--
SVOCs	bis(2-Chloroisopropyl)ether	µg/kg	3	0	--	--	--
SVOCs	bis(2-Ethylhexyl)phthalate	µg/kg	7	4	53	180	130
SVOCs	Butylbenzylphthalate	µg/kg	7	1	470	470	470
SVOCs	Caprolactam	µg/kg	6	0	--	--	--
SVOCs	Carbazole	µg/kg	7	4	22	170	69
SVOCs	Dibenzofuran	µg/kg	7	1	56	56	56
SVOCs	Diethylphthalate	µg/kg	7	0	--	--	--
SVOCs	Dimethylphthalate	µg/kg	7	0	--	--	--
SVOCs	Di-n-Butylphthalate	µg/kg	7	0	--	--	--
SVOCs	Di-n-Octylphthalate	µg/kg	7	0	--	--	--
SVOCs	Hexachlorobenzene	µg/kg	7	0	--	--	--
SVOCs	Hexachlorobutadiene	µg/kg	7	0	--	--	--
SVOCs	Hexachlorocyclopentadiene	µg/kg	7	0	--	--	--
SVOCs	Hexachloroethane	µg/kg	7	0	--	--	--
SVOCs	Isophorone	µg/kg	7	0	--	--	--
SVOCs	Nitrobenzene	µg/kg	7	0	--	--	--
SVOCs	N-Nitroso-di-n-propylamine	µg/kg	7	0	--	--	--
SVOCs	N-Nitrosodiphenylamine	µg/kg	4	0	--	--	--
SVOCs	Pentachlorophenol	µg/kg	7	0	--	--	--
SVOCs	Phenol	µg/kg	7	0	--	--	--
VOCs	1,1,1,2-Tetrachloroethane	µg/kg	2	0	--	--	--
VOCs	1,1,1-Trichloroethane	µg/kg	7	0	--	--	--
VOCs	1,1,2,2-Tetrachloroethane	µg/kg	7	0	--	--	--
VOCs	1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/kg	6	0	--	--	--
VOCs	1,1,2-Trichloroethane	µg/kg	7	0	--	--	--
VOCs	1,1-Dichloroethane	µg/kg	7	0	--	--	--
VOCs	1,1-Dichloroethene	µg/kg	7	0	--	--	--
VOCs	1,1-Dichloropropene	µg/kg	2	0	--	--	--
VOCs	1,2,3-Trichlorobenzene	µg/kg	2	0	--	--	--
VOCs	1,2,3-Trichloropropane	µg/kg	2	0	--	--	--

Table 4-5. Summary of OU-1/OU-2 Snow Creek Sediment Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
VOCs	1,2,4-Trichlorobenzene	µg/kg	7	0	--	--	--
VOCs	1,2,4-Trimethylbenzene	µg/kg	2	0	--	--	--
VOCs	1,2-Dibromo-3-chloropropane	µg/kg	6	0	--	--	--
VOCs	1,2-Dibromoethane	µg/kg	6	0	--	--	--
VOCs	1,2-Dichlorobenzene	µg/kg	7	0	--	--	--
VOCs	1,2-Dichloroethane	µg/kg	7	0	--	--	--
VOCs	1,2-Dichloropropane	µg/kg	7	0	--	--	--
VOCs	1,3,5-Trimethylbenzene	µg/kg	2	0	--	--	--
VOCs	1,3-Dichlorobenzene	µg/kg	7	0	--	--	--
VOCs	1,4-Dichlorobenzene	µg/kg	7	0	--	--	--
VOCs	2,2-Dichloropropane	µg/kg	2	0	--	--	--
VOCs	2-Butanone	µg/kg	7	4	1.8	7.0	5.5
VOCs	2-Hexanone	µg/kg	7	0	--	--	--
VOCs	4-Methyl-2-pentanone	µg/kg	7	0	--	--	--
VOCs	Acetone	µg/kg	7	4	21	57	42
VOCs	Benzene	µg/kg	7	3	1.6	9,100	3,000
VOCs	Bromobenzene	µg/kg	2	0	--	--	--
VOCs	Bromochloromethane	µg/kg	6	0	--	--	--
VOCs	Bromodichloromethane	µg/kg	7	0	--	--	--
VOCs	Bromoform	µg/kg	7	0	--	--	--
VOCs	Carbon Disulfide	µg/kg	7	4	3.8	8.6	5.8
VOCs	Carbon Tetrachloride	µg/kg	7	0	--	--	--
VOCs	Chlorobenzene	µg/kg	7	0	--	--	--
VOCs	Chloroethane	µg/kg	7	0	--	--	--
VOCs	Chloroform	µg/kg	7	0	--	--	--
VOCs	Chloromethane	µg/kg	7	0	--	--	--
VOCs	cis-1,2-Dichloroethene	µg/kg	7	0	--	--	--
VOCs	cis-1,3-Dichloropropene	µg/kg	7	0	--	--	--
VOCs	Cyclohexane	µg/kg	6	0	--	--	--
VOCs	Dibromochloromethane	µg/kg	7	0	--	--	--
VOCs	Dibromomethane	µg/kg	2	0	--	--	--
VOCs	Dichlorodifluoromethane	µg/kg	6	0	--	--	--
VOCs	Ethylbenzene	µg/kg	7	0	--	--	--

Table 4-5. Summary of OU-1/OU-2 Snow Creek Sediment Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
VOCs	Fluorotrichloromethane	µg/kg	6	0	--	--	--
VOCs	Isopropylbenzene	µg/kg	6	0	--	--	--
VOCs	m,p-Xylenes	µg/kg	4	0	--	--	--
VOCs	Methyl Acetate	µg/kg	6	0	--	--	--
VOCs	Methyl Bromide	µg/kg	7	0	--	--	--
VOCs	Methyl tert-butyl ether	µg/kg	6	0	--	--	--
VOCs	Methylcyclohexane	µg/kg	6	0	--	--	--
VOCs	Methylene Chloride	µg/kg	7	0	--	--	--
VOCs	n-Butylbenzene	µg/kg	2	0	--	--	--
VOCs	n-Propylbenzene	µg/kg	2	0	--	--	--
VOCs	o-Xylene	µg/kg	6	0	--	--	--
VOCs	p-Isopropyltoluene	µg/kg	2	0	--	--	--
VOCs	sec-Butylbenzene	µg/kg	2	0	--	--	--
VOCs	Styrene	µg/kg	7	0	--	--	--
VOCs	tert-Butylbenzene	µg/kg	2	0	--	--	--
VOCs	Tetrachloroethene	µg/kg	7	0	--	--	--
VOCs	Toluene	µg/kg	7	0	--	--	--
VOCs	trans-1,2-Dichloroethene	µg/kg	7	0	--	--	--
VOCs	trans-1,3-Dichloropropene	µg/kg	7	0	--	--	--
VOCs	Trichloroethene	µg/kg	7	0	--	--	--
VOCs	Vinyl Chloride	µg/kg	7	0	--	--	--
VOCs	Xylenes (total)	µg/kg	3	0	--	--	--
Pesticides	4,4'-DDD	µg/kg	7	0	--	--	--
Pesticides	4,4'-DDE	µg/kg	7	0	--	--	--
Pesticides	4,4'-DDT	µg/kg	7	4	5.2	110	56
Pesticides	Aldrin	µg/kg	7	3	7.4	51	30
Pesticides	Alpha-BHC	µg/kg	7	0	--	--	--
Pesticides	alpha-Chlordane	µg/kg	7	2	1.9	2.6	2.3
Pesticides	Beta-BHC	µg/kg	7	1	8.9	8.9	8.9
Pesticides	Delta-BHC	µg/kg	7	1	4.0	4.0	4.0
Pesticides	Dicamba	µg/kg	1	0	--	--	--
Pesticides	Dieldrin	µg/kg	7	3	7.0	68	37
Pesticides	Endosulfan I	µg/kg	7	0	--	--	--

Table 4-5. Summary of OU-1/OU-2 Snow Creek Sediment Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
Pesticides	Endosulfan II	µg/kg	7	1	6.9	6.9	6.9
Pesticides	Endosulfan Sulfate	µg/kg	7	0	--	--	--
Pesticides	Endrin	µg/kg	7	0	--	--	--
Pesticides	Endrin Aldehyde	µg/kg	5	1	7.5	7.5	7.5
Pesticides	Endrin Ketone	µg/kg	7	0	--	--	--
Pesticides	Ethyl Parathion	µg/kg	4	0	--	--	--
Pesticides	Gamma-BHC (Lindane)	µg/kg	7	2	1.8	2.8	2.3
Pesticides	Gamma-Chlordane	µg/kg	7	1	1.9	1.9	1.9
Pesticides	Heptachlor	µg/kg	7	0	--	--	--
Pesticides	Heptachlor Epoxide	µg/kg	7	4	2.5	27	16
Pesticides	Methoxychlor	µg/kg	7	0	--	--	--
Pesticides	Methyl Parathion	µg/kg	4	0	--	--	--
Pesticides	o,o,o-Triethylphosphorothioate	µg/kg	4	0	--	--	--
Pesticides	Sulfotep	µg/kg	4	0	--	--	--
Pesticides	Technical Chlordane	µg/kg	4	0	--	--	--
Pesticides	Toxaphene	µg/kg	7	0	--	--	--
Herbicides/Fungicides	2,4,5-TP	µg/kg	1	0	--	--	--
Herbicides/Fungicides	2,4,5-Trichlorophenoxyacetic acid	µg/kg	1	0	--	--	--
Herbicides/Fungicides	2,4-DB	µg/kg	1	0	--	--	--
Herbicides/Fungicides	2,4-Dichlorophenyl acetic acid	µg/kg	1	0	--	--	--
Herbicides/Fungicides	4-Chloro-2-methylphenoxy acetic acid	µg/kg	1	0	--	--	--
Herbicides/Fungicides	Dalapon	µg/kg	1	0	--	--	--
Herbicides/Fungicides	Dinoseb	µg/kg	1	0	--	--	--
Grain Size	Clay	%	3	2	0.20	0.60	0.40
Grain Size	Silt	%	3	3	0.80	5.4	3.3
Grain Size	Fine Sand	%	3	3	4.7	21	12
Grain Size	Medium Sand	%	3	3	18	40	30
Grain Size	Coarse Sand	%	3	3	8.9	15	12
Grain Size	Gravel	%	3	3	22	61	42
Other	Percent Moisture	%	6	6	14	22	17
Other	Solids, Percent	%	7	7	75	95	83
Other	TOC by Lloyd Kahn	mg/kg	77	59	1,200	91,000	17,000
USEPA Miscellaneous	1,3-Dichloropropane	µg/kg	2	0	--	--	--

Table 4-5. Summary of OU-1/OU-2 Snow Creek Sediment Data for Wider List of Constituents
Anniston PCB Site, Anniston, Alabama

Parameter Group	Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
USEPA Miscellaneous	2-Methylchlorobenzene	µg/kg	2	0	--	--	--
USEPA Miscellaneous	alpha-Chlordene	µg/kg	2	0	--	--	--
USEPA Miscellaneous	beta-Chlordene	µg/kg	2	0	--	--	--
USEPA Miscellaneous	Chlordene	µg/kg	2	0	--	--	--
USEPA Miscellaneous	cis-Nonachlor	µg/kg	2	0	--	--	--
USEPA Miscellaneous	Decamethylcyclopentasiloxane	µg/kg	1	1	20	20	20
USEPA Miscellaneous	Dodecamethylcyclohexasiloxane	µg/kg	1	1	18	18	18
USEPA Miscellaneous	MCPP	µg/kg	1	0	--	--	--
USEPA Miscellaneous	N-Nitrosodiphenylamine/diphenylalamine	µg/kg	3	0	--	--	--
USEPA Miscellaneous	Octamethylcyclotetrasiloxane	µg/kg	1	1	11	11	11
USEPA Miscellaneous	Oxychlordane	µg/kg	2	0	--	--	--
USEPA Miscellaneous	p-Chlorotoluene	µg/kg	2	0	--	--	--
USEPA Miscellaneous	trans-Nonachlor	µg/kg	2	0	--	--	--

Notes:

--: not applicable

%: percent

DL: detection limit

mg/kg: milligrams per kilogram

µg/kg: micrograms per kilogram

PAHs: polycyclic aromatic hydrocarbons

PCB: polychlorinated biphenyl

PCDD/DF: polychlorinated dibenzo-p-dioxins/dibenzofurans

pg/g: picograms per gram

SVOCs: semivolatile organic compounds

TOC: total organic carbon

TEQ: 2,3,7,8-TCDD toxicity equivalent

USEPA: United States Environmental Protection Agency

VOCs: volatile organic compounds

WHO: World Health Organization

Table 4-6. Summary of RCRA Program Calculated Surface Water Data for Snow Creek
Anniston PCB Site, Anniston, Alabama

Sampling Location	Flow Event Type	Date	Flow (cfs)	TSS (mg/L)	Particulate Total PCB (mg/kg)	Calculated Whole Water PCB (µg/L)
14th Street (Upstream)	Base	June 21,1999	0.02	66	11.7	0.772
16th Street (Upstream)		June 21,1999	1.2	52	0.9	0.045
Snow Street	Base	March 22-23, 1999	16	17	9.9	0.168
		May 3-4,1999	5.0	20	2.7	0.054
		May 26-27,1999	3.4	2.5*	1.0	0.002
		June 14,1999	2.6	2.5*	0.9	0.002
		September 27-28,1999	1.6	2.5*	0.2	0.000
		January 18,2000	2.9	2.5*	16.4	0.041
	High	April 27,1999	205	230	3.7	0.851
		April 27,1999	135	280	3.3	0.930
Oxford Park	High	January 19, 2002	480	270/290	5.2	1.196
		January 25, 2002	257	78/250	6.0	0.984
		February 6, 2002	221	41/35	5.9	0.224
		March 12, 2002	154	620	7.5	4.650
		March 30, 2002	224	400/390	2.8	1.086
		May 3, 2002	146	290/390	0.5	0.173
		June 4, 2002	133	480/350	1.7	0.685
		June 14, 2002	118	180/270	0.3	0.060
		July 10, 2002	206	220/230	5.4	1.215
		August 17, 2002	152	110/120	1.1	0.121
		August 28, 2002	154	270/280	4.1	1.130
		September 22, 2002	214	230/210	1.6	0.359
		September 25, 2002	214	100	6.3	0.630
		October 29, 2002	164	450/400	2.5	1.075
		October 29, 2002	162	150/140	3.6	0.515
		November 11, 2002	299	340/310	5.7	1.853
		November 15, 2002	172	170/160	5.0	0.825

Notes:

Flows at Oxford Park were calculated from stage data.

The total PCB concentration was calculated as the sum of detected Aroclors. For nondetected results, one-half the sample reporting limit was used.

* : TSS was not detected above the 5 mg/L detection limit. The value 2.5 represents one-half the detection limit.

exceeds chronic criterion of 0.014 µg/L

cfs: cubic feet per second
mg/L: milligrams per liter
mg/kg: milligrams per kilogram
µg/L: micrograms per liter
OU: operable unit
PCB: polychlorinated biphenyl
RCRA: Resource Conservation and Recovery Act
TSS: total suspended solids - Results for the Oxford Park location may include duplicate measurements from a single composite sample collected from the automated sampling unit.

Table 4-7. OU-1/OU-2 Investigation Surface Water Data for Snow Creek
Anniston PCB Site, Anniston, Alabama

Location ID	Units	Screening Level	Oxford Park	Oxford Park	Oxford Park	Oxford Park	Oxford Park	Oxford Park
Sample ID			S50048	S50049	S50050	S50051	S50052	S50053
Sample Date			3/16/2007	3/16/2007	6/8/2007	6/8/2007	6/20/2007	6/20/2007
Total Suspended Solids			**310**	--	**64**	--	**496**	--
Aroclor-1016	mg/L	0.000014	0.00051 U	0.0005 U	0.0005 UJ	--	0.00054 U	--
Aroclor-1221	mg/L	0.000014	0.00051 U	0.0005 U	0.0005 UJ	--	0.00054 U	--
Aroclor-1232	mg/L	0.000014	0.00051 U	0.0005 U	0.0005 UJ	--	0.00054 U	--
Aroclor-1242	mg/L	0.000014	0.00051 U	0.0005 U	0.0005 UJ	--	0.00054 U	--
Aroclor-1248	mg/L	0.000014	0.00051 U	0.0005 U	0.0005 UJ	--	0.00054 U	--
Aroclor-1254	mg/L	0.000014	0.00051 U	0.0005 U	0.0005 UJ	--	0.00054 U	--
Aroclor-1260	mg/L	0.000014	0.00051 U	0.0005 U	0.0005 UJ	--	0.00054 U	--
Aroclor-1262	mg/L	--	0.00051 U	0.0005 U	0.0005 UJ	--	0.00054 U	--
Aroclor-1268	mg/L	--	0.00051 U	0.0005 U	0.0005 UJ	--	0.00054 U	--
Total PCBs	mg/L	--	0.00051 U	0.0005 U	0.0005 UJ	--	0.00054 U	--
1,1,1-Trichloroethane	µg/L	528	5 U	5 U	5 U	--	5 U	--
1,1,2,2-Tetrachloroethane	µg/L	240	5 U	5 U	5 U	--	5 U	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/L	--	5 U	5 U	5 U	--	5 U	--
1,1,2-Trichloroethane	µg/L	940	5 U	5 U	5 U	--	5 U	--
1,1-Dichloroethane	µg/L	--	5 U	5 U	5 U	--	5 U	--
1,1-Dichloroethene	µg/L	303	5 U	5 U	5 U	--	5 U	--
1,2,4-Trichlorobenzene	µg/L	44.9	5 U	5 U	5 U	--	5 U	--
1,2-Dibromo-3-chloropropane	µg/L	--	5 U	5 U	5 U	--	5 U	--
1,2-Dibromoethane	µg/L	--	5 U	5 U	5 U	--	5 U	--
1,2-Dichlorobenzene	µg/L	15.8	5 U	5 U	5 U	--	5 U	--
1,2-Dichloroethane	µg/L	2000	5 U	5 U	5 U	--	5 U	--
1,2-Dichloroethene (total)	µg/L	--	5 U	5 U	5 U	--	5 U	--
1,2-Dichloropropane	µg/L	525	5 U	5 U	5 U	--	5 U	--
1,3-Dichlorobenzene	µg/L	50.2	5 U	5 U	5 U	--	5 U	--
1,4-Dichlorobenzene	µg/L	11.2	5 U	5 U	5 U	--	5 U	--
2-Butanone	µg/L	--	5 U	5 U	1.3 J	--	5 UJ	--
2-Hexanone	µg/L	--	5 U	5 U	5 U	--	5 U	--
4-Methyl-2-pentanone	µg/L	--	5 U	5 U	5 U	--	5 U	--
Acetone	µg/L	--	4.5 J	4.6 J	5.6	--	5 U	--
Benzene	µg/L	53	5 U	5 U	5 U	--	5 U	--
Bromochloromethane	µg/L	--	5 U	5 U	5 U	--	5 U	--
Bromodichloromethane	µg/L	--	5 U	5 U	5 U	--	5 U	--
Bromoform	µg/L	293	5 U	5 U	5 U	--	5 U	--
Bromomethane	µg/L	110	5 U	5 U	5 UJ	--	5 U	--
Carbon Disulfide	µg/L	--	5 U	5 U	5 U	--	5 U	--
Carbon Tetrachloride	µg/L	352	5 U	5 U	5 U	--	5 U	--
Chlorobenzene	µg/L	195	5 U	5 U	5 U	--	5 U	--
Chloroethane	µg/L	--	5 UJ	5 UJ	5 UJ	--	5 UJ	--
Chloroform	µg/L	289	5 U	5 U	5 U	--	5 U	--
Chloromethane	µg/L	5500	5 U	5 U	5 U	--	5 U	--
cis-1,2-Dichloroethene	µg/L	--	5 U	5 U	5 U	--	5 U	--

Table 4-7. OU-1/OU-2 Investigation Surface Water Data for Snow Creek
Anniston PCB Site, Anniston, Alabama

Location ID	Units	Screening Level	Oxford Park	Oxford Park	Oxford Park	Oxford Park	Oxford Park	Oxford Park
Sample ID			S50048	S50049	S50050	S50051	S50052	S50053
Sample Date			3/16/2007	3/16/2007	6/8/2007	6/8/2007	6/20/2007	6/20/2007
Total Suspended Solids			**310**	--	**64**	--	**496**	--
cis-1,3-Dichloropropene	µg/L	24	5 U	5 U	5 U	--	5 U	--
Cyclohexane	µg/L	--	5 U	5 U	5 U	--	5 U	--
Dibromochloromethane	µg/L	--	5 U	5 U	5 U	--	5 U	--
Dichlorodifluoromethane	µg/L	--	5 U	5 U	5 U	--	5 U	--
Ethylbenzene	µg/L	453	5 U	5 U	5 U	--	5 U	--
Isopropylbenzene	µg/L	--	5 U	5 U	5 U	--	5 U	--
m,p-Xylenes	µg/L	--	--	--	5 U	--	5 U	--
Methyl Acetate	µg/L	--	5 U	5 U	5 U	--	5 UJ	--
Methyl tert-butyl ether	µg/L	--	5 U	5 U	5 U	--	5 U	--
Methylcyclohexane	µg/L	--	5 U	5 U	5 U	--	5 U	--
Methylene Chloride	µg/L	1930	5 U	5 U	5 U	--	5 U	--
o-Xylene	µg/L	--	5 U	5 U	5 U	--	5 U	--
Styrene	µg/L	--	5 U	5 U	5 U	--	5 U	--
Tetrachloroethene	µg/L	84	5 U	5 U	5 U	--	5 U	--
Toluene	µg/L	175	5 U	5 U	5 U	--	5 U	--
trans-1,2-Dichloroethene	µg/L	1350	5 U	5 U	5 U	--	5 U	--
trans-1,3-Dichloropropene	µg/L	24	5 U	5 U	5 U	--	5 U	--
Trichloroethene	µg/L	--	5 U	5 U	5 U	--	5 U	--
Trichlorofluoromethane	µg/L	--	5 U	5 U	5 U	--	5 U	--
Vinyl Chloride	µg/L	--	5 U	5 U	5 U	--	5 U	--
Xylenes (total)	µg/L	--	5 U	5 U	5 U	--	5 U	--
1,1'-Biphenyl	µg/L	--	9.4 U	9.4 U	11 U	--	11 U	--
1,2,4-Trichlorobenzene	µg/L	44.9	9.4 U	9.4 U	--	--	--	--
1,2-Dichlorobenzene	µg/L	15.8	9.4 U	9.4 U	--	--	--	--
1,3-Dichlorobenzene	µg/L	50.2	9.4 U	9.4 U	--	--	--	--
1,4-Dichlorobenzene	µg/L	11.2	9.4 U	9.4 U	--	--	--	--
2,2'-Oxybis(1-Chloropropane)	µg/L	--	9.4 U	9.4 U	11 U	--	11 U	--
2,4,5-Trichlorophenol	µg/L	--	24 U	24 U	27 U	--	27 U	--
2,4,6-Trichlorophenol	µg/L	3.2	9.4 U	9.4 U	11 U	--	11 U	--
2,4-Dichlorophenol	µg/L	36.5	9.4 U	9.4 U	11 U	--	11 U	--
2,4-Dimethylphenol	µg/L	3500	9.4 U	9.4 U	11 U	--	11 U	--
2,4-Dinitrophenol	µg/L	6.2	24 UJ	24 UJ	27 UJ	--	27 U	--
2,4-Dinitrotoluene	µg/L	310	9.4 U	9.4 U	11 U	--	11 U	--
2,6-Dinitrotoluene	µg/L	--	9.4 U	9.4 U	11 U	--	11 U	--
2-Chloronaphthalene	µg/L	--	9.4 U	9.4 U	11 U	--	11 U	--
2-Chlorophenol	µg/L	43.8	9.4 U	9.4 U	11 U	--	11 U	--
2-Methylnaphthalene	µg/L	--	9.4 U	9.4 U	11 UJ	--	11 UJ	--
2-Methylphenol	µg/L	--	9.4 U	9.4 U	11 U	--	11 U	--
2-Nitroaniline	µg/L	--	24 U	24 U	27 U	--	27 U	--
2-Nitrophenol	µg/L	6.2	9.4 U	9.4 U	11 U	--	11 U	--
3,3'-Dichlorobenzidine	µg/L	--	9.4 U	9.4 U	11 U	--	11 U	--

Table 4-7. OU-1/OU-2 Investigation Surface Water Data for Snow Creek
Anniston PCB Site, Anniston, Alabama

Location ID	Units	Screening Level	Oxford Park	Oxford Park	Oxford Park	Oxford Park	Oxford Park	Oxford Park
Sample ID			S50048	S50049	S50050	S50051	S50052	S50053
Sample Date			3/16/2007	3/16/2007	6/8/2007	6/8/2007	6/20/2007	6/20/2007
Total Suspended Solids			**310**	--	**64**	--	**496**	--
3-Nitroaniline	µg/L	--	24 U	24 U	27 U	--	27 U	--
4,4'-DDD	µg/L	0.0064	0.1 U	--	0.11 U	--	0.11 U	0.11 U
4,4'-DDE	µg/L	10.5	0.1 U	--	0.11 U	--	0.11 U	0.11 U
4,4'-DDT	µg/L	0.001	0.1 U	--	0.11 U	--	0.11 U	0.11 U
4,6-Dinitro-2-methylphenol	µg/L	2.3	24 U	24 U	27 U	--	27 U	--
4-Bromophenyl-phenylether	µg/L	12.2	9.4 U	9.4 U	11 U	--	11 U	--
4-Chloro-3-Methylphenol	µg/L	0.3	9.4 U	9.4 U	11 U	--	11 U	--
4-Chloroaniline	µg/L	--	9.4 U	9.4 U	11 U	--	11 U	--
4-Chlorophenyl-phenylether	µg/L	--	9.4 U	9.4 U	11 U	--	11 U	--
4-Methylphenol	µg/L	--	9.4 U	9.4 U	11 U	--	11 U	--
4-Nitroaniline	µg/L	--	24 U	24 U	27 U	--	27 U	--
4-Nitrophenol	µg/L	82.8	24 U	24 U	27 U	--	27 U	--
Acenaphthene	µg/L	17	9.4 U	9.4 U	11 U	--	11 U	--
Acenaphthylene	µg/L	--	9.4 U	9.4 U	11 U	--	11 U	--
Acetophenone	µg/L	--	0.55 J	0.53 J	11 U	--	11 U	--
Aldrin	µg/L	0.3	0.05 U	--	0.053 U	--	0.054 U	0.054 U
Alpha-BHC	µg/L	500	0.05 U	--	0.053 U	--	0.054 U	0.054 U
Alpha-Chlordane	µg/L	0.0043	0.05 U	--	0.053 U	--	0.054 U	0.054 U
Aniline	µg/L	--	24 U	24 U	--	--	--	--
Anthracene	µg/L	--	9.4 U	9.4 U	11 U	--	11 U	--
Atrazine	µg/L	--	9.4 U	9.4 U	11 U	--	11 U	--
Azobenzene	µg/L	--	9.4 U	9.4 U	--	--	--	--
Benzaldehyde	µg/L	--	24 U	24 U	11 UJ	--	11 U	--
Benzidine	µg/L	--	24 UJ	24 UJ	--	--	--	--
Benzo(a)anthracene	µg/L	--	0.71 J	0.67 J	11 U	--	1.7 J	--
Benzo(a)pyrene	µg/L	--	1 J	0.9 J	11 U	--	2.5 J	--
Benzo(b)fluoranthene	µg/L	--	1.2 J	1.3 J	11 U	--	3.6 J	--
Benzo(g,h,i)perylene	µg/L	--	1.2 J	1.2 J	11 UJ	--	1.9 J	--
Benzo(k)fluoranthene	µg/L	--	1.7 J	1.2 J	11 U	--	2.5 J	--
Benzoic Acid	µg/L	--	1.9 J	0.44 J	--	--	--	--
Benzyl Alcohol	µg/L	--	9.4 U	9.4 U	--	--	--	--
Beta-BHC	µg/L	5000	0.05 U	--	0.053 U	--	0.054 U	0.054 U
bis(2-Chloroethoxy)methane	µg/L	--	9.4 U	9.4 U	11 U	--	11 U	--
bis(2-Chloroethyl)ether	µg/L	2380	9.4 U	9.4 U	11 U	--	11 U	--
bis(2-Ethylhexyl)phthalate	µg/L	0.3	5.2 J	3.3 J	8.3 J	--	5.4 J	--
Butylbenzylphthalate	µg/L	22	0.5 J	9.4 U	11 U	--	11 U	--
Caprolactam	µg/L	--	9.4 U	9.4 U	11 U	--	11 U	--
Carbazole	µg/L	--	9.4 U	9.4 U	11 U	--	0.61 J	--

Table 4-7. OU-1/OU-2 Investigation Surface Water Data for Snow Creek
Anniston PCB Site, Anniston, Alabama

Location ID	Units	Screening Level	Oxford Park	Oxford Park	Oxford Park	Oxford Park	Oxford Park	Oxford Park
Sample ID			S50048	S50049	S50050	S50051	S50052	S50053
Sample Date			3/16/2007	3/16/2007	6/8/2007	6/8/2007	6/20/2007	6/20/2007
Total Suspended Solids			**310**	--	**64**	--	**496**	--
Chrysene	µg/L	--	1.6 J	1.5 J	11 U	--	4.7 J	--
Delta-BHC	µg/L	--	0.05 U	--	0.053 U	--	0.054 U	0.054 U
Dibenzo(a,h)anthracene	µg/L	--	9.4 U	9.4 U	11 U	--	11 U	--
Dibenzofuran	µg/L	--	9.4 U	9.4 U	11 U	--	11 U	--
Dieldrin	µg/L	0.0019	0.1 U	--	0.11 U	--	0.11 U	0.11 U
Diethylphthalate	µg/L	521	9.4 U	9.4 U	11 U	--	11 U	--
Dimethylphthalate	µg/L	330	9.4 U	9.4 U	11 U	--	11 U	--
Di-n-Butylphthalate	µg/L	9.4	9.4 U	9.4 U	11 U	--	11 U	--
Di-n-Octylphthalate	µg/L	--	9.4 U	9.4 U	11 U	--	11 U	--
Endosulfan II	µg/L	0.056	0.1 U	--	0.11 U	--	0.11 U	0.11 U
Endosulfan I	µg/L	0.056	0.05 U	--	0.053 U	--	0.054 U	0.054 U
Endosulfan Sulfate	µg/L	--	0.1 U	--	0.11 U	--	0.11 U	0.11 U
Endrin Aldehyde	µg/L	--	0.1 U	--	0.11 U	--	0.11 U	0.11 U
Endrin Ketone	µg/L	--	0.1 U	--	0.11 U	--	0.11 U	0.11 U
Endrin	µg/L	0.0023	0.1 U	--	0.11 U	--	0.11 U	0.11 U
Fluoranthene	µg/L	39.8	2.8 J	2.7 J	11 U	--	8.2 J	--
Fluorene	µg/L	--	9.4 U	9.4 U	11 U	--	11 U	--
Gamma-BHC (Lindane)	µg/L	0.08	0.05 U	--	0.053 U	--	0.054 U	0.054 U
Gamma-Chlordane	µg/L	0.0043	0.05 U	--	0.053 U	--	0.054 U	0.054 U
Heptachlor Epoxide	µg/L	0.0038	0.05 U	--	0.053 U	--	0.054 U	0.054 U
Heptachlor	µg/L	0.0038	0.05 U	--	0.053 U	--	0.054 U	0.054 U
Hexachlorobenzene	µg/L	--	9.4 U	9.4 U	11 U	--	11 U	--
Hexachlorobutadiene	µg/L	0.93	9.4 U	9.4 U	11 U	--	11 U	--
Hexachlorocyclopentadiene	µg/L	0.07	9.4 U	9.4 U	11 UJ	--	11 UJ	--
Hexachloroethane	µg/L	9.8	9.4 U	9.4 U	11 U	--	11 U	--
Indeno(1,2,3-cd)pyrene	µg/L	--	0.88 J	0.79 J	11 U	--	1.7 J	--
Isophorone	µg/L	1170	9.4 U	9.4 U	11 U	--	11 U	--
Methoxychlor	µg/L	0.03	0.5 U		0.53 U	--	0.54 U	0.54 U
Naphthalene	µg/L	62	9.4 U	9.4 U	11 U	--	11 U	--
Nitrobenzene	µg/L	270	9.4 U	9.4 U	11 U	--	11 U	--
N-Nitrosodimethylamine	µg/L	--	9.4 U	9.4 U		--	--	--
N-Nitroso-di-n-propylamine	µg/L	--	9.4 U	9.4 U	11 U	--	11 U	--
N-Nitrosodiphenylamine	µg/L	58.5	9.4 U	9.4 U	11 U	--	11 U	--
Pentachlorophenol	µg/L	13	24 U	24 U	27 U	--	27 U	--
Phenanthrene	µg/L	--	1.2 J	1.2 J	11 U	--	2 J	--
Phenol	µg/L	256	9.4 U	9.4 U	11 U	--	11 U	--
Pyrene	µg/L	--	2 J	2 J	11 U	--	6.1 J	--
Pyridine	µg/L	--	9.4 U	9.4 U	--	--	--	--
Technical Chlordane	µg/L	--	0.5 U	--	0.53 U	--	0.54 U	0.54 U
Total PAHs	µg/L	--	14.3 J	13.5 J	ND	--	34.9 J	--
Toxaphene	µg/L	0.0002	5 U	--	5.3 U	--	5.4 U	5.4 U

Table 4-7. OU-1/OU-2 Investigation Surface Water Data for Snow Creek
Anniston PCB Site, Anniston, Alabama

Location ID	Units	Screening Level	Oxford Park	Oxford Park	Oxford Park	Oxford Park	Oxford Park	Oxford Park
Sample ID			S50048	S50049	S50050	S50051	S50052	S50053
Sample Date			3/16/2007	3/16/2007	6/8/2007	6/8/2007	6/20/2007	6/20/2007
Total Suspended Solids			**310**	--	**64**	--	**496**	--
Ethyl Parathion	µg/L	--	1.1 U	--	1 U	--	R	R
Methyl Parathion	µg/L	--	1.1 U	--	1 U	--	R	R
o,o,o-Triethylphosphorothioate	µg/L	--	1.1 U	--	1 U	--	R	R
Sulfotep	µg/L	--	1.1 U	--	1 U	--	R	R
Aluminum	µg/L	87	7480 J	--	1580	1380	16000	
Antimony	µg/L	160	7.2 U	--	7.2 U	8.3 B	12.2 U	--
Arsenic	µg/L	190	5.4 BJ	--	6 B	2.2 U	9.2 B	--
Barium	µg/L	--	92.9 B	--	25.6 B	24.1 B	201	--
Beryllium	µg/L	0.53	5 U	--	0.22 B	0.16 U	1.2 B	--
Cadmium	µg/L	0.66	5 U	--	0.39 U	0.39 U	1.4 B	--
Calcium	µg/L	--	16800	--	8240	8140	32400	--
Chromium	µg/L	--	10.8	--	2 B	2.2 B	32.9	--
Cobalt	µg/L	--	5 B	--	1.9 U	1.9 U	12.2 B	--
Copper	µg/L	6.54	35.5	--	8.4 B	9.1 B	101	--
Cyanide	µg/L	5.2	3 U	--	3 U	--	3 U	3 U
Iron	µg/L	1000	11400	--	2480 J	1680 J	24200	--
Lead	µg/L	1.32	28.6	--	4.8 B	4.2 B	96.4	--
Magnesium	µg/L	--	6650	--	3730 B	3670 B	13800	--
Manganese	µg/L	--	640	--	72.8	68.5	2400	--
Mercury	µg/L	0.012	0.15 B	--	0.018 U	0.018 U	0.43	--
Nickel	µg/L	87.71	8.2 B	--	2.4 U	2.4 U	23.2 B	--
Potassium	µg/L	--	3500 B	--	2970 B	3000 B	5150	--
Selenium	µg/L	5	1.9 U	--	3.2 B	4.5 B	1.9 U	--
Silver	µg/L	0.012	2 U	--	2 U	2 U	2 U	--
Sodium	µg/L	--	3920 B	--	1800 B	1400 B	2860 B	--
Thallium	µg/L	4	5 U	--	5 U	5 U	5.5 B	--
Vanadium	µg/L	--	16.4 B	--	4.8 B	4.1 B	33.9 B	--
Zinc	µg/L	58.91	150 J	--	29.6 U	28.9 U	461	--
Total Monochlorobiphenyl	µg/L	--	0.0052 J	0.0074 J	0.01387 J	--	0.005321 J	--
Total Dichlorobiphenyl	µg/L	--	0.023 J	0.028 J	0.02056 J	--	0.01113 J	--
Total Trichlorobiphenyl	µg/L	--	0.048 J	0.068 J	0.02622 J	--	0.02414 J	--
Total Tetrachlorobiphenyl	µg/L	--	0.094 J	0.15 J	0.04708 J	--	0.03946 J	--
Total Pentachlorobiphenyl	µg/L	--	0.1 J	0.14 J	0.03986 J	--	0.03479 J	--
Total Hexachlorobiphenyl	µg/L	--	0.081 J	0.11 J	0.03405 J	--	0.02733 J	--
Total Heptachlorobiphenyl	µg/L	--	0.049 J	0.047 J	0.01958 J	--	0.01624 J	--
Total Octachlorobiphenyl	µg/L	--	0.05 UJ	0.035 J	0.02663 J	--	0.005959 J	--
Total Nonachlorobiphenyl	µg/L	--	0.05 UJ	0.011 J	0.07275 J	--	0.005025 J	--
Decachlorobiphenyl	µg/L	--	0.02 UJ	0.2 UJ	0.09747	--	0.005342 J	--
Total Homolog PCB	µg/L	--	0.4 J	0.59 J	0.3981 J	--	0.1747 J	--
BZ#77	µg/L	--	0.041 U	0.04 U	0.02 U	--	0.022 U	--
BZ#81	µg/L	--	0.061 U	0.06 U	0.04 UJ	--	0.043 U	--

Table 4-7. OU-1/OU-2 Investigation Surface Water Data for Snow Creek
Anniston PCB Site, Anniston, Alabama

Location ID	Units	Screening Level	Oxford Park	Oxford Park	Oxford Park	Oxford Park	Oxford Park	Oxford Park
Sample ID			S50048	S50049	S50050	S50051	S50052	S50053
Sample Date			3/16/2007	3/16/2007	6/8/2007	6/8/2007	6/20/2007	6/20/2007
Total Suspended Solids			**310**	--	**64**	--	**496**	--
BZ#105	µg/L	--	0.02 U	0.02 U	0.02 U	--	0.022 U	--
BZ#114	µg/L	--	0.041 U	0.04 U	0.02 U	--	0.022 U	--
BZ#118	µg/L	--	0.022	0.034	0.02 U	--	0.022 U	--
BZ#123	µg/L	--	0.041 U	0.04 U	0.02 UJ	--	0.022 U	--
BZ#126	µg/L	--	0.02 U	0.02 U	0.02 U	--	0.022 U	--
BZ#153	µg/L	--	0.041 U	0.04 U	0.04 U	--	0.043 U	--
BZ#156	µg/L	--	0.02 U	0.02 U	0.02 U	--	0.022 U	--
BZ#157	µg/L	--	0.041 U	0.04 U	0.02 U	--	0.022 U	--
BZ#167	µg/L	--	0.041 U	0.04 U	0.04 U	--	0.043 U	--
BZ#169	µg/L	--	0.02 U	0.02 U	0.02 U	--	0.022 U	--
BZ#189	µg/L	--	0.02 U	0.02 U	0.02 U	--	0.022 U	--
1,2,3,4,6,7,8-HpCDD	pg/L	--	54.8	89.1	15.7	--	173	--
1,2,3,4,6,7,8-HpCDF	pg/L	--	23	32.8	4.6 UXA	--	67 UXA	--
1,2,3,4,7,8,9-HpCDF	pg/L	--	1.77	2.87	0.98 U	--	6.2	--
1,2,3,4,7,8-HxCDD	pg/L	--	1.13	2.59	0.69 U	--	4	--
1,2,3,4,7,8-HxCDF	pg/L	--	6.68 XC	7.75 XC	0.99 UXA	--	18.1 XC	--
1,2,3,6,7,8-HxCDD	pg/L	--	2.37	6.07	0.76	--	8.15	--
1,2,3,6,7,8-HxCDF	pg/L	--	2.22	2.98	1.63	--	8.42	--
1,2,3,7,8,9-HxCDD	pg/L	--	2.64	6.78	0.95	--	11.2 XC	--
1,2,3,7,8,9-HxCDF	pg/L	--	0.63 U	0.62 U	0.73 U	--	0.71 U	--
1,2,3,7,8-PeCDD	pg/L	--	0.55 U	2.21	0.58 U	--	2.58	--
1,2,3,7,8-PeCDF	pg/L	--	1.6	1.58	1.2 U	--	4.8	--
2,3,4,6,7,8-HxCDF	pg/L	--	1.69	2.29	0.64 U	--	5.48	--
2,3,4,7,8-PeCDF	pg/L	--	3.7	4.17	2	--	15.6	--
2,3,7,8-TCDD	pg/L	10	0.57 U	0.57 U	0.59 U	--	0.84 U	--
2,3,7,8-TCDF	pg/L	--	9.9	11 UY	12.3	--	37.6	--
Octa CDD	pg/L	--	791	961	148	--	1890	--
Octa CDF	pg/L	--	38.2	51.1	8.8	--	149	--
Total Hepta CDD	pg/L	--	123	186	31.9	--	416	--
Total Hepta CDF	pg/L	--	44.7	65.2	5.4 UXA	--	72.7	--
Total Hexa CDD	pg/L	--	27.4	50.7	4.69	--	62.9	--
Total Hexa CDF	pg/L	--	36.4	49.5	9.04	--	118	--
Total Penta CDD	pg/L	--	4.5 UXA	2.21	5.6 UXA	--	2.58	--
Total Penta CDF	pg/L	--	51.4	59.8	28.9	--	215	--
Total Tetra CDD	pg/L	--	9.18	11.8	1.1 UXA	--	35.1	--

Table 4-7. OU-1/OU-2 Investigation Surface Water Data for Snow Creek
Anniston PCB Site, Anniston, Alabama

Location ID	Units	Screening Level	Oxford Park	Oxford Park	Oxford Park	Oxford Park	Oxford Park	Oxford Park
Sample ID			**S50048**	**S50049**	**S50050**	**S50051**	**S50052**	**S50053**
Sample Date			**3/16/2007**	**3/16/2007**	**6/8/2007**	**6/8/2007**	**6/20/2007**	**6/20/2007**
Total Suspended Solids			**310**	--	**64**	--	**496**	--
Total Tetra CDF	pg/L	--	98.5	112	53.2	--	418	--
WHO Dioxin TEQ	pg/L	--	5.47	8.57	2.74	--	21.9	--

Notes:
--: not available or not applicable
B (metals): Indicates an estimated value between the instrument detection limit (IDL) and the reporting limit (RL).
J: The analyte was positively identified; however, the associated numerical value is an estimated concentration only.
R: Sample results are rejected.
U: The analyte was analyzed for but not detected. The associated value is the compound quantitation limit.
UJ: The analyte was analyzed for but not detected. The associated value is the estimated compound quantitation limit.
XA (PCDD/DF): EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.
XC (PCDD/DF): EMPC / Merged Peak
Y (PCDD/DF): RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.
EMPC: estimated maximum possible concentration
ID: identification
mg/L: milligrams per liter
NDR: negative differential resistance
PCDD/DF: polychlorinated dibenzo-p-dioxins/dibenzofurans
pg/L: picograms per liter
RT: retention time
TEQ: 2,3,7,8-TCDD toxicity equivalent
WHO: World Health Organization
µg/L: micrograms per liter
Screening Values:
USEPA. 2001b. Supplemental Guidance to RAGS: Region 4 Bulletins, Ecological Risk Assessment. Originally published November 1995. Website version last updated November 30, 2001: http://www.USEPA.gov/region4/waste/ots/ecolbul.htm Table 1. Region 4 Waste Management Division Freshwater Surface Water Screening Values for Hazardous Waste Sites. Chronic values are lower than acute values and were used as selected screening value.

Table 4-8. Summary of Groundwater Analytical Results
OU-1/OU-2 Groundwater Investigations
Anniston PCB Site, Anniston, Alabama

Parameter	Unit	T-08 4/14/2008	T-08 F-0.1 4/14/2008	T-08 F-2 4/14/2008	T-09 4/13/2008	T-09F-0.1 4/13/2008	T-09F-2 4/13/2008	T-10 4/13/2008	T-10F-0.1 4/13/2008	T-10F-2 4/13/2008	T-11 4/14/2008	T-11F-0.1 4/14/2008	T-11F-2 4/14/2008	T-11 10/24/2008	T-11F-0.1 10/24/2008
Ground Surface Elevation	Feet MSL	724.65	724.65	724.65	742.47	742.47	742.47	737.20	737.20	737.20	695.32	695.32	695.32	695.32	695.32
Total Well Depth	Feet BGS	25.0	25.0	25.0	37.0	37.0	37.0	35.0	35.0	35.0	13.5	13.5	13.5	13.5	13.5
Oxygen, Dissolved	mg/L	0.28	0.28	0.28	2.19	2.19	2.19	2.46	2.46	2.46	0.34	0.34	0.34	0.47	0.47
pH	S.U.	6.85	6.85	6.85	5.89	5.89	5.89	5.68	5.68	5.68	6.34	6.34	6.34	6.17	6.17
Specific Conductance	mS/cm	0.356	0.356	0.356	0.236	0.236	0.236	0.221	0.221	0.221	0.424	0.424	0.424	0.419	0.419
Turbidity	NTU	8.4	8.4	8.4	2.37	2.37	2.37	43.7	43.7	43.7	> 1000	> 1000	> 1000	3.45	3.45
Water Temperature in deg Celsius	Deg C	16.69	16.69	16.69	18.41	18.41	18.41	15.67	15.67	15.67	14.59	14.59	14.59	17.25	17.25
ORP	mV	-136.4	-136.4	-136.4	208.7	208.7	208.7	301	301	301	-71	-71	-71	-8	-8
PCB-1016	µg/L	<0.47	<0.50	<0.47	<0.47	<0.47	<0.47	<0.49	<0.49	<0.49	<0.47	<0.49	<0.47	<0.47	<0.47
PCB-1221	µg/L	<0.47	<0.50	<0.47	<0.47	<0.47	<0.47	<0.49	<0.49	<0.49	3.3 J	<0.49	<0.47	<0.47	<0.47
PCB-1232	µg/L	<0.47	<0.50	<0.47	<0.47	<0.47	<0.47	<0.49	<0.49	<0.49	<0.47	<0.49	<0.47	<0.47	<0.47
PCB-1242	µg/L	<0.47	<0.50	<0.47	<0.47	<0.47	<0.47	<0.49	<0.49	<0.49	<0.47	<0.49	<0.47	<0.47	<0.47
PCB-1248	µg/L	<0.47	<0.50	<0.47	<0.47	<0.47	<0.47	<0.49	<0.49	<0.49	<0.47	<0.49	<0.47	<0.47	<0.47
PCB-1254	µg/L	<0.47	<0.50	<0.47	<0.47	<0.47	<0.47	<0.49	<0.49	<0.49	<0.47	<0.49	<0.47	<0.47	<0.47
PCB-1260	µg/L	<0.47	<0.50	<0.47	<0.47	<0.47	<0.47	<0.49	<0.49	<0.49	<0.47	<0.49	<0.47	<0.47	<0.47
PCB-1268	µg/L	<0.47	<0.50	<0.47	<0.47	<0.47	<0.47	<0.49	<0.49	<0.49	<0.47	<0.49	<0.47	<0.47	<0.47
Total PCBs by Aroclor	**µg/L**	**<0.47**	**<0.50**	**<0.47**	**<0.47**	**<0.47**	**<0.47**	**<0.49**	**<0.49**	**<0.49**	**3.3 J**	**<0.49**	**<0.47**	**<0.47**	**<0.47**
Monochlorobiphenyl	µg/L	0.012 J	<0.10	<0.094	<0.097	<0.094	<0.094	<0.097	<0.097	<0.097	14	0.064 J	2.8	0.032 J	<0.097
Dichlorobiphenyl	µg/L	0.03 J	<0.045	<0.042	<0.044	<0.042	<0.042	<0.044	<0.044	<0.044	3.3	0.0077 J	0.57	9.4	<0.044
Trichlorobiphenyl	µg/L	0.0083 J	<0.045	<0.042	0.11	<0.042	0.041	<0.044	<0.044	<0.044	<0.42	<0.042	<0.044	0.45	<0.044
Tetrachlorobiphenyl	µg/L	<0.042	<0.045	<0.042	0.9	<0.042	0.22	<0.044	<0.044	<0.044	<0.42	<0.042	<0.044	0.45	<0.044
Pentachlorobiphenyl	µg/L	<0.042	<0.045	<0.042	0.026 J	<0.042	<0.042	<0.044	<0.044	<0.044	<0.42	<0.042	<0.044	0.11	<0.044
Hexachlorobiphenyl	µg/L	<0.042	<0.045	<0.042	<0.044	0.016 J	<0.042	<0.044	<0.044	<0.044	<0.42	<0.042	<0.044	<0.042	<0.044
Heptachlorobiphenyl	µg/L	<0.042	<0.045	<0.042	<0.044	0.035 J	<0.042	<0.044	<0.044	<0.044	<0.42	<0.042	<0.044	<0.042	<0.044
Octacholobiphenyl	µg/L	<0.094	<0.10	<0.094	<0.097	0.071 J	<0.094	<0.097	<0.097	<0.097	<0.94	<0.094	<0.097	<0.094	<0.097
Nonachlorobiphenyl	µg/L	<0.094	<0.10	<0.094	<0.097	<0.094	<0.094	<0.097	<0.097	<0.097	<0.94	<0.094	<0.097	<0.094	<0.097
DCB Decachlorobiphenyl	µg/L	<0.094	<0.10	<0.094	<0.097	0.34	<0.094	<0.097	<0.097	<0.097	<0.94	<0.094	<0.097	<0.094	<0.097
Total PCBs by Homolog	**µg/L**	**0.05 J**	**<0.10**	**<0.094**	**1.04 J**	**0.46 J**	**0.26**	**<0.097**	**<0.097**	**<0.097**	**17.3**	**0.072 J**	**3.4**	**10.4 J**	**<0.097**

Table 4-8. Summary of Groundwater Analytical Results
OU-1/OU-2 Groundwater Investigations
Anniston PCB Site, Anniston, Alabama

Parameter	Unit	T-11F-2 10/24/2008	T-11 11/29/2012	T-11-F0.1 11/29/2012	T-11-2 11/29/2012	T-11 11/29/2012	T-11F-0.1 11/29/2012	T-11F-2 11/29/2012	T-12 4/14/2008	T-12F-0.1 4/14/2008	T-12F-2 4/14/2008	T-13 8/26/2010	T-13F-0.1 8/26/2010	T-13F-2 8/26/2010	T-14 8/26/2010
Ground Surface Elevation	Feet MSL	695.32	695.32	695.32	695.32	695.32	695.32	695.32	724.88	724.88	724.88	711.22	711.22	711.22	678.97
Total Well Depth	Feet BGS	13.5	13.5	13.5	13.5	13.5	13.5	13.5	28.0	28.0	28.0	34.0	34.0	34.0	17.0
Oxygen, Dissolved	mg/L	0.47	0.87	0.87	0.87	0.87	0.87	0.87	1.23	1.23	1.23	0.64	0.64	0.64	0.57
pH	S.U.	6.17	6.22	6.22	6.22	6.22	6.22	6.22	5.68	5.68	5.68	7.06	7.06	7.06	7.93
Specific Conductance	mS/cm	0.419	0.411	0.411	0.411	0.411	0.411	0.411	0.374	0.374	0.374	0.728	0.728	0.728	0.416
Turbidity	NTU	3.45	2.84	2.84	2.84	2.84	2.84	2.84	6.2	6.2	6.2	2.55	2.55	2.55	1.95
Water Temperature in deg Celsius	Deg C	17.25	14.20	14.20	14.20	14.20	14.20	14.20	17.63	17.63	17.63	21.92	21.92	21.92	20.17
ORP	mV	-8	100	100	100	100	100	100	91.4	91.4	91.4	-23.6	-23.6	-23.6	-116.5
PCB-1016	µg/L	<0.47	<0.48 J	<0.48	<0.48 J	<0.48 J	<0.48	<0.48 J	<0.49	<0.50	<0.47 J	<0.48	<0.49	<0.48	<0.48
PCB-1221	µg/L	<0.47	12 J	<0.48	<0.48 J	12 J	<0.48	<0.48 J	<0.49	<0.50	<0.47 J	<0.48	<0.49	<0.48	<0.48
PCB-1232	µg/L	<0.47	<0.48 J	<0.48	<0.48 J	<0.48 J	<0.48	<0.48 J	<0.49	<0.50	<0.47 J	<0.48	<0.49	<0.48	<0.48
PCB-1242	µg/L	<0.47	<0.48 J	<0.48	<0.48 J	<0.48 J	<0.48	<0.48 J	<0.49	<0.50	<0.47 J	<0.48	<0.49	<0.48	<0.48
PCB-1248	µg/L	<0.47	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.49	<0.50	<0.47 J	<0.48	<0.49	<0.48	<0.48
PCB-1254	µg/L	<0.47	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.49	<0.50	<0.47 J	<0.48	<0.49	<0.48	<0.48
PCB-1260	µg/L	<0.47	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.49	<0.50	<0.47 J	<0.48	<0.49	<0.48	<0.48
PCB-1268	µg/L	<0.47	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.49	<0.50	<0.47 J	<0.48	<0.49	<0.48	<0.48
Total PCBs by Aroclor	**µg/L**	**<0.47**	**12 J**	**<0.48**	**<0.48 J**	**12 J**	**<0.48**	**<0.48 J**	**<0.49**	**<0.50**	**<0.47 J**	**<0.48**	**<0.49**	**<0.48**	**<0.48**
Monochlorobiphenyl	µg/L	0.79	18 J	<0.095	0.66	18 J	<0.095	0.66	<0.094 J	<0.10	<0.094 J	<0.095	<0.095	<0.095	0.022
Dichlorobiphenyl	µg/L	0.2	11	<0.043	0.14	11	<0.043	0.14	<0.042 J	<0.045	<0.042 J	<0.043	<0.043	<0.043	0.055
Trichlorobiphenyl	µg/L	<0.045	1 J	<0.043	<0.043	1 J	<0.043	<0.043	<0.042	<0.045	<0.042 J	<0.043	<0.043	<0.043	<0.043
Tetrachlorobiphenyl	µg/L	<0.045	<0.22	<0.043	<0.043	<0.22	<0.043	<0.043	<0.042	<0.045	<0.042 J	<0.043	<0.043	<0.043	<0.043
Pentachlorobiphenyl	µg/L	<0.045	<0.22	<0.043	<0.043	<0.22	<0.043	<0.043	<0.042	<0.045	<0.042 J	<0.043	<0.043	<0.043	<0.043
Hexachlorobiphenyl	µg/L	<0.045	<0.22	<0.043	<0.043	<0.22	<0.043	<0.043	<0.042 J	<0.045	<0.042 J	<0.043	<0.043	<0.043	<0.043
Heptachlorobiphenyl	µg/L	<0.045	<0.22	<0.043	<0.043	<0.22	<0.043	<0.043	<0.042 J	<0.045	<0.042 J	<0.043	<0.043	<0.043	<0.043
Octacholobiphenyl	µg/L	<0.1	<0.49	<0.095	<0.095	<0.49	<0.095	<0.095	<0.094 J	<0.10	<0.094 J	<0.095	<0.095	<0.095	<0.095
Nonachlorobiphenyl	µg/L	<0.1	<0.49	<0.095	<0.095	<0.49	<0.095	<0.095	<0.094 J	<0.10	<0.094 J	<0.095	<0.095	<0.095	<0.095
DCB Decachlorobiphenyl	µg/L	<0.1	<0.49	<0.095	<0.095	<0.49	<0.095	<0.095	<0.094 J	<0.10	<0.094 J	<0.095	<0.095	<0.095	<0.095
Total PCBs by Homolog	**µg/L**	**0.99**	**30**	**<0.095**	**0.8**	**30 J**	**<0.095**	**0.8**	**<0.094 J**	**<0.10**	**<0.094 J**	**<0.095**	**< 0.095**	**<0.095**	**0.077**

Table 4-8. Summary of Groundwater Analytical Results
OU-1/OU-2 Groundwater Investigations
Anniston PCB Site, Anniston, Alabama

Parameter	Unit	T-14F-0.1 8/26/2010	T-14F-2 8/26/2010	T-15 8/26/2010	T-15F-0.1 8/26/2010	T-15F-2 8/26/2010	T-16 2/21/2012	T-16F0.1 2/21/2012	T-16F2 2/21/2012	T-17 2/21/2012	T-17F0.1 2/21/2012	T-17F2 2/21/2012	CMW-1 8/23/2004	CMW-1-F 8/23/2004	CMW-2 8/24/2004
Ground Surface Elevation	Feet MSL	678.97	678.97	667.36	667.36	667.36	626.62	626.62	626.62	605.81	605.81	605.81	717.14	717.14	713.85
Total Well Depth	Feet BGS	17.0	17.0	18.0	18.0	18.0	14.0	14.0	14.0	13.5	13.5	13.5	28.5	28.5	22.5
Oxygen, Dissolved	mg/L	0.57	0.57	0.69	0.69	0.69	5.05	5.05	5.05	5.47	5.47	5.47	2.6	2.6	3.38
pH	S.U.	7.93	7.93	7.64	7.64	7.64	7.32	7.32	7.32	8.31	8.31	8.31	5.2	5.2	5.8
Specific Conductance	mS/cm	0.416	0.416	0.446	0.446	0.446	0.188	0.188	0.188	0.476	0.476	0.476	0.132	0.132	0.186
Turbidity	NTU	1.95	1.95	5.99	5.99	5.99	0.63	0.63	0.63	8.32	8.32	8.32	9	9	10
Water Temperature in deg Celsius	Deg C	20.17	20.17	21.23	21.23	21.23	15.65	15.65	15.65	16.05	16.05	16.05	20.2	20.2	21.9
ORP	mV	-116.5	-116.5	28.2	28.2	28.2	111.6	111.6	111.6	-61.2	-61.2	-61.2	241	241	229
PCB-1016	µg/L	<0.47	<0.51	<0.49	<0.48	<0.49	<0.50	<0.52	<0.50	<0.50	<0.51	<0.53	<0.5	<0.5	<0.5
PCB-1221	µg/L	<0.47	<0.51	<0.49	<0.48	<0.49	<0.50	<0.52	<0.50	<0.50	<0.51	<0.53	<0.5	<0.5	<0.5
PCB-1232	µg/L	<0.47	<0.51	<0.49	<0.48	<0.49	<0.50	<0.52	<0.50	<0.50	<0.51	<0.53	<0.5	<0.5	<0.5
PCB-1242	µg/L	<0.47	<0.51	<0.49	<0.48	<0.49	<0.50	<0.52	<0.50	<0.50	<0.51	<0.53	<0.5	<0.5	<0.5
PCB-1248	µg/L	<0.47	<0.51	<0.49	<0.48	<0.49	<0.50	<0.52 J	<0.50	<0.50 J	<0.51 J	<0.53 J	<0.5	<0.5	<0.5
PCB-1254	µg/L	<0.47	<0.51	<0.49	<0.48	<0.49	<0.50	<0.52 J	<0.50	<0.50 J	<0.51 J	<0.53 J	<0.5	<0.5	<0.5
PCB-1260	µg/L	<0.47	<0.51	<0.49	<0.48	<0.49	<0.50	<0.52 J	<0.50	<0.50 J	<0.51 J	<0.53 J	<0.5	<0.5	<0.5
PCB-1268	µg/L	<0.47	<0.51	<0.49	<0.48	<0.49	<0.50	<0.52 J	<0.50	<0.50 J	<0.51 J	<0.53 J	<0.5	<0.5	<0.5
Total PCBs by Aroclor	**µg/L**	**<0.47**	**<0.51**	**<0.49**	**<0.48**	**<0.49**	**< 0.50**	**< 0.52 J**	**< 0.50**	**< 0.50 J**	**< 0.51 J**	**< 0.53 J**	**< 0.5**	**< 0.5**	**< 0.5**
Monochlorobiphenyl	µg/L	<0.095	<0.097	<0.097	<0.097	<0.1	<0.10	<0.099	<0.10	<0.10	<0.10	<0.098	NA	NA	NA
Dichlorobiphenyl	µg/L	<0.043	<0.044	<0.044	<0.044	<0.046	<0.045	<0.045	<0.047	<0.046	<0.047	<0.044	NA	NA	NA
Trichlorobiphenyl	µg/L	<0.043	0.0069 J	<0.044	<0.044	<0.046	<0.045	<0.045	<0.047	<0.046	<0.047	<0.044	NA	NA	NA
Tetrachlorobiphenyl	µg/L	<0.043	<0.044	<0.044	<0.044	<0.046	<0.045	<0.045	<0.047	<0.046	<0.047	<0.044	NA	NA	NA
Pentachlorobiphenyl	µg/L	<0.043	0.018 J	<0.044	<0.044	<0.046	<0.045	<0.045	<0.047	<0.046	<0.047	<0.044	NA	NA	NA
Hexachlorobiphenyl	µg/L	<0.043	<0.044	<0.044	<0.044	<0.046	<0.045	<0.045	<0.047	<0.046	<0.047	<0.044	NA	NA	NA
Heptachlorobiphenyl	µg/L	<0.043	<0.044	<0.044	<0.044	<0.046	<0.045	<0.045	<0.047	<0.046	<0.047	<0.044	NA	NA	NA
Octacholobiphenyl	µg/L	<0.095	<0.097	<0.097	<0.097	<0.1	<0.10	<0.099	<0.10	<0.10	<0.10	<0.098	NA	NA	NA
Nonachlorobiphenyl	µg/L	<0.095	<0.097	<0.097	<0.097	<0.1	<0.10 J	<0.099	<0.10	<0.10	<0.10	<0.098	NA	NA	NA
DCB Decachlorobiphenyl	µg/L	<0.095	<0.097	<0.097	<0.097	<0.1	<0.10	<0.099	<0.10	<0.10	<0.10	<0.098	NA	NA	NA
Total PCBs by Homolog	**µg/L**	**<0.095**	**0.025 J**	**<0.097**	**<0.097**	**<0.1**	**< 0.1 J**	**< 0.099**	**< 0.10**	**< 0.10**	**< 0.10**	**< 0.098**	**NA**	**NA**	**NA**

Table 4-8. Summary of Groundwater Analytical Results
OU-1/OU-2 Groundwater Investigations
Anniston PCB Site, Anniston, Alabama

Parameter	Unit	CMW-2-F 8/24/2004	CMW-3 8/23/2004	CMW-3-F 8/23/2004	OW-09 6/2005	OW-09F 6/2005	OWR-09S 8/1998	OWR-09SF 8/1998	T-03 7/2005	T-03F 7/2005
Ground Surface Elevation	Feet MSL	713.85	707.09	707.09	736.3	736.3	750.70	750.70	746.09	746.09
Total Well Depth	Feet BGS	22.5	27.0	27.0	38.0	38.0	50.0	50.0	25.0	25.0
Oxygen, Dissolved	mg/L	3.38	1.53	1.53	2.08	2.08	4.46	4.46	NA	NA
pH	S.U.	5.8	5.8	5.8	4.86	4.86	7.87	7.87	NA	NA
Specific Conductance	mS/cm	0.186	0.335	0.335	0.243	0.243	0.294	0.294	NA	NA
Turbidity	NTU	10	9	9	0.64	0.64	317	317	NA	NA
Water Temperature in deg Celsius	Deg C	21.9	21.2	21.2	22.2	22.2	23.6	23.6	NA	NA
ORP	mV	229	158	158	-58	-58	117	117	NA	NA
PCB-1016	µg/L	<0.5 J	<0.5	<0.5	ND	ND	ND	ND	ND	ND
PCB-1221	µg/L	<0.5 J	<0.5	<0.5	ND	ND	ND	ND	ND	ND
PCB-1232	µg/L	<0.5 J	<0.5	<0.5	ND	ND	ND	ND	ND	ND
PCB-1242	µg/L	<0.5 J	<0.5	<0.5	ND	ND	ND	ND	ND	ND
PCB-1248	µg/L	<0.5	<0.5	<0.5	ND	ND	ND	ND	ND	ND
PCB-1254	µg/L	<0.5	<0.5	<0.5	ND	ND	ND	ND	ND	ND
PCB-1260	µg/L	<0.5	<0.5	<0.5	ND	ND	ND	ND	ND	ND
PCB-1268	µg/L	<0.5	<0.5	<0.5	ND	ND	ND	ND	ND	ND
Total PCBs by Aroclor	**µg/L**	**< 0.5 J**	**< 0.5**	**< 0.5**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Monochlorobiphenyl	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobiphenyl	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorobiphenyl	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachlorobiphenyl	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorobiphenyl	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobiphenyl	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlorobiphenyl	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Octacholobiphenyl	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nonachlorobiphenyl	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
DCB Decachlorobiphenyl	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs by Homolog	**µg/L**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Notes:

BGS: below ground surface

Deg C: Degrees Celsius

F-0.1: Sample filtered with 0.1-micron filter

F-2: Sample filtered with 2.0-micron filter

J: Estimated Value. Result is less than the reporting limit but greater than or equal to the method detection limit.

mg/L: milligrams per liter

µg/L: micrograms per liter

mS/cm: milli-Siemens per centimeter

MSL:mean sea level

mV: Millivolts

NA: not analyzed

ND: not detected

NTU: Nephelometric Turbidity Units

PCB: polychlorinated biphenyl

S.U.: Standard Units

USEPA: United States Environmental Protection Agency

Aroclor by USEPA Method 8082A

Homolog by USEPA Medhod 680

Table 4-9. USEPA Air Monitoring Data
Anniston PCB Site, Anniston, Alabama

Parcel ID	Address	Sample ID	Units	Date	Aroclor 1242	Sum of Congener	BZ# 28	BZ# 52	BZ# 60	BZ# 66	BZ# 74	BZ# 81	BZ# 101	BZ# 156
2290	908 Lehman Ave	PDA-001-A FILTER	ng/m^3	6/13/00	ND	--	--	--	--	--	--	--	--	--
2290	908 Lehman Ave	PDA-001-A TUBE	ng/m^3	6/13/00	ND	--	--	--	--	--	--	--	--	--
2290	908 Lehman Ave	PDA-001-B FILTER	ng/m^3	6/13/00	ND	--	--	--	--	--	--	--	--	--
2290	908 Lehman Ave	PDA-001-B TUBE	ng/m^3	6/13/00	ND	--	--	--	--	--	--	--	--	--
2290	908 Lehman Ave	PDA-001-C FILTER	ng/m^3	6/13/00	ND	--	--	--	--	--	--	--	--	--
2290	908 Lehman Ave	PDA-001-C TUBE	ng/m^3	6/13/00	ND	--	--	--	--	--	--	--	--	--
2137	921 Bancroft Ave	PDA-002-A FILTER	ng/m^3	6/13/00	ND	--	--	--	--	--	--	--	--	--
2137	921 Bancroft Ave	PDA-002-A TUBE	ng/m^3	6/13/00	ND	--	--	--	--	--	--	--	--	--
2137	921 Bancroft Ave	PDA-002-B FILTER	ng/m^3	6/13/00	ND	--	--	--	--	--	--	--	--	--
2137	921 Bancroft Ave	PDA-002-B TUBE	ng/m^3	6/13/00	ND	--	--	--	--	--	--	--	--	--
2137	921 Bancroft Ave	PDA-002-C FILTER	ng/m^3	6/13/00	ND	--	--	--	--	--	--	--	--	--
2137	921 Bancroft Ave	PDA-002-C TUBE	ng/m^3	6/13/00	ND	--	--	--	--	--	--	--	--	--
1588	1705 W 11th St	PDA-003-A FILTER	ng/m^3	6/14/00	ND	--	--	--	--	--	--	--	--	--
1588	1705 W 11th St	PDA-003-A TUBE	ng/m^3	6/14/00	ND	--	--	--	--	--	--	--	--	--
1588	1705 W 11th St	PDA-003-B FILTER	ng/m^3	6/14/00	ND	--	--	--	--	--	--	--	--	--
1588	1705 W 11th St	PDA-003-B TUBE	ng/m^3	6/14/00	ND	--	--	--	--	--	--	--	--	--
1588	1705 W 11th St	PDA-003-C FILTER	ng/m^3	6/14/00	ND	--	--	--	--	--	--	--	--	--
1588	1705 W 11th St	PDA-003-C TUBE	ng/m^3	6/14/00	ND	--	--	--	--	--	--	--	--	--
4236	2824 Old Birmingham Hwy	PDA-004-A FILTER	ng/m^3	6/15/00	ND	--	--	--	--	--	--	--	--	--
4236	2824 Old Birmingham Hwy	PDA-004-A TUBE	ng/m^3	6/15/00	ND	--	--	--	--	--	--	--	--	--
4236	2824 Old Birmingham Hwy	PDA-004-B FILTER	ng/m^3	6/15/00	ND	--	--	--	--	--	--	--	--	--
4236	2824 Old Birmingham Hwy	PDA-004-B TUBE	ng/m^3	6/15/00	ND	--	--	--	--	--	--	--	--	--
4236	2824 Old Birmingham Hwy	PDA-004-C FILTER	ng/m^3	6/15/00	ND	--	--	--	--	--	--	--	--	--
4236	2824 Old Birmingham Hwy	PDA-004-C TUBE	ng/m^3	6/15/00	ND	--	--	--	--	--	--	--	--	--
3391	Hwy 202 (11-22-01-12-03-1-59)	PDA-005-A FILTER	ng/m^3	6/16/00	ND	--	--	--	--	--	--	--	--	--
3391	Hwy 202 (11-22-01-12-03-1-59)	PDA-005-A TUBE	ng/m^3	6/16/00	ND	--	--	--	--	--	--	--	--	--
3391	Hwy 202 (11-22-01-12-03-1-59)	PDA-005-B FILTER	ng/m^3	6/16/00	ND	--	--	--	--	--	--	--	--	--
3391	Hwy 202 (11-22-01-12-03-1-59)	PDA-005-B TUBE	ng/m^3	6/16/00	ND	--	--	--	--	--	--	--	--	--
3391	Hwy 202 (11-22-01-12-03-1-59)	PDA-005-C FILTER	ng/m^3	6/16/00	ND	--	--	--	--	--	--	--	--	--
3391	Hwy 202 (11-22-01-12-03-1-59)	PDA-005-C TUBE	ng/m^3	6/16/00	ND	--	--	--	--	--	--	--	--	--
4262	209 Smith St	PDA-006-A FILTER	ng/m^3	6/17/00	ND	--	--	--	--	--	--	--	--	--
4262	209 Smith St	PDA-006-A TUBE	ng/m^3	6/17/00	ND	--	--	--	--	--	--	--	--	--
4262	209 Smith St	PDA-006-B FILTER	ng/m^3	6/17/00	ND	--	--	--	--	--	--	--	--	--
4262	209 Smith St	PDA-006-B TUBE	ng/m^3	6/17/00	ND	--	--	--	--	--	--	--	--	--
4262	209 Smith St	PDA-006-C FILTER	ng/m^3	6/17/00	ND	--	--	--	--	--	--	--	--	--
4262	209 Smith St	PDA-006-C TUBE	ng/m^3	6/17/00	ND	--	--	--	--	--	--	--	--	--
1288	1211 Brown Ave	PDA-007-A FILTER	ng/m^3	6/27/00	ND	--	--	--	--	--	--	--	--	--
1288	1211 Brown Ave	PDA-007-A TUBE	ng/m^3	6/27/00	ND	--	--	--	--	--	--	--	--	--
1288	1211 Brown Ave	PDA-007-B FILTER	ng/m^3	6/27/00	ND	--	--	--	--	--	--	--	--	--
1288	1211 Brown Ave	PDA-007-B TUBE	ng/m^3	6/27/00	ND	--	--	--	--	--	--	--	--	--
1288	1211 Brown Ave	PDA-007-C FILTER	ng/m^3	6/27/00	ND	--	--	--	--	--	--	--	--	--
1288	1211 Brown Ave	PDA-007-C TUBE	ng/m^3	6/27/00	ND	--	--	--	--	--	--	--	--	--
1760	1100 Crawford Ave	PDA-008-A FILTER	ng/m^3	6/27/00	ND	--	--	--	--	--	--	--	--	--
1760	1100 Crawford Ave	PDA-008-A TUBE	ng/m^3	6/27/00	ND	--	--	--	--	--	--	--	--	--
1760	1100 Crawford Ave	PDA-008-B FILTER	ng/m^3	6/27/00	ND	--	--	--	--	--	--	--	--	--

Table 4-9. USEPA Air Monitoring Data
Anniston PCB Site, Anniston, Alabama

Parcel ID	Address	Sample ID	Units	Date	Aroclor 1242	Sum of Congener	BZ# 28	BZ# 52	BZ# 60	BZ# 66	BZ# 74	BZ# 81	BZ# 101	BZ# 156
1760	1100 Crawford Ave	PDA-008-B TUBE	ng/m^3	6/27/00	ND	--	--	--	--	--	--	--	--	--
1760	1100 Crawford Ave	PDA-008-C FILTER	ng/m^3	6/27/00	ND	--	--	--	--	--	--	--	--	--
1760	1100 Crawford Ave	PDA-008-C TUBE	ng/m^3	6/27/00	ND	--	--	--	--	--	--	--	--	--
6558	109 Williamson Ave	PDA-009-A FILTER	ng/m^3	6/27/00	ND	--	--	--	--	--	--	--	--	--
6558	109 Williamson Ave	PDA-009-A TUBE	ng/m^3	6/27/00	ND	--	--	--	--	--	--	--	--	--
6558	109 Williamson Ave	PDA-009-B FILTER	ng/m^3	6/27/00	ND	--	--	--	--	--	--	--	--	--
6558	109 Williamson Ave	PDA-009-B TUBE	ng/m^3	6/27/00	ND	--	--	--	--	--	--	--	--	--
6558	109 Williamson Ave	PDA-009-C FILTER	ng/m^3	6/27/00	ND	--	--	--	--	--	--	--	--	--
6558	109 Williamson Ave	PDA-009-C TUBE	ng/m^3	6/27/00	ND	--	--	--	--	--	--	--	--	--
2580	135 Pinson Rd	PD-HVA-1	ng/m^3	6/27/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2580	135 Pinson Rd	PD-HVA-2	ng/m^3	6/27/00	ND	0.3	ND	ND	ND	ND	0.3	ND	ND	ND
4610	Newborn St	PD-HVB-1	ng/m^3	6/27/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4610	Newborn St	PD-HVB-2	ng/m^3	6/27/00	ND	0.84	0.17	ND	0.18	ND	0.17	ND	ND	0.32
3391	Hwy 202 (11-22-01-12-03-1-59)	PD-HVC-1	ng/m^3	6/27/00	4.6	0.61	0.31	ND	ND	ND	0.3	ND	ND	ND
3391	Hwy 202 (11-22-01-12-03-1-59)	PD-HVC-2	ng/m^3	6/27/00	8.8	4.42	0.72	ND	ND	ND	3.7	ND	ND	ND
43173	West 9th St & Ware St	PD-HVD-1	ng/m^3	6/27/00	45	8.33	4.4	2	0.87	0.13	0.52	0.19	0.22	ND
43173	West 9th St & Ware St	PD-HVD-2	ng/m^3	6/27/00	25	2.89	2.5	ND	ND	ND	0.39	ND	ND	ND
1529	1127 Clydesdale Ave	PD-HVE-1	ng/m^3	6/27/00	7.3	1.47	0.71	ND	0.37	ND	0.39	ND	ND	ND
1529	1127 Clydesdale Ave	PD-HVE-2	ng/m^3	6/27/00	25	2.97	2.2	ND	0.42	ND	0.35	ND	ND	ND
1435	W 12th St (11-21-03-06-30-07-68)	PD-HVF-1	ng/m^3	6/27/00	3.3	1.17	0.23	ND	0.23	ND	0.71	ND	ND	ND
1435	W 12th St (11-21-03-06-30-07-68)	PD-HVF-2	ng/m^3	6/27/00	ND	1.16	0.84	ND	0.32	ND	ND	ND	ND	ND
2205	Zinn Pkwy Dr (11-21-03-07-02-1-58)	PD-HVG-1	ng/m^3	6/27/00	ND	0.16	0.16	ND	ND	ND	ND	ND	ND	ND
2205	Zinn Pkwy Dr (11-21-03-07-02-1-58)	PD-HVG-1-Dup	ng/m^3	6/27/00	ND	0.12	0.12	ND	ND	ND	ND	ND	ND	ND
2205	Zinn Pkwy Dr (11-21-03-07-02-1-58)	PD-HVG-2	ng/m^3	6/27/00	5.7	0.7	0.4	ND	0.2	0.1	ND	ND	ND	ND
2205	Zinn Pkwy Dr (11-21-03-07-02-1-58)	PD-HVG-2-Dup	ng/m^3	6/27/00	8.6	0.94	0.57	ND	0.37	ND	ND	ND	ND	ND
43171	1313 Noble St	PD-HVH-1	ng/m^3	6/27/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43171	1313 Noble St	PD-HVH-2	ng/m^3	6/27/00	ND	0.32	0.32	ND	ND	ND	ND	ND	ND	ND

Notes:
--: sample not analyzed
ID: identification
ND: nondetect
PCB: polychlorinated biphenyl
ng/m^3: nanograms per cubic meter

Table 4-10. ENSR Air Monitoring Data
Anniston PCB Site, Anniston, Alabama

Sampling Date	Session Number	Units	Location							
			1		4	5	7			8
			East		North	Northeast	Northwest			Far West
			Primary	Collocated			Night	Day	24-hour	
4/15/03	106	ng/m^3	ND	ND	12.9	8.5	3.4	7.2	5.5	10.9
4/16/03	107	ng/m^3	ND	NS	9.4	3.1	0.2	6.1	3.1	0.4
5/20/03	108	ng/m^3	ND	ND	13.8	2.9	3.2	1.6	2.4	0.1
5/21/03	109	ng/m^3	1.8	NS	5	3.9	9.3	2.4	5.9	27.5
6/17/03	110	ng/m^3	1.5	1.6	17.4	17.1	9.4	11.8	10.8	16.1
6/18/03	111	ng/m^3	12.6	NS	36.9	30.7	68.2	14.7	41.4	12.8
7/14/03	112	ng/m^3	1.5	1.2	13.8	9.8	10.4	14.2	12.5	13.4
7/15/03	113	ng/m^3	6.6	NS	21.1	12.1	34.2	51.1	44.3	21.5
8/13/03	114	ng/m^3	0.5	0.3	33	10.9	8.9	9.1	9.0	6.1
8/14/03	115	ng/m^3	3.4	NS	49.6	20	101.9	7.4	69.3	23.3
9/9/03	116	ng/m^3	0.4	0.4	19.1	6.8	18.9	9.8	14.3	13.6
9/10/03	117	ng/m^3	ND	NS	12.9	6.5	2.8	15.5	8.2	26.6
10/21/03	118	ng/m^3	22.5	22.8	79.2	22.5	NS	NS	145.4	12.1
10/22/03	119	ng/m^3	9.9	NS	40.7	9.9	NS	NS	54.5	9.9
11/18/03	120	ng/m^3	ND	ND	9.9	3.8	NS	NS	9.8	1.3
11/19/03	121	ng/m^3	1.8	NS	21.5	16.9	NS	NS	32.1	1.1
12/9/03	122	ng/m^3	ND	ND	3.9	4.4	NS	NS	3.0	0.2
12/10/03	123	ng/m^3	1.1	NS	3.3	0.5	NS	NS	13.1	ND
1/13/04	124	ng/m^3	9.1	9	25.4	12.7	NS	NS	48.5	15.8
1/14/04	125	ng/m^3	3.9	NS	35.8	8.4	NS	NS	54.4	2.8
2/24/04	126	ng/m^3	ND	ND	3.9	3.5	NS	NS	2.6	35.2
2/25/04	127	ng/m^3	ND	NS	1.7	NS*	NS	NS	0.4	0.2
3/23/04	128	ng/m^3	ND	ND	2.5	1.8	NS	NS	1.8	1.7
3/24/04	129	ng/m^3	ND	NS	6.4	3.9	NS	NS	2.7	0.9
Average		ng/m^3	3.2	2.9	20.0	9.6	22.6	12.6	24.4	10.6

Notes:
Sampling date is the start date for samples collected over more than one calendar day.
Sampling session numbering scheme continued from regimen used for previous monitoring at the Site.
Time-weighted average of day/night results used to calculate "24-hour" value for samples collected April through September 2003 at the Northwest site.
Collocated sample collected once per month per RFI/CS Air Monitoring Plan.
ND: nondetect
ng/m^3: nanograms per cubic meter
NS: not sampled
*: Power interruption led to sample invalidation; sample not analyzed.

Table 4-11. OU-1/OU-2 Investigation Ambient Air PCB Congeners and Dioxins/Furans (PCDDs/DFs) Concentrations
Anniston PCB Site, Anniston, Alabama

Site		North			North Colo			South			North			South		
Sample ID		S1-08152006-North			S1-08152006-North-Colo			S1-08152006-South			S1-08162006-North			S1-08162006-South		
Sampling Date		8/15/06			8/15/06			8/15/06			8/16/06			8/16/06		
Volume (SCM)		299.5			299.4			300.2			298.7			299.8		
Homolog Group		**ng/ sam**		**ng/m³**	**ng/ sam**		**ng/m³**	**ng/ sam**		**ng/m³**	**ng/ sam**		**ng/m³**	**ng/ sam**		**ng/m³**
Mono		544		1.82	411		1.37	267		0.89	167		0.56	120		0.40
Di		1240		4.14	1330		4.44	295		0.98	111		0.37	102		0.34
Tri		1460		4.87	1560		5.21	303		1.01	92.7		0.31	81.5		0.27
Tetra		745		2.49	789		2.64	237		0.79	93.7		0.31	67.2		0.22
Penta		155		0.52	169		0.56	90.4		0.30	44.9		0.15	32.2		0.11
Hexa		50.7		0.17	55.2		0.18	32.1		0.11	18		0.060	14		0.047
Hepta		17.1		0.057	18.5		0.062	10.6		0.035	6.76		0.023	6.07		0.020
Octa		5.92		0.020	6.38		0.021	2.04		0.007	2.46		0.008	1.93		0.006
Nona		1.73		0.006	1.83		0.006	0.445		0.001	1.02		0.003	0.347		0.001
Deca		0.553		0.002	0.532		0.002	0.165		0.001	0.391		0.001	ND		ND
Total PCBs				14.1			14.5			4.1			1.8			1.4
PCB Congeners	**2005 TEF[(1)]**	**ng/m³**	**Qual**	**ng/m³**	**ng/m³**	**Qual**	**ng/m³**	**ng/m³**	**Qual**	**ng/m³**	**ng/m³**	**Qual**	**ng/m³**	**ng/m³**	**Qual**	**ng/m³**
PCB-77	0.0001	0.0047		4.74E-07	0.0051		5.11007E-07	0.0016		1.585E-07	0.0013		1.339E-07	0.0007		7.406E-08
PCB-81	0.0003	0.0006		1.85E-07	0.0006		1.7735E-07	0.0003		1.019E-07	0.0002	J	5.082E-08	0.0001	J	3.553E-08
PCB-105	0.00003	0.0118		3.53E-07	0.0132		3.96782E-07	0.0060		1.809E-07	0.0043		1.276E-07	0.0030		9.087E-08
PCB-106/118	0.00003	0.0330		9.9E-07	0.0364		1.09215E-06	0.0181		5.416E-07	0.0113		3.405E-07	0.0087		2.602E-07
PCB-114	0.00003	0.0010		2.98E-08	0.0011		3.17626E-08	0.0005		1.399E-08	0.0003	J	8.869E-09	0.0002	J	6.835E-09
PCB-123	0.00003	0.0010		2.87E-08	0.0010		3.1462E-08	0.0005		1.509E-08	0.0004		1.105E-08	0.0002	J	7.255E-09
PCB-126	0.1	0.0003	J	2.98E-05	0.0003	J	2.70867E-05	ND			0.0001	J	1.49E-05	ND		
PCB-153		0.0306		0	0.0334		0	0.0189		0	0.0118		0	0.0091		0
PCB-156	0.00003	0.0014		4.21E-08	0.0016		4.69926E-08	0.0008		2.258E-08	0.0005		1.577E-08	0.0005		1.581E-08
PCB-157	0.00003	0.0005		1.39E-08	0.0005		1.41278E-08	0.0002	J	5.995E-09	ND			0.0002	J	4.623E-09
PCB-167	0.00003	0.0008		2.36E-08	0.0008		2.49492E-08	0.0004		1.299E-08	0.0003	J	8.487E-09	0.0002	J	7.486E-09
PCB-169	0.03	U	U		U	U		U	U		U	U		U	U	
PCB-189	0.00003	0.0001	J	4.45E-09	0.0001	J	4.27843E-09	0.0001	J	1.759E-09	0.0001	J	1.707E-09	0.00004	J	1.291E-09
Congener TEQ				3.2E-05			2.94176E-05			1.055E-06			1.56E-05			5.04E-07
Dioxins and Furans	**2005 TEF[(1)]**	**pg/m³**	**Qual**	**pg/m³**	**pg/m³**	**Qual**	**pg/m³**	**pg/m³**	**Qual**	**pg/m³**	**pg/m³**	**Qual**	**pg/m³**	**pg/m³**	**Qual**	**pg/m³**
2,3,7,8-TCDD	1	ND			ND			ND			ND			ND		
1,2,3,7,8-PeCDD	1	ND			ND			ND			ND			ND		
1,2,3,4,7,8-HxCDD	0.1	ND			ND			ND			ND			ND		
1,2,3,6,7,8-HxCDD	0.1	ND			ND			ND			ND			ND		
1,2,3,7,8,9-HxCDD	0.1	ND			ND			ND			ND			ND		
1,2,3,4,6,7,8-HpCDD	0.01	0.098	J	0.001	0.088	J	0.001	0.128	J	0.001	0.061	J	0.001	0.033	J	0.0003
OCDD	0.0003	0.214	E		0.251	E		0.284	J	0.00009	0.232	J	0.00007	0.114	E	
2,3,7,8-TCDF	0.1	0.033	E		0.038	J	0.004	ND			ND			ND		
1,2,3,7,8-PeCDF	0.03	0.030	J	0.001	0.028	J	0.001	ND			ND			ND		
2,3,4,7,8-PeCDF	0.3	0.052	J	0.016	0.050	J	0.015	0.014	J	0.004	ND			ND		
1,2,3,4,7,8-HxCDF	0.1	0.030	J	0.003	0.032	J	0.003	ND			ND			ND		
1,2,3,6,7,8-HxCDF	0.1	0.019	E		0.025	E		ND			ND			ND		
2,3,4,6,7,8-HxCDF	0.1	0.036	J	0.004	0.035	J	0.004	0.011	J	0.001	ND			ND		

Table 4-11. OU-1/OU-2 Investigation Ambient Air PCB Congeners and Dioxins/Furans (PCDDs/DFs) Concentrations
Anniston PCB Site, Anniston, Alabama

Site		North			North Colo			South			North			South		
Sample ID		S1-08152006-North			S1-08152006-North-Colo			S1-08152006-South			S1-08162006-North			S1-08162006-South		
Sampling Date		8/15/06			8/15/06			8/15/06			8/16/06			8/16/06		
Volume (SCM)		299.5			299.4			300.2			298.7			299.8		
Dioxins and Furans	**2005 TEF[(1)]**	**pg/m³**	**Qual**	**pg/m³**	**pg/m³**	**Qual**	**pg/m³**	**pg/m³**	**Qual**	**pg/m³**	**pg/m³**	**Qual**	**pg/m³**	**pg/m³**	**Qual**	**pg/m³**
1,2,3,7,8,9-HxCDF	0.1	ND			ND			ND			ND			ND		
1,2,3,4,6,7,8-HpCDF	0.01	0.075	J	0.001	0.086	J	0.001	0.034	J	0.00034	0.030	J	0.00030	0.024	J	0.00024
1,2,3,4,7,8,9-HpCDF	0.01	ND			ND			ND			ND			ND		
OCDF	0.0003	0.046	J	0.000014	0.047	J	0.000014	0.024	E		ND			ND		
Total TCDD		0.019			0.031	E		ND			ND			ND		
Total PeCDD		0.027	E		0.038			0.018	E		0.032	E		ND		
Total HxCDD		0.068			0.115	E		0.069	E		0.050	E		0.011	E	
Total HpCDD		0.180			0.176			0.237			0.122			0.067		
Total TCDF		0.638	E		0.598	E		0.040			0.070	E		ND		
Total PeCDF		0.441	E		0.441	E		0.046			0.080	E		0.061	E	
Total HxCDF		0.259	E		0.318	E		0.074	E		0.090			0.027		
Total HpCDF		0.075			0.109	E		0.034			0.030			0.024		
Total PCDD/DFs																
(tetra - octa)		1.97			2.12			0.83			0.71			0.30		
Total TEQ				0.025			0.028			0.007			0.001			0.001

Notes:
"Total PCBs" entry for each sample represents summation of detected PCB concentrations only; ND values included as zero.
Lab qualifiers not included if superseded by DV actions.
DV: data validation
E: Sample concentration is an EMPC.
EMPC: Estimated maximum possible concentration, where reported, EMPCs were used to calculate sample concentrations.
J: value is an estimated concentration below the laboratory calibration range (used when not superseded by DV action).
ND: not detected at approximate detection limits of 3 to 10 pg/sample for congeners and PCDD/DF and at detection limits of approximately 0.1 to 0.2 ng/sample for homologs.
ng/sam: nanograms per sample
ng/m³: nanograms per cubic meter
PCB: polychlorinated biphenyls
PCDD/DF: polychlorinated dibenzo-p-dioxins/dibenzofurans
pg/m³: picograms per cubic meter
Qual: qualifier
SCM: standard cubic meters
TEF: toxicity equivalency factor
TEQ: 2,3,7,8-TCDD toxicity equivalent; TEQs are based on measured values only (not EMPCs), NDs treated as 0
U: Result is considered not detected; result is within 5 times the level detected in an associated blank; result was not used to calculate TEQ.
(1) van den Berg, Martin, Linda S. Birnbaum, Michael Denison, Mike De Vito, William Farland, Mark Feeley, Heidelore Fiedler, Helen Hakansson, Annika Hanberg, Laurie Haws, Martin Rose, Stephen Safe, Dieter Schrenk, Chiharu Tohyama, Angelika Tritscher, Jouko Tuomisto, Mats Tysklind, Nigel Walker, and Richard E. Peterson. 2006. The 2005 World Health Organization Re-evaluation of Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds. ToxSci Advance Access, Oxford University Press on behalf of the Society of Toxicology. July 7, 2006.

Table 4-12. Anniston PCB Air Study PCB Homolog Sample Results October 23-24, 2012
Anniston PCB Site, Anniston, Alabama

Station ID		Field Blank	Field Blank	F	F	I	I	J	J	J	J
Sample ID		FB102312	FB102412	FAA102312	FAA102412	IAA102312	IAA102412	JAA102312	JAA102412	JDAA102312	JDAA102412
Matrix		Field Blank	Field Blank	Ambient Air	Ambient Air	Ambient Air	Ambient Air	Ambient Air	Ambient Air	Ambient Air	Ambient Air
Sample Date		10/23/2012	10/24/2012	10/23/2012	10/24/2012	10/23/2012	10/24/2012	10/23/2012	I0/24/20I2	10/23/2012	10/24/2012
Analyte	**Units**										
Monochlorobiphenyl (Total)	ng/m^3	0.00081	0.00022	0.16	0.15	1.3	0.37	0.72	0.63	0.72	0.59
Dichlorobiphenyl (Total)	ng/m^3	0.058	0.04	0.4	0.4	9	2.8	2.6	2.8	2.6	2.6
Trichlorobiphenyl (Total)	ng/m^3	0.027	0.019	0.38	0.37	10	3.6	2.9	2.6	2.9	2.4
Tetrachlorobiphenyl (Total)	ng/m^3	0.021	0.017	0.54	0.49	4	1.6	1.6	1.5	1.6	1.2
Pentachlorobiphenyl (Total)	ng/m^3	0.014	0.01	0.19	0.18	0.62	0.27	0.3	0.34	0.3	0.32
Hexachlorobiphenyl (Total)	ng/m^3	0.012	0.014	0.074	0.063	0.19	0.094	0.09	0.11	0.09	0.11
Heptachlorobiphenyl (Total)	ng/m^3	0.012	0.0042	0.022	0.015	0.036	0.017	0.021	0.028	0.021	0.026
Octachlorobiphenyl (Total)	ng/m^3	0.00022	0.00022	0.0051	0.0038	0.0058	0.0011	0.0034	0.0077	0.0034	0.0068
Nonachlorobiphenyl (Total)	ng/m^3	0.00022	0.00022	0.0025	0.0021	0.0044	0.0017	0.0042	0.0048	0.0042	0.0042
Total PCBs	ng/m^3	0.13	0.11	1.8	1.7	26	8.8	8.1	8	8.1	7.3

Notes:
Air samples collected starting October 23, 2012, are highlighted in yellow.
ng/m^3 : nanograms per cubic meter
PCB: polychlorinated biphenyl

Table 5-1. OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Total PCB (mg/kg)
Special Use Sampling	1	3341	CA-1-SU-3341-B	1,145,840.5	647,474.8	1.6
Special Use Sampling	1	3402	CA-1-SU-3402-A	1,145,736.5	647,452.1	0.65
Special Use Sampling	1	3402	CA-1-SU-3402-B	1,145,658.7	647,452.5	20
Special Use Sampling	1	3503	CA-1-3503-LA-A	1,145,170.6	648,157.4	0.43
Special Use Sampling	1	3503	CA-1-3503-LA-B	1,145,161.2	647,971.9	0.30
Special Use Sampling	1	3503	CA-1-3503-LA-C	1,145,269.1	648,215.5	0.50
Special Use Sampling	1	3503	CA-1-3503-LA-D	1,145,312.7	648,210.1	1.6
Special Use Sampling	1	3503	CA-1-3503-LA-F	1,145,256.3	648,051.2	0.21
Nonresidential OU-1/OU-2 FSP	1	3928	CA-01-3928-01	1,144,527.0	648,541.9	0.42
Nonresidential OU-1/OU-2 FSP	1	3928	CA-01-3928-02	1,144,968.1	648,554.7	0.61
Nonresidential OU-1/OU-2 FSP	1	3928	CA-01-3928-03	1,144,476.9	648,599.0	0.37
Nonresidential OU-1/OU-2 FSP	1	3928	CA-01-3928-04	1,144,763.2	648,608.2	0.23
Residential Sampling	1	3950	CA-1-RES-3950-A	1,144,862.6	648,444.5	7.4
Residential Sampling	1	3950	CA-1-RES-3950-B	1,144,862.6	648,444.5	8.0
USEPA Programs	1	3965	PC-036-A	1,144,921.2	648,338.4	0.60
USEPA Programs	1	4006	FC1-0026-A	1,144,821.2	648,220.3	0.19
USEPA Programs	1	4006	FC1-0026-B	1,144,793.4	648,129.0	5.3
Nonresidential OU-1/OU-2 FSP	1	4760	CA-01-4760-05	1,143,422.0	648,555.3	1.2
Nonresidential OU-1/OU-2 FSP	1	9999	CA-01-9999-06	1,146,305.7	647,500.6	1.3
Nonresidential OU-1/OU-2 FSP	1	9999	CA-01-9999-07	1,146,192.9	647,532.9	3.7
Nonresidential OU-1/OU-2 FSP	1	9999	CA-01-9999-08	1,146,411.7	647,551.6	15
Nonresidential OU-1/OU-2 FSP	10	1788	CA-10-1788-01	1,148,824.2	653,568.9	1.1
Miscellaneous Programs	10	1790	ABS-1	1,148,535.6	653,005.0	0.073
Miscellaneous Programs	10	1790	ABS-10	1,148,677.1	653,115.1	0.13
Miscellaneous Programs	10	1790	ABS-11	1,148,654.8	653,167.9	0.46
Miscellaneous Programs	10	1790	ABS-12	1,148,701.1	653,181.3	0.24
Miscellaneous Programs	10	1790	ABS-13	1,148,720.5	653,238.4	32
Miscellaneous Programs	10	1790	ABS-14	1,148,658.1	653,247.6	0.57
Miscellaneous Programs	10	1790	ABS-15	1,148,721.8	653,332.6	130
Miscellaneous Programs	10	1790	ABS-16	1,148,723.4	653,370.0	26
Miscellaneous Programs	10	1790	ABS-17	1,148,729.6	653,398.8	15
Miscellaneous Programs	10	1790	ABS-18	1,148,672.8	653,408.6	32
Miscellaneous Programs	10	1790	ABS-19	1,148,677.6	653,358.4	16
Miscellaneous Programs	10	1790	ABS-2	1,148,536.6	653,051.4	0.072
Miscellaneous Programs	10	1790	ABS-20	1,148,663.4	653,311.2	19
Miscellaneous Programs	10	1790	ABS-21	1,148,637.2	653,294.1	3.2
Miscellaneous Programs	10	1790	ABS-22	1,148,606.2	653,285.3	1.5
Miscellaneous Programs	10	1790	ABS-23	1,148,595.4	653,333.5	0.096
Miscellaneous Programs	10	1790	ABS-24	1,148,626.8	653,359.1	5.8
Miscellaneous Programs	10	1790	ABS-25	1,148,625.1	653,400.5	2.9
Miscellaneous Programs	10	1790	ABS-26	1,148,539.4	653,416.7	0.93
Miscellaneous Programs	10	1790	ABS-27	1,148,773.3	653,410.0	0.13
Miscellaneous Programs	10	1790	ABS-28	1,148,763.0	653,370.6	29
Miscellaneous Programs	10	1790	ABS-29	1,148,762.7	653,330.1	13
Miscellaneous Programs	10	1790	ABS-3	1,148,538.8	653,108.0	0.072
Miscellaneous Programs	10	1790	ABS-30	1,148,774.0	653,329.3	8.1
Miscellaneous Programs	10	1790	ABS-31	1,148,783.0	653,323.3	5.0
Miscellaneous Programs	10	1790	ABS-32	1,148,799.2	653,361.1	18
Miscellaneous Programs	10	1790	ABS-33	1,148,820.1	653,407.0	4.5
Miscellaneous Programs	10	1790	ABS-34	1,148,798.4	653,404.6	15
Miscellaneous Programs	10	1790	ABS-35	1,148,767.4	653,279.3	5.7
Miscellaneous Programs	10	1790	ABS-36	1,148,760.6	653,277.2	11
Miscellaneous Programs	10	1790	ABS-37	1,148,721.8	653,281.5	27
Miscellaneous Programs	10	1790	ABS-4	1,148,544.1	653,166.5	0.040

Table 5-1. OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Total PCB (mg/kg)
Miscellaneous Programs	10	1790	ABS-5	1,148,597.8	653,170.5	0.055
Miscellaneous Programs	10	1790	ABS-6	1,148,617.3	653,073.0	0.25
Miscellaneous Programs	10	1790	ABS-7	1,148,603.8	653,008.5	0.72
Miscellaneous Programs	10	1790	ABS-8	1,148,652.9	653,005.4	1.0
Miscellaneous Programs	10	1790	ABS-9	1,148,671.4	653,061.6	1.8
Miscellaneous Programs	10	1800	CA-1	1,148,680.0	653,650.4	0.49
Miscellaneous Programs	10	1800	CA-14	1,148,815.5	653,662.8	7.0
Miscellaneous Programs	10	1800	CA-19	1,148,828.9	653,665.6	16
Miscellaneous Programs	10	1800	CA-2	1,148,673.8	653,674.5	0.23
Miscellaneous Programs	10	1800	CA-26	1,148,765.5	653,661.8	0.14
Miscellaneous Programs	10	1800	CA-4	1,148,732.1	653,660.9	0.35
Miscellaneous Programs	10	1800	CA-9	1,148,794.7	653,662.2	12
Miscellaneous Programs	10	1807	CA-10	1,148,786.9	653,686.8	5.0
Nonresidential OU-1/OU-2 FSP	10	1807	CA-10-1807-02	1,148,789.3	653,687.1	4.1
Nonresidential OU-1/OU-2 FSP	10	1807	CA-10-1807-03	1,148,780.4	653,740.0	0.88
Miscellaneous Programs	10	1807	CA-11	1,148,783.4	653,711.1	2.2
Miscellaneous Programs	10	1807	CA-12	1,148,777.6	653,733.7	1.0
Miscellaneous Programs	10	1807	CA-13	1,148,770.4	653,757.8	0.77
Miscellaneous Programs	10	1807	CA-15	1,148,808.6	653,691.9	19
Miscellaneous Programs	10	1807	CA-16	1,148,800.3	653,712.4	2.5
Miscellaneous Programs	10	1807	CA-17	1,148,795.2	653,740.5	4.0
Miscellaneous Programs	10	1807	CA-18	1,148,789.2	653,767.0	1.3
Miscellaneous Programs	10	1807	CA-20	1,148,818.8	653,692.1	4.1
Miscellaneous Programs	10	1807	CA-21	1,148,813.0	653,718.1	1.0
Miscellaneous Programs	10	1807	CA-22	1,148,805.1	653,743.5	14
Miscellaneous Programs	10	1807	CA-23	1,148,800.1	653,766.7	3.1
Miscellaneous Programs	10	1807	CA-24	1,148,623.0	653,757.2	0.69
Miscellaneous Programs	10	1807	CA-25	1,148,541.3	653,762.0	0.24
Miscellaneous Programs	10	1807	CA-27	1,148,758.9	653,686.1	1.1
Miscellaneous Programs	10	1807	CA-28	1,148,752.6	653,710.2	0.082
Miscellaneous Programs	10	1807	CA-29	1,148,746.0	653,734.4	0.20
Miscellaneous Programs	10	1807	CA-3	1,148,665.3	653,759.4	0.31
Miscellaneous Programs	10	1807	CA-30	1,148,739.5	653,758.4	0.11
Miscellaneous Programs	10	1807	CA-5	1,148,727.9	653,685.4	0.078
Miscellaneous Programs	10	1807	CA-6	1,148,724.5	653,708.6	0.17
Miscellaneous Programs	10	1807	CA-7	1,148,720.1	653,734.5	0.34
Miscellaneous Programs	10	1807	CA-8	1,148,717.1	653,760.5	0.086
Nonresidential OU-1/OU-2 FSP	10	1912	CA-10-1912-04	1,148,677.1	653,805.8	0.59
Nonresidential OU-1/OU-2 FSP	10	1912	CA-10-1912-05	1,148,552.3	653,815.7	0.70
Special Use Sampling	10	1958	CA-10-SU-1958-A	1,148,608.2	652,959.6	0.23
Special Use Sampling	10	1958	CA-10-SU-1958-B	1,148,610.3	652,865.8	0.088
Special Use Sampling	10	1958	CA-10-SU-1958-C	1,148,541.5	652,742.3	0.38
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-06	1,148,315.2	653,889.6	0.33
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-07	1,148,421.8	653,938.5	0.26
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-08	1,148,227.0	654,004.3	0.59
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-09	1,148,369.9	654,059.0	0.64
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-10	1,148,248.6	654,267.9	0.62
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-11	1,148,361.8	654,359.7	25
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-12	1,148,378.0	654,437.6	38
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-13	1,148,183.7	654,537.6	50
USEPA Programs	10	2049	PB-024-07	1,148,260.8	653,780.3	0.13
USEPA Programs	10	2049	PB-024-09	1,148,380.5	653,876.4	1.8
Nonresidential OU-1/OU-2 FSP	10	2133	CA-10-2133-14	1,148,169.0	654,598.1	35
Nonresidential OU-1/OU-2 FSP	10	2133	CA-10-2133-15	1,148,146.1	654,734.1	4.5

Table 5-1. OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Total PCB (mg/kg)
USEPA Programs	10	2133	PB-RRB3-01	1,148,173.8	654,806.2	13
Nonresidential OU-1/OU-2 FSP	10	2287	CA-10-2287-16	1,147,913.5	654,788.2	0.58
Miscellaneous Programs	10	2287	CP-C-8	1,147,881.7	654,837.1	0.26
Miscellaneous Programs	10	2351	CP-C-6	1,147,939.7	654,935.9	4.6
Miscellaneous Programs	10	2351	CP-C-7	1,147,853.7	654,924.3	2.7
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-03	1,148,477.3	654,616.6	0.50
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-04	1,148,474.0	654,671.9	1.7
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-05	1,148,438.7	654,747.5	1.5
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-06	1,148,372.3	654,754.1	2.4
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-07	1,148,454.0	654,797.8	3.5
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-08	1,148,339.8	654,834.6	1.5
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-09	1,148,466.7	654,852.9	0.43
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-10	1,148,244.6	654,871.9	0.51
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-11	1,148,386.9	654,913.9	1.0
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-12	1,148,448.0	654,936.0	0.45
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-13	1,148,417.4	654,943.4	1.7
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-14	1,148,314.8	654,945.0	0.15
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-15	1,148,185.4	654,969.1	0.21
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-16	1,148,386.8	654,995.3	0.31
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-17	1,148,263.8	655,023.9	0.039
Nonresidential OU-1/OU-2 FSP	11	2057	CA-11-2057-18	1,148,442.1	655,033.3	0.050
Miscellaneous Programs	11	2057	CP-C-1	1,148,332.2	654,955.2	0.15
Miscellaneous Programs	11	2057	CP-C-2	1,148,383.0	655,016.6	0.084
Miscellaneous Programs	11	2057	CP-C-3	1,148,429.7	654,893.8	9.1
Miscellaneous Programs	11	2057	CP-C-4	1,148,343.9	654,859.8	1.2
Miscellaneous Programs	11	2057	CP-C-5	1,148,425.4	654,691.4	1.6
Nonresidential OU-1/OU-2 FSP	11	2200	CA-11-2200-19	1,148,189.5	655,169.9	0.35
Nonresidential OU-1/OU-2 FSP	11	2209	CA-11-2209-20	1,148,210.0	655,242.1	0.40
Nonresidential OU-1/OU-2 FSP	11	9999	CA-11-9999-01	1,147,854.3	655,287.1	0.21
Nonresidential OU-1/OU-2 FSP	11	9999	CA-11-9999-02	1,147,860.6	655,194.1	1.6
Nonresidential OU-1/OU-2 FSP	12	2737	CA-12-2737-01	1,147,020.5	655,577.9	2.3
Nonresidential OU-1/OU-2 FSP	12	2737	CA-12-2737-02	1,146,804.0	655,646.1	0.18
Nonresidential OU-1/OU-2 FSP	12	2737	CA-12-2737-03	1,146,627.0	655,617.2	1.2
Nonresidential OU-1/OU-2 FSP	12	2737	CA-12-2737-04	1,146,640.5	655,796.5	0.48
Nonresidential OU-1/OU-2 FSP	12	2737	CA-12-2737-05	1,146,546.0	655,845.9	7.0
Nonresidential OU-1/OU-2 FSP	12	2737	CA-12-2737-06	1,146,453.0	655,880.0	11
Nonresidential OU-1/OU-2 FSP	12	2819	CA-12-2819-07	1,146,698.6	655,483.5	11
Nonresidential OU-1/OU-2 FSP	12	2819	CA-12-2819-08	1,146,899.0	655,481.3	1.2
USEPA Programs	12	2819	PB-009-04	1,146,755.4	655,500.7	2.3
USEPA Programs	12	2819	PB-009-60	1,146,827.3	655,489.0	0.20
Nonresidential OU-1/OU-2 FSP	13	2598	CA-13-2598-01	1,147,368.2	654,809.3	0.26
Nonresidential OU-1/OU-2 FSP	13	2850	CA-13-2850-02	1,146,775.7	654,975.2	3.9
Nonresidential OU-1/OU-2 FSP	13	2850	CA-13-2850-03	1,146,769.2	655,030.4	4.3
Residential Sampling	13	2850	FC3-0063-D	1,146,878.9	654,919.0	0.22
Nonresidential OU-1/OU-2 FSP	13	2875	CA-13-2875-04	1,146,758.7	654,627.8	0.21
Nonresidential OU-1/OU-2 FSP	13	2875	CA-13-2875-05	1,146,797.2	654,762.9	0.26
Special Use Sampling	13	2875	CA-13-SU-2875-LA-B	1,146,660.3	654,657.8	0.18
Special Use Sampling	13	2875	CA-13-SU-2875-LA-C	1,146,758.8	654,622.9	0.19
Nonresidential OU-1/OU-2 FSP	13	2900	CA-13-2900-08	1,146,720.6	655,095.6	0.87
Nonresidential OU-1/OU-2 FSP	13	2900	CA-13-2900-09	1,146,714.6	655,168.8	7.8
Nonresidential OU-1/OU-2 FSP	13	2900	CA-13-2900-10	1,146,685.5	655,212.5	17
Nonresidential OU-1/OU-2 FSP	13	2939	CA-13-2939-06	1,146,634.9	654,526.3	0.040
Nonresidential OU-1/OU-2 FSP	13	2939	CA-13-2939-07	1,146,604.8	654,514.6	0.46
Nonresidential OU-1/OU-2 FSP	14 North	3002	CA-14-3002-01	1,146,501.0	655,558.1	3.9

Table 5-1. OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Total PCB (mg/kg)
Miscellaneous Programs	14 North	3053	3053-A	1,146,263.0	655,830.0	13
Miscellaneous Programs	14 North	3053	3053-B	1,146,355.0	655,791.0	29
Miscellaneous Programs	14 North	3053	3053-C	1,146,273.0	655,931.0	7.5
Miscellaneous Programs	14 North	3053	3053-D	1,146,251.0	656,004.0	14
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-02	1,146,336.9	655,759.3	22
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-03	1,146,362.0	655,806.1	29
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-04	1,146,235.9	655,888.9	1.1
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-05	1,146,283.2	655,918.4	7.6
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-06	1,146,199.9	656,047.2	8.4
Nonresidential OU-1/OU-2 FSP	14 North	3189	CA-14-3189-08	1,145,984.0	655,969.5	2.0
Nonresidential OU-1/OU-2 FSP	14 North	3189	CA-14-3189-09	1,146,078.6	655,992.3	1.1
Nonresidential OU-1/OU-2 FSP	14 North	3189	CA-14-3189-10	1,145,931.0	655,999.0	33
Nonresidential OU-1/OU-2 FSP	14 North	3189	CA-14-3189-12	1,146,061.0	656,051.0	3.5
Nonresidential OU-1/OU-2 FSP	14 South	3349	CA-14-3349-13	1,145,861.4	655,473.8	0.16
Special Use Sampling	14 South	3368	CA-14-SU-3368-B	1,145,807.6	655,815.1	0.11
Special Use Sampling	14 South	3368	CA-14-SU-3368-G	1,146,010.5	656,046.0	1.7
Special Use Sampling	14 South	3368	CA-14-SU-3368-H	1,145,952.1	655,980.6	1.7
Special Use Sampling	14 South	3368	CA-14-SU-3368-I	1,146,081.3	655,984.3	0.88
Nonresidential OU-1/OU-2 FSP	14 South	3796	CA-14-9999-20	1,145,139.9	656,681.1	0.29
Nonresidential OU-1/OU-2 FSP	14 South	9999	CA-14-9999-15	1,145,759.9	656,135.1	0.054
Nonresidential OU-1/OU-2 FSP	14 South	9999	CA-14-9999-16	1,145,912.0	656,168.0	0.44
Nonresidential OU-1/OU-2 FSP	14 South	9999	CA-14-9999-17	1,145,766.1	656,253.7	0.066
Nonresidential OU-1/OU-2 FSP	14 South	9999	CA-14-9999-18	1,145,336.5	656,573.4	0.037
Nonresidential OU-1/OU-2 FSP	14 South	9999	CA-14-9999-19	1,145,272.6	656,623.5	0.39
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-01	1,147,411.9	655,552.9	0.049
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-02	1,147,451.0	655,652.2	0.25
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-03	1,147,175.9	655,692.0	0.10
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-04	1,147,022.1	655,821.2	0.28
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-05	1,146,731.9	655,949.1	0.090
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-06	1,147,446.0	655,964.0	0.31
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-07	1,147,469.1	656,114.1	2.6
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-08	1,146,575.0	656,164.0	0.036
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-11	1,146,842.2	656,282.9	0.037
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-12	1,146,664.8	656,344.1	0.036
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-13	1,146,962.1	656,343.0	1.2
Nonresidential OU-1/OU-2 FSP	15/16	2550	CA-15-2550-14	1,146,533.9	656,401.0	1.3
Nonresidential OU-1/OU-2 FSP	15/16	2761	CA-15-2550-09	1,147,216.1	656,175.3	0.17
Nonresidential OU-1/OU-2 FSP	15/16	2761	CA-15-2550-10	1,147,015.7	656,179.9	0.036
Nonresidential OU-1/OU-2 FSP	15/16	2787	CA-16-2787-01	1,146,840.4	656,883.9	0.041
Nonresidential OU-1/OU-2 FSP	15/16	2883	CA-16-2883-02	1,146,612.0	656,923.6	0.040
Nonresidential OU-1/OU-2 FSP	15/16	2883	CA-16-2883-03	1,146,702.0	657,002.5	0.041
Nonresidential OU-1/OU-2 FSP	15/16	2883	CA-16-2883-04	1,146,641.2	657,126.9	0.038
Nonresidential OU-1/OU-2 FSP	15/16	2883	CA-16-2883-05	1,146,606.4	657,182.9	0.057
Nonresidential OU-1/OU-2 FSP	15/16	2883	CA-16-2883-06	1,146,742.2	657,221.6	0.038
Nonresidential OU-1/OU-2 FSP	15/16	2940	CA-16-2940-07	1,146,618.9	656,616.0	0.26
Nonresidential OU-1/OU-2 FSP	15/16	2940	CA-16-2940-08	1,146,589.5	656,735.7	0.037
Nonresidential OU-1/OU-2 FSP	15/16	3009	CA-16-3009-09	1,146,424.9	657,170.6	0.13
Nonresidential OU-1/OU-2 FSP	15/16	3014	CA-16-3014-10	1,146,243.8	656,776.1	4.1
Nonresidential OU-1/OU-2 FSP	15/16	3016	CA-15-3016-15	1,146,426.0	656,254.0	0.037
Nonresidential OU-1/OU-2 FSP	15/16	3016	CA-15-3016-16	1,146,307.0	656,364.0	0.93
Nonresidential OU-1/OU-2 FSP	15/16	3016	CA-15-3016-17	1,146,173.1	656,484.1	4.7
Nonresidential OU-1/OU-2 FSP	15/16	3144	CA-16-3144-11	1,146,178.2	656,727.2	0.49
Nonresidential OU-1/OU-2 FSP	15/16	3144	CA-16-3144-12	1,146,113.4	656,916.7	0.037
Special Use Sampling	15/16	3145	3145-G	1,145,978.4	657,128.0	0.33

Table 5-1. OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	15/16	3145	CA-16-3145-14	1,145,745.3	657,180.2	0.46
Special Use Sampling	15/16	3145	CA-16-SU-3145-LA-E	1,145,907.5	656,854.5	0.075
Special Use Sampling	15/16	3145	CA-16-SU-3145-LA-F	1,146,030.2	656,842.2	0.046
Nonresidential OU-1/OU-2 FSP	15/16	3172	CA-15-3172-18	1,146,129.0	656,273.6	3.1
Nonresidential OU-1/OU-2 FSP	15/16	3172	CA-15-3172-19	1,145,994.9	656,394.0	0.086
Nonresidential OU-1/OU-2 FSP	15/16	3172	CA-15-3172-20	1,145,755.9	656,514.0	0.095
Nonresidential OU-1/OU-2 FSP	15/16	3210	CA-16-3210-15	1,146,074.5	656,724.7	0.35
Nonresidential OU-1/OU-2 FSP	15/16	3210	CA-16-3210-16	1,146,000.0	656,813.7	0.049
Nonresidential OU-1/OU-2 FSP	15/16	3210	CA-16-3210-17	1,145,967.2	656,897.4	0.16
Nonresidential OU-1/OU-2 FSP	15/16	8561	CA-16-8561-19	1,146,346.9	657,130.1	4.1
Nonresidential OU-1/OU-2 FSP	15/16	8561	CA-16-8561-20	1,146,256.9	657,212.7	0.037
Special Use Sampling	15/16	78070	3145-H	1,145,978.4	657,128.0	0.41
Special Use Sampling	15/16	78071	3145-I	1,145,978.4	657,128.0	0.32
Special Use Sampling	15/16	78072	3145-J	1,145,978.4	657,128.0	0.37
Nonresidential OU-1/OU-2 FSP	17	3450	CA-17-3450-01	1,145,604.8	656,813.0	0.17
Nonresidential OU-1/OU-2 FSP	17	3536	CA-17-3536-02	1,145,532.3	656,999.0	0.28
Nonresidential OU-1/OU-2 FSP	17	3536	CA-17-3536-03	1,145,418.7	657,091.8	5.3
Nonresidential OU-1/OU-2 FSP	17	3536	CA-17-3536-04	1,145,511.2	657,222.3	2.1
Nonresidential OU-1/OU-2 FSP	17	3592	CA-17-3592-05	1,145,378.1	657,399.0	2.0
Nonresidential OU-1/OU-2 FSP	17	3658	CA-17-3658-06	1,145,248.7	657,333.8	0.46
Nonresidential OU-1/OU-2 FSP	17	3691	CA-17-3691-07	1,145,274.4	656,788.1	0.14
Nonresidential OU-1/OU-2 FSP	17	3794	CA-17-3794-08	1,145,185.4	657,431.3	0.49
Nonresidential OU-1/OU-2 FSP	17	3795	CA-17-3795-09	1,145,165.4	656,915.1	4.2
Nonresidential OU-1/OU-2 FSP	17	3795	CA-17-3795-10	1,145,038.7	656,940.4	2.2
Nonresidential OU-1/OU-2 FSP	17	3795	CA-17-3795-11	1,144,858.0	657,079.8	0.038
Nonresidential OU-1/OU-2 FSP	17	3795	CA-17-3795-12	1,144,708.1	657,195.7	0.80
USEPA Programs	17	3795	PB-RRB1-03	1,144,541.9	657,145.7	2.6
Nonresidential OU-1/OU-2 FSP	17	4011	CA-17-4011-13	1,144,649.3	656,974.0	8.2
Nonresidential OU-1/OU-2 FSP	17	4011	CA-17-4011-14	1,144,565.2	657,048.8	12
Nonresidential OU-1/OU-2 FSP	17	4011	CA-17-4011-15	1,144,306.6	657,051.7	0.87
Nonresidential OU-1/OU-2 FSP	17	4011	CA-17-4011-16	1,144,156.0	657,073.6	3.5
Nonresidential OU-1/OU-2 FSP	17	4011	CA-17-4011-17	1,143,984.5	657,078.8	1.3
Nonresidential OU-1/OU-2 FSP	17	4011	CA-17-4011-18	1,144,203.6	657,181.7	3.1
Nonresidential OU-1/OU-2 FSP	17	4274	CA-17-4274-19	1,144,240.7	657,443.0	0.27
Nonresidential OU-1/OU-2 FSP	17	4274	CA-17-4274-20	1,144,315.1	657,507.3	0.090
Nonresidential OU-1/OU-2 FSP	17	4274	CA-17-4274-21	1,144,041.9	657,634.1	0.047
Nonresidential OU-1/OU-2 FSP	17	4274	CA-17-4274-22	1,144,060.7	657,777.8	0.036
Nonresidential OU-1/OU-2 FSP	17	4559	CA-17-4559-23	1,143,855.7	657,290.2	5.3
Nonresidential OU-1/OU-2 FSP	17	8618	CA-17-8618-24	1,145,585.6	656,697.6	0.16
Nonresidential OU-1/OU-2 FSP	18	4697	CA-18-4697-01	1,143,457.0	658,034.9	0.037
Nonresidential OU-1/OU-2 FSP	18	4749	CA-18-4749-02	1,143,402.0	657,564.9	0.038
Nonresidential OU-1/OU-2 FSP	18	4768	CA-18-4768-03	1,143,310.2	658,189.0	0.072
Nonresidential OU-1/OU-2 FSP	18	4820	CA-18-4820-04	1,143,114.0	658,268.0	0.34
Nonresidential OU-1/OU-2 FSP	18	4880	CA-18-4880-05	1,143,101.0	657,983.0	0.15
Nonresidential OU-1/OU-2 FSP	18	5015	CA-18-5015-06	1,142,855.7	658,392.8	0.038
Nonresidential OU-1/OU-2 FSP	18	5020	CA-18-5020-07	1,142,681.9	658,026.1	0.037
Special Use Sampling	18	5043	CA-18-SU-5043-LA-A	1,142,663.6	657,823.8	0.080
Special Use Sampling	18	5043	CA-18-SU-5043-LA-B	1,142,741.0	657,812.7	0.045
Special Use Sampling	18	5043	CA-18-SU-5043-LA-C	1,142,696.7	657,956.2	0.35
Nonresidential OU-1/OU-2 FSP	18	5068	CA-18-5068-08	1,142,614.5	657,784.5	0.14
Nonresidential OU-1/OU-2 FSP	18	5129	CA-18-5129-09	1,142,570.2	657,790.9	0.48
Nonresidential OU-1/OU-2 FSP	18	5129	CA-18-5231-11	1,142,371.7	657,885.2	1.1
Nonresidential OU-1/OU-2 FSP	18	5231	CA-18-5231-10	1,142,158.7	657,800.5	0.097
Nonresidential OU-1/OU-2 FSP	18	5263	CA-18-5263-12	1,142,234.8	658,061.5	0.036

Table 5-1. OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	18	5263	CA-18-5263-13	1,142,201.8	658,254.1	0.037
Nonresidential OU-1/OU-2 FSP	18	5370	CA-18-5370-14	1,141,992.8	657,777.0	0.41
Nonresidential OU-1/OU-2 FSP	18	5483	CA-18-5483-15	1,141,635.5	657,984.9	0.43
Nonresidential OU-1/OU-2 FSP	18	5483	CA-18-5483-16	1,141,533.1	658,036.0	0.072
Nonresidential OU-1/OU-2 FSP	18	5486	CA-18-5486-17	1,141,632.8	657,748.0	0.42
Nonresidential OU-1/OU-2 FSP	18	5486	CA-18-5486-18	1,141,486.8	657,763.8	0.23
Nonresidential OU-1/OU-2 FSP	18	5525	CA-18-5525-19	1,141,237.5	658,051.1	0.19
USEPA Programs	18	9999	PB-RRB1-01	1,142,602.2	657,523.6	1.9
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-01	1,143,628.9	657,326.9	6.4
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-02	1,143,254.0	657,338.8	0.89
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-03	1,143,197.8	657,358.9	2.8
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-90	1,143,142.3	657,388.8	5.4
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-92	1,143,564.0	657,356.6	8.6
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-8560-18	1,143,442.6	657,315.4	2.3
USEPA Programs	19 North	4559	PB-RRB2-01	1,143,257.1	657,416.9	15
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-13	1,143,753.0	657,116.9	4.8
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-14	1,143,514.1	657,195.0	3.9
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-15	1,143,300.9	657,209.9	770
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-16	1,143,111.7	657,234.6	170
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-17	1,143,680.0	657,253.0	5.8
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-91	1,143,514.6	657,167.6	18
Nonresidential OU-1/OU-2 FSP	19 South	5156	CA-19-5156-04	1,142,139.8	657,439.9	0.12
Nonresidential OU-1/OU-2 FSP	19 South	5156	CA-19-5156-05	1,142,325.1	657,443.9	0.036
Nonresidential OU-1/OU-2 FSP	19 South	5347	CA-19-5347-06	1,142,023.2	657,465.6	0.32
Nonresidential OU-1/OU-2 FSP	19 South	5347	CA-19-5347-07	1,141,910.4	657,468.2	59
Nonresidential OU-1/OU-2 FSP	19 South	5347	CA-19-5347-08	1,141,397.9	657,497.0	0.038
Nonresidential OU-1/OU-2 FSP	19 South	5347	CA-19-5347-09	1,141,708.3	657,493.6	0.28
Nonresidential OU-1/OU-2 FSP	19 South	5347	CA-19-5347-10	1,141,515.9	657,518.1	0.26
USEPA Programs	19 South	5347	PB-021-02	1,141,768.0	657,385.0	0.17
USEPA Programs	19 South	5347	PB-021-04	1,141,382.8	657,525.1	0.019
USEPA Programs	19 South	5347	PB-RRB2-04	1,141,722.2	657,550.4	53
Nonresidential OU-1/OU-2 FSP	19 South	8558	CA-19-8558-11	1,141,204.0	657,348.9	0.054
Nonresidential OU-1/OU-2 FSP	19 South	8558	CA-19-8558-12	1,141,017.0	657,416.0	0.036
USEPA Programs	19 South	8558	PB-021B-01	1,140,940.1	657,523.2	0.19
Special Use Sampling	2	1467	CA-02-SU-1467-LA-B	1,149,406.4	650,087.0	0.61
Special Use Sampling	2	1467	CA-02-SU-1467-LA-C	1,149,402.6	650,034.2	0.66
USEPA Programs	2	1467	FC4-0029-D	1,149,412.0	650,055.0	0.39
USEPA Programs	2	1467	FC4-0029-E	1,149,395.0	650,010.0	1.5
USEPA Programs	2	1467	FC4-0029-F	1,149,436.0	650,032.8	0.75
Nonresidential OU-1/OU-2 FSP	2	1471	CA-02-1471-03	1,149,259.5	649,331.8	0.71
Nonresidential OU-1/OU-2 FSP	2	1471	CA-02-1471-04	1,149,097.1	649,397.0	0.035
Nonresidential OU-1/OU-2 FSP	2	1471	CA-02-1471-05	1,149,086.1	649,558.0	1.3
Nonresidential OU-1/OU-2 FSP	2	1471	CA-02-1471-06	1,149,272.9	649,580.9	1.6
USEPA Programs	2	1471	FC4-0033-B	1,149,287.9	649,553.5	0.35
USEPA Programs	2	1471	FC4-0033-C	1,149,254.9	649,487.6	1.0
Special Use Sampling	2	1589	CA-2-SU-1589-LA-A	1,149,040.9	649,828.0	0.22
Nonresidential OU-1/OU-2 FSP	2	1741	CA-02-1741-07	1,148,952.8	650,301.4	2.5
USEPA Programs	2	1741	FC4-0022-B	1,148,793.2	650,216.8	0.93
USEPA Programs	2	1741	FC4-0023-A	1,148,937.8	650,223.2	0.21
USEPA Programs	2	1741	FC4-0023-B	1,148,928.4	650,196.7	0.19
USEPA Programs	2	1741	FC4-0023-C	1,148,943.0	650,179.4	0.96
USEPA Programs	2	1744	FC4-0023-D	1,148,924.9	650,142.4	0.65
USEPA Programs	2	1870	FC2-0009-A	1,148,740.5	650,337.4	2.2
USEPA Programs	2	1870	FC2-0009-B	1,148,718.0	650,247.6	2.1

Table 5-1. OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	2	1871	CA-02-1871-08	1,148,755.6	650,168.3	0.71
Miscellaneous Programs	2	1909	1006CA-A	1,148,905.8	650,337.0	0.71
Miscellaneous Programs	2	1909	1006CA-B	1,148,892.3	650,148.5	1.7
Miscellaneous Programs	2	1909	1006CA-C	1,148,708.4	650,276.6	1.9
Miscellaneous Programs	2	1909	1006CA-D	1,148,646.4	650,297.4	3.7
Nonresidential OU-1/OU-2 FSP	2	1909	CA-02-1909-90	1,148,653.7	650,281.8	6.9
USEPA Programs	2	1909	FC2-0010-A	1,148,660.7	650,327.7	12
USEPA Programs	2	1954	PD1-029-A	1,148,621.1	650,164.9	8.3
Nonresidential OU-1/OU-2 FSP	2	1966	CA-02-1966-11	1,148,628.1	650,254.8	4.9
USEPA Programs	2	1966	PD1-028-B	1,148,600.7	650,302.6	5.0
USEPA Programs	2	2067	FC4-0019-A	1,148,375.1	649,105.3	19
USEPA Programs	2	2067	FC4-0019-A2	1,148,415.9	649,171.4	25
USEPA Programs	2	2067	PE-063-A	1,148,436.0	649,097.7	4.2
USEPA Programs	2	2067	PE-063-B	1,148,452.2	649,230.8	0.75
USEPA Programs	2	2068	FC4-0018-A	1,148,397.7	649,089.8	0.72
USEPA Programs	2	2068	FC4-0018-D	1,148,350.9	648,979.9	0.34
USEPA Programs	2	2068	PC-082-A	1,148,422.6	649,089.2	0.11
USEPA Programs	2	2068	PD1-022-A	1,148,427.2	649,001.2	0.73
USEPA Programs	2	2068	PD1-022-B	1,148,408.8	649,088.7	0.86
USEPA Programs	2	2079	FC4-0017-A	1,148,420.4	649,517.0	1.3
USEPA Programs	2	2079	FC4-0017-B	1,148,357.1	649,484.8	2.0
USEPA Programs	2	2079	FC4-0017-C	1,148,329.4	649,603.5	0.39
USEPA Programs	2	2079	FC4-0017-D	1,148,463.8	649,596.3	0.36
Residential Sampling	2	2080	FC3-0048-A	1,148,387.2	649,286.5	0.30
Residential Sampling	2	2080	FC3-0048-C	1,148,394.9	649,317.6	1.6
Residential Sampling	2	2080	FC3-0048-D	1,148,419.3	649,319.5	0.18
USEPA Programs	2	2127	FC1-0018-A	1,148,340.3	648,463.4	0.17
USEPA Programs	2	2127	FC1-0018-B	1,148,295.6	648,341.5	2.7
USEPA Programs	2	2127	FC1-0018-C	1,148,289.2	648,322.8	2.0
USEPA Programs	2	2127	FC1-0018-D	1,148,217.0	648,037.4	0.19
USEPA Programs	2	2127	PE-060-A	1,148,364.0	648,533.9	0.31
USEPA Programs	2	2127	PE-060-B	1,148,272.2	648,189.4	2.1
Residential Sampling	2	2156	PC-041-B	1,148,280.3	648,496.0	1.1
9th Street Ditch	2	2156	W9_2156_LBSTA1	1,148,274.7	648,331.5	1.8
9th Street Ditch	2	2156	W9_2156_RBSTA1	1,148,274.7	648,331.5	0.98
Nonresidential OU-1/OU-2 FSP	20	4643	CA-20-4643-01	1,143,412.3	656,935.7	0.051
Nonresidential OU-1/OU-2 FSP	20	4643	CA-20-4643-02	1,143,539.8	656,935.9	0.037
Nonresidential OU-1/OU-2 FSP	20	4643	CA-20-4643-03	1,143,278.1	657,028.1	0.36
Nonresidential OU-1/OU-2 FSP	20	4890	CA-20-4890-07	1,143,129.7	657,035.3	0.30
Nonresidential OU-1/OU-2 FSP	20	4890	CA-20-4890-08	1,143,078.8	657,057.6	0.036
Nonresidential OU-1/OU-2 FSP	20	5368	CA-20-5368-09	1,141,990.0	657,266.0	0.19
Nonresidential OU-1/OU-2 FSP	20	5368	CA-20-5368-10	1,141,955.4	657,152.7	5.0
Nonresidential OU-1/OU-2 FSP	21	5566	CA-21-5566-01	1,141,092.1	658,327.9	0.038
Nonresidential OU-1/OU-2 FSP	21	5566	CA-21-5566-02	1,141,020.6	658,530.0	0.038
Nonresidential OU-1/OU-2 FSP	21	5566	CA-21-5566-03	1,141,162.5	658,526.1	0.038
Nonresidential OU-1/OU-2 FSP	21	5571	CA-21-5571-04	1,140,864.4	657,731.7	0.20
Nonresidential OU-1/OU-2 FSP	21	5571	CA-21-5571-05	1,140,970.9	657,734.5	0.053
Nonresidential OU-1/OU-2 FSP	21	5571	CA-21-5571-07	1,140,778.7	657,723.6	0.13
Nonresidential OU-1/OU-2 FSP	21	5571	CA-21-5571-08	1,140,549.5	658,043.9	0.040
Nonresidential OU-1/OU-2 FSP	21	5571	CA-21-5571-09	1,140,914.2	658,086.6	0.040
Nonresidential OU-1/OU-2 FSP	21	5571	CA-21-5571-10	1,140,687.0	658,067.4	0.037
Nonresidential OU-1/OU-2 FSP	21	5571	CA-21-5657-13	1,140,690.4	658,128.8	0.15
Nonresidential OU-1/OU-2 FSP	21	5603	CA-21-5603-11	1,140,916.2	658,217.7	0.088
Nonresidential OU-1/OU-2 FSP	21	5603	CA-21-5603-12	1,140,862.0	658,302.1	0.036

Table 5-1. OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	21	5650	CA-21-5571-06	1,140,612.0	657,707.9	0.23
Nonresidential OU-1/OU-2 FSP	21	5657	CA-21-5657-14	1,140,478.5	658,284.1	2.7
Nonresidential OU-1/OU-2 FSP	21	5730	CA-21-5730-15	1,140,124.2	657,982.5	0.042
Nonresidential OU-1/OU-2 FSP	21	5734	CA-21-5734-16	1,140,143.2	658,082.7	0.039
Nonresidential OU-1/OU-2 FSP	21	5755	CA-21-5755-17	1,140,019.6	658,244.8	0.037
Nonresidential OU-1/OU-2 FSP	21	5761	CA-21-5761-18	1,139,983.4	658,070.7	0.039
Nonresidential OU-1/OU-2 FSP	21	5761	CA-21-5761-19	1,139,806.5	658,231.3	0.039
Nonresidential OU-1/OU-2 FSP	21	8541	CA-21-8541-20	1,141,122.1	658,112.1	0.044
Nonresidential OU-1/OU-2 FSP	22	5619	CA-22-5619-01	1,140,654.9	657,281.1	0.054
Nonresidential OU-1/OU-2 FSP	22	5621	CA-22-5621-02	1,140,508.2	657,363.1	0.17
Nonresidential OU-1/OU-2 FSP	22	5621	CA-22-5621-03	1,140,875.8	657,454.9	0.037
Nonresidential OU-1/OU-2 FSP	22	5621	CA-22-5621-04	1,140,637.8	657,456.0	0.048
Nonresidential OU-1/OU-2 FSP	22	5621	CA-22-5621-05	1,140,737.4	657,527.4	5.2
USEPA Programs	22	5621	PB-021B-03	1,140,451.3	657,465.5	0.40
Nonresidential OU-1/OU-2 FSP	22	5697	CA-22-5697-06	1,140,059.2	657,161.5	0.040
Nonresidential OU-1/OU-2 FSP	22	5697	CA-22-5697-07	1,140,234.3	657,291.1	0.034
Nonresidential OU-1/OU-2 FSP	22	5702	CA-22-5702-08	1,140,422.2	657,307.0	0.058
Nonresidential OU-1/OU-2 FSP	22	5702	CA-22-5702-09	1,139,977.5	657,411.7	0.26
Nonresidential OU-1/OU-2 FSP	22	5764	CA-22-5764-10	1,139,739.1	657,107.0	0.42
Nonresidential OU-1/OU-2 FSP	22	5837	CA-22-5764-11	1,139,511.3	657,274.4	0.26
Nonresidential OU-1/OU-2 FSP	22	5837	CA-22-5837-12	1,139,454.5	657,158.9	0.039
USEPA Programs	22	5837	PB-002-04	1,139,157.2	657,152.1	0.20
USEPA Programs	22	5837	PB-002-05	1,139,202.3	656,960.3	0.065
Nonresidential OU-1/OU-2 FSP	22	5839	CA-22-5837-13	1,139,235.9	657,324.7	0.037
USEPA Programs	22	5839	PB-002-01	1,139,491.2	657,364.9	0.023
USEPA Programs	22	5887	PB-003-03	1,139,133.3	656,946.6	0.18
USEPA Programs	22	5887	PB-003-06	1,138,882.0	657,320.7	0.36
USEPA Programs	22	5918	PB-003-01	1,138,829.9	656,881.4	2.2
Nonresidential OU-1/OU-2 FSP	22	5932	CA-22-5932-14	1,138,589.7	656,883.7	15
Nonresidential OU-1/OU-2 FSP	22	5932	CA-22-5932-15	1,138,558.5	657,096.7	0.42
Nonresidential OU-1/OU-2 FSP	22	5932	CA-22-5932-16	1,138,743.7	657,271.6	0.12
Nonresidential OU-1/OU-2 FSP	22	5981	CA-22-5981-17	1,138,191.9	656,778.4	0.041
Nonresidential OU-1/OU-2 FSP	22	5981	CA-22-5981-18	1,138,047.7	656,805.0	0.036
Nonresidential OU-1/OU-2 FSP	23	5801	CA-23-5801-01	1,138,971.0	657,813.9	0.096
Nonresidential OU-1/OU-2 FSP	23	5801	CA-23-5801-02	1,139,082.9	657,581.0	0.27
Nonresidential OU-1/OU-2 FSP	23	5801	CA-23-5801-03	1,139,178.9	657,861.0	1.2
Nonresidential OU-1/OU-2 FSP	23	5801	CA-23-5801-04	1,139,186.0	657,761.5	0.13
Nonresidential OU-1/OU-2 FSP	23	5801	CA-23-5801-05	1,139,390.9	657,897.2	0.035
Nonresidential OU-1/OU-2 FSP	23	5801	CA-23-5801-06	1,139,497.8	657,618.7	0.035
Nonresidential OU-1/OU-2 FSP	23	5801	CA-23-5801-07	1,139,597.1	657,938.0	0.035
Nonresidential OU-1/OU-2 FSP	23	5801	CA-23-5801-08	1,139,709.0	657,706.1	0.089
Nonresidential OU-1/OU-2 FSP	23	5809	CA-23-5801-09	1,139,758.3	658,030.8	0.038
Nonresidential OU-1/OU-2 FSP	23	5809	CA-23-5809-10	1,138,971.0	657,987.0	0.041
Nonresidential OU-1/OU-2 FSP	23	5809	CA-23-5809-11	1,139,151.9	658,007.4	0.037
Nonresidential OU-1/OU-2 FSP	23	5811	CA-23-5811-12	1,139,636.7	658,263.2	0.039
Nonresidential OU-1/OU-2 FSP	23	5910	CA-23-5910-13	1,138,866.1	657,550.0	0.21
Nonresidential OU-1/OU-2 FSP	23	5912	CA-23-5912-14	1,138,762.0	657,876.0	0.51
Nonresidential OU-1/OU-2 FSP	23	5912	CA-23-5912-15	1,138,768.9	657,827.1	0.15
Nonresidential OU-1/OU-2 FSP	23	5912	CA-23-5912-16	1,138,837.0	657,730.1	1.2
Nonresidential OU-1/OU-2 FSP	23	5939	CA-23-5939-17	1,138,457.1	657,642.9	0.034
Nonresidential OU-1/OU-2 FSP	23	5939	CA-23-5939-18	1,138,553.9	657,737.0	0.035
Nonresidential OU-1/OU-2 FSP	23	5939	CA-23-5939-19	1,138,560.8	657,904.7	0.035
Nonresidential OU-1/OU-2 FSP	23	5939	CA-23-5939-20	1,138,658.0	657,690.0	0.19
Nonresidential OU-1/OU-2 FSP	24	5994	CA-24-5994-01	1,138,212.0	657,566.1	3.9

Table 5-1. OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	24	5994	CA-24-5994-02	1,138,278.0	658,168.0	0.13
Nonresidential OU-1/OU-2 FSP	24	6004	CA-24-6004-03	1,137,805.9	657,445.3	12
Nonresidential OU-1/OU-2 FSP	24	6004	CA-24-6004-04	1,137,924.1	657,452.8	7.7
Nonresidential OU-1/OU-2 FSP	24	6004	CA-24-6004-05	1,138,107.0	657,486.9	4.8
Nonresidential OU-1/OU-2 FSP	24	6004	CA-24-6004-07	1,138,003.1	657,543.9	2.9
USEPA Programs	24	6004	PB-004-04	1,137,735.0	657,667.8	0.14
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-09	1,137,278.6	657,382.6	5.5
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-10	1,137,491.4	657,407.4	0.74
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-11	1,137,635.3	657,418.0	5.4
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-13	1,137,402.9	657,442.7	2.7
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-14	1,137,706.3	657,477.9	31
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-15	1,137,272.5	657,489.6	38
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-16	1,137,585.0	657,532.1	4.6
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-17	1,137,423.6	657,572.9	4.7
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-18	1,137,677.5	657,639.4	3.2
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-90	1,137,318.7	657,564.2	21
Nonresidential OU-1/OU-2 FSP	24	6104	CA-24-6104-19	1,137,575.4	657,821.5	0.38
Nonresidential OU-1/OU-2 FSP	24	6104	CA-24-6104-20	1,137,519.1	657,849.0	0.036
Nonresidential OU-1/OU-2 FSP	24	6104	CA-24-6104-21	1,137,624.1	657,928.0	0.038
Nonresidential OU-1/OU-2 FSP	24	6137	CA-24-6137-22	1,137,315.1	657,936.1	0.23
Nonresidential OU-1/OU-2 FSP	24	6164	CA-24-6164-23	1,137,165.9	657,547.0	0.25
Nonresidential OU-1/OU-2 FSP	24	6164	CA-24-6164-24	1,137,096.3	657,556.9	2.6
Nonresidential OU-1/OU-2 FSP	24	6196	CA-24-6196-25	1,136,972.3	657,348.2	0.97
Nonresidential OU-1/OU-2 FSP	24	6196	CA-24-6196-26	1,136,889.5	657,391.7	2.2
Nonresidential OU-1/OU-2 FSP	24	6246	CA-24-6246-27	1,136,712.8	657,336.8	0.25
Nonresidential OU-1/OU-2 FSP	24	6267	CA-24-6267-28	1,136,560.9	657,543.1	0.039
Nonresidential OU-1/OU-2 FSP	24	6267	CA-24-6267-29	1,136,642.8	657,565.4	0.039
Nonresidential OU-1/OU-2 FSP	24	6282	CA-24-6282-30	1,136,517.8	657,320.0	13
Nonresidential OU-1/OU-2 FSP	24	6282	CA-24-6282-31	1,136,418.7	657,358.3	5.0
Nonresidential OU-1/OU-2 FSP	24	6282	CA-24-6282-32	1,136,252.1	657,460.9	0.037
Nonresidential OU-1/OU-2 FSP	24	6321	CA-24-6321-33	1,136,090.8	657,312.7	0.036
Nonresidential OU-1/OU-2 FSP	24	6321	CA-24-6321-34	1,136,069.8	657,442.0	0.042
Nonresidential OU-1/OU-2 FSP	24	6350	CA-24-6350-35	1,135,958.5	657,420.5	13
Nonresidential OU-1/OU-2 FSP	24	6350	CA-24-6388-36	1,135,838.3	657,498.5	3.0
Nonresidential OU-1/OU-2 FSP	24	6388	CA-24-6388-37	1,135,761.0	657,645.6	0.039
Nonresidential OU-1/OU-2 FSP	25	6127	CA-25-6127-01	1,137,358.3	657,193.1	0.062
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-02	1,137,309.2	657,167.4	0.28
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-03	1,136,307.2	656,587.1	0.040
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-04	1,136,629.2	656,630.5	0.056
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-05	1,136,351.3	656,706.6	0.028
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-06	1,136,798.1	656,821.0	0.17
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-07	1,136,056.1	656,879.6	0.31
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-08	1,135,883.4	656,978.3	0.040
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-09	1,136,217.2	657,023.5	0.043
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-10	1,136,395.8	657,089.6	0.12
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-11	1,137,019.9	657,126.5	0.043
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-12	1,136,608.2	657,169.0	0.41
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-13	1,136,090.8	657,173.3	0.22
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-14	1,136,770.0	657,198.1	0.092
Nonresidential OU-1/OU-2 FSP	25	6156	CA-25-6156-15	1,135,960.0	657,165.5	0.038
USEPA Programs	25	6156	PB-005-02	1,135,972.1	657,169.4	0.22
USEPA Programs	25	6156	PB-005-04	1,136,407.0	657,177.8	1.4
USEPA Programs	26	6387	PCTull-007	1,135,140.1	657,547.2	4.3
Nonresidential OU-1/OU-2 FSP	26	6440	CA-26-6440-01	1,135,481.8	657,248.7	2.2

Table 5-1. OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	26	6440	CA-26-6440-02	1,135,565.1	657,177.4	24
Nonresidential OU-1/OU-2 FSP	26	6440	CA-26-6440-03	1,135,484.5	657,147.4	2.3
Residential Sampling	26	6440	PE-077-B	1,135,536.8	657,128.2	4.7
USEPA Programs	26	6523	FC2-0083-C	1,135,124.4	657,504.2	8.2
USEPA Programs	26	6523	FC2-0083-D	1,135,142.5	657,308.4	4.4
Nonresidential OU-1/OU-2 FSP	26	6614	CA-26-6614-04	1,135,045.3	657,211.4	2.0
Nonresidential OU-1/OU-2 FSP	26	6622	CA-26-6622-05	1,135,028.1	657,312.6	4.0
USEPA Programs	26	6626	PCTull-001	1,135,083.0	657,445.5	0.27
USEPA Programs	26	6626	PCTull-002	1,135,092.2	657,466.1	2.1
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-6629-90	1,134,987.1	657,606.2	3.8
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-6629-92	1,135,069.2	657,516.3	99
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-9999-91	1,135,039.7	657,588.4	78
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-9999-93	1,134,981.2	657,657.6	12
USEPA Programs	26	6629	PB-RRB3-05	1,135,100.6	657,642.2	6.5
USEPA Programs	26	6629	PCTull-004	1,135,054.6	657,549.3	3.3
USEPA Programs	26	6629	PCTull-005	1,134,994.8	657,579.1	2.0
USEPA Programs	26	6629	PCTull-006	1,135,097.7	657,534.5	3.9
Nonresidential OU-1/OU-2 FSP	26	6673	CA-26-6673-06	1,134,887.7	657,252.4	0.43
Nonresidential OU-1/OU-2 FSP	26	6673	CA-26-6673-07	1,134,908.1	657,156.8	0.13
Nonresidential OU-1/OU-2 FSP	26	6675	CA-26-6675-08	1,134,916.2	657,543.8	0.55
Nonresidential OU-1/OU-2 FSP	26	6675	CA-26-6675-09	1,134,909.9	657,345.5	0.21
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-01	1,134,591.1	657,804.4	0.15
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-02	1,134,454.3	657,844.2	0.036
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-03	1,134,287.4	657,827.2	2.0
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-04	1,134,514.3	657,822.8	0.24
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-05	1,134,183.2	657,875.7	0.043
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-06	1,134,431.1	657,879.5	0.037
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-07	1,134,174.6	657,924.8	0.035
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-08	1,134,365.3	657,936.5	0.035
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-09	1,134,273.3	658,010.8	0.040
Nonresidential OU-1/OU-2 FSP	27	6730	CA-27-6730-10	1,134,160.7	658,147.3	0.036
Nonresidential OU-1/OU-2 FSP	27	6745	CA-27-6745-11	1,133,897.2	658,744.3	0.040
Nonresidential OU-1/OU-2 FSP	27	6746	CA-27-6746-12	1,133,998.9	658,558.4	0.13
Nonresidential OU-1/OU-2 FSP	27	6746	CA-27-6748-13	1,134,128.6	658,402.2	0.039
Nonresidential OU-1/OU-2 FSP	27	6748	CA-27-6748-14	1,134,387.3	658,145.0	0.082
Nonresidential OU-1/OU-2 FSP	27	6748	CA-27-6748-15	1,134,322.9	658,230.1	0.043
Nonresidential OU-1/OU-2 FSP	27	6829	CA-27-6829-16	1,134,026.7	658,309.9	0.042
Nonresidential OU-1/OU-2 FSP	27	6915	CA-27-6915-17	1,133,726.1	658,092.0	0.038
Nonresidential OU-1/OU-2 FSP	27	6915	CA-27-6915-18	1,133,665.9	658,225.0	0.040
Nonresidential OU-1/OU-2 FSP	27	6915	CA-27-6915-19	1,133,703.1	658,278.0	0.10
Nonresidential OU-1/OU-2 FSP	27	6915	CA-27-6915-20	1,133,524.1	658,292.1	1.3
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-01	1,132,529.5	656,487.3	0.038
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-02	1,131,826.4	656,516.6	0.037
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-03	1,131,252.9	656,484.4	0.037
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-04	1,132,176.0	656,551.9	0.048
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-05	1,132,005.0	656,580.3	0.10
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-06	1,131,067.0	656,596.1	0.037
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-07	1,132,386.4	656,616.9	0.037
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-08	1,131,162.1	656,607.1	0.037
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-09	1,131,529.4	656,657.0	0.10
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-10	1,131,899.1	656,769.0	0.31
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-11	1,130,904.4	656,834.8	0.040
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-12	1,131,392.4	656,954.9	0.036
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-13	1,132,498.9	656,876.9	0.037

Table 5-1. OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-14	1,132,316.0	656,932.9	0.060
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-15	1,131,113.0	657,050.2	0.83
Nonresidential OU-1/OU-2 FSP	29	7301	CA-29-7301-16	1,131,288.9	657,213.1	0.35
Nonresidential OU-1/OU-2 FSP	29	7536	CA-29-7536-17	1,131,945.0	656,965.7	0.036
Nonresidential OU-1/OU-2 FSP	29	7536	CA-29-7536-18	1,131,400.9	657,072.4	0.044
Nonresidential OU-1/OU-2 FSP	29	7536	CA-29-7536-19	1,131,847.8	657,094.0	0.037
Nonresidential OU-1/OU-2 FSP	29	7536	CA-29-7536-20	1,131,876.1	657,223.0	0.067
Nonresidential OU-1/OU-2 FSP	29	7536	CA-29-7536-21	1,131,691.1	657,288.0	0.088
Nonresidential OU-1/OU-2 FSP	3	1449	CA-03-1449-01	1,149,469.0	650,428.0	0.25
Nonresidential OU-1/OU-2 FSP	3	1449	CA-03-1449-02	1,149,440.1	650,499.9	0.30
Nonresidential OU-1/OU-2 FSP	3	1450	CA-03-1450-03	1,149,409.0	650,560.9	0.77
Nonresidential OU-1/OU-2 FSP	3	1529	CA-03-1529-04	1,149,230.1	650,402.0	0.36
Special Use Sampling	3	1700	CA-3-SU-1700-LA-B	1,148,905.9	650,439.0	1.1
Special Use Sampling	3	1700	CA-3-SU-1700-LA-C	1,148,959.9	650,481.3	0.78
Special Use Sampling	3	1803	CA-3-SU-1803-LA-C	1,148,822.3	650,508.9	0.71
Nonresidential OU-1/OU-2 FSP	3	1805	CA-03-1805-05	1,148,839.1	650,808.0	0.36
Nonresidential OU-1/OU-2 FSP	3	1805	CA-03-1805-06	1,148,825.9	650,967.0	0.60
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-07	1,148,715.0	650,757.9	0.045
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-08	1,148,595.0	650,790.0	0.048
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-09	1,148,536.0	650,794.0	0.48
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-10	1,148,602.0	650,842.9	0.036
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-11	1,148,775.0	650,861.0	0.15
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-12	1,148,722.1	650,888.0	0.28
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-13	1,148,655.1	650,900.0	0.32
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-14	1,148,759.9	650,970.0	0.64
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-15	1,148,639.9	651,002.0	0.34
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-16	1,148,706.9	651,019.9	0.28
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-17	1,148,820.0	651,179.1	0.22
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-18	1,148,796.0	651,417.9	30
Miscellaneous Programs	3	1806	LINEASL01D	1,148,541.9	650,996.1	27
Miscellaneous Programs	3	1806	LINEASL01E	1,148,556.1	650,990.7	11
Miscellaneous Programs	3	1806	LINEASL01F	1,148,565.5	650,987.1	1.1
Miscellaneous Programs	3	1806	LINEASL02D	1,148,720.9	651,314.0	20
Miscellaneous Programs	3	1806	LINEASL02E	1,148,735.1	651,308.5	29
Miscellaneous Programs	3	1806	LINEASL02F	1,148,744.4	651,305.0	6.8
Nonresidential OU-1/OU-2 FSP	3	2018	CA-03-2018-19	1,148,506.0	650,578.0	0.89
Nonresidential OU-1/OU-2 FSP	3	2018	CA-03-2018-20	1,148,422.9	650,684.0	1.9
Miscellaneous Programs	3	2018	ESL097	1,148,340.5	650,481.6	7.1
Miscellaneous Programs	3	2018	ESL098	1,148,370.9	650,520.7	4.3
Miscellaneous Programs	3	2018	ESL099	1,148,411.7	650,556.3	1.2
Miscellaneous Programs	3	2018	ESL100	1,148,375.2	650,576.3	3.9
Miscellaneous Programs	3	2018	ESL101	1,148,298.7	650,559.8	5.5
Miscellaneous Programs	3	2018	ESL102	1,148,388.2	650,691.0	4.3
Miscellaneous Programs	3	2018	ESL103	1,148,384.3	650,704.4	3.8
Miscellaneous Programs	3	2018	ESL105	1,148,491.6	650,712.5	1.2
Nonresidential OU-1/OU-2 FSP	30	7494	CA-30-7494-01	1,132,038.0	660,624.1	0.037
Nonresidential OU-1/OU-2 FSP	30	7494	CA-30-7494-02	1,132,010.3	660,642.6	0.051
Nonresidential OU-1/OU-2 FSP	30	7494	CA-30-7494-03	1,132,109.0	660,699.0	0.036
Nonresidential OU-1/OU-2 FSP	30	7494	CA-30-7494-04	1,132,014.0	660,715.0	0.038
Nonresidential OU-1/OU-2 FSP	30	7494	CA-30-7494-05	1,132,085.1	660,733.1	0.034
Nonresidential OU-1/OU-2 FSP	30	7494	CA-30-7494-06	1,132,132.2	660,761.1	0.040
Nonresidential OU-1/OU-2 FSP	30	7824	CA-30-7824-07	1,131,065.0	659,227.0	0.036
Nonresidential OU-1/OU-2 FSP	30	7824	CA-30-7824-08	1,131,189.8	659,235.5	0.035
Nonresidential OU-1/OU-2 FSP	30	7824	CA-30-7824-09	1,131,159.9	659,254.0	0.039

Table 5-1. OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	30	7824	CA-30-7824-10	1,131,124.9	659,271.9	0.035
Nonresidential OU-1/OU-2 FSP	4	900	CA-04-0900-01	1,150,359.1	651,589.9	0.26
USEPA Programs	4	900	PE-012-B	1,150,329.5	651,590.4	0.28
Nonresidential OU-1/OU-2 FSP	4	901	CA-04-0901-02	1,150,268.1	651,632.0	0.26
USEPA Programs	4	901	PE-012-A	1,150,369.6	651,616.9	0.36
Nonresidential OU-1/OU-2 FSP	4	904	CA-04-0904-03	1,150,107.0	651,296.1	0.57
Nonresidential OU-1/OU-2 FSP	4	904	CA-04-0904-04	1,150,029.3	651,336.2	0.91
Nonresidential OU-1/OU-2 FSP	4	904	CA-04-0904-05	1,150,386.0	651,374.1	0.80
Special Use Sampling	4	904	CA-4-SU-904-A	1,150,087.7	651,328.9	0.27
Residential Sampling	4	904	FC3-0003-A	1,149,997.3	651,401.2	1.8
Residential Sampling	4	904	FC3-0003-B	1,150,005.5	651,365.2	1.6
Residential Sampling	4	904	FC3-0003-C	1,150,016.1	651,322.3	0.91
Residential Sampling	4	904	FC3-0003-D	1,149,987.3	651,304.7	1.3
USEPA Programs	4	904	PF-023-A	1,150,118.0	651,382.5	0.78
USEPA Programs	4	904	PF-024-A	1,150,120.5	651,299.0	0.77
USEPA Programs	4	904	PF-027-A	1,150,282.8	651,283.7	0.97
USEPA Programs	4	904	PF-028-A	1,150,289.8	651,358.4	0.74
USEPA Programs	4	904	PF-030-A	1,150,370.1	651,331.8	0.94
USEPA Programs	4	942	PC-083-A	1,150,277.2	651,823.4	0.11
USEPA Programs	4	942	PC-083-B	1,150,280.1	651,768.3	0.040
USEPA Programs	4	988	PF-029-A	1,150,202.8	651,482.4	0.044
Nonresidential OU-1/OU-2 FSP	4	1015	CA-04-1015-07	1,150,038.0	651,688.1	0.39
Nonresidential OU-1/OU-2 FSP	4	1015	CA-04-1015-08	1,150,130.1	651,715.9	0.039
Nonresidential OU-1/OU-2 FSP	4	1080	CA-04-1080-09	1,149,980.0	651,786.1	0.69
Nonresidential OU-1/OU-2 FSP	4	1080	CA-04-1080-10	1,150,099.1	651,841.0	0.36
USEPA Programs	4	1180	PC-084-A	1,149,910.7	651,875.8	0.67
USEPA Programs	4	1180	PC-084-B	1,149,900.3	651,801.4	0.12
Nonresidential OU-1/OU-2 FSP	4	1183	CA-04-1183-11	1,149,809.0	651,646.0	0.32
9th Street Ditch	4	1191	W9_1191_LBSTA1	1,149,905.1	650,463.4	0.82
9th Street Ditch	4	1191	W9_1191_LBSTA2	1,149,859.5	650,397.9	0.32
9th Street Ditch	4	1191	W9_1191_RBSTA1	1,149,905.1	650,463.4	2.6
9th Street Ditch	4	1191	W9_1191_RBSTA2	1,149,859.5	650,397.9	1.7
Nonresidential OU-1/OU-2 FSP	4	1213	CA-04-1213-12	1,149,843.0	650,639.0	0.40
USEPA Programs	4	1213	FC2-0076-E	1,149,864.6	650,556.6	0.90
USEPA Programs	4	1213	PE-014-A	1,149,860.6	650,700.3	1.8
USEPA Programs	4	1213	PE-014-B	1,149,847.1	650,637.2	0.81
USEPA Programs	4	1267	PE-002-A	1,149,763.5	651,454.3	0.26
USEPA Programs	4	1267	PE-002-B	1,149,754.6	651,525.7	0.43
USEPA Programs	4	1267	PE-003-A	1,149,769.4	651,449.1	0.64
USEPA Programs	4	1267	PE-003-B	1,149,764.9	651,595.0	0.22
Nonresidential OU-1/OU-2 FSP	4	1295	CA-04-1295-13	1,149,723.2	650,234.5	0.84
Nonresidential OU-1/OU-2 FSP	4	1298	CA-04-1298-14	1,149,685.3	650,484.2	0.76
USEPA Programs	4	1346	PE-001-B	1,149,650.7	651,476.8	0.18
Special Use Sampling	4	1350	CA-04-SU-1349-LA-E	1,149,643.2	651,296.0	0.80
USEPA Programs	4	1352	FC4-0024-A	1,149,618.7	650,172.2	0.18
USEPA Programs	4	1352	FC4-0024-B	1,149,600.1	650,164.4	1.7
Nonresidential OU-1/OU-2 FSP	4	1353	CA-04-1353-15	1,149,636.9	650,190.9	0.084
Miscellaneous Programs	4	1353	HA-049	1,149,554.1	650,111.7	0.50
Miscellaneous Programs	4	1353	HA-050	1,149,598.6	650,112.0	0.50
Miscellaneous Programs	4	1353	HA-051	1,149,599.0	650,148.7	0.50
Miscellaneous Programs	4	1353	HA-052	1,149,643.5	650,148.6	0.50
Miscellaneous Programs	4	1353	HA-053	1,149,599.5	650,186.6	0.50
Miscellaneous Programs	4	1353	HA-054	1,149,644.5	650,185.1	0.50
Nonresidential OU-1/OU-2 FSP	4	1365	CA-04-1365-16	1,149,591.0	650,401.0	1.2

Table 5-1. OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Total PCB (mg/kg)
Miscellaneous Programs	5	1671	ASL-134	1,148,965.5	652,735.4	11
Miscellaneous Programs	5	1671	ASL-135	1,149,017.5	652,726.8	2.9
Miscellaneous Programs	5	1671	ASL-136	1,148,786.9	652,838.6	3.6
Miscellaneous Programs	5	1671	ASL-137	1,148,790.2	652,891.7	6.1
Miscellaneous Programs	5	1671	ASL-138	1,148,792.1	652,946.9	110
Miscellaneous Programs	5	1671	ASL-139	1,148,732.6	652,841.2	3.0
Miscellaneous Programs	5	1671	ASL-140	1,148,842.7	652,836.4	11
Miscellaneous Programs	5	1671	ASL-182	1,148,792.9	652,920.5	5.9
Miscellaneous Programs	5	1671	ASL-183	1,148,780.7	652,953.1	41
Miscellaneous Programs	5	1671	ASL-184	1,148,795.3	652,972.4	59
Miscellaneous Programs	5	1671	ASL-185	1,148,811.0	652,950.2	120
Miscellaneous Programs	5	1671	ASL-189	1,148,872.7	652,838.6	89
Miscellaneous Programs	5	1671	ASL-190	1,148,874.3	652,809.5	11
Miscellaneous Programs	5	1671	ASL-217	1,148,978.7	652,698.2	0.42
Miscellaneous Programs	5	1671	ASL-219	1,148,976.4	652,595.7	0.13
Miscellaneous Programs	5	1671	ASL-220	1,148,974.8	652,549.5	0.047
Miscellaneous Programs	5	1671	ASL-224	1,148,926.6	652,699.5	0.26
Miscellaneous Programs	5	1671	ASL-226	1,148,832.2	652,813.2	0.31
Miscellaneous Programs	5	1671	ASL-229	1,148,678.9	652,811.1	0.57
Miscellaneous Programs	5	1671	ASL-230	1,148,681.8	652,861.0	0.50
Miscellaneous Programs	5	1671	ASL-235	1,148,750.9	652,910.7	0.13
Miscellaneous Programs	5	1671	ASL-239	1,148,760.9	652,658.6	0.87
Miscellaneous Programs	5	1671	ASL-242	1,148,813.8	652,548.4	0.12
Nonresidential OU-1/OU-2 FSP	5	1671	CA-05-1936-09	1,148,688.0	652,533.8	3.3
Miscellaneous Programs	5	1671	TH-2	1,148,794.8	652,932.5	11
Miscellaneous Programs	5	1671	TH-3	1,148,851.6	652,866.4	250
Miscellaneous Programs	5	1671	TH-4	1,148,920.5	652,802.0	140
Miscellaneous Programs	5	1671	TH-5	1,148,965.0	652,749.9	10
USEPA Programs	5	1743	PB-RR-37	1,148,953.0	651,994.7	3700
USEPA Programs	5	1743	PB-RR-40	1,148,953.0	651,994.7	2.3
CSSMA	5	1782	ASED300	1,148,680.6	651,387.4	130
CSSMA	5	1782	ASED350	1,148,704.5	651,429.0	39
CSSMA	5	1782	ASED400	1,148,732.5	651,479.6	77
CSSMA	5	1782	ASED450	1,148,751.7	651,522.7	110
CSSMA	5	1782	ASED500	1,148,777.3	651,565.8	82
CSSMA	5	1782	ASED550	1,148,800.9	651,604.7	280
CSSMA	5	1782	ASL055	1,148,474.8	651,604.4	9.8
Miscellaneous Programs	5	1782	ASL056	1,148,496.4	651,713.3	4.9
Miscellaneous Programs	5	1782	ASL107	1,148,148.3	650,713.1	2.9
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-01	1,148,191.0	650,793.2	0.036
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-02	1,148,289.0	651,213.1	2.3
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-03	1,148,538.9	651,412.0	24
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-04	1,148,610.0	651,447.0	34
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-05	1,148,554.9	651,562.1	390
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-06	1,148,699.1	651,644.9	21
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-07	1,148,450.1	651,727.0	1.2
Miller Property	5	1782	MP-03	1,148,152.9	650,715.0	0.74
Miller Property	5	1782	MP-08	1,148,210.1	650,927.0	1.4
USEPA Programs	5	1782	PB-RR-42	1,148,803.2	651,634.1	0.21
CSSMA	5	1782	SED-C1	1,148,684.1	651,396.4	41
Special Use Sampling	5	1809	CA-5-SU-1809-B	1,148,723.2	652,438.3	0.18
Nonresidential OU-1/OU-2 FSP	5	1821	CA-05-1821-08	1,148,708.0	652,061.4	2.2
Miscellaneous Programs	5	1936	10-DS-3	1,148,502.5	652,505.4	0.082
Miscellaneous Programs	5	1936	ASL040	1,148,516.6	652,240.7	1.2

Table 5-1. OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Total PCB (mg/kg)
USEPA Programs	5	1936	PB-020-02	1,148,534.7	652,227.5	0.61
USEPA Programs	5	1936	PB-020-06	1,148,668.2	652,242.6	2.9
USEPA Programs	5	1936	PB-020-07	1,148,668.2	652,242.6	2.8
Miscellaneous Programs	5	1945	ASL045	1,148,626.8	652,081.9	1.4
Nonresidential OU-1/OU-2 FSP	5	1945	CA-05-1945-10	1,148,579.9	652,117.4	0.66
USEPA Programs	5	1945	PB-020-01	1,148,659.6	652,153.3	0.74
Nonresidential OU-1/OU-2 FSP	5	1996	CA-05-1996-11	1,148,569.8	652,007.0	0.18
Miscellaneous Programs	5	2006	ASL157	1,148,423.4	650,947.2	1.6
Miscellaneous Programs	5	2006	ASL158	1,148,430.0	650,968.5	9.5
Nonresidential OU-1/OU-2 FSP	5	2006	CA-05-2006-12	1,148,136.9	650,478.1	4.7
Miller Property	5	2006	MP-01	1,148,091.6	650,495.7	2.7
Miller Property	5	2006	MP-02	1,148,139.6	650,576.8	0.88
Miller Property	5	2006	MP-04	1,148,215.5	650,640.6	1.2
Miller Property	5	2006	MP-05	1,148,209.3	650,747.6	2.2
Miscellaneous Programs	5	2006	RASL164	1,148,104.4	650,509.0	0.077
Miscellaneous Programs	5	8583	ASL-195	1,148,955.7	652,900.4	61
Miscellaneous Programs	5	8583	ASL-196	1,148,924.5	652,941.1	46
Miscellaneous Programs	5	8583	ASL-197	1,148,894.2	652,982.7	78
Miscellaneous Programs	5	8583	ASL-199	1,148,839.2	653,062.0	24
Miscellaneous Programs	5	8583	ASL-200	1,148,854.6	653,132.1	52
Miscellaneous Programs	5	8583	ASL-202	1,148,907.6	653,055.4	69
Miscellaneous Programs	5	8583	ASL-206	1,148,982.8	653,030.4	73
Miscellaneous Programs	5	8583	ASL-207	1,148,945.7	653,069.4	91
Miscellaneous Programs	5	8583	ASL-209	1,148,898.6	653,156.6	2.1
Miscellaneous Programs	5	8583	ASL-211	1,148,891.9	653,285.9	0.50
Miscellaneous Programs	5	8583	ASL-215	1,148,924.1	653,325.4	0.099
Miscellaneous Programs	5	8583	ASL-216	1,148,928.5	653,381.3	2.9
Miscellaneous Programs	5	8583	ASL-232	1,148,909.5	652,861.4	4.8
Miscellaneous Programs	5	8583	ASL-233	1,148,870.1	652,908.8	4.2
Miscellaneous Programs	5	8583	ASL-237	1,148,787.8	653,022.1	23
Nonresidential OU-1/OU-2 FSP	5	8583	CA-05-8583-13	1,149,006.0	652,761.8	46
Nonresidential OU-1/OU-2 FSP	5	8583	CA-05-8583-14	1,148,972.0	652,940.1	180
Nonresidential OU-1/OU-2 FSP	5	8583	CA-05-8583-15	1,148,963.9	653,187.3	0.92
Miscellaneous Programs	5	8583	SED-A08	1,148,819.6	653,031.4	250
Nonresidential Other	5	8583	T-11 E10	1,148,974.6	652,946.9	340
Nonresidential Other	5	8583	T-11 N10	1,148,984.6	652,936.9	500
Nonresidential Other	5	8583	T-11 S10	1,148,964.6	652,936.9	430
Nonresidential Other	5	8583	T-11 W10	1,148,974.6	652,926.9	350
Miscellaneous Programs	6	2083	10-DS-1	1,148,444.6	652,497.6	0.082
Miscellaneous Programs	6	2083	10-DS-2	1,148,444.5	652,497.6	0.96
Nonresidential OU-1/OU-2 FSP	6	2083	CA-06-2083-01	1,148,412.3	652,427.5	1.1
Miscellaneous Programs	6	2096	1206WT-A	1,148,294.0	652,065.0	0.33
Miscellaneous Programs	6	2096	1206WT-B	1,148,347.7	651,974.5	0.081
USEPA Programs	6	2096	FC3-0029-A	1,148,297.4	652,097.5	0.48
USEPA Programs	6	2096	FC3-0030-A	1,148,373.5	651,978.5	0.18
USEPA Programs	6	2096	FC3-0030-B	1,148,334.6	651,976.3	0.18
Nonresidential OU-1/OU-2 FSP	6	2113	CA-06-2113-02	1,148,363.6	651,772.9	3.7
Special Use Sampling	6	2113	CA-6-SU-2113-LA-A	1,148,323.1	651,769.5	1.3
Nonresidential OU-1/OU-2 FSP	6	2136	CA-06-2136-03	1,148,271.0	651,554.2	0.037
Nonresidential OU-1/OU-2 FSP	6	2136	CA-06-2136-04	1,148,171.3	651,618.6	3.9
USEPA Programs	6	2170	FC3-0029-B	1,148,276.1	652,080.4	0.57
USEPA Programs	6	2170	FC3-0030-C	1,148,277.2	651,998.8	0.18
USEPA Programs	6	2170	FC3-0030-D	1,148,269.9	652,052.7	0.20
Nonresidential OU-1/OU-2 FSP	6	2205	CA-06-2205-07	1,148,114.0	652,121.0	0.66

Table 5-1. OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Total PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	6	2205	CA-06-2205-11	1,147,861.9	652,290.9	1.5
Nonresidential OU-1/OU-2 FSP	6	2205	CA-06-2205-12	1,147,620.0	652,321.9	1.5
Nonresidential OU-1/OU-2 FSP	6	2205	CA-06-2205-13	1,148,164.9	652,383.0	0.39
Special Use Sampling	6	2205	CA-6-SU-2205-B	1,148,101.3	652,099.2	0.51
Special Use Sampling	6	2205	CA-6-SU-2205-D	1,147,836.6	652,073.6	1.2
Special Use Sampling	6	2205	CA-6-SU-2205-E	1,147,743.7	652,052.6	0.52
Special Use Sampling	6	2205	CA-6-SU-2205-I	1,148,056.4	652,262.0	0.39
Special Use Sampling	6	2205	CA-6-SU-2205-L	1,147,799.2	652,243.8	1.2
Special Use Sampling	6	2205	CA-6-SU-2205-M	1,147,749.2	652,244.8	0.79
Special Use Sampling	6	2205	CA-6-SU-2205-N	1,147,703.7	652,233.4	0.31
Special Use Sampling	6	2205	CA-6-SU-2205-O	1,148,091.4	652,323.2	0.46
Special Use Sampling	6	2205	CA-6-SU-2205-P	1,147,893.8	652,302.1	0.61
Special Use Sampling	6	2205	CA-6-SU-2205-Q	1,147,803.0	652,337.7	0.35
Special Use Sampling	6	2205	CA-6-SU-2205-R	1,148,057.4	652,391.4	0.38
Special Use Sampling	6	2205	CA-6-SU-2205-S	1,147,890.8	652,392.5	0.39
Special Use Sampling	6	2205	CA-6-SU-2205-T	1,147,756.8	652,386.9	0.57
Special Use Sampling	6	2205	CA-6-SU-2205-U	1,147,622.4	652,350.0	0.19
Nonresidential OU-1/OU-2 FSP	6	2498	CA-06-2498-14	1,147,588.9	652,126.0	0.14
Special Use Sampling	6	2498	CA-6-SU-2498-A	1,147,583.7	652,059.1	0.79
Special Use Sampling	6	2498	CA-6-SU-2498-B	1,147,648.0	652,069.1	0.53
Special Use Sampling	6	2498	CA-6-SU-2498-C	1,147,623.4	652,152.4	0.39
Special Use Sampling	6	2498	CA-6-SU-2498-D	1,147,627.9	652,200.9	0.78
Special Use Sampling	6	2498	CA-6-SU-2498-E	1,147,627.8	652,247.8	1.2
Residential Sampling	6	2896	FC2-0044-B	1,146,700.2	652,098.4	43
Nonresidential OU-1/OU-2 FSP	7	1435	CA-07-1435-01	1,149,372.1	652,618.1	0.82
Nonresidential OU-1/OU-2 FSP	7	1435	CA-07-1435-02	1,149,290.0	652,783.0	0.21
Nonresidential OU-1/OU-2 FSP	7	1435	CA-07-1435-03	1,149,174.0	652,812.9	0.65
Nonresidential OU-1/OU-2 FSP	7	1435	CA-07-1435-04	1,149,471.0	652,864.6	0.039
Nonresidential OU-1/OU-2 FSP	7	1435	CA-07-1435-05	1,149,392.9	652,879.9	0.13
Nonresidential OU-1/OU-2 FSP	7	1435	CA-07-1435-06	1,149,493.0	653,115.3	0.16
Nonresidential OU-1/OU-2 FSP	7	1435	CA-07-1435-07	1,149,187.0	653,276.0	0.22
USEPA Programs	7	1435	FC1-0044-A	1,149,443.2	653,036.8	0.18
USEPA Programs	7	1435	FC1-0044-B	1,149,408.2	653,190.6	0.17
USEPA Programs	7	1435	PA-100-B	1,149,287.4	652,617.5	0.80
USEPA Programs	7	1435	PA-118-A	1,149,448.3	652,591.2	1.9
USEPA Programs	7	1435	PA-118-B	1,149,380.8	652,713.2	0.084
USEPA Programs	7	1435	PD2-012	1,149,220.5	652,761.1	ND
USEPA Programs	7	1435	PD2-014	1,149,241.0	652,831.5	0.20
USEPA Programs	7	1435	PD2-016	1,149,451.5	652,829.1	0.20
USEPA Programs	7	1435	PD2-019	1,149,399.7	653,002.9	0.22
USEPA Programs	7	1438	PA-100-A	1,149,431.6	652,484.2	0.047
Nonresidential OU-1/OU-2 FSP	7	1520	CA-07-1520-08	1,149,169.9	652,536.0	12
Nonresidential OU-1/OU-2 FSP	7	1520	CA-07-1520-09	1,149,208.0	652,552.0	4.6
Residential Sampling	7	1577	CA-7-RES-1577-A	1,149,158.6	652,292.1	310
USEPA Programs	7	1577	PECON-019	1,149,140.6	652,230.1	50
Miscellaneous Programs	7	9999	LINEASL03D	1,148,987.0	651,888.2	3.8
Miscellaneous Programs	7	9999	LINEASL04E	1,149,089.0	652,246.0	17
Special Use Sampling	8	890	CA-8-SU-890-B	1,150,317.7	652,597.6	0.091
Special Use Sampling	8	890	CA-8-SU-890-D	1,150,195.3	652,536.2	0.16
Nonresidential OU-1/OU-2 FSP	8	1004	CA-08-1004-01	1,150,149.1	652,523.9	1.1
Nonresidential OU-1/OU-2 FSP	8	1168	CA-08-1168-02	1,149,921.5	652,161.1	0.46
Nonresidential OU-1/OU-2 FSP	8	1168	CA-08-1168-03	1,149,723.9	652,184.9	0.44
Nonresidential OU-1/OU-2 FSP	8	1209	CA-08-1209-04	1,149,839.0	651,946.0	0.71
Nonresidential OU-1/OU-2 FSP	8	1209	CA-08-1209-05	1,149,757.0	652,001.1	0.20

Table 5-1. OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Total PCB (mg/kg)
USEPA Programs	8	1288	FC2-0029-A	1,149,689.3	652,501.8	0.26
USEPA Programs	8	1288	FC2-0029-B	1,149,724.8	652,500.2	0.34
USEPA Programs	8	1288	FC2-0029-C	1,149,735.0	652,455.4	0.49
USEPA Programs	8	1288	PC-087-A	1,149,680.2	652,431.6	0.15
Nonresidential OU-1/OU-2 FSP	8	1299	CA-08-1299-06	1,149,646.1	652,106.0	0.12
USEPA Programs	8	1305	FE3-002-A	1,149,671.6	651,932.8	0.19
USEPA Programs	8	1305	FE3-003-A	1,149,718.1	651,936.6	0.62
Nonresidential OU-1/OU-2 FSP	8	1317	CA-08-1317-07	1,149,632.0	652,264.0	0.87
Residential Sampling	8	1317	FC2-0028-D	1,149,672.1	652,237.0	0.48
USEPA Programs	8	1317	PA-092-A	1,149,568.7	652,335.3	0.15
USEPA Programs	8	1317	PA-092-B	1,149,603.3	652,314.4	2.5
USEPA Programs	8	1354	PF-007-A	1,149,635.7	651,961.3	0.10
USEPA Programs	8	1354	PF-007-B	1,149,638.8	652,030.7	0.20
Nonresidential OU-1/OU-2 FSP	8	1374	CA-08-1374-08	1,149,548.9	652,226.9	0.98
USEPA Programs	8	1384	PE-071-A	1,149,594.9	651,934.1	0.60
USEPA Programs	8	1384	PE-071-B	1,149,602.2	652,080.2	0.050
USEPA Programs	8	1384	PF-006-A	1,149,573.6	651,959.3	0.034
USEPA Programs	8	1384	PF-006-B	1,149,573.1	652,030.2	0.057
Nonresidential OU-1/OU-2 FSP	9	1504	CA-09-1504-01	1,149,100.7	653,570.9	0.051
Nonresidential OU-1/OU-2 FSP	9	1504	CA-09-1504-02	1,149,176.1	653,646.0	0.043
Nonresidential OU-1/OU-2 FSP	9	1504	CA-09-1504-03	1,149,295.9	653,812.1	0.043
Nonresidential OU-1/OU-2 FSP	9	1504	CA-09-1504-04	1,149,056.9	653,923.1	0.037
Nonresidential OU-1/OU-2 FSP	9	1504	CA-09-1504-05	1,149,284.0	653,964.4	0.042
Nonresidential OU-1/OU-2 FSP	9	1504	CA-09-1504-06	1,149,236.1	654,145.0	0.048
Special Use Sampling	9	1504	CA-9-SU-1504-A	1,149,051.6	654,033.5	0.075
Special Use Sampling	9	1504	CA-9-SU-1504-B	1,149,044.1	653,864.9	0.081
Special Use Sampling	9	1504	CA-9-SU-1504-C	1,149,058.5	653,669.3	0.079
Special Use Sampling	9	1504	CA-9-SU-1504-D	1,149,130.7	653,667.9	0.073
Special Use Sampling	9	1504	CA-9-SU-1504-E	1,149,252.8	653,617.2	0.077
Special Use Sampling	9	1504	CA-9-SU-1504-F	1,149,256.8	653,760.1	0.078
Special Use Sampling	9	1504	CA-9-SU-1504-G	1,149,275.7	653,939.3	0.079
Special Use Sampling	9	1504	CA-9-SU-1504-H	1,149,261.0	654,125.5	0.076
Special Use Sampling	9	1504	CA-9-SU-1504-I	1,149,140.7	654,129.1	0.075
Nonresidential OU-1/OU-2 FSP	9	1597	CA-09-1597-07	1,149,027.0	654,920.0	4.9
Nonresidential OU-1/OU-2 FSP	9	1720	CA-09-1720-08	1,148,934.7	654,658.3	0.50
Nonresidential OU-1/OU-2 FSP	9	1720	CA-09-1720-09	1,148,612.5	654,698.5	0.039
Nonresidential OU-1/OU-2 FSP	9	1720	CA-09-1720-10	1,148,549.1	654,864.8	0.073
Nonresidential OU-1/OU-2 FSP	9	1720	CA-09-1720-11	1,148,907.9	655,087.1	0.047
Nonresidential OU-1/OU-2 FSP	9	1720	CA-09-1720-12	1,148,833.8	655,280.6	0.046
USEPA Programs	9	1720	PB-019-08	1,148,540.3	655,246.8	0.32
Nonresidential OU-1/OU-2 FSP	9	1722	CA-09-1722-13	1,148,948.8	653,687.1	0.92
Nonresidential OU-1/OU-2 FSP	9	1722	CA-09-1722-14	1,148,917.0	654,005.8	0.065
Nonresidential OU-1/OU-2 FSP	9	1722	CA-09-1722-15	1,148,903.9	654,262.7	0.035
Nonresidential OU-1/OU-2 FSP	9	1722	CA-09-1722-16	1,148,649.0	654,448.9	0.22
Nonresidential OU-1/OU-2 FSP	9	1722	CA-09-1722-17	1,148,727.8	654,533.0	0.15
USEPA Programs	9	1722	PB-019-03	1,148,780.0	654,081.6	0.57
Eastside Properties	ES	2214	GASCOSL07	1,148,214.1	651,267.4	57
Eastside Properties	ES	2286	WEL042	1,148,108.7	651,089.0	82
Eastside Properties	ES	2301	BNSL71	1,147,924.6	650,808.4	1.5
Eastside Properties	ES	2301	BNSL72	1,147,945.7	650,807.1	1.2
Eastside Properties	ES	2301	BNSL73	1,148,065.8	650,883.5	1.2
Eastside Properties	ES	2301	BNSL74	1,148,032.1	650,795.9	6.1
Eastside Properties	ES	2301	BNSL75	1,148,016.3	650,802.5	9.9
Miscellaneous Programs	ES	2301	HP-1	1,148,063.9	650,880.3	0.45

Table 5-1. OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Total PCB (mg/kg)
Miscellaneous Programs	ES	2301	HP-2	1,148,051.9	650,886.2	0.30
Miscellaneous Programs	ES	2301	HP-3	1,147,950.8	650,806.1	0.55
Miscellaneous Programs	ES	2301	HP-4	1,147,928.6	650,814.4	0.42
Miscellaneous Programs	ES	2301	HP-5	1,147,920.8	650,803.3	0.77
Eastside Properties	ES	2325	BNSL47A	1,148,013.7	650,781.3	2.8
Eastside Properties	ES	2325	BNSL47B	1,148,013.7	650,771.4	3.9
Eastside Properties	ES	2325	WEL043	1,148,033.0	650,785.3	1.3
Eastside Properties	ES	2325	WEL044	1,147,946.9	650,756.0	1.2
Eastside Properties	ES	2339	WEL045	1,147,933.7	650,643.1	1.4
Eastside Properties	ES	2339	WEL046	1,147,956.3	650,709.4	1.3
Eastside Properties	ES	2339	WEL048	1,147,922.3	650,725.1	1.2
Eastside Properties	ES	2381	BNSL34	1,147,794.0	650,996.6	18
USEPA Programs	ES	2401	PA-087-A	1,147,805.7	650,597.6	1.8
USEPA Programs	ES	2401	PA-087-B	1,147,897.1	650,587.7	1.4
Eastside Properties	ES	2402	WEL047	1,147,902.4	650,697.1	1.3
Eastside Properties	ES	2402	WEL050	1,147,880.2	650,712.5	1.2
Eastside Properties	ES	2411	WEL035	1,147,792.1	650,982.9	1.6
Eastside Properties	ES	2411	WEL036	1,147,792.1	650,982.9	1.9
Eastside Properties	ES	2416	WEL049	1,147,856.2	650,657.1	1.3
Eastside Properties	ES	2416	WEL051	1,147,798.6	650,641.5	1.3
Eastside Properties	ES	2416	WEL052	1,147,818.7	650,708.6	1.2
Eastside Properties	ES	2460	BNSL41	1,147,652.7	650,882.3	8.5
Eastside Properties	ES	2462	D11SED200	1,146,514.3	651,233.0	1.2
Eastside Properties	ES	2462	OFSL08	1,146,877.3	651,509.8	1.7
Eastside Properties	ES	2462	OFSL14	1,146,615.0	651,695.0	1.1
Eastside Properties	ES	2462	OFSL15	1,146,750.0	651,640.0	1.3
Eastside Properties	ES	2462	OFSL16	1,146,895.0	651,585.0	1.3
Eastside Properties	ES	2462	OFSL17	1,147,025.3	651,530.4	1.2
Eastside Properties	ES	2462	OFSL18	1,147,205.0	651,300.0	1.2
Eastside Properties	ES	2462	OFSL19	1,147,115.0	651,335.0	1.2
Eastside Properties	ES	2462	OFSL20	1,146,975.0	651,385.0	1.2
Eastside Properties	ES	2462	OFSL21	1,146,830.0	651,450.0	1.3
Eastside Properties	ES	2462	OFSL22	1,146,695.6	651,499.7	1.3
Eastside Properties	ES	2462	OFSL23	1,146,560.0	651,560.0	1.3
Eastside Properties	ES	2462	OFSL24	1,146,500.0	651,426.0	1.3
Eastside Properties	ES	2462	OFSL25	1,146,640.0	651,365.0	1.3
Eastside Properties	ES	2462	OFSL26	1,146,777.4	651,307.7	1.3
Eastside Properties	ES	2462	OFSL27	1,146,925.0	651,250.0	1.3
Eastside Properties	ES	2462	OFSL28	1,147,060.0	651,195.0	1.3
Eastside Properties	ES	2462	OFSL30	1,146,725.0	651,165.0	1.7
Eastside Properties	ES	2462	OFSL31	1,146,590.0	651,225.0	1.4
Eastside Properties	ES	2462	SED0350R125	1,146,463.9	651,178.9	14
Eastside Properties	ES	2462	SED1000R25	1,147,095.1	650,986.3	31
Eastside Properties	ES	2462	SED1420R175	1,147,371.2	651,349.1	4.2
Eastside Properties	ES	2462	SED1430R175	1,147,380.0	651,353.9	5.5
Eastside Properties	ES	2462	SED1430R225	1,147,356.5	651,398.0	260
Eastside Properties	ES	2462	SED1500R125	1,147,453.8	651,370.1	37
Eastside Properties	ES	2462	SED1700R125	1,147,632.8	651,458.5	1.3
Eastside Properties	ES	2462	WEL005	1,147,143.6	651,586.1	1.2
Eastside Properties	ES	2464	BNSL59	1,147,701.2	650,700.5	5.0
Eastside Properties	ES	2464	WEL053	1,147,703.0	650,772.4	1.2
USEPA Programs	ES	2465	FC2-0041-A	1,147,770.5	650,682.5	0.48
USEPA Programs	ES	2465	FC2-0041-B	1,147,696.9	650,674.4	2.8
USEPA Programs	ES	2465	FC2-0041-C	1,147,579.4	650,670.3	3.0

Table 5-1. OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Total PCB (mg/kg)
USEPA Programs	ES	2465	FC2-0041-D	1,147,558.6	650,673.6	3.1
Eastside Properties	ES	2465	WEL054	1,147,707.7	650,690.3	1.4
Eastside Properties	ES	2467	BNSL66	1,147,774.0	650,477.0	9.2
Miscellaneous Programs	ES	2491	2506-A2491	1,147,685.7	651,025.9	1.1
USEPA Programs	ES	2506	PC-023-A	1,147,700.5	651,061.5	2.1
USEPA Programs	ES	2506	PC-023-B	1,147,702.8	651,009.0	7.3
USEPA Programs	ES	2506	PC-024-A	1,147,629.2	651,064.9	6.6
USEPA Programs	ES	2506	PC-024-B	1,147,671.5	651,008.1	2.2
Eastside Properties	ES	2529	BNSL76	1,147,474.8	650,675.7	1.3
Eastside Properties	ES	2529	BNSL77	1,147,473.2	650,640.2	1.8
Eastside Properties	ES	2529	BNSL78	1,147,519.3	650,496.5	1.2
Eastside Properties	ES	2529	BNSL83	1,147,314.9	650,647.6	1.2
Eastside Properties	ES	2529	BNSL84	1,147,318.1	650,546.3	1.2
Eastside Properties	ES	2529	BNSL85	1,147,371.8	650,573.0	1.3
Eastside Properties	ES	2529	BNSL88	1,147,365.3	650,477.8	8.1
Eastside Properties	ES	2530	BNSL79	1,147,521.9	650,467.5	3.7
Eastside Properties	ES	2530	BNSL80	1,147,466.6	650,442.5	1.2
Eastside Properties	ES	2530	BNSL81	1,147,356.0	650,473.2	8.0
Eastside Properties	ES	2530	BNSL86	1,147,381.8	650,471.5	1.1
Eastside Properties	ES	2620	BNSL82	1,147,273.0	650,433.2	4.1
Eastside Properties	ES	2620	BNSL87	1,147,331.0	650,473.9	1.0
Eastside Properties	ES	2668	WEL006	1,147,185.1	651,685.6	1.3
Eastside Properties	ES	2673	D1SEDSE	1,146,972.8	650,655.8	1.0
Eastside Properties	ES	2673	D1SEDSW	1,146,978.0	650,487.3	1.0
Eastside Properties	ES	2838	CTSL06	1,146,594.5	650,537.9	14
Eastside Properties	ES	2838	CTSL12	1,146,679.9	650,441.0	1.1
Eastside Properties	ES	2838	WEL065	1,146,752.6	650,508.4	1.7
Eastside Properties	ES	2838	WEL066	1,146,833.0	650,508.1	7.5
Eastside Properties	ES	2842	GASCOSL14	1,146,882.8	650,716.7	3.7
Eastside Properties	ES	2843	MH-02	1,146,613.9	651,070.8	18
Eastside Properties	ES	2843	MH-03	1,146,620.4	651,048.8	0.81
Eastside Properties	ES	2844	SED0800R50	1,146,903.1	650,959.3	1.2
Eastside Properties	ES	2861	WEL060	1,146,849.3	650,834.7	1.2
Eastside Properties	ES	2880	WEL059	1,146,813.3	650,788.8	2.6
Eastside Properties	ES	2880	WEL062	1,146,794.4	650,738.8	1.4
Eastside Properties	ES	2921	CTSL03	1,146,707.4	650,651.9	2.2
Eastside Properties	ES	2926	SED0600L50	1,146,711.8	650,904.3	1.4
Eastside Properties	ES	2938	WEL064	1,146,660.1	650,743.7	1.2
Eastside Properties	ES	3054	KNSL07	1,146,332.8	650,667.9	2.7
Eastside Properties	ES	3054	SED0010L25	1,146,178.8	650,905.2	1.4
Eastside Properties	ES	3054	SED0010L50	1,146,168.9	650,882.2	23
Eastside Properties	ES	3054	SED0010R25	1,146,198.7	650,951.0	70
Eastside Properties	ES	3054	SED0010R50	1,146,208.7	650,974.0	72
Eastside Properties	ES	3054	SED0200R50	1,146,353.1	651,031.5	2.3
Eastside Properties	ES	3054	SED-4	1,146,401.5	651,384.1	1.0
Miscellaneous Programs	ES	3467	SWSL-01	1,147,563.7	650,626.8	0.45
Miscellaneous Programs	ES	3467	SWSL-02	1,147,563.6	650,605.9	0.069
Miscellaneous Programs	ES	3467	SWSL-03	1,147,567.6	650,590.0	0.99
Miscellaneous Programs	ES	3467	SWSL-04	1,147,567.0	650,569.2	0.30
Miscellaneous Programs	ES	3467	SWSL-05	1,147,584.2	650,572.2	0.30
Miscellaneous Programs	ES	3467	SWSL-06	1,147,566.9	650,550.1	0.13
Miscellaneous Programs	ES	3467	SWSL-07	1,147,565.7	650,530.2	0.076
Miscellaneous Programs	ES	3467	SWSL-08	1,147,566.8	650,510.5	0.12
Miscellaneous Programs	ES	3467	SWSL-09	1,147,567.6	650,489.8	0.19

Table 5-1. OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Total PCB (mg/kg)
Miscellaneous Programs	ES	3467	SWSL-10	1,147,567.8	650,467.9	1.4
Miscellaneous Programs	ES	3467	SWSL-11	1,147,568.4	650,448.3	0.28
Miscellaneous Programs	ES	3467	SWSL-12	1,147,585.6	650,464.8	0.11
Miscellaneous Programs	ES	3467	SWSL-13	1,147,584.8	650,619.5	0.064
Miscellaneous Programs	ES	3467	SWSL-14	1,147,610.7	650,618.7	0.89
Miscellaneous Programs	ES	3467	SWSL-15	1,147,629.4	650,624.6	0.50
Miscellaneous Programs	ES	3467	SWSL-16	1,147,651.4	650,630.6	0.47
Miscellaneous Programs	ES	3467	SWSL-17	1,147,674.0	650,634.2	0.80
Miscellaneous Programs	ES	3467	SWSL-18	1,147,690.2	650,629.8	0.40
Miscellaneous Programs	ES	3467	SWSL-19	1,147,707.5	650,629.3	0.038
Miscellaneous Programs	ES	3467	SWSL-20	1,147,723.3	650,628.8	0.074
Miscellaneous Programs	ES	3467	SWSL-21	1,147,743.1	650,629.4	0.15
Miscellaneous Programs	ES	3467	SWSL-22	1,147,761.2	650,630.1	0.19
Miscellaneous Programs	ES	3467	SWSL-23	1,147,587.7	650,600.7	0.38
Miscellaneous Programs	ES	3467	SWSL-24	1,147,609.7	650,584.1	0.23
Miscellaneous Programs	ES	3467	SWSL-25	1,147,629.7	650,605.0	0.25
Miscellaneous Programs	ES	3467	SWSL-26	1,147,626.6	650,573.0	0.46
Miscellaneous Programs	ES	3467	SWSL-27	1,147,651.5	650,591.4	0.22
Miscellaneous Programs	ES	3467	SWSL-28	1,147,666.1	650,608.3	2.3
Miscellaneous Programs	ES	3467	SWSL-29	1,147,666.5	650,569.1	0.32
Miscellaneous Programs	ES	3467	SWSL-30	1,147,575.4	650,429.0	0.088
Miscellaneous Programs	ES	3467	SWSL-31	1,147,592.5	650,439.0	0.10
Miscellaneous Programs	ES	3467	SWSL-32	1,147,685.5	650,530.1	0.68
Miscellaneous Programs	ES	3467	SWSL-33	1,147,706.4	650,607.8	0.46
Miscellaneous Programs	ES	3467	SWSL-34	1,147,727.8	650,590.8	0.89
Miscellaneous Programs	ES	3467	SWSL-35	1,147,746.6	650,607.9	1.2
Miscellaneous Programs	ES	3467	SWSL-36	1,147,760.1	650,596.1	0.32
USEPA Programs	ES	9999	FC1-0034-A	1,147,749.8	650,352.9	0.37
USEPA Programs	ES	9999	FC1-0034-B	1,147,667.6	650,352.8	0.67
USEPA Programs	ES	9999	FC1-0034-D	1,147,582.4	650,345.8	3.5
Northside Properties	NS	2070	ESL001	1,148,459.2	649,961.2	6.8
Northside Properties	NS	2073	ESL009	1,148,456.8	649,846.1	11
Northside Properties	NS	2077	ESL013	1,148,455.6	649,722.7	6.6
Northside Properties	NS	2148	ESL055	1,148,154.2	649,663.2	4.5
USEPA Programs	NS	2148	PB-ASP-11	1,148,254.6	649,667.8	3.4
11th Street Ditch	NS	2204	11SDbSTA0	1,148,139.7	650,345.8	65
Northside Properties	NS	2204	ESL093	1,148,176.1	650,345.1	160
11th Street Ditch	NS	2326	11SDd3STA0	1,148,072.7	650,322.3	4.2
11th Street Ditch	NS	2326	11SDd3STA1	1,148,012.7	650,231.8	7.5
11th Street Ditch	NS	2367	11SDbSTA21	1,147,076.3	648,505.4	0.80
11th Street Ditch	NS	2367	11SDbSTA22	1,147,025.3	648,419.8	0.72
11th Street Ditch	NS	2367	11SDbSTA23	1,146,972.9	648,332.9	0.47
11th Street Ditch	NS	2367	11SDbSTA24	1,146,924.1	648,249.1	0.93
11th Street Ditch	NS	2367	11SDbSTA25	1,146,871.7	648,162.7	0.73
Northside Properties	NS	2367	NPSL43	1,147,799.5	649,089.4	7.8
Miscellaneous Programs	NS	2367	NPSL44	1,147,782.4	649,103.2	7.2
USEPA Programs	NS	2367	PB-ASP-01	1,147,771.0	648,587.9	0.42
USEPA Programs	NS	2367	PB-ASP-03	1,147,981.5	648,848.0	2.4
USEPA Programs	NS	2367	PCWaste-10	1,147,054.4	648,234.0	10
USEPA Programs	NS	2367	PCWaste-11	1,147,054.4	648,234.0	10
9th Street Ditch	NS	2367	W9_RR_LBSTA11	1,147,944.5	648,647.3	0.43
USEPA Programs	NS	2373	PB-ASP-08	1,147,993.7	649,452.7	93
USEPA Programs	NS	2373	PECON-016	1,147,916.4	649,262.8	1.1
11th Street Ditch	NS	2440	11SDbSTA8	1,147,755.3	649,601.3	1.4

Table 5-1. OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Total PCB (mg/kg)
Miscellaneous Programs	NS	4214	SV-1	1,147,805.2	650,308.5	0.67
Miscellaneous Programs	NS	4214	SV-6	1,147,871.8	650,192.3	0.32
Miscellaneous Programs	NS	4214	SV-8	1,147,801.3	650,255.5	0.22
11th Street Ditch	NS	9999	11SDcSTA0	1,147,779.4	649,884.6	11
11th Street Ditch	NS	9999	11SDcSTA1	1,147,734.7	649,795.0	8.4
11th Street Ditch	NS	9999	11SDcSTA2	1,147,688.1	649,706.0	7.3
11th Street Ditch	NS	9999	11SDd2STA0	1,147,954.2	650,356.5	7.7

Notes:

CSSMA: central staging and soil management area
ES: eastside
EU: exposure unit
FSP: field sampling program
ID: identification
mg/kg: milligrams per kilogram
ND: nondetect
NS: northside
OU: operable unit
PCB: polychlorinated biphenyl
USEPA: United States Environmental Protection Agency

Table 5-2. Summary of OU-1/OU-2 Nonresidential Surface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

EU	Area (acres)	Locations	Maximum Discrete Detection (mg/kg)	Mean Surface Detection (mg/kg)	Surface UCL (mg/kg)	Nonresidential Area Of EU (%)	Weighted EU Surface Mean (mg/kg)
1	60.3	21	20	3.6	8.4	12	1.3
2	32.0	55	12	1.8	2.2	29	1.2
3	18.7	37	30	4.9	18	39	2.5
4	19.5	53	2.6	0.76	0.78	47	0.89
5	20.3	92	3,700	100	350	89	89
6	25.2	40	43	2.2	14	39	1.5
7	16.0	23	310	25	160	42	11
8	17.7	25	2.5	0.51	0.66	26	0.87
9	25.9	28	4.9	0.65	0.90	84	0.71
10	15.4	92	130	8.5	19	94	8.1
11	15.3	25	9.1	1.3	2.8	96	1.3
12	8.0	10	11	4.3	9.6	55	2.8
13	19.7	13	17	3.0	9.5	9.7	1.2
14 North	7.0	14	33	12	21	42	5.6
14 South	6.6	11	1.7	0.58	0.56	19	0.92
15/16	46.4	44	4.7	0.84	1.9	100	0.84
17	23.4	25	12	2.4	4.7	92	2.3
18	30.3	23	1.1	0.30	0.33	90	0.37
19 North	5.0	13	770	77	660	100	77
19 South	4.7	13	59	13	68	100	13
20	8.7	7	5.0	1.2	4.0	31	1.1
21	21.9	20	2.7	0.46	0.51	100	0.46
22	26.5	25	15	1.5	7.3	100	1.5
23	19.7	20	1.2	0.37	0.41	100	0.37
24	30.0	36	38	6.8	12	100	6.8
25	22.2	17	1.4	0.27	0.56	86	0.37
26	18.8	23	99	12	34	31	4.4
27	25.9	20	2.0	0.46	0.45	100	0.46
28	54.6	0	--	--	--	100	--
29	37.0	21	0.83	0.20	0.19	100	0.20
30	40.6	10	0.039	0.039	SS	1.8	0.98
ES	57.0	146	260	9.1	19	80	7.5
NS	32.7	31	160	15	72	80	12
All	**813.0**	**1,033**	**3,700**	**15**	**38**	**69**	**12**
Excluding EU5	792.8	941	770	6.2	12	68	5.0
Exlcuding EU5, NS, ES	703.1	764	770	5.3	13	66	4.3

Notes:

ProUCL 4.1 was utilized for statistical summaries and UCL calculation for EUs with sufficient sample population. Microsoft Access 2010 was utilized for base statistical summaries.

Parent and duplicate samples were combined. If both detect or both nondetect, a mean was taken. If one was detected and other was nondetect, then the detected value was utilzed to represent the pair.

Results for maximum, mean, and UCL were rounded to two significant figures.

--: not sampled

APCO: Alabama Power Company
ES: eastside
EU: exposure unit
mg/kg: milligrams per kilogram
NC: not calculated; due to low sample count and/or low number of detected concentrations.
NS: northside
UCL: upper confidence limit

Table 5-3. OU-1/OU-2 Nonresidential Subsurface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Mean PCB (mg/kg)	Maximum PCB (mg/kg)
Miscellaneous Programs	1	3224	CWM-1,2,5	1,143,889.2	649,402.3	0.72	0.72
Miscellaneous Programs	1	3224	CWM-3,4,6	1,143,893.5	649,679.4	0.15	0.15
Miscellaneous Programs	10	1790	ABS-1	1,148,535.6	653,005.0	0.18	0.28
Miscellaneous Programs	10	1790	ABS-10	1,148,677.1	653,115.1	0.57	1.0
Miscellaneous Programs	10	1790	ABS-11	1,148,654.8	653,167.9	0.40	0.46
Miscellaneous Programs	10	1790	ABS-12	1,148,701.1	653,181.3	0.20	0.24
Miscellaneous Programs	10	1790	ABS-15	1,148,721.8	653,332.6	68	130
Miscellaneous Programs	10	1790	ABS-17	1,148,729.6	653,398.8	9.1	15
Miscellaneous Programs	10	1790	ABS-18	1,148,672.8	653,408.6	21	32
Miscellaneous Programs	10	1790	ABS-19	1,148,677.6	653,358.4	8.2	16
Miscellaneous Programs	10	1790	ABS-20	1,148,663.4	653,311.2	11	19
Miscellaneous Programs	10	1790	ABS-21	1,148,637.2	653,294.1	1.9	3.2
Miscellaneous Programs	10	1790	ABS-22	1,148,606.2	653,285.3	0.79	1.5
Miscellaneous Programs	10	1790	ABS-23	1,148,595.4	653,333.5	0.090	0.096
Miscellaneous Programs	10	1790	ABS-24	1,148,626.8	653,359.1	2.9	5.8
Miscellaneous Programs	10	1790	ABS-25	1,148,625.1	653,400.5	1.5	2.9
Miscellaneous Programs	10	1790	ABS-26	1,148,539.4	653,416.7	0.51	0.93
Miscellaneous Programs	10	1790	ABS-27	1,148,773.3	653,410.0	39	78
Miscellaneous Programs	10	1790	ABS-29	1,148,762.7	653,330.1	9.9	13
Miscellaneous Programs	10	1790	ABS-30	1,148,774.0	653,329.3	17	27
Miscellaneous Programs	10	1790	ABS-34	1,148,798.4	653,404.6	16	16
Miscellaneous Programs	10	1790	ABS-36	1,148,760.6	653,277.2	11	11
Miscellaneous Programs	10	1790	ABS-5	1,148,597.8	653,170.5	0.078	0.10
Miscellaneous Programs	10	1790	ABS-6	1,148,617.3	653,073.0	0.17	0.25
Miscellaneous Programs	10	1790	ABS-7	1,148,603.8	653,008.5	0.40	0.72
Miscellaneous Programs	10	1790	ABS-8	1,148,652.9	653,005.4	0.54	1.0
Miscellaneous Programs	10	1790	ABS-9	1,148,671.4	653,061.6	0.95	1.8
Miscellaneous Programs	10	1800	CA-1	1,148,680.0	653,650.4	0.41	0.67
Miscellaneous Programs	10	1800	CA-19	1,148,828.9	653,665.6	16	26
Miscellaneous Programs	10	1800	CA-2	1,148,673.8	653,674.5	0.16	0.32
Miscellaneous Programs	10	1800	CA-9	1,148,794.7	653,662.2	8.9	22
Nonresidential OU-1/OU-2 FSP	10	1807	CA-10-1807-02	1,148,789.3	653,687.1	3.0	6.3
Miscellaneous Programs	10	1807	CA-12	1,148,777.6	653,733.7	2.6	5.7
Miscellaneous Programs	10	1807	CA-13	1,148,770.4	653,757.8	0.80	0.88
Miscellaneous Programs	10	1807	CA-24	1,148,623.0	653,757.2	0.58	1.2
Miscellaneous Programs	10	1807	CA-25	1,148,541.3	653,762.0	0.18	0.33
Miscellaneous Programs	10	1807	CA-27	1,148,758.9	653,686.1	0.77	1.8
Miscellaneous Programs	10	1807	CA-28	1,148,752.6	653,710.2	0.14	0.27
Miscellaneous Programs	10	1807	CA-29	1,148,746.0	653,734.4	0.16	0.24
Miscellaneous Programs	10	1807	CA-30	1,148,739.5	653,758.4	0.091	0.15
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-11	1,148,361.8	654,359.7	64	190
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-12	1,148,378.0	654,437.6	150	560
Nonresidential OU-1/OU-2 FSP	10	2049	CA-10-2049-13	1,148,183.7	654,537.6	43	72
USEPA Programs	10	2049	PB-024-60	1,148,368.6	653,945.4	0.23	0.23
Nonresidential OU-1/OU-2 FSP	12	2737	CA-12-2737-05	1,146,546.0	655,845.9	4.9	13
Nonresidential OU-1/OU-2 FSP	12	2737	CA-12-2737-06	1,146,453.0	655,880.0	12	25
Nonresidential OU-1/OU-2 FSP	12	2819	CA-12-2819-07	1,146,698.6	655,483.5	7.3	19
Nonresidential OU-1/OU-2 FSP	13	2850	CA-13-2850-02	1,146,775.7	654,975.2	2.7	5.5

Table 5-3. OU-1/OU-2 Nonresidential Subsurface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Mean PCB (mg/kg)	Maximum PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	13	2900	CA-13-2900-09	1,146,714.6	655,168.8	4.3	8.1
Nonresidential OU-1/OU-2 FSP	13	2900	CA-13-2900-10	1,146,685.5	655,212.5	12	23
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-02	1,146,336.9	655,759.3	14	28
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-03	1,146,362.0	655,806.1	16	46
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-05	1,146,283.2	655,918.4	4.2	8.4
Nonresidential OU-1/OU-2 FSP	14 North	3053	CA-14-3053-06	1,146,199.9	656,047.2	5.7	11
Nonresidential OU-1/OU-2 FSP	14 North	3189	CA-14-3189-10	1,145,931.0	655,999.0	18	45
Nonresidential OU-1/OU-2 FSP	17	3536	CA-17-3536-03	1,145,418.7	657,091.8	2.7	10
Nonresidential OU-1/OU-2 FSP	17	4011	CA-17-4011-13	1,144,649.3	656,974.0	11	24
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-01	1,143,628.9	657,326.9	4.8	8.5
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-90	1,143,142.3	657,388.8	4.2	8.9
Nonresidential OU-1/OU-2 FSP	19 North	4559	CA-19-4559-92	1,143,564.0	657,356.6	11	31
USEPA Programs	19 North	4559	PB-010-60	1,143,066.6	657,297.1	0.26	0.26
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-15	1,143,300.9	657,209.9	510	1500
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-16	1,143,111.7	657,234.6	96	200
Nonresidential OU-1/OU-2 FSP	19 North	8560	CA-19-8560-91	1,143,514.6	657,167.6	9.1	27
Nonresidential OU-1/OU-2 FSP	19 South	5347	CA-19-5347-07	1,141,910.4	657,468.2	44	89
Nonresidential OU-1/OU-2 FSP	20	5368	CA-20-5368-10	1,141,955.4	657,152.7	4.7	13
USEPA Programs	22	5621	PB-021-60	1,140,587.4	657,386.5	0.034	0.034
USEPA Programs	22	5887	PB-003-60	1,139,030.4	657,293.1	0.20	0.20
Nonresidential OU-1/OU-2 FSP	24	6004	CA-24-6004-04	1,137,924.1	657,452.8	4.3	13
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-14	1,137,706.3	657,477.9	16	38
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-15	1,137,272.5	657,489.6	26	61
Nonresidential OU-1/OU-2 FSP	24	6098	CA-24-6098-90	1,137,318.7	657,564.2	13	28
USEPA Programs	24	6098	PB-004-60	1,137,614.4	657,680.9	0.63	0.63
Nonresidential OU-1/OU-2 FSP	24	6282	CA-24-6282-30	1,136,517.8	657,320.0	6.8	25
Nonresidential OU-1/OU-2 FSP	24	6350	CA-24-6350-35	1,135,958.5	657,420.5	10	22
Nonresidential OU-1/OU-2 FSP	26	6440	CA-26-6440-02	1,135,565.1	657,177.4	13	24
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-6629-90	1,134,987.1	657,606.2	14	31
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-6629-92	1,135,069.2	657,516.3	46	150
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-9999-91	1,135,039.7	657,588.4	36	150
Nonresidential OU-1/OU-2 FSP	26	6629	CA-26-9999-93	1,134,981.2	657,657.6	11	19
Nonresidential OU-1/OU-2 FSP	3	1806	CA-03-1806-18	1,148,796.0	651,417.9	18	45
Miscellaneous Programs	4	1353	HA-049	1,149,554.1	650,111.7	0.50	0.50
Miscellaneous Programs	4	1353	HA-050	1,149,598.6	650,112.0	0.50	0.50
Miscellaneous Programs	4	1353	HA-051	1,149,599.0	650,148.7	0.50	0.50
Miscellaneous Programs	4	1353	HA-052	1,149,643.5	650,148.6	0.50	0.50
Miscellaneous Programs	4	1353	HA-053	1,149,599.5	650,186.6	0.50	0.50
Miscellaneous Programs	5	1671	ASL-186	1,148,764.6	652,868.8	55	55
Miscellaneous Programs	5	1671	ASL-219	1,148,976.4	652,595.7	0.092	0.13
Miscellaneous Programs	5	1671	ASL-223	1,148,924.9	652,648.6	0.70	0.70
Miscellaneous Programs	5	1671	ASL-234	1,148,820.8	652,907.5	0.22	0.22
Miscellaneous Programs	5	1671	ASL-238	1,148,817.7	652,760.4	0.085	0.085
Miscellaneous Programs	5	1671	ASL-241	1,148,710.7	652,529.6	0.28	0.28
Miscellaneous Programs	5	1671	ASL-243	1,148,811.9	652,589.1	0.16	0.18
Miscellaneous Programs	5	1671	TH-1	1,148,772.1	652,956.0	52	52
Miscellaneous Programs	5	1671	TH-3	1,148,851.6	652,866.4	130	250
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-03	1,148,538.9	651,412.0	20	37

Table 5-3. OU-1/OU-2 Nonresidential Subsurface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

Dataset	EU	Parcel ID	Location ID	Northing	Easting	Mean PCB (mg/kg)	Maximum PCB (mg/kg)
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-04	1,148,610.0	651,447.0	43	76
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-05	1,148,554.9	651,562.1	170	610
Nonresidential OU-1/OU-2 FSP	5	1782	CA-05-1782-06	1,148,699.1	651,644.9	14	30
Nonresidential OU-1/OU-2 FSP	5	2006	CA-05-2006-12	1,148,136.9	650,478.1	2.7	5.4
Miscellaneous Programs	5	8583	ASL-193	1,149,021.4	652,828.4	62	65
Miscellaneous Programs	5	8583	ASL-195	1,148,955.7	652,900.4	72	110
Miscellaneous Programs	5	8583	ASL-197	1,148,894.2	652,982.7	58	88
Miscellaneous Programs	5	8583	ASL-203	1,148,942.2	653,008.7	6.6	6.6
Miscellaneous Programs	5	8583	ASL-207	1,148,945.7	653,069.4	100	110
Miscellaneous Programs	5	8583	ASL-215	1,148,924.1	653,325.4	0.21	0.32
Miscellaneous Programs	5	8583	ASL-225	1,148,952.6	652,816.1	1.3	1.3
Miscellaneous Programs	5	8583	ASL-232	1,148,909.5	652,861.4	2.5	4.8
Miscellaneous Programs	5	8583	ASL-236	1,148,827.3	652,962.3	5.6	5.6
Miscellaneous Programs	5	8583	ASL-237	1,148,787.8	653,022.1	35	62
Nonresidential OU-1/OU-2 FSP	5	8583	CA-05-8583-13	1,149,006.0	652,761.8	28	81
Nonresidential OU-1/OU-2 FSP	5	8583	CA-05-8583-14	1,148,972.0	652,940.1	150	360
Nonresidential Other	5	8583	T-11	1,148,974.6	652,936.9	1.5	3.0
Nonresidential Other	5	8583	T-11 E10	1,148,974.6	652,946.9	150	340
Nonresidential Other	5	8583	T-11 N10	1,148,984.6	652,936.9	210	500
Nonresidential Other	5	8583	T-11 S10	1,148,964.6	652,936.9	150	430
Nonresidential Other	5	8583	T-11 W10	1,148,974.6	652,926.9	560	1500
Nonresidential OU-1/OU-2 FSP	7	1520	CA-07-1520-08	1,149,169.9	652,536.0	7.2	15
Nonresidential OU-1/OU-2 FSP	9	1597	CA-09-1597-07	1,149,027.0	654,920.0	3.4	5.9
USEPA Programs	9	1720	PB-019-60	1,148,588.3	654,755.1	1.9	1.9
Eastside Properties	ES	2843	MH-03	1,146,620.4	651,048.8	0.54	0.81
Miscellaneous Programs	ES	3467	SWSL-03	1,147,567.6	650,590.0	0.40	0.99
Miscellaneous Programs	ES	3467	SWSL-10	1,147,567.8	650,467.9	0.70	1.4
Miscellaneous Programs	ES	3467	SWSL-28	1,147,666.1	650,608.3	0.83	2.3
Miscellaneous Programs	ES	3467	SWSL-35	1,147,746.6	650,607.9	0.45	1.2
Northside Properties	NS	2367	NSP-A	1,147,862.7	648,773.2	0.79	0.79
Northside Properties	NS	2367	NSP-E	1,147,087.6	648,361.0	0.55	0.55

Notes:

APCO: Alabama Power Company
ES: eastside
EU: exposure unit
FSP: field sampling program
ID: identification
mg/kg: milligrams per kilogram
ND: nondetect
NS: northside
PCB: polychlorinated biphenyl
USEPA: United States Environmental Protection Agency

Table 5-4. Summary of OU-1/OU-2 Nonresidential Subsurface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

EU	Area (acres)	Locations	Maximum Discrete Detection (mg/kg)	Mean Surface Detection (mg/kg)	Subsurface UCL (mg/kg)
1	60.3	2	0.72	0.43	NC
2	32.0	--	--	--	--
3	18.7	1	18	18	NC
4	19.5	5	ND	ND	ND
5	20.3	31	560	69	150
6	25.2	--	--	NS	--
7	16.0	1	7.2	7.2	NC
8	17.7	--	--	NS	--
9	25.9	2	3.4	3.4	NC
10	15.4	42	150	12	53
11	15.3	--	--	--	--
12	8.0	3	12	8.0	NC
13	19.7	3	12	6.4	NC
14 North	7.0	5	18	11	17
14 South	6.6	--	--	--	--
15/16	46.4	--	--	--	--
17	23.4	2	11	6.9	NC
18	30.3	--	--	--	--
19 North	5.0	7	510	91	930
19 South	4.7	1	44	44	NC
20	8.7	1	4.7	4.7	NC
21	21.9	--	--	--	--
22	26.5	2	ND	ND	ND
23	19.7	--	--	--	--
24	30.0	7	26	11	17
25	22.2	--	--	--	--
26	18.8	5	46	24	39
27	25.9	--	--	--	--
28	54.6	--	--	--	--
29	37.0	--	--	--	--
30	40.6	--	--	--	--
ES	57.0	5	0.83	0.58	0.76
NS	32.7	2	0.79	0.67	NC
All	**813.0**	**127**	**560**	**31**	**70**

Table 5-4. Summary of OU-1/OU-2 Nonresidential Subsurface Soil PCB Data by Exposure Unit
Anniston PCB Site, Anniston, Alabama

EU	Area (acres)	Locations	Maximum Discrete Detection (mg/kg)	Mean Surface Detection (mg/kg)	Subsurface UCL (mg/kg)
Excluding EU5	792.8	96	**510**	**18**	**51**
Excluding EU5, NS, ES	703.1	89	**510**	**19**	**55**

Notes:

ProUCL 4.1 was utilized for statistical summaries and UCL calculation for EUs with sufficient sample population. Microsoft Access 2010 was utilized for base statistical summaries.

Parent and duplicate samples were combined. If both detect or both nondetect, a mean was taken. If one was detected and other was nondetect, then the detected value was utilized to represent the pair.

Results for maximum, mean, and UCL were rounded to two significant figures.

--: not sampled
APCO: Alabama Power Company
ES: eastside

EU: exposure unit

mg/kg: milligrams per kilogram

NC: Not calculated due to low sample count and/or low number of detected concentrations.

ND: nondetect

NS: northside

UCL: upper confidence limit

Table 5-5. Sediment PCB Concentrations in Snow Creek Upstream of 11th Street Ditch
Anniston PCB Site, Anniston, Alabama

Water Body	Program	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (inches)	Depth Bottom (inches)	Total PCB (mg/kg)
Snow Creek	Anniston Lead Site	PB-008B-09	1,153,744.6	650,251.8	PB-008B-09	Original	3/24/2000	0.00	3.00	0.21 UJ
Snow Creek	Anniston Lead Site	PB-008C-07	1,152,580.7	650,905.5	PB-008C-07	Original	3/24/2000	0.00	3.00	18 J
Snow Creek	Anniston Lead Site	PB-008C-TB02	1,151,811.3	651,249.6	PB-008C-TB02	Original	3/24/2000	0.00	3.00	0.021 UJ
Snow Creek	USEPA Programs	PCWaste-005	1,151,334.5	651,350.0	PCWaste-005	Original	4/25/2000	0.00	3.00	0.14
Snow Creek	RFI Sediment	S-014-SED-1	1,150,440.5	651,431.5	S10001	Original	6/28/1999	0.00	2.00	0.40 J
Snow Creek	RFI Sediment	S-014-SED-1	1,150,440.5	651,431.5	S10002	Original	6/28/1999	2.00	8.00	0.081 U
Snow Creek	RFI Sediment	S-014-SED-2	1,150,438.5	651,434.8	S10003	Original	6/28/1999	0.00	2.00	0.41
Snow Creek	RFI Sediment	S-014-SED-2	1,150,438.5	651,434.8	S10004	Original	6/28/1999	2.00	8.00	0.45 J
Snow Creek	RFI Sediment	S-014-SED-2	1,150,438.5	651,434.8	S10005	Original	6/28/1999	8.00	15.00	0.064 J
Snow Creek	RFI Sediment	S-014-SED-3	1,150,435.8	651,437.3	S10006	Original	6/28/1999	0.00	2.00	0.24
Snow Creek	RFI Sediment	S-014-SED-3	1,150,435.8	651,437.3	S10007	Original	6/28/1999	2.00	9.00	0.11 J
Snow Creek	RFI Sediment	S-014-SED-3	1,150,435.8	651,437.3	S10008	Original	6/28/1999	9.00	14.00	0.082 U
Snow Creek	RFI Sediment	S-014-SED-4	1,150,434.7	651,440.9	S10009	Original	6/28/1999	0.00	2.00	0.97
Snow Creek	RFI Sediment	S-014-SED-4	1,150,434.7	651,440.9	S10010	Original	6/28/1999	2.00	4.00	0.14
Snow Creek	RFI Sediment	S-014-SED-4	1,150,434.7	651,440.9	S10011	Original	6/28/1999	4.00	15.00	0.082 U
Snow Creek	RFI Sediment	S-016-SED-1	1,151,417.6	651,348.4	S10012	Original	6/28/1999	0.00	2.00	0.083 U
Snow Creek	RFI Sediment	S-016-SED-1	1,151,417.6	651,348.4	S10013	Original	6/28/1999	2.00	7.00	0.077 U
Snow Creek	RFI Sediment	S-016-SED-2	1,151,421.9	651,344.7	S10014	Original	6/28/1999	0.00	2.00	0.082 U
Snow Creek	RFI Sediment	S-016-SED-2	1,151,421.9	651,344.7	S10015	Original	6/28/1999	2.00	8.00	0.079 U
Snow Creek	RFI Sediment	S-016-SED-3	1,151,414.3	651,342.2	S10016	Original	6/28/1999	0.00	2.00	0.043 J
Snow Creek	RFI Sediment	S-016-SED-3	1,151,414.3	651,342.2	S10017	Original	6/28/1999	2.00	7.00	0.079 U
Snow Creek	RFI Sediment	S-016-SED-4	1,151,412.1	651,339.6	S10018	Original	6/28/1999	0.00	2.00	0.24 J
Snow Creek	RFI Sediment	S-016-SED-4	1,151,412.1	651,339.6	S10019	Original	6/28/1999	2.00	6.50	0.078 U

Notes:

U: The analyte was analyzed for but not detected. The associated value is the compound quantitation limit.

J: The analyte was positively identified; however, the associated numerical value is an estimated concentration only.

UJ: The analyte was analyzed for but not detected. The associated value is the estimated compound quantitation limit.

ID: identification

mg/kg: milligrams per kilogram

QC: quality control

PCB: polychlorinated biphenyl

RFI: Resouce Conservation and Recovery Act (RCRA) Facility Investigation

USEPA: United States Environmental Protection Agency

Table 5-6. Sediment PCB Concentrations in West 9th Street Creek
Anniston PCB Site, Anniston, Alabama

Water Body	Program	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (inches)	Depth Bottom (inches)	Total PCB (mg/kg)
West 9th Street Creek	West 9th Street Creek	W9_0631_STA1	1,150,445.9	651,360.6	W9SC0631STA1COMP	Original	10/28/2002	0.00	6.00	0.97
West 9th Street Creek	West 9th Street Creek	W9_0631_STA2	1,150,445.8	651,287.2	W9SC0631STA2COMP	Original	10/28/2002	0.00	6.00	0.83
West 9th Street Creek	West 9th Street Creek	W9_0845_STA1	1,150,398.2	650,992.0	W9SC0845STA1COMP	Original	10/28/2002	0.00	6.00	0.61
West 9th Street Creek	West 9th Street Creek	W9_0845_STA2	1,150,332.0	650,918.7	W9SC0845STA2COMP	Original	10/28/2002	0.00	6.00	0.69
West 9th Street Creek	West 9th Street Creek	W9_0845_STA3	1,150,264.7	650,846.9	W9SC0845STA3COMP	Original	10/28/2002	0.00	6.00	0.23
West 9th Street Creek	West 9th Street Creek	W9_0845_STA4	1,150,195.5	650,777.8	W9SC0845FDSTA4COMP	Field Duplicate	10/28/2002	0.00	6.00	0.89
West 9th Street Creek	West 9th Street Creek	W9_0845_STA4	1,150,195.5	650,777.8	W9SC0845STA4COMP	Original	10/28/2002	0.00	6.00	0.089 U
West 9th Street Creek	West 9th Street Creek	W9_0845_STA5	1,150,119.9	650,697.5	W9SC0845FDSTA5COMP	Field Duplicate	10/29/2002	0.00	6.00	0.89
West 9th Street Creek	West 9th Street Creek	W9_0845_STA5	1,150,119.9	650,697.5	W9SC0845STA5COMP	Original	10/29/2002	0.00	6.00	0.24
West 9th Street Creek	West 9th Street Creek	W9_0845_STA6	1,150,054.7	650,635.1	W9SC0845STA6COMP	Original	10/29/2002	0.00	6.00	0.14
West 9th Street Creek	West 9th Street Creek	W9_0845_STA7	1,149,986.9	650,564.7	W9SC0845STA7COMP	Original	10/29/2002	0.00	6.00	0.088 U
West 9th Street Creek	West 9th Street Creek	W9_0845_STA8	1,149,943.3	650,514.4	W9SC0845STA8COMP	Original	10/29/2002	0.00	6.00	0.086 U
West 9th Street Creek	West 9th Street Creek	W9_0845D1_STA1	1,150,098.3	650,726.3	W9SC0845D1STA1COMP	Original	10/29/2002	0.00	6.00	0.18
West 9th Street Creek	West 9th Street Creek	W9_0845D2_LBSTA1	1,150,085.2	650,705.6	W9SC0845D2FDSTA1COMP	Field Duplicate	10/29/2002	0.00	6.00	0.49
West 9th Street Creek	West 9th Street Creek	W9_0845D2_STA1	1,150,080.8	650,700.2	W9SC0845D2STA1COMP	Original	10/29/2002	0.00	6.00	0.11
West 9th Street Creek	West 9th Street Creek	W9_1189_STA1	1,149,801.6	650,270.5	W9SC1189FDSTA1COMP	Field Duplicate	10/30/2002	0.00	6.00	0.97
West 9th Street Creek	West 9th Street Creek	W9_1189_STA1	1,149,801.6	650,270.5	W9SC1189STA1COMP	Original	10/30/2002	0.00	6.00	1.6
West 9th Street Creek	West 9th Street Creek	W9_1191_STA1	1,149,905.1	650,463.4	W9SC1191STA1COMP	Original	10/29/2002	0.00	6.00	0.096 U
West 9th Street Creek	West 9th Street Creek	W9_1191_STA2	1,149,859.5	650,397.9	W9SC1191STA2COMP	Original	10/29/2002	0.00	6.00	0.27
West 9th Street Creek	West 9th Street Creek	W9_1351_STA1	1,149,581.6	650,055.1	W9SC1351STA1COMP	Original	10/30/2002	0.00	6.00	0.11
West 9th Street Creek	West 9th Street Creek	W9_1572_STA1	1,149,138.2	649,320.7	W9SC1572FDSTA1COMP	Field Duplicate	10/30/2002	0.00	6.00	0.54
West 9th Street Creek	West 9th Street Creek	W9_1572_STA1	1,149,138.2	649,320.7	W9SC1572STA1COMP	Original	10/30/2002	0.00	6.00	0.68
West 9th Street Creek	West 9th Street Creek	W9_1573_STA1	1,149,115.7	649,250.6	W9SC1573STA1COMP	Original	10/30/2002	0.00	6.00	0.64
West 9th Street Creek	West 9th Street Creek	W9_1677_STA1	1,148,572.2	648,646.4	W9SC1677FDSTA1COMP	Field Duplicate	10/31/2002	0.00	6.00	0.64
West 9th Street Creek	West 9th Street Creek	W9_1677_STA1	1,148,572.2	648,646.4	W9SC1677STA1COMP	Original	10/31/2002	0.00	6.00	0.86
West 9th Street Creek	West 9th Street Creek	W9_1677_STA2	1,148,537.4	648,548.6	W9SC1677STA2COMP	Original	10/31/2002	0.00	6.00	2.0
West 9th Street Creek	West 9th Street Creek	W9_1677_STA3	1,148,411.7	648,375.3	W9SC1677STA3COMP	Original	10/31/2002	0.00	6.00	1.7
West 9th Street Creek	West 9th Street Creek	W9_2156_STA1	1,148,274.7	648,331.5	W9SC2156STA1COMP	Original	10/31/2002	0.00	6.00	7.0
West 9th Street Creek	West 9th Street Creek	W9_2290_STA1	1,148,073.5	648,187.3	W9SC2290STA-1	Original	10/31/2002	0.00	6.00	0.84
West 9th Street Creek	West 9th Street Creek	W9_2419_STA1	1,147,834.0	648,033.9	W9SC2419FDSTA1COMP	Original	11/19/2002	0.00	6.00	3.6 J
West 9th Street Creek	West 9th Street Creek	W9_2419_STA1	1,147,834.0	648,033.9	W9SC2419STA1COMP	Original	11/19/2002	0.00	6.00	13
West 9th Street Creek	West 9th Street Creek	W9_2419_STA2	1,147,766.5	647,984.5	W9SC2419STA2COMP	Original	11/19/2002	0.00	6.00	3.7
West 9th Street Creek	West 9th Street Creek	W9_RR_STA1	1,149,047.9	649,184.2	W9SCRRSTA1COMP	Original	10/30/2002	0.00	6.00	0.12
West 9th Street Creek	West 9th Street Creek	W9_RR_STA10	1,148,033.9	648,693.6	W9SCRRSTA-10	Original	11/1/2002	0.00	6.00	5.4
West 9th Street Creek	West 9th Street Creek	W9_RR_STA11	1,147,944.5	648,647.3	W9SCRRSTA-11	Original	11/1/2002	0.00	6.00	0.37
West 9th Street Creek	West 9th Street Creek	W9_RR_STA12	1,148,138.0	648,715.2	W9SCRRSTA-12	Original	11/1/2002	0.00	6.00	0.19
West 9th Street Creek	West 9th Street Creek	W9_RR_STA13	1,148,051.1	648,671.5	W9SCRRSTA-13	Original	11/1/2002	0.00	6.00	0.067
West 9th Street Creek	West 9th Street Creek	W9_RR_STA14	1,147,958.7	648,627.2	W9SCRRSTA-14	Original	11/1/2002	0.00	6.00	0.15
West 9th Street Creek	West 9th Street Creek	W9_RR_STA15	1,147,712.9	648,507.8	W9SCRRSTA-15	Original	11/14/2002	0.00	6.00	0.074 U
West 9th Street Creek	West 9th Street Creek	W9_RR_STA16	1,147,593.5	648,450.6	W9SCRRSTA-16	Original	11/14/2002	0.00	6.00	0.24
West 9th Street Creek	West 9th Street Creek	W9_RR_STA17	1,147,379.8	648,344.7	W9SCRRSTA-17	Original	11/14/2002	0.00	6.00	0.33

Table 5-6. Sediment PCB Concentrations in West 9th Street Creek
Anniston PCB Site, Anniston, Alabama

Water Body	Program	Location ID	Northing	Easting	Field Sample ID	QC Type	Sample Date	Depth Top (inches)	Depth Bottom (inches)	Total PCB (mg/kg)
West 9th Street Creek	West 9th Street Creek	W9_RR_STA2	1,148,956.6	649,148.7	W9SCRRSTA2COMP	Original	10/30/2002	0.00	6.00	0.086 U
West 9th Street Creek	West 9th Street Creek	W9_RR_STA3	1,148,861.6	649,108.1	W9SCRRSTA3COMP	Original	10/30/2002	0.00	6.00	0.084 U
West 9th Street Creek	West 9th Street Creek	W9_RR_STA4	1,148,768.8	649,069.4	W9SCRRFDSTA4COMP	Field Duplicate	10/30/2002	0.00	6.00	0.084 U
West 9th Street Creek	West 9th Street Creek	W9_RR_STA4	1,148,768.8	649,069.4	W9SCRRSTA4COMP	Original	10/30/2002	0.00	6.00	0.084 U
West 9th Street Creek	West 9th Street Creek	W9_RR_STA5	1,148,675.2	649,026.4	W9SCRRFDSTA5COMP	Field Duplicate	10/31/2002	0.00	6.00	0.41
West 9th Street Creek	West 9th Street Creek	W9_RR_STA5	1,148,675.2	649,026.4	W9SCRRSTA5COMP	Original	10/31/2002	0.00	6.00	0.61
West 9th Street Creek	West 9th Street Creek	W9_RR_STA6	1,148,605.0	648,991.9	W9SCRRSTA6COMP	Original	10/31/2002	0.00	6.00	0.37
West 9th Street Creek	West 9th Street Creek	W9_RR_STA7	1,148,301.6	648,823.7	W9SCRR-STA-7	Original	11/1/2002	0.00	6.00	0.33
West 9th Street Creek	West 9th Street Creek	W9_RR_STA8	1,148,215.9	648,781.9	W9SCRRSTA-8	Original	11/1/2002	0.00	6.00	0.24
West 9th Street Creek	West 9th Street Creek	W9_RR_STA9	1,148,126.4	648,739.7	W9SCRRFDSTA-9	Field Duplicate	11/1/2002	0.00	6.00	2.3
West 9th Street Creek	West 9th Street Creek	W9_RR_STA9	1,148,126.4	648,739.7	W9SCRRSTA-9	Original	11/1/2002	0.00	6.00	1.7
West 9th Street Creek	USEPA Programs	PA-101-A	1,147,709.3	647,914.3	PA-101-A	Original	2/16/2000	0.00	3.00	2.4
West 9th Street Creek	USEPA Programs	PA-101-B	1,147,705.0	647,897.6	PA-101-B	Original	2/16/2000	0.00	3.00	R
West 9th Street Creek	USEPA Programs	PCCON-001-E	1,147,739.0	647,963.4	PCCON-001-E	Original	4/25/2000	0.00	3.00	12
West 9th Street Creek	USEPA Programs	PCCON-001-F	1,147,705.7	647,926.8	PCCON-001-F	Original	4/25/2000	0.00	3.00	4.6
West 9th Street Creek	USEPA Programs	PCWaste-001-A	1,147,705.3	647,908.8	PCWaste-001-A	Original	4/25/2000	0.00	3.00	15
West 9th Street Creek	USEPA Programs	PCWaste-001-B	1,147,750.4	647,961.4	PCWaste-001-B	Original	4/25/2000	0.00	3.00	5.0
West 9th Street Creek	USEPA Programs	PCWaste-001-C	1,147,861.8	648,041.3	PCWaste-001-C	Original	4/25/2000	0.00	3.00	4.3
West 9th Street Creek	USEPA Programs	PCWaste-001-D	1,147,966.0	648,087.8	PCWaste-001-D	Original	4/25/2000	0.00	3.00	9.3
West 9th Street Creek	USEPA Programs	PCWaste-003-B	1,149,776.8	650,305.8	PCWaste-003-B	Original	4/25/2000	0.00	3.00	5.6

Notes:

U: The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

R: Data rejected during validation.

ID: identification

mg/kg: milligrams per kilogram

QC: quality control

PCB: polychlorinated biphenyl

USEPA: United States Environmental Protection Agency

Table 5-7. Sediment Metals Concentrations in Snow Creek Upstream of 11th Street Ditch
Anniston PCB Site, Anniston, Alabama

Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
Aluminum	mg/kg	1	1	2,100	2,100	2,100
Antimony	mg/kg	1	1	0.30	0.30	0.30
Arsenic	mg/kg	24	24	1.2	21	10
Barium	mg/kg	24	24	16	350	94
Beryllium	mg/kg	21	5	0.35	1.9	0.87
Cadmium	mg/kg	24	15	0.098	3.3	1.0
Calcium	mg/kg	1	1	2,600	2,600	2,600
Chromium	mg/kg	24	24	6.9	1,000	210
Cobalt	mg/kg	21	21	2.0	50	10
Copper	mg/kg	1	1	12	12	12
Iron	mg/kg	1	1	6,100	6,100	6,100
Lead	mg/kg	24	24	5.4	140	42
Magnesium	mg/kg	1	1	1,100	1,100	1,100
Manganese	mg/kg	21	21	110	7,500	1,100
Mercury	mg/kg	24	19	0.0081	0.13	0.036
Molybdenum	mg/kg	1	1	0.56	0.56	0.56
Nickel	mg/kg	21	21	4.5	29	12
Potassium	mg/kg	1	1	280	280	280
Selenium	mg/kg	4	0	--	--	--
Silver	mg/kg	4	0	--	--	--
Sodium	mg/kg	1	0	--	--	--
Strontium	mg/kg	1	1	4.5	4.5	4.5
Thallium	mg/kg	1	1	0.50	0.50	0.50
Tin	mg/kg	1	0	--	--	--
Titanium	mg/kg	1	1	56	56	56
Vanadium	mg/kg	21	21	4.3	59	31
Yttrium	mg/kg	1	1	1.5	1.5	1.5
Zinc	mg/kg	1	1	85	85	85

Notes:

Statistics were run using detected results only.

--: not applicable

mg/kg: milligrams per kilogram

Table 5-8. Sediment Metals Concentration Summary in West 9th Street Creek
Anniston PCB Site, Anniston, Alabama

Parameter	Unit	Samples (n)	Detected (n)	Minimum	Maximum	Mean
Aluminum	mg/kg	6	6	130	8,500	4,800
Antimony	mg/kg	58	21	0.50	22	8.4
Arsenic	mg/kg	58	58	1.5	71	14
Barium	mg/kg	6	6	6.3	320	120
Beryllium	mg/kg	58	40	0.35	1.7	0.81
Cadmium	mg/kg	58	38	0.34	8.2	2.3
Calcium	mg/kg	6	6	260	34,000	12,000
Chromium	mg/kg	58	58	2.7	1,000	81
Cobalt	mg/kg	6	3	4.4	32	22
Copper	mg/kg	58	58	6.3	1,300	140
Iron	mg/kg	6	6	430	37,000	16,000
Lead	mg/kg	58	58	8.4	1,200	230
Magnesium	mg/kg	6	6	94	20,000	6,400
Manganese	mg/kg	6	6	15	1,200	510
Mercury	mg/kg	58	57	0.022	0.96	0.23
Molybdenum	mg/kg	5	3	4.2	6.6	5.2
Nickel	mg/kg	58	56	1.8	270	40
Potassium	mg/kg	6	5	23	440	290
Selenium	mg/kg	58	1	1.2	1.2	1.2
Silver	mg/kg	58	3	1.1	4.8	2.5
Sodium	mg/kg	6	0	--	--	--
Strontium	mg/kg	5	4	1.4	25	12
Thallium	mg/kg	58	5	1.3	4.3	2.9
Tin	mg/kg	5	1	51	51	51
Titanium	mg/kg	5	5	8.2	440	160
Vanadium	mg/kg	6	4	14	35	22
Yttrium	mg/kg	5	0	--	--	--
Zinc	mg/kg	58	58	26	19,000	1,100

Notes:

Statistics were run using detected results only.

--: not applicable

mg/kg: milligrams per kilogram

Table 7-1. Cancer Risk Summary - RME Nonresidential Surface Soils PCBs and Non-PCBs
Anniston PCB Site, OU-1/OU-2, Anniston, Alabama

PCB-Based Risk Calculations

Exposure Unit	Industrial	Commercial Visitor		Schools & Day Care		Recreational		Trespasser
	Adult	Adult	Young Child	Adult	Young Child	Young Child	Adolescent	Adolescent
EU1	4.E-06	9.E-07	5.E-07	NA	NA	NA	NA	1.E-06
EU2	3.E-05	6.E-06	4.E-06	NA	NA	2.E-05	2.E-05	7.E-06
EU3	NA	1.E-06	8.E-07	NA	NA	4.E-06	3.E-06	1.E-06
EU5	1.E-04	3.E-05	2.E-05	NA	NA	NA	NA	3.E-05
EU6	NA	8.E-07	5.E-07	NA	NA	3.E-06	2.E-06	9.E-07
EU7	NA	NA	NA	5.E-05	1.E-04	6.E-05	5.E-05	2.E-05
EU8	NA	1.E-07	9.E-08	NA	NA	4.E-07	4.E-07	2.E-07
EU9	5.E-07	1.E-07	7.E-08	NA	NA	NA	NA	1.E-07
EU10	2.E-05	5.E-06	3.E-06	NA	NA	2.E-05	1.E-05	5.E-06
EU11	9.E-07	2.E-07	1.E-07	NA	NA	NA	NA	2.E-07
EU12	5.E-06	1.E-06	7.E-07	NA	NA	4.E-06	3.E-06	1.E-06
EU13	NA	1.E-06	8.E-07	NA	NA	NA	NA	1.E-06
EU14N	1.E-05	3.E-06	2.E-06	NA	NA	9.E-06	7.E-06	3.E-06
EU14S	9.E-07	2.E-07	1.E-07	NA	NA	7.E-07	5.E-07	2.E-07
EU15/16	7.E-07	2.E-07	1.E-07	NA	NA	5.E-07	4.E-07	2.E-07
EU17	2.E-06	5.E-07	3.E-07	NA	NA	NA	NA	6.E-07
EU19N	3.E-04	NA	NA	NA	NA	NA	NA	7.E-05
EU19S	3.E-05	NA	NA	NA	NA	NA	NA	7.E-06
EU20	NA	3.E-07	2.E-07	NA	NA	NA	NA	3.E-07
EU22	4.E-06	8.E-07	5.E-07	NA	NA	NA	NA	9.E-07
EU24	6.E-06	1.E-06	9.E-07	NA	NA	NA	NA	2.E-06
EU25	NA	3.E-07	2.E-07	NA	NA	NA	NA	4.E-07
EU26	5.E-05	NA	NA	NA	NA	4.E-05	3.E-05	1.E-05
Snow Creek-SW	NA	NA	NA	NA	NA	2.E-08	2.E-08	9.E-09

Non-PCB-Based Risk Calculations

Exposure	Industrial	Commercial Visitor		Schools & Day Care		Recreational		Trespasser
	Adult	Adult	Young Child	Adult	Young Child	Young Child	Adolescent	Adolescent
Sitewide	3.E-04	6.E-05	6.E-05	2.E-04	6.E-04	2.E-04	8.E-05	2.E-05

Notes:
Highlighted values exceed USEPA's risk threshold.
EU: exposure unit
NA: not available
PCB: polychlorinated biphenyl
RME: reasonable maximum exposure
USEPA: United States Environmental Protection Agency

Table 7-2. Noncancer Risk Summary - RME Nonresidential Surface Soils PCBs and Non-PCBs
Anniston PCB Site, OU-1/OU-2, Anniston, Alabama

PCB-Based Risk Calculations

Exposure Unit	Industrial	Commercial Visitor		Schools & Day Care		Recreational		Trespasser
	Adult	Adult	Young Child	Adult	Young Child	Young Child	Adolescent	Adolescent
EU1	0.3	0.06	0.05	NA	NA	NA	NA	0.2
EU2	2	0.4	0.4	NA	NA	2	3	1
EU3	NA	0.08	0.08	NA	NA	0.4	0.5	0.2
EU5	8	2	2	NA	NA	NA	NA	5
EU6	NA	0.06	0.05	NA	NA	0.3	0.4	0.2
EU7	NA	NA	NA	3	14	6	8	4
EU8	NA	0.01	0.008	NA	NA	0.04	0.06	0.03
EU9	0.03	0.007	0.006	NA	NA	NA	NA	0.02
EU10	1	0.3	0.3	NA	NA	2	2	0.9
EU11	0.06	0.01	0.01	NA	NA	NA	NA	0.04
EU12	0.3	0.07	0.07	NA	NA	0.2	0.5	0.2
EU13	NA	0.08	0.08	NA	NA	NA	NA	0.2
EU14N	0.8	0.2	0.2	NA	NA	0.8	1	0.5
EU14S	0.06	0.01	0.01	NA	NA	0.06	0.09	0.04
EU15/16	0.05	0.01	0.01	NA	NA	0.05	0.07	0.03
EU17	0.2	0.04	0.03	NA	NA	NA	NA	0.1
EU19N	18	NA	NA	NA	NA	NA	NA	12
EU19S	2	NA	NA	NA	NA	NA	NA	1
EU20	NA	0.02	0.02	NA	NA	NA	NA	0.06
EU22	0.3	0.06	0.05	NA	NA	NA	NA	0.2
EU24	0.4	0.09	0.08	NA	NA	NA	NA	0.3
EU25	NA	0.02	0.02	NA	NA	NA	NA	0.07
EU26	4	NA	NA	NA	NA	4	5	2
Snow Creek SW	NA	NA	NA	NA	NA	0.001	0.003	0.002

Non-PCB-Based Risk Calculations

Exposure	Industrial	Commercial Visitor		Schools & Day Care		Recreational		Trespasser
	Adult	Adult	Young Child	Adult	Young Child	Young Child	Adolescent	Adolescent
Sitewide	1	0.3	0.9	1	8	3	1	0.3

Notes:
Highlighted values are HIs above 1.
EU: exposure unit
HI: hazard index
NA: not available
PCB: polychlorinated biphenyl
RME: reasonable maximum exposure

Table 7-3. Summary of HHRA RGOs for PCBs in Soil
OU-1/OU-2 Remedial Investigation Report
Anniston PCB Site, Anniston, Alabama

		Total PCBs RGOs (mg/kg)					
		Cancer			Noncancer		
	Target Risk Limit =	1.E-06	1.E-05	1.E-04	0.1	1	3
Ind./Comm. Worker Value	Adult	2	21	206	3	29	88
Comm. Visitor Value	Adult	9	91	910	13	130	390
	Young Child	14	142	1,423	15	146	439
Schools/ Daycare Value	Adult	3	34	342	5	49	146
	Young Child	1	12	116	1.0	12	36
Trespasser Value	Adolescent	8	81	809	5	46	139
Recreational User Value	Young Child	3	28	278	3.0	29	86
	Adolescent	4	35	352	2.0	20	60
Construction Worker	Adult	56	565	5,645	10	97	290
Utility Worker	Adult	565	5,645	56,454	97	968	2,903

Notes:

HHRA: human health risk assessment
mg/kg: milligrams per kilogram
OU: operable unit
PCB: polychlorinated biphenyl
RGO: remedial goal option

reproduced from HHRA Table 8-7 (CDM 2010a)

Table 7-4. Summary of HHRA RGOs for Constituents other than PCBs
OU-1/OU-2 Remedial Investigation Report
Anniston PCB Site, Anniston, Alabama

		Total BaPE RGOs (mg/kg)					
		Cancer			Noncancer		
	Target Risk Limit =	1.E-06	1.E-05	1.E-04	0.1	1	3
Ind./Comm. Worker Value	Adult	0.2	2	21	NA	NA	NA
Comm. Visitor Value	Adult	0.9	9	93	NA	NA	NA
	Young Child	1	13	128	NA	NA	NA
Schools/ Daycare Value	Adult	0.3	3	31	NA	NA	NA
	Young Child	0.1	1	11	NA	NA	NA
Trespasser Value	Adolescent	1	10	97	NA	NA	NA
Recreational User Value	Young Child	0.3	3	27	NA	NA	NA
	Adolescent	0.4	4	40	NA	NA	NA
Construction Worker	Adult	5	53	534	NA	NA	NA
Utility Worker	Adult	53	534	5,341	NA	NA	NA

		Arsenic RGOs (mg/kg)					
		Cancer			Noncancer		
	Target Risk Limit =	1.E-06	1.E-05	1.E-04	0.1	1	3
Ind./Comm. Worker Value	Adult	4	38	382	62	616	1,847
Comm. Visitor Value	Adult	17	169	1,692	272	2,724	8,173
	Young Child	22	217	2,169	84	837	2,511
Schools/ Daycare Value	Adult	5.0	53	530	85	853	2,559
	Young Child	2	20	200	8	77	231
Trespasser Value	Adolescent	20	195	1,950	125	1,254	3,761
Recreational User Value	Young Child	5	48	481	19	185	556
	Adolescent	8	79	787	51	506	1,519
Construction Worker	Adult	93	925	9,254	60	596	1,787
Utility Worker	Adult	925	9,254	92,538	596	5,956	17,867
	Background =	32			32		

		Chromium RGOs (mg/kg)					
		Cancer			Noncancer		
	Target Risk Limit =	1.E-06	1.E-05	1.E-04	0.1	1	3
Ind./Comm. Worker Value	Adult	6.0	57	568	304	3,038	9,114
Comm. Visitor Value	Adult	25.0	251	2,512	1,343	13,429	40,286
	Young Child	23	228	2,277	878	8,776	26,329
Schools/ Daycare Value	Adult	6.0	57	570	305	3,050	9,151
	Young Child	3.0	26	255	98	984	2,953
Trespasser Value	Adolescent	92	918	9,175	1,965	19,649	58,948
Recreational User Value	Young Child	6.0	61	614	237	2,367	7,102
	Adolescent	22.0	221	2,208	473	4,731	14,192
Construction Worker	Adult	108	1,080	10,799	694	6,936	20,807
Utility Worker	Adult	1,080	10,799	107,990	6,936	69,357	208,072
	Background =	41			41		

Notes:
BaPE: benzo(a)pyrene
HHRA: human health risk assessment
mg/kg: milligrams per kilogram
OU: operable unit
PCB: polychlorinated biphenyl
RGO: remedial goal option

reproduced from HHRA Table 8-7 (CDM 2010a)

Table 7-5. Summary Statistics for Sediment Data[1]
Anniston PCB Site, Anniston, Alabama

Constituent	Sample Size	Minimum (mg/kg)	Maximum (mg/kg)	Mean (mg/kg)	Median (mg/kg)	Variance	Standard Deviation	95% UCL[2]	95% UCL Method
tPCB	51	0.66	60	8.5	4.0	116	11	15	95% KM (Chebyshev) UCL
Barium	12	52	577	163	101.5	23,168	152	255	95% Approximate Gamma UCL
Chromium	12	28	670	130	51	34,604	186	364	95% Chebyshev (Mean, Sd) UCL
Cobalt	12	2	88.5	19	12.5	546	23.4	33.2	95% Approximate Gamma UCL
Lead	15	14.6	510	79	49	14,014	122.5	126	95% H-UCL
Manganese	12	340	4,610	1,661	1,005	2,169,408	1,473	2,643	95% Approximate Gamma UCL
Mercury	12	0.013	2.2	0.40	0.195	0.37	0.61	0.82	95% Approximate Gamma UCL
Nickel	12	12	92	32	19	860	29	50	95% Approximate Gamma UCL
Vanadium	12	5.7	64	28	21	350	19	40	95% Approximate Gamma UCL

Notes:

[1] Sediment depth of 0 to 2 inch interval was used when multiple depths were sample

[2] 95% UCL calculated using ProUCL Version 4.1.01.

KM: Kaplan-Meier

mg/kg: milligrams per kilogram

tPCB: total polychlorinated biphenyl

UCL: upper confidence limit

H-UCL: UCL based on Land's H-statistic

Table 7-6. Summary Statistics for PCDD/PCDF and DL-PCB TEQs in Sediment
Anniston PCB Site, Anniston, Alabama

TEQs calculated assuming nondetected values = 0

Constituent	Sample Size	Minimum (µg/kg)	Maximum (µg/kg)	Mean (µg/kg)
Total TEQ[1] avian	2	0.014	0.34	0.18
Total PCDD/PCDF TEQ avian	2	0.0090	0.094	0.052
Total DL-PCB TEQ avian	2	0.0050	0.24	0.12
Total TEQ[1] mammalian	2	0.0054	0.18	0.092
Total PCDD/PCDF TEQ mammalian	2	0.0019	0.036	0.019
Total DL-PCB TEQ mammalian	2	0.0035	0.14	0.073

TEQs calculated assuming nondetected values = reporting limit for PCDD/PCDF and 1/2 reporting limit for DL-PCB

Constituent	Sample Size	Minimum (µg/kg)	Maximum (µg/kg)	Mean (µg/kg)
Total TEQ[1] avian	2	0.76	30	16
Total PCDD/PCDF TEQ avian	2	0.018	0.24	0.13
Total DL-PCB TEQ avian	2	0.74	30	15
Total TEQ[1] mammalian	2	0.28	11	5.8
Total PCDD/PCDF TEQ mammalian	2	0.0076	0.070	0.039
Total DL-PCB TEQ mammalian	2	0.27	11	5.8

Notes:
DL: dioxin-like
PCB: polychlorinated biphenyl
TEQ: 2,3,7,8-TCDD toxic equivalents
Total PCDD/PCDF: polychlorinated dibenzo-p-dioxin/polychlorinated dibenzofuran
µg/kg: micrograms per kilogram
[1]Total TEQ: sum of 2,3,7,8-TCDD toxic equivalents for PCDD/PCDF and DL-PCBs

Table 7-7. OU-1/OU-2 Investigation Whole Water Surface Water Data for Snow Creek
Anniston PCB Site, Anniston, Alabama

Location ID		National Ambient Water Quality Criteria		Oxford Park					
Sample ID				S50048	S50049	S50050	S50051	S50052	S50053
Sample Date	Units	Acute	Chronic	3/16/2007	3/16/2007	6/8/2007	6/8/2007	6/20/2007	6/20/2007
Total Suspended Solids	--	--	--	**310**	--	**64**	--	**496**	--
Barium	µg/L	NC	NC	92.9	--	25.6	24.1	201	--
Chromium	µg/L	16	11	10.8	--	2	2.2	32.9	--
Cobalt	µg/L	NC	NC	5	--	*1.9*	*1.9*	12.2	--
Lead	µg/L	65	2.5	28.6	--	4.8	4.2	96.4	--
Manganese	µg/L	NC	NC	640	--	72.8	68.5	2400	--
Mercury	µg/L	1.4	0.77	0.15	--	*0.018*	*0.018*	0.43	--
Nickel	µg/L	470	52	8.2	--	*2.4*	*2.4*	23.2	--
Vanadium	µg/L	NC	NC	16.4	--	4.8	4.1	33.9	--
Total Aroclor PCBs	µg/L	NC	0.014	*0.51*	*0.5*	*0.5*	--	*0.54*	--
Total Homolog PCBs[1]	µg/L	NC	0.014	0.4	*0.59*	0.40	--	0.17	--
2,3,7,8-TCDD[2]	pg/L	100,000	10	*0.57*	*0.57*	*0.59*	--	*0.84*	--
WHO Dioxin TEQ[2]	pg/L	100,000	10	5.47	8.57	2.74	--	21.9	--

Notes:

Values in italics indicate nondetected results - value shown is the maximum reporting limit.

Water Quality Criteria for lead and nickel are hardness dependent. Values presented assume a hardness of 100 mg/L CaCO3.

[1] Total PCBs calculated 0 for nondetected homologs when at least one homolog was detected.

[2] Criteria for 2,3,7,8-TCDD and TEQ are taken from USEPA Region 4 Freshwater Screening Values for Hazardous Waste Sites (USEPA 2001). TEQs calculated by summing PCDD/DF congeners using 1/2 sample reporting limit for nondetected results.

exceeds acute (and chronic) criterion

exceeds chronic criterion

--: not applicable
ID: identification
mg/L: milligrams per liter
NC: no criterion available
OU: operable unit
PCB: polychlorinated biphenyl
PCDD/DF: polychlorinated dibenzo-p-dioxins/dibenzofurans
pg/L: picograms per liter
TEQ: 2,3,7,8-TCDD Toxic Equivalents (TEQs are based on mammalian toxic equivalency factors [Vandenberg 2006])
WHO: World Health Organization
µg/L: micrograms per liter

Table 7-8. Sediment to Aquatic Biota Bioaccumulation Factors[1]
Anniston PCB Site, Anniston, Alabama

Constituent	Sediment to Aquatic Plants	Sediment to Emergent Insects	Sediment to Benthic Invertebrates[2]	Sediment to Crayfish[3]	Sediment to Mollusks	Sediment to Frogs[3]	Sediment to Snakes
tPCB	0.42	3.8	0.92	0.75	6.5	3.4	27
Barium	1.6	0.16	0.86	3.3	0.72	0.20	0.92
Chromium	0.20	0.57	0.23	0.14	0.73	0.13	0.95
Cobalt	0.66	0.44	0.69	*0.72*	0.72	0.46	0.26
Lead	0.40	0.05	0.44	0.22	0.37	0.06	0.37
Manganese	4.4	0.16	6.5	2.48	1.0	0.14	1.4
Mercury	0.11	0.25	0.39	0.27	0.47	0.75	1.1
Nickel	0.20	0.88	0.39	*0.59*	0.59	*1.2*	1.2
Vanadium	0.25	0.07	0.22	0.17	0.26	0.13	0.13

Notes:

[1]Bioaccumulation factors calculated as dry weight tissue to dry weight sediment.

[2]PCB uptake for benthic invertebrates also evaluated based on the regression equation from the laboratory data analysis (see Appendix A of SERA). The best fit equation employed is based on log normalized sediment dry and tissue dry weight (log (tissue concentration dw) = 0.6272*(log sediment PCBdw)+1.0224).

[3] *Values shown in italics could not be computed because all tissue samples were nondetected. For cobalt and nickel in crayfish, mollusk value used as surrogate. For nickel in frogs, snake value used as a surrogate.*

dw: dry weight

SERA: streamlined ecological risk assessment

tPCB: total polychlorinated biphenyl

Table 7-9. Avian Receptor Exposure Parameters
Anniston PCB Site, Anniston, Alabama

Parameter	Aquatic Herbivore		Aerial-Feeding Insectivore		Aquatic Invertivore		Aquatic Omnivore	
	Mallard		Tree Swallow		Spotted Sandpiper		Pied-Billed Grebe	
	Data	Source	Data	Source	Data	Source	Data	Source
Composition of Diet (%)								
Sediment	6%	Beyer et al. (1994) and Connor (1993), average of values	0%	Assumed to be negligible based on feeding strategy	18%	Beyer et al. (1994), average of four sandpiper values	6%	Mallard value assumed as a surrogate.
Aquatic Plants	80%	Herbivorous diet was chosen in order to evaluate mallard as an herbivorous receptor. Diet is based on professional judgment, supported by Dillon 1959 (in USEPA 1993) of a plant-based mallard diet in coastal Louisiana.	0%	--	0%	Diet adapted from Oring et al. (1997) using professional judgment to adjust based on food items available within Snow Creek portion of OU-1/OU-2.	10%	Diet adapted from Wetmore 1924 (in Muller and Storer 1999), using professional judgment to adjust based on food items available within Snow Creek portion of OU-1/OU-2.
Emergent Insects	0%		100%	Robertson et al. (1992)	50%		5%	
Benthic Invertebrates	10%		0%	--	50%		53%	
Crayfish	0%		0%	--	0%		20%	
Mollusk	10%		0%	--	0%		2%	
Amphibians	0%		0%	--	0%		10%	
Body Weight (kg)	1.2	Average of nonbreeding, adult birds (Drilling et al. 2002)	0.021	Robertson et al. (1992)	0.043	USEPA (1993), average of reported values	0.42	Average of both sexes (Muller and Storer 1999)
Food Ingestion Rate (kg/kg bw/d) (dw)	0.087	Average from Chukwudebe et al., 1998. Converted to dw using assumed % moisture in feed of 12%	0.24	Nagy (2001), allometric equation for insectivores	0.18	Nagy (2001), allometric equation for insectivores	0.071	Nagy (2001), allometric equation for omnivores

Notes:
%: percent
--: not applicable
dw: dry weight
kg: kilogram
kg/kg bw/d: kg/kg body weight per day
PCB: polychlorinated biphenyl
USEPA: United States Environmental Protection Agency

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Table 7-10. Mammalian Receptor Exposure Parameters
Anniston PCB Site, Anniston, Alabama

Parameter	Herbivore		Aerial-Feeding Insectivore		Omnivore	
	Muskrat		Little Brown Bat		Raccoon	
	Data	Source	Data	Source	Data	Source
Composition of Diet (%)						
Sediment	9%	Beyer et al. (1994), muskrat used as surrogate.	0%	Assumed to be negligible for aerial-feeding insectivores	9%	Beyer et al. (1994)
Aquatic Plants	90%	Diet adapted from USEPA 1993, using professional judgment to adjust based on food items available within Snow Creek portion of OU-1/OU-2. Primarily herbivorous, but in river and stream habitat diet includes mollusks (Neves and Odom 1989).	0%	--	44%	Diet adapted from USEPA 1993, using professional judgment to adjust based on food items available within Snow Creek portion of OU-1/OU-2.
Emergent Insects	0%		100%	Belwood and Fenton (1976), as cited in Sample and Suter (1994)	0%	
Benthic Invertebrates	5%		0%	--	13%	
Crayfish	0%		0%	--	15%	
Mollusk	5%		0%	--	13%	
Frogs	0%		0%	--	10%	
Snakes	0%		0%		5%	
Body Weight (kg)	1.1	Average of values given in Reid (2006)	0.01	Nagy (2001), allometric equation for little brown bat	5.6	USEPA (1993), average of adult and juvenile means values
Food Ingestion Rate (kg/kg bw/d) (dw)	0.07	Nagy (2001), allometric equation for Rodentia	0.18	Nagy (2001), allometric equation for little brown bat	0.03	Nagy (2001), allometric equation for Omnivores

Notes:
%: percent
--: not applicable
dw: dry weight
kg: kilogram
kg/kg bw/d: kg/kg body weight per day
OU: operable unit
PCB: polychlorinated biphenyl
USEPA: United States Environmental Protection Agency

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Table 7-11a. PCB Toxicity Values for Benthic Invertebrates
Anniston PCB Site, Anniston, Alabama

Species	Endpoint	Endpoint Type	Total PCB Concentrations (mg tPCB/kg dw sed)				
			EC0[a]	EC0*[a]	EC10* [a]	EC20* [a]	EC50* [a]
C. dilutus	13-d survival	Survival	---[b]	14	76	123	288
	13-d ash-free dry weight	Growth	---[b]	6	17	32	121
	13-d biomass per replicate chamber	Growth	---[b]	10	18	28	86
	Emergence percentage	Reproduction	---[b]	2	7	14	71
	Emergence time	Growth	---[c]	---[c]	---[c]	---[c]	---[c]
	Adult survival time	Survival	1.03	98	186	323	1420
	No. of egg cases	Reproduction	---[b]	21	31	46	146
	No. of eggs/egg case	Reproduction	---[c]	---[c]	---[c]	---[c]	---[c]
	Hatch percentage	Reproduction	---[c]	---[c]	---[c]	---[c]	---[c]
	Total young	Reproduction	---[b]	69	89	114	261
	Young/egg case	Reproduction	18	209	260	324	685
	Adult biomass per replicate chamber [d]	Growth	---[b]	0.4	1	3	17
H. azteca	28-d survival	Survival	---[b]	UND[e]	105	152	261
	28-d dry weight	Growth	---[c]	---[c]	---[c]	---[c]	---[c]
	28-d biomass per replicate chamber	Growth	---[b]	2	25	58	252
	28-d length	Growth	---[c]	---[c]	---[c]	---[c]	---[c]
	42-d survival	Survival	---[b]	31	127	165	262
	42-d dry weight	Growth	---[c]	---[c]	---[c]	---[c]	---[c]
	42-d biomass per replicate chamber	Growth	---[b]	18	40	68	231
	42-d length	Growth	---[c]	---[c]	---[c]	---[c]	---[c]
	42-d total young	Reproduction	---[b]	9	13	18	50
	42-d young/female	Reproduction	---[b]	1	3	5	26
	42-d young/female (normalized to 42-d survival)	Reproduction	---[b]	1	3	4	20

Notes:

[a] EC0 = the tPCB concentration at which the average reference-sediment response would be predicted to occur, when projected onto the concentration-response curve generated for that endpoint with OU-4 sediments. EC0*, EC10*, EC20* and EC50* are the regression-predicted PCB_A concentrations that would cause an additional 0%, 10%, 20%, or 50% effect beyond the lowest response measured in the reference sediments (i.e., 1×, 0.9×, 0.8×, and 0.5× the response at the "bottom" of the reference envelope).

[b] EC0 could not be estimated when the average reference-sediment response was greater than the regression-predicted maximum control-normalized response.

[c] Could not be calculated because a decreasing concentration-response relationship did not exist for this endpoint.

[d] Estimated as adult survival × 13-d ash-free dry weight, assuming adult ash-free dry weight (which was not measured) for each sediment was proportional to the 13-d ash-free dry weight that was measured for the sediment. Therefore, this endpoint has high uncertainty associated with it.

[e] UND: undefined EC0*, because the lowest control-normalized reference-sediment response (88.8%) was greater than the regression-predicted maximum control-normalized response (85.9%).

%: percent

d: day

mg tPCB/kg dw sed: milligrams total polychlorinated biphenyl per kilogram dry weight of sediment

PCB: polychlorinated biphenyl

Table 7-11b. Sediment Toxicity Benchmarks
Anniston PCB Site, Anniston, Alabama

COPC	Low Threshold[1]	High Threshold[1]
	mg/kg dw	mg/kg dw
tPCBs site-specific	See Table 7-11a	See Table 7-11a
tPCBs	0.06	0.68
Barium	NV	NV
Chromium (III)	43	111
Cobalt	50	NV
Lead	36	128
Manganese	NV	NV
Mercury (total)	0.18	1.1
Nickel	23	49
Vanadium	NV	NV

Notes:
[1] Benchmarks are Threshold Effect Concentrations and Probable Effects Concentrations taken from MacDonald et al. (2000).
COPC: constituent of potential concern
mg/kg dw: milligrams per kilogram dry weight
NV: no benchmark value available
tPCB: total polychlorinated biphenyl

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Table 7-12. Avian and Mammalian Toxicity Reference Values
Anniston PCB Site, Anniston, Alabama

COPC	Wildlife Toxicity Reference Values (mg/kg bw/d except as noted)					
	Birds			Mammals		
	NOAEL TRV	LOAEL TRV	Reference	NOAEL TRV	LOAEL TRV	Reference
Organics						
tPCB (mid-range sensitivity)	0.47	1.4	Koval et al 1987; NOAEL extrapolated	0.23	0.68	McCoy et al. 1995
tPCB (high sensitivity)	0.043	0.13	Lillie et al. 1974; NOAEL extrapolated	NA	NA	NA
Total TEQ (µg/kg bw/d)	0.14	NV	Custer et al. 2005	0.025	NV	Moore et al. 2012
Metals						
Barium	21	42	Sample et al. 1996[1]	52	121	USEPA 2005a
Chromium	2.7	2.8	USEPA 2008	2.4	2.8	USEPA 2008
Cobalt	7.6	8	USEPA 2005b	7.3	10	USEPA 2005b
Lead	1.6	3.3	USEPA 2005c	4.7	8.9	USEPA 2005c
Manganese	179	348	USEPA 2007a	52	65	USEPA 2007a
Mercury	0.023	0.068	Spalding et al. 2000; NOAEL extrapolated	0.075	0.15	Dansereau et al. 1999
Nickel	6.7	8.2	USEPA 2007b	1.7	3.4	USEPA 2007b
Vanadium	0.34	0.70	USEPA 2005d	4.2	8.3	USEPA 2005d

Notes:
COPC: constituent of potential concern
LOAEL: lowest observed adverse effect level
mg/kg bw/d: milligrams per kilogram of body weight per day
NA: not applicable
NV: no value available
NOAEL: no observed adverse effect level
OU: operable unit
tPCB: total polychlorinated biphenyl
TRV: toxicity reference value
Total TEQ: 2,3,7,8-TCDD toxic equivalents
µg/kg bw/d: micrograms per kilogram of body weight per day

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Heinz, G.H. 1975. Effects of methylmercury on approach and avoidance behavior of mallard ducklings. *Bull. Environ. Contam. Toxicol.* 13:554 564.

Heinz, G.H. 1976a. Methylmercury: Second generation reproductive and behavioral effects on mallard ducks. *J. Wildl. Manage.* 40:710 715.

Table 7-12. Avian and Mammalian Toxicity Reference Values
Anniston PCB Site, Anniston, Alabama

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USEPA. 2005c. Ecological Soil Screening Levels for Lead. Available at: http://www.epa.gov/ecotox/ecossl/pdf/eco-ssl_lead.pdf

USEPA. 2005d. Ecological Soil Screening Levels for Vanadium. Available at: http://www.epa.gov/ecotox/ecossl/pdf/eco-ssl_vanadium.pdf

USEPA. 2007a. Ecological Soil Screening Levels for Manganese. Available at: http://www.epa.gov/ecotox/ecossl/pdf/eco-ssl_manganese.pdf

USEPA. 2007b. Ecological Soil Screening Levels for Nickel. Available at: http://www.epa.gov/ecotox/ecossl/pdf/eco-ssl_nickel.pdf

USEPA 2008. Ecological Soil Screening Levels for Chromium. Available at: http://www.epa.gov/ecotox/ecossl/pdf/eco-ssl_chromium.pdf

Table 7-13a. PCB Site-Specific Risk-Based Concentrations for Benthic Invertebrates
Anniston PCB Site, Anniston, Alabama

Species	Endpoint	Site-Specific Risk Based Concentrations (mg tPCB/kg dw sed)			
		EC0[b]	EC0*[a]	EC10*[a]	EC20*[a]
C. dilutus[d]	13-d survival	0.05[c]	14	76	123
	13-d ash-free dry weight	0.05[c]	6	17	32
	13-d biomass per replicate chamber	0.05[c]	10	18	28
	Emergence percentage	0.05[c]	2	7	14
	Adult survival time	1[b]	98	186	323
	No. of egg cases	0.05[c]	21	31	46
	Total young	0.05[c]	69	89	114
	Young/egg case	18[b]	209	260	324
H. azteca[d]	28-d survival	0.05[c]	UND[e]	105	152
	28-d biomass per replicate chamber	0.05[c]	2	25	58
	42-d survival	0.05[c]	31	127	165
	42-d biomass per replicate chamber	0.05[c]	18	40	68
	42-d total young	0.05[c]	9	13	18
	42-d young/female	0.05[c]	1	3	5
	42-d young/female (normalized to 42-d survival)	0.05[c]	1	3	4

Notes:

[a] EC0*, EC10*, and EC20* are the regression-predicted PCB_A concentrations that would cause an additional 0%, 10%, or 20% effect beyond the lowest response measured in the reference sediments (i.e., 1×, 0.9×, and 0.8× the response at the "bottom" of the reference envelope).

[b] EC0 is the tPCB concentration at which the average reference-sediment response would be predicted to occur, when projected onto the concentration-response curve generated for that endpoint with OU-4 sediments.

[c] EC0 was set at a concentration of 0.05 (the mean reference sediment concentration) when the average reference-sediment response was greater than the regression-predicted maximum control-normalized response.

[d] SSRBCs are not calculated for 7 endpoints because a decreasing concentration-response relationship did not exist for the endpoint (See table 7-18a). In addition values for the adult biomass endpoint for *C. dilutus* are not included as SSRBCs because of the high uncertainty associated with the fact that adult ash-free dry weight was not measured.

[e] UND: undefined EC0*, because the lowest control-normalized reference-sediment response (88.8%) was greater than the regression-predicted maximum control-normalized response (85.9%).

d: day

mg/kg dw sed: milligrams per kilogram dry weight sediment

OU: operable unit

tPCB: total polychlorinated biphenyl

UND: undefined

Table 7-13b. Benthic Invertebrate, Avian and Mammalian Site-Specific Risk-Based Concentrations
Anniston PCB Site, Anniston, Alabama

NOAEL Site-Specific Risk-Based Concentrations (mg/kg except where noted)								
Constituent	**Benthic Invertebrates**	**Mallard**	**Tree Swallow**	**Spotted Sandpiper**	**Pied-Billed Grebe**	**Muskrat**	**Little Brown Bat**	**Raccoon**
Organics								
tPCB (mid-range sensitivity)	See Table 7-13a	5	0.5	1	5	4	0.3	3
tPCB (high sensitivity)	0.06	0.4	0.05	0.1	0.4	NA	NA	NA
Total TEQ (µg/kg)	NC	2	0.9	1	2	0.5	0.2	0.3
Metals								
Barium	NC	160	542	169	214	474	1,819	1,235
Chromium	43	97	19	26	131	109	24	229
Cobalt	50	120	72	57	149	142	94	370
Lead	36	41	136	22	58	140	528	403
Manganese	NC	473	4,661	287	563	169	1,808	549
Mercury	0.2	1	0.3	0.3	0.7	5	1.7	7
Nickel	23	243	32	46	164	77	11	110
Vanadium	NC	13	20	6	19	178	334	495
LOAEL Site-Specific Risk-Based Concentrations (mg/kg except where noted)								
Organics								
tPCB (mid-range sensitivity)	See Table 7-13a	14	2	3	14	12	1	8
tPCB (high sensitivity)	0.68	1	0.1	0.3	1	NA	NA	NA
Total TEQ (µg/kg)	NC	NC	NC	NC	NC	NC	NC	NC
Metals								
Barium	NC	322	1,086	340	429	1,106	4,249	2,884
Chromium	111	102	20	27	138	128	28	269
Cobalt	NC	123	74	59	153	193	128	504
Lead	128	82	272	43	117	265	1,000	763
Manganese	NC	919	9,063	559	1,095	214	2,282	693
Mercury	1	3	1	1	2	9	3	13
Nickel	49	295	39	56	199	154	22	220
Vanadium	NC	26	42	12	38	355	667	988

Notes:
LOAEL: lowest observed adverse effect level
mg/kg: milligram per kilogram
NA: not applicable
NC: no criteria available
NOAEL: no observed adverse effect level
tPCB: total polychlorinated biphenyl
Total TEQ: 2,3,7,8-TCDD toxic equivalents
µg/kg: micrograms per kilogram

Table 7-14a. PCB Site-Specific Risk-Based Concentrations Exceedances for Benthic Invertebrates
Anniston PCB Site, Anniston, Alabama

Species	Endpoint	Percent of Samples Exceeding SSRBC			
		EC0	EC0*[a]	EC10*[a]	EC20*[a]
C. dilutus	13-d survival	100%	18%	0%	0%
	13-d ash-free dry weight	100%	39%	14%	2%
	13-d biomass per replicate chamber	100%	29%	14%	6%
	Emergence percentage	100%	65%	39%	18%
	Adult survival time	88%	0%	0%	0%
	No. of egg cases	100%	10%	4%	2%
	Total young	100%	0%	0%	0%
	Young/egg case	14%	0%	0%	0%
H. azteca	28-d survival	100%	0%	0%	0%
	28-d biomass per replicate chamber	100%	71%	8%	2%
	42-d survival	100%	4%	0%	0%
	42-d biomass per replicate chamber	100%	14%	2%	0%
	42-d total young	100%	29%	20%	14%
	42-d young/female	100%	76%	57%	41%
	42-d young/female (normalized to 42-d survival)	100%	76%	61%	45%

Notes:

95% UCL concentration exceeds SSRBC.

[a] EC0*, EC10*, and EC20* are the regression-predicted PCB_A concentrations that would cause an additional 0%, 10%, or 20% effect beyond the lowest response measured in the reference sediments (i.e., 1×, 0.9×, and 0.8× the response at the "bottom" of the reference envelope).

[b] Estimated as adult survival × 13-d ash-free dry weight, assuming adult ash-free dry weight (which was not measured) for each sediment was proportional to the 13-d ash-free dry weight that was measured for the sediment. Therefore, this endpoint has high uncertainty associated with it.

[c] UND: undefined EC0*, because the lowest control-normalized reference-sediment response (88.8%) was greater than the regression-predicted maximum control-normalized response (85.9%).

%: percent

d: day

EC0: the tPCB concentration at which the average reference-sediment response would be predicted to occur, when projected onto the concentration-response curve generated for that endpoint with OU-4 sediments.

PCB: polychlorinated biphenyl

SSRBC: site-specific risk-based concentration

Table 7-14b. Site-Specific Risk-Based Concentrations Exceedances for All Constituents of Potential Concern
Anniston PCB Site, Anniston, Alabama

NOAEL SSRBC Comparisons (percent of samples exceeding SSRBC)								
COPC	**Benthic Invertebrate**	**Mallard**	**Tree Swallow**	**Spotted Sandpiper**	**Pied-Billed Grebe**	**Muskrat**	**Little Brown Bat**	**Raccoon**
Organics								
tPCB (mid-range sensitivity)	See Table 7-14a	43%	100%	88%	43%	47%	100%	59%
tPCB (high sensitivity)	100%	100%	100%	100%	100%	NA	NA	NA
Total TEQ	NA	0%	0%	0%	0%	0%	0%	0%
Metals								
Barium	NC	33%	8%	33%	17%	8%	0%	0%
Chromium	58%	33%	100%	100%	33%	33%	100%	17%
Cobalt	8%	0%	8%	8%	0%	0%	0%	0%
Lead	53%	53%	7%	93%	33%	7%	0%	7%
Manganese	NC	92%	0%	100%	83%	100%	33%	83%
Mercury	67%	8%	25%	42%	17%	0%	8%	0%
Nickel	33%	0%	25%	25%	0%	17%	100%	0%
Vanadium	NC	83%	50%	92%	67%	0%	0%	0%
LOAEL SSRBC Comparisons (percent of samples exceeding SSRBC)								
	Benthic Invertebrate	**Mallard**	**Tree Swallow**	**Spotted Sandpiper**	**Pied-billed Grebe**	**Muskrat**	**Little Brown Bat**	**Raccoon**
Organics								
tPCB (mid-range sensitivity)	See Table 7-14a	18%	75%	57%	18%	22%	88%	31%
tPCB (high sensitivity)	96%	80%	100%	100%	80%	NA	NA	NA
Total TEQ	NC	NC	NC	NC	NC	NC	NC	NC
Metals								
Barium	NC	8%	0%	8%	8%	0%	0%	0%
Chromium	33%	33%	100%	100%	33%	33%	100%	17%
Cobalt	NC	0%	8%	8%	0%	0%	0%	0%
Lead	7%	13%	7%	53%	13%	7%	0%	0%
Manganese	NC	50%	0%	83%	50%	100%	17%	75%
Mercury	8%	0%	8%	17%	0%	0%	0%	0%
Nickel	25%	0%	25%	17%	0%	0%	42%	0%
Vanadium	NC	25%	25%	83%	25%	0%	0%	0%

Notes:

95% UCL concentration exceeds SSRBC.

%: percent
COPC: constituent of potential concern
LOAEL: lowest observed adverse effect level
NOAEL: no observed adverse effect level
NA: not applicable
NA: no criteria available
SSRBC: site-specific risk-based concentration
tPCB: total polychlorinated biphenyl
TEQ: 2,3,7,8-TCDD toxic equivalents

Table 7-15. Avian and Mammalian Site-Specific Risk-Based Concentrations and Percent Sample Exceedances - Laboratory Bioaccumulation Scenario
Anniston PCB Site, Anniston, Alabama

Constituent	Mallard	Spotted Sandpiper	Pied-Billed Grebe	Muskrat	Raccoon
NOAEL Site-Specific Risk-Based Concentrations (mg/kg)					
tPCB (mid-range sensitivity)	2 (67%)	0.2 (100%)	0.5 (100%)	2 (67%)	1 (88%)
tPCB (high sensitivity)	0.2 (100%)	0.02 (100%)	0.05 (100%)	NA	NA
LOAEL Site-Specific Risk-Based Concentrations (mg/kg)					
tPCB (mid-range sensitivity)	5 (43%)	0.7 (94%)	2 (67%)	5 (43%)	3 (57%)
tPCB (high sensitivity)	0.5 (100%)	0.06 (100%)	0.1 (100%)	NA	NA

Notes:
%: percent
LOAEL: lowest observed adverse effect level
mg/kg: milligram per kilogram
NA: not applicable
NOAEL: no observed adverse effect level
tPCB: total polychlorinated biphenyl

Table 7-16a. Polychlorinated Biphenyl Remedial Goal Options[1] for Benthic Invertebrates
Anniston PCB Site, Anniston, Alabama

Basis	*C. dilutus*			*H. azteca*		
	Growth	Reproduction	Survival	Growth	Reproduction	Survival
	Low (or NOAEL-equivalent) RGOs[3] for Benthic Invertebrates					
EC0 surrogate[2]	0.05	0.05	0.05	0.05	0.05	0.05
EC0*	6	2	14	2	1	31
	High (or LOAEL-Equivalent) Toxicity Value-Based RGOs[3] for Benthic Invertebrates					
EC10*	17	7	76	25	3	105
EC20*	28	14	123	58	4	152

Notes:

[1]All values are mg/kg sediment dry weight.

[2]EC0 surrogate values are the mean reference sediment concentration.

The tPCB concentration associated with the mean reference response EC0 could not be calculated.

[3]Low and high toxicity value-based RGOs represent the value for the most sensitive endpoint within each category from site-specific toxicity testing.

EC0: the tPCB concentration at which the average reference-sediment response would be predicted to occur, when projected onto the concentration-response curve generated for that endpoint with OU-4 sediments.

EC0*, EC10*, EC20*: the regression-predicted tPCB concentrations that would cause an additional 0%, 10%, or 20% effect beyond the lowest response measured in the reference sediments (i.e., 1×, 0.9×, and 0.8× the response at the "bottom" of the reference envelope).

LOAEL: lowest observed adverse effect level

mg/kg: milligram per kilogram

NOAEL: no observed adverse effect level

RGO: remedial goal options

tPCB: total polychlorinated biphenyl

Table 7-16b. Remedial Goal Options[1] for Ecological Receptors for OU-1/OU-2 - 100% Site Use
Anniston PCB Site, Anniston, Alabama

Constituent	NOAEL-Based or NOAEL Equivalent RGOs							
	Benthic Invertebrates	**Mallard**	**Tree Swallow**	**Spotted Sandpiper**	**Pied-Billed Grebe**	**Muskrat**	**Little Brown Bat**	**Raccoon**
tPCB (mid-range sensitivity)	see Table 7-16a	5	0.5	1	5	4	0.3	3
tPCB (high sensitivity)	NA	0.4	0.05	0.1	0.4	NA	NA	NA
Barium	NC	160	542	169	214	474	1818.8	1235
Chromium	43	97	19	26	131	109	23.7	229
Cobalt	50	120	72	57	149	142	93.6	370
Lead	36	41	136	22	58	140	528.1	403
Manganese	NC	473	4661	287	563	169	1808.3	549
Mercury	0.2	1	0.3	0.3	0.7	5	1.7	7
Nickel	23	243	32	46	164	77	10.9	110
Vanadium	NC	13	20	6	19	178	333.9	495
	LOAEL-Based or LOAEL Equivalent RGOs							
tPCB (mid-range sensitivity)	see Table 7-16a	14	2	3	14	12	1	8
tPCB (high sensitivity)	NA	1	0.1	0.3	1	NA	NA	NA
Barium	NC	322	1086	340	429	1106	4249	2884
Chromium	111	102	20	27	138	128	28	269
Cobalt	NC	123	74	59	153	193	128	504
Lead	128	82	272	43	117	265	1000	763
Manganese	NC	919	9063	559	1095	214	2282	693
Mercury	1	3	1	0.8	2	9	3	13
Nickel	49	295	39	56	199	154	22	220
Vanadium	NC	26	42	12	38	355	667	988

Notes:

[1]All values are mg/kg sediment dry weight.

%: percent

LOAEL: lowest observed adverse effect level

mg/kg: milligram per kilogram

NA: not applicable

NC: no toxicity criteria available - RGO value could not be developed

NOAEL: no observed adverse effect level

OU: Operable Unit

RGO: remedial goal options

tPCB: total polychlorinated biphenyl

Table 7-16c. Remedial Goal Options[1] for Ecological Receptors for OU-1/OU-2 - 50% Site Use
Anniston PCB Site, Anniston, Alabama

Constituent	NOAEL-Based RGOs						
	Mallard	**Tree Swallow**	**Spotted Sandpiper**	**Pied-Billed Grebe**	**Muskrat**	**Little Brown Bat**	**Raccoon**
tPCB (mid-range sensitivity)	9	1	2	9	8	0.7	6
tPCB (high sensitivity)	0.9	0.1	0.2	0.9	NA	NA	NA
Barium	321	1,083	339	428	947	3,638	2,469
Chromium	194	39	52	262	219	47	458
Cobalt	240	144	115	299	283	187	739
Lead	82	272	43	117	280	1,056	806
Manganese	945	9,323	575	1,127	339	3,617	1,099
Mercury	2	0.5	0.5	1	9	3	13
Nickel	485	64	93	328	154	22	220
Vanadium	26	41	12	38	356	668	990
LOAEL-Based RGOs							
tPCB (mid-range sensitivity)	28	3	6	28	24	2	17
tPCB (high sensitivity)	3	0.3	0.6	3	NA	NA	NA
Barium	643	2,172	679	858	2,212	8,497	5,768
Chromium	204	41	54	276	257	56	538
Cobalt	246	148	118	306	387	255	1,008
Lead	163	543	86	234	530	2,000	1,526
Manganese	1,838	18,125	1,117	2,190	428	4,565	1,387
Mercury	7	2	2	4	19	7	26
Nickel	590	77	112	399	309	43	440
Vanadium	52	83	24	77	710	1,334	1,977

Notes:

[1]All values are mg/kg sediment dry weight and are based on an assumption of 50% Site use by receptors.

%: percent

LOAEL: lowest observed adverse effect level

mg/kg: milligram per kilogram

NA: not applicable

NC: no toxicity criteria available - RGO value could not be developed

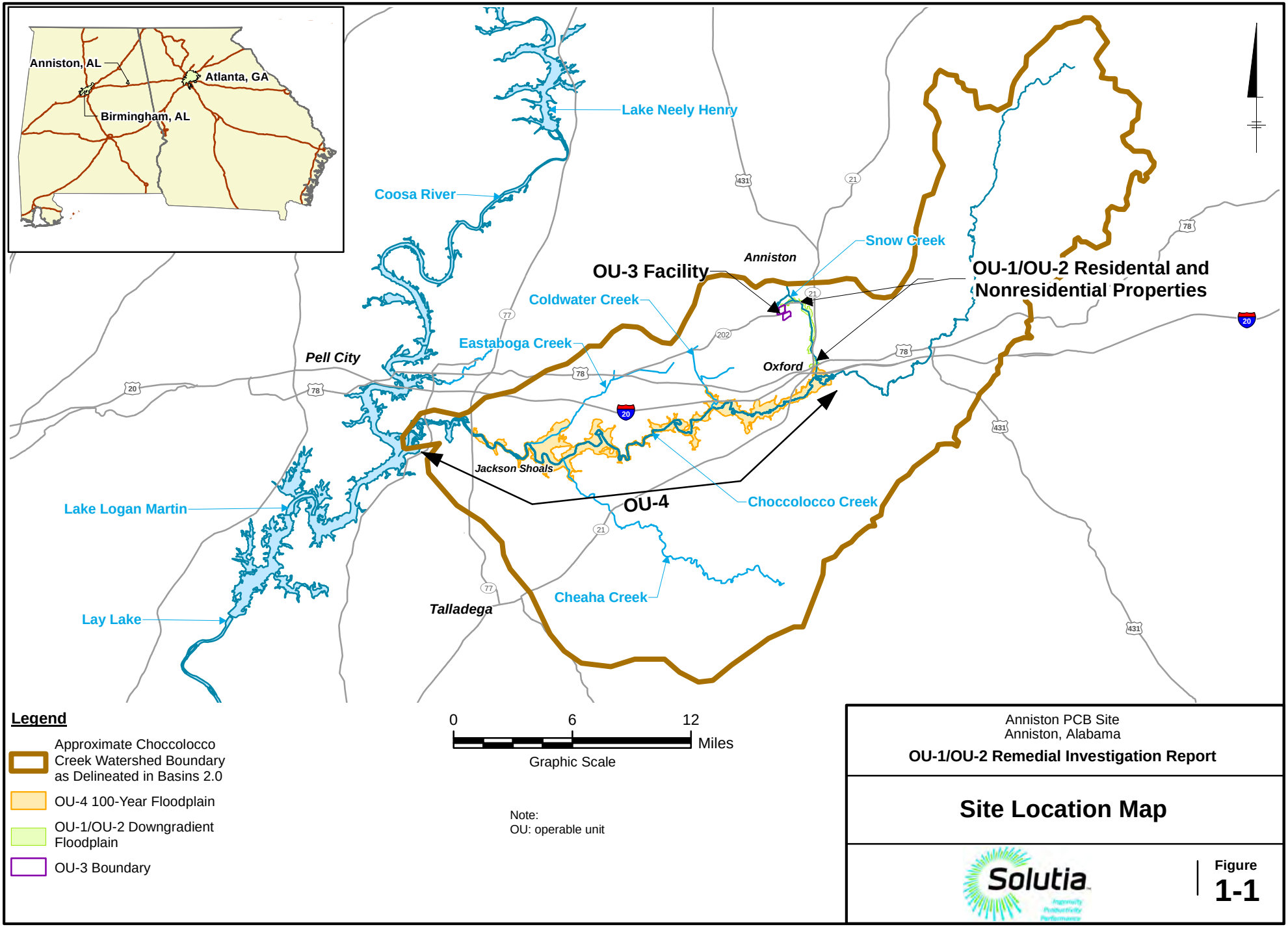
NOAEL: no observed adverse effect level

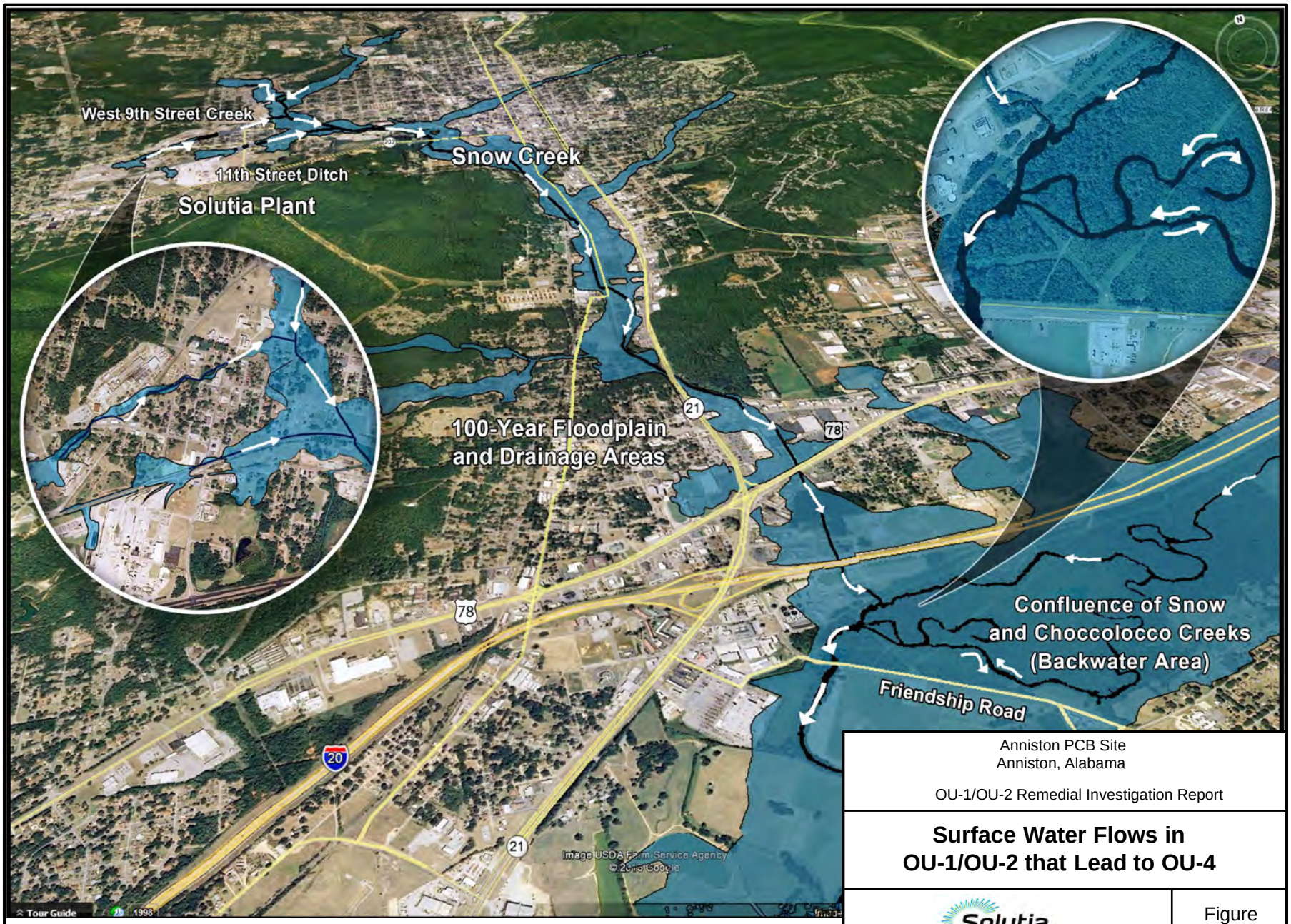
OU: Operable Unit

RGO: remedial goal options

tPCB: total polychlorinated biphenyl

Figures


Anniston, AL
Atlanta, GA
Birmingham, AL
Lake Neely Henry
Coosa River
Snow Creek
Anniston
OU-3 Facility
OU-1/OU-2 Residental and
Nonresidential Properties
Coldwater Creek
Eastaboga Creek
Pell City
Oxford
Jackson Shoals
OU-4
Choccolocco Creek
Lake Logan Martin
Cheaha Creek
Talladega
Lay Lake
Legend
Approximate Choccolocco Creek Watershed Boundary as Delineated in Basins 2.0
OU-4 100-Year Floodplain
OU-1/OU-2 Downgradient Floodplain
OU-3 Boundary
0
6
12
Miles
Graphic Scale
Note:
OU: operable unit
Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report
Site Location Map
Solutia
Figure
1-1



Imagery Source: Google Earth
Imagery Date: 7/31/2011

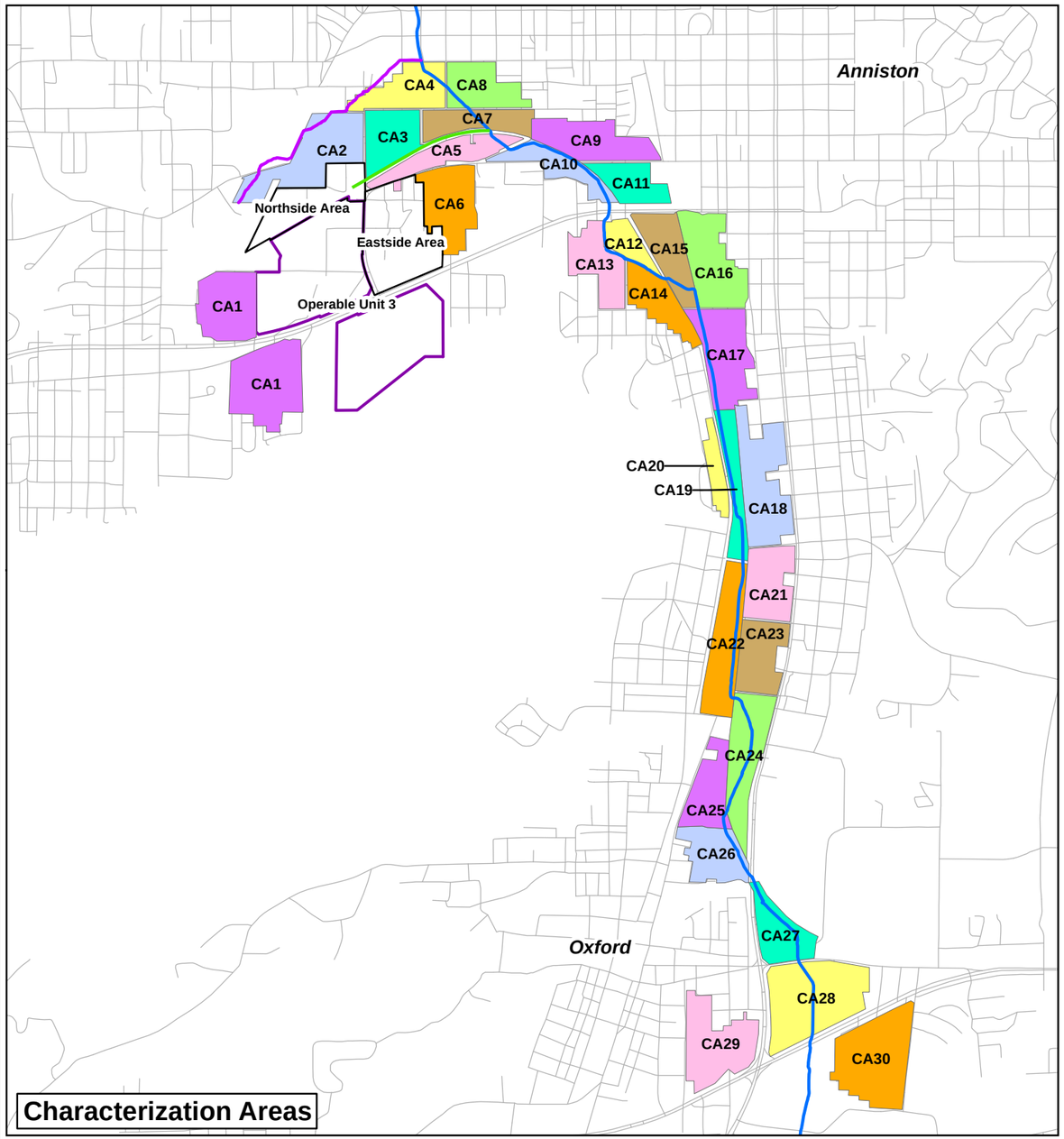
Anniston PCB Site
Anniston, Alabama

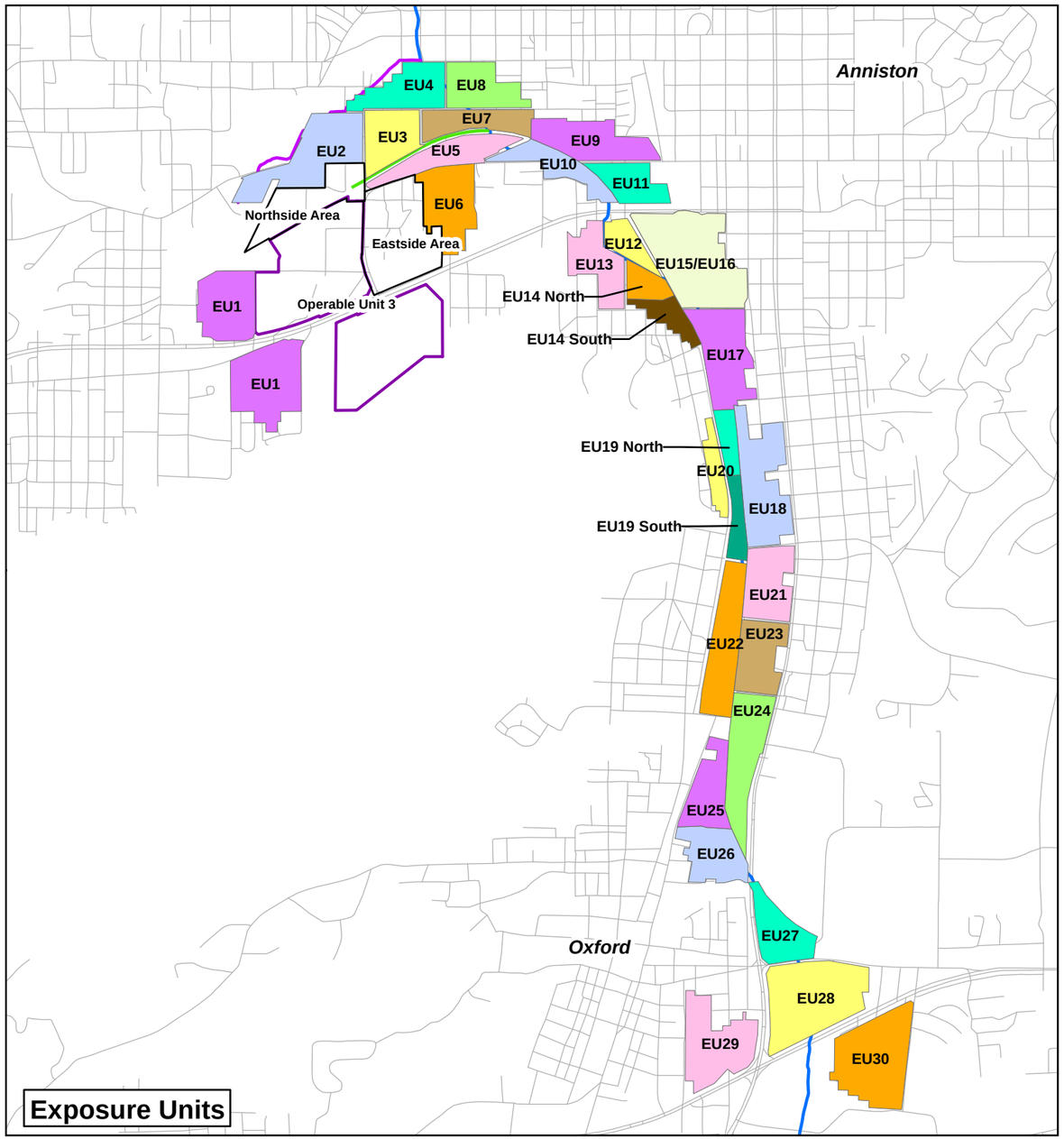
OU-1/OU-2 Remedial Investigation Report

Surface Water Flows in OU-1/OU-2 that Lead to OU-4

Solutia

Figure
1-2





0 2,600 5,200 Feet

Graphic Scale

Note:
CA: characterization area
EU: exposure unit
OU: operable unit

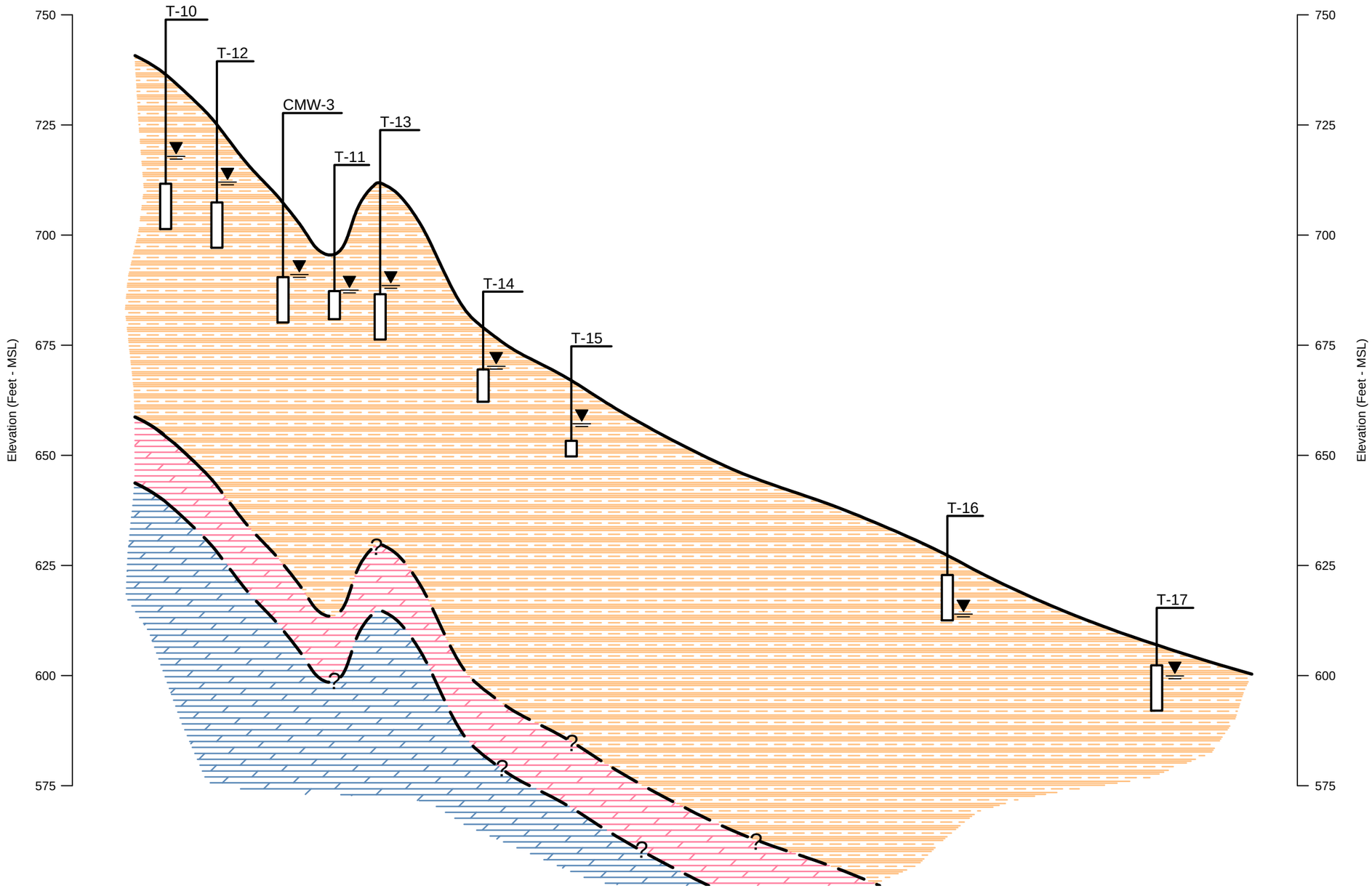
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Characterization Areas and Exposure Units

Solutia

Figure
1-3



Legend

- Interpreted Boundary
- Residual Clayey/Silty Soil
- Weathered Dolostone
- Dolostone
- T-14 — Well Designation
- Water Level
- Screened Interval

Notes

1.) Groundwater elevations measured in August 2010 for T-13, T-14, T-15, October 2011 for T-10, T-11, T-12, CMW-3, and February 2012 for T-16 and T-17.

2.) Shady dolomite depth is estimated from Operable Unit 3 and regional information.

0.5 0 0.5
Horizontal Scale Miles

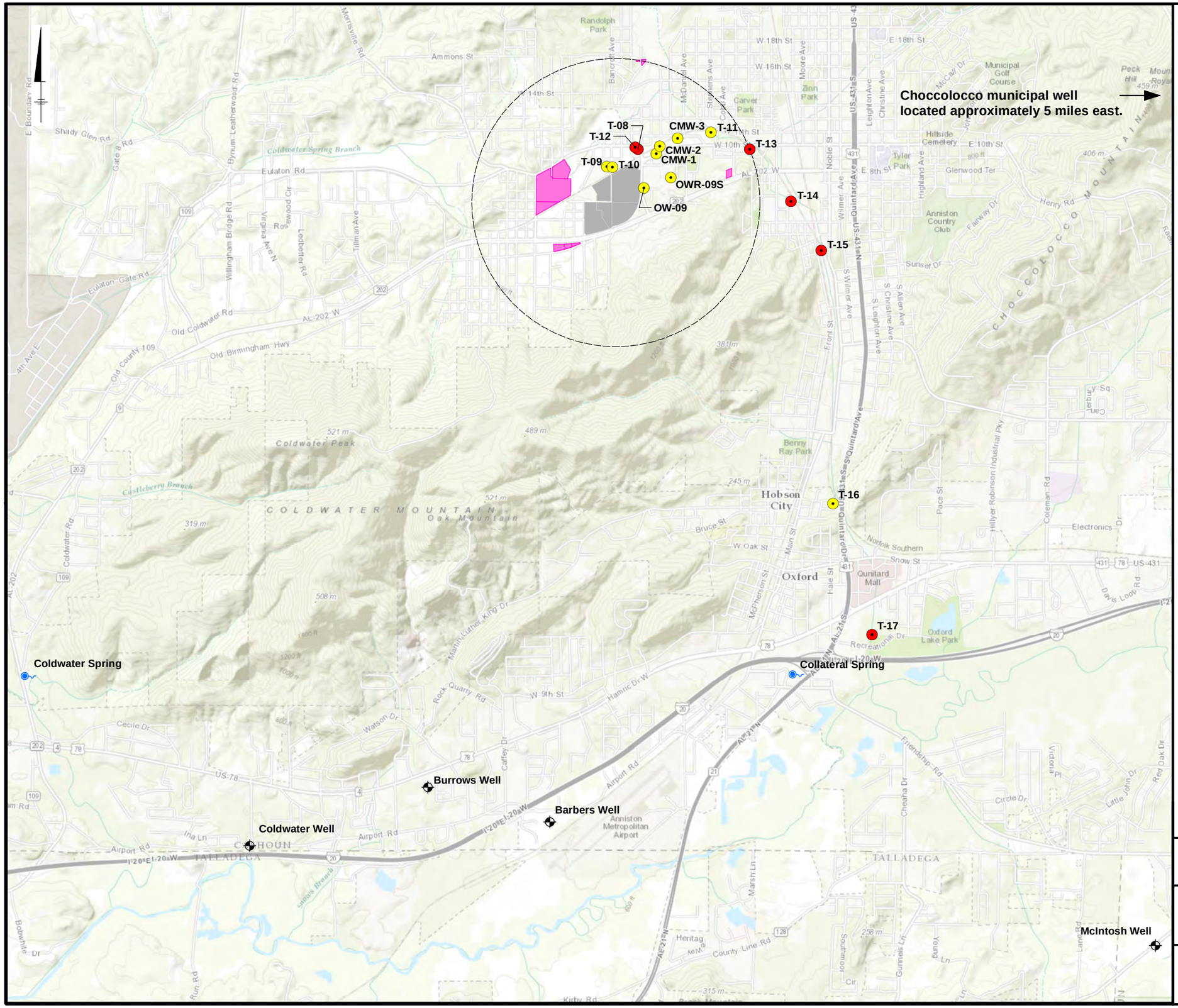
25 0 25
Vertical Scale Feet

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Geologic Cross Section
OU-1/OU-2 / Snow Creek

Solutia

Figure 2-1



Legend

- Abandoned OU-1/OU-2 Monitoring Well
- OU-1/OU-2 Monitoring Well
- Spring
- Municipal Well
- Well Search Area (1-Mile Radius Around Plant Site)
- Plant Site
- Parcel with Potable Well within Well Search

References

1. Monitoring Well Locations - Golder, 2013
2. Spring Locations - USGS National Water Information System
3. Municipal Well Locations - City of Oxford, 2013
4. Basemap - Sources: Esri, DeLorme, HERE, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

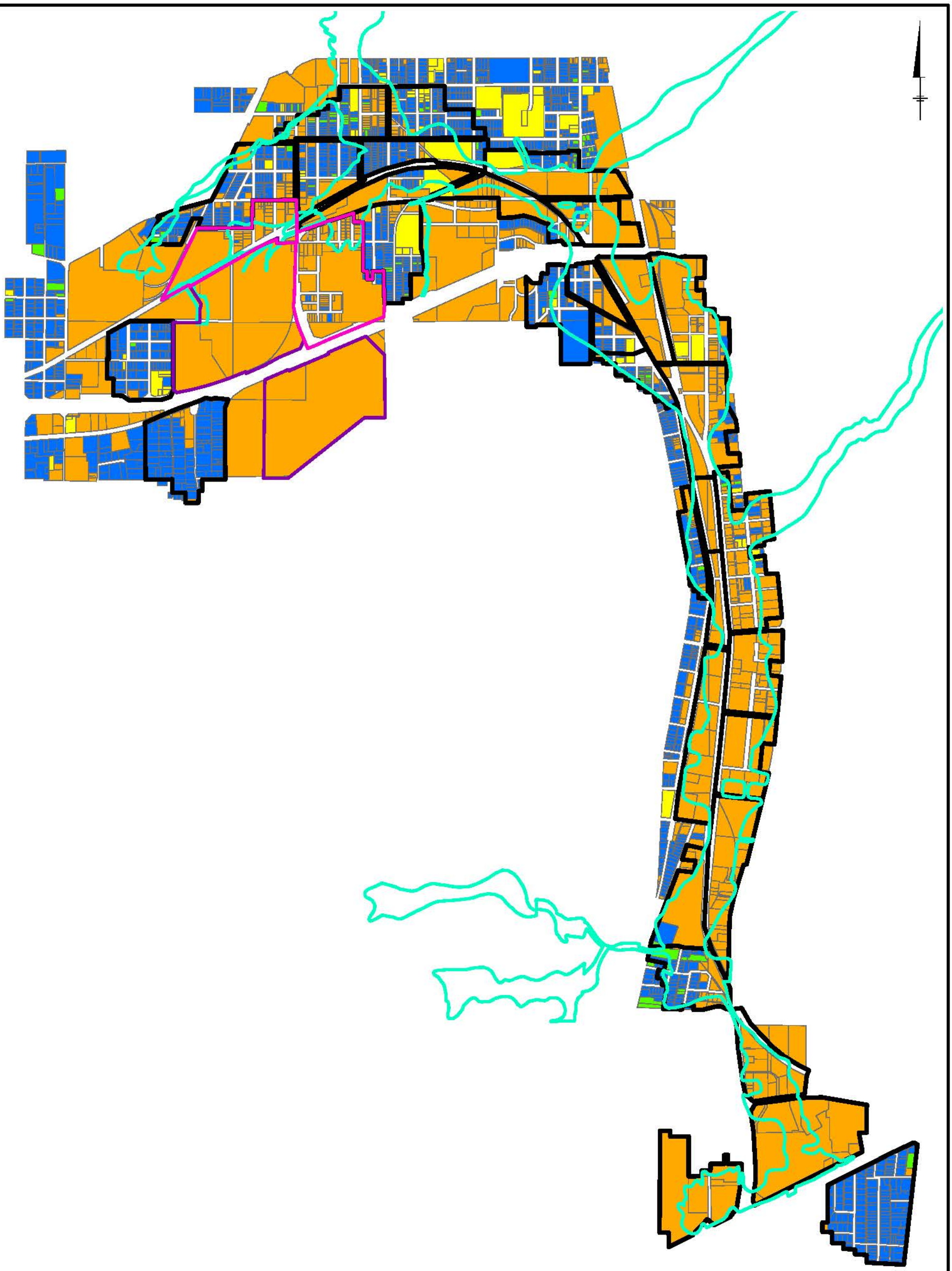
0 3,500 7,000 Feet

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Well Radius, Municipal Well, and Spring Locations

Solutia

Figure 2-2



LEGEND

- Northside and Eastside Boundaries
- Operable Unit 3
- 100-Year Floodplain and Drainage Areas
- Exposure Unit
- Residential
- Residential - Appendix 6
- Nonresidential
- Nonresidential Special Use

Note:
OU: operable unit

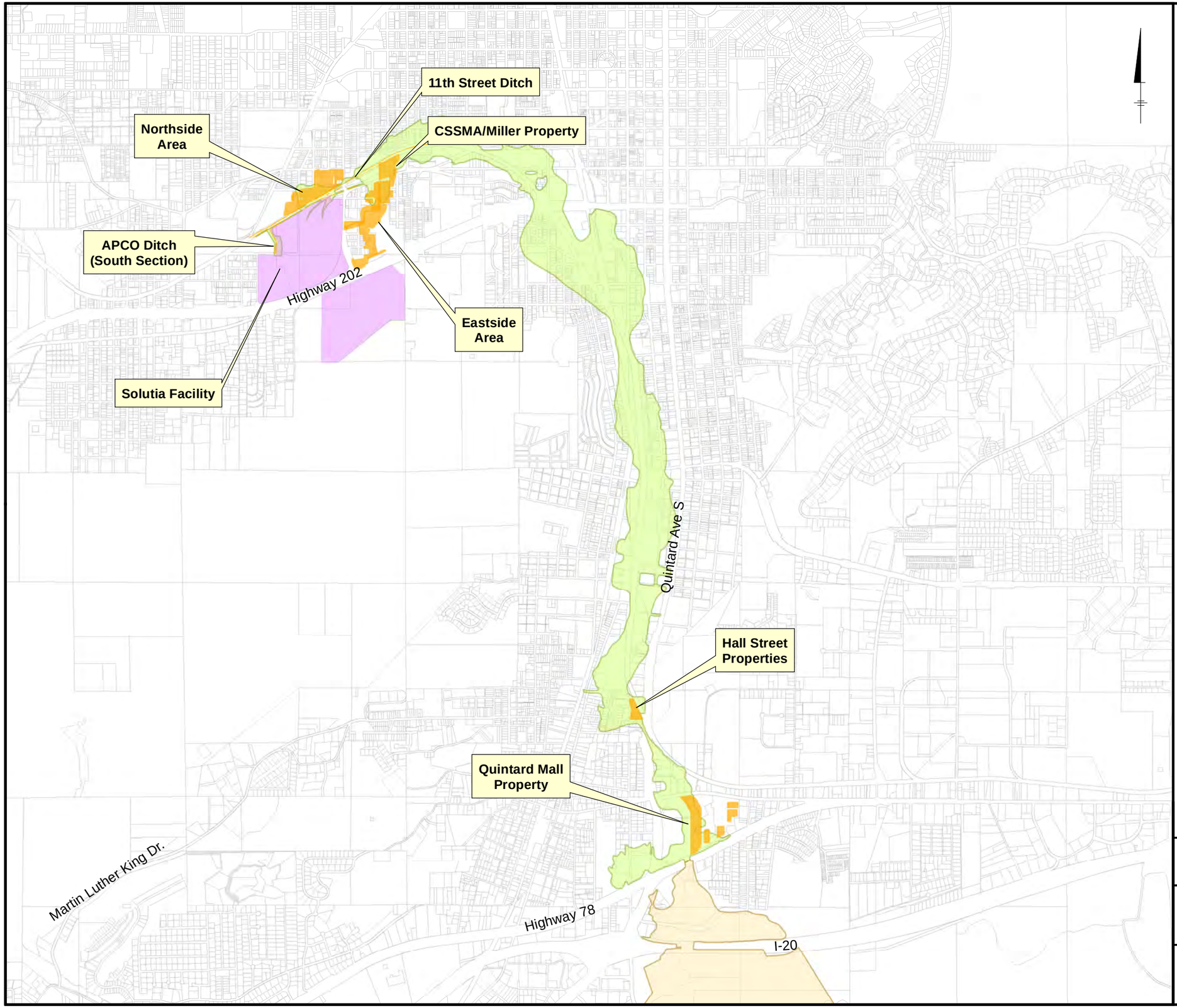
0 1,600 3,200 Feet
Graphic Scale

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Land Use in OU-1/OU-2

Solutia

Figure
2-3



Legend

- OU-3 Boundary
- Interim Measure Locations
- OU-4 100 Year Floodplain
- OU-1/OU-2 Downgradient Floodplain
- Parcels

Notes

1. The OU-3 boundary shown has been modified since issuance of the OU-3 IROD. P/S are currently working with USEPA to formally revise the boundary.

APCO: Alabama Power Company
CSSMA: central staging and soil management area
IROD: Interim Record of Decision
OU: operable unit
P/S: Pharmacia LLC and Solutia Inc.
USEPA: United States Environmental Protection Agency

References

Calhoun County Tax Parcels, 2011.

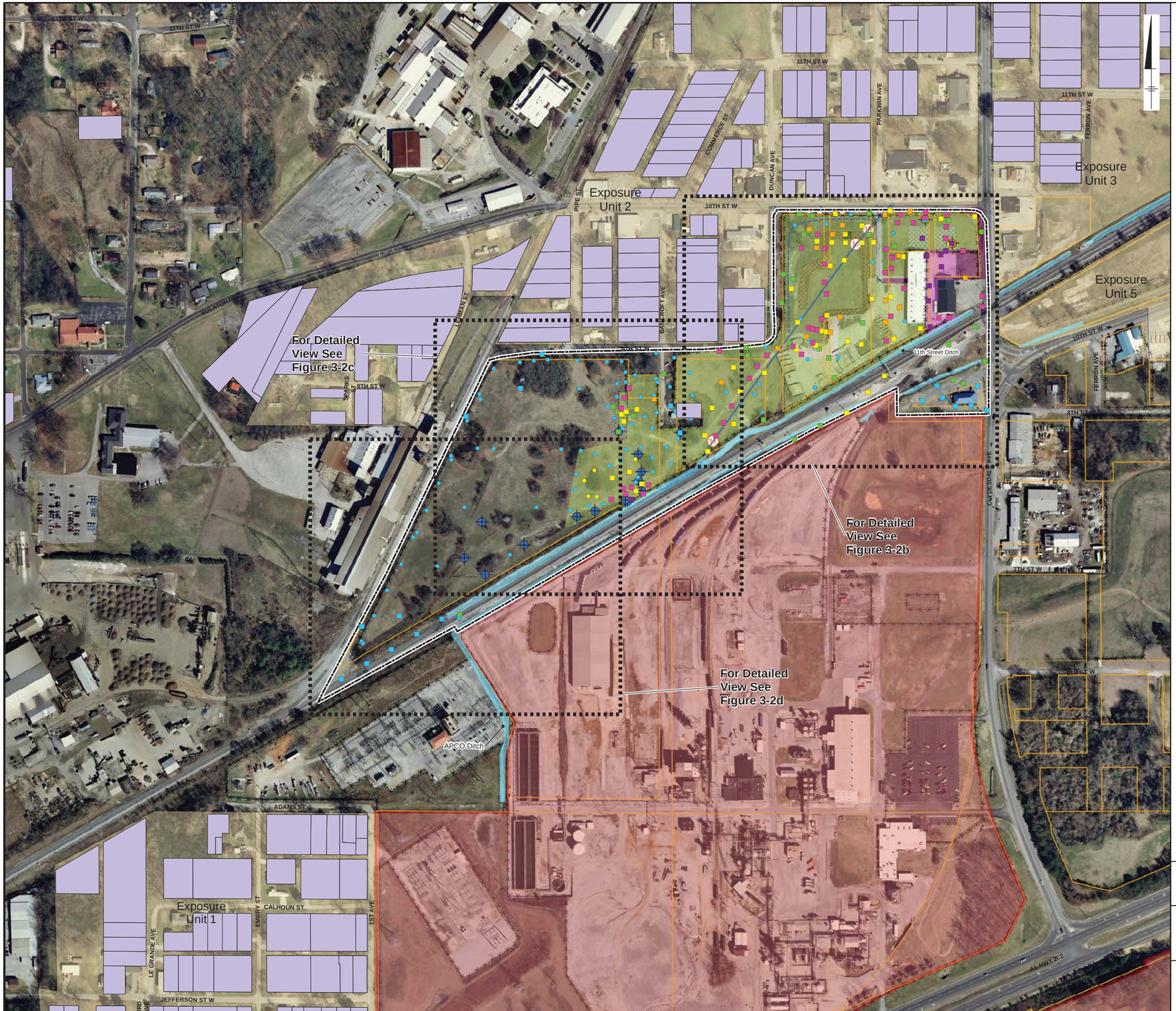
0 1,250 2,500 5,000 Feet

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

OU-1/OU-2 Interim Measures

Solutia

Figure 3-1



Legend

Total PCB Aroclor Concentration in Soil (mg/kg) (See Note 1)

- <1 (Including nondetects)
- ≥1 to <10
- ≥10 to <25
- ≥25 to <50
- ≥50 to <500
- ≥500

Total PCB Screening Result (Immunoassay) (ppm) (See Note 1)

- <1; <2; <5; <10
- >1; >5
- >10; >25
- <50
- >50

- Reference for Figures 3-2b through 3-2d
- OU-1/OU-2 Residential Property
- Northside Area Boundary
- 11th Street/APCO Ditch Cover
- OU-3 Boundary
- OU-1/OU-2 Exposure Units
- Abandoned Groundwater Monitoring Well
- Active Groundwater Monitoring Well
- Solutia-Owned Parcels
- Fence
- Box Culvert
- Drainage Ditch
- 42" Diameter HDPE Pipe
- Emergency Spillway
- Outlet/Manhole Cover
- Perimeter Berm
- Concrete Cover
- Soil Geotextile Cover
- Soil-HDPE Geomembrane Multilayer Cover
- Asphalt and Nonwoven Geotextile Multilayer Cover; Asphalt Cover Repair Area
- Asphalt and HDPE Geomembrane Multilayer Cover

Notes

1. Figure presents analytical and screening PCB data in the northside area. Maximum PCB concentration at any depth in analysis profile shown for each location. Screening data is presented where no analytical data is available. Analytical and screening data are presented on Table 3-3.

2. Where IM cover systems were constructed, the data shown represent conditions below the cover, except for sample PB-ASP-08.

3. Data associated with the 11th Street/APCO Ditch project are shown on separate figures.

4. See Figures 3-2b through 3-2d for reference to sample identification.

APCO: Alabama Power Company
HDPE: high density polyethylene
IM: interim measure
mg/kg: milligrams per kilogram
OU: operable unit
PCB: polychlorinated biphenyl
ppm: parts per million
RD: road
ST: street
W: west

References

1. O'Brien & Gere (1988) Northside and Miscellaneous Properties Closure Design, Rev. 3.
2. Roux Associates (2002) Northside Cover Extension Interim Measures Report.
3. Roux Associates (2004) Northside Cover Extension Interim Measures Report Addendum.
4. Aerial provided by Calhoun County. Date of aerial 2013.

0 50 100 200 Feet

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

**Northside Area (Overall Area)
Interim Measures and
Total PCB Concentrations in Soil**

Solutia
Ingenuity Productivity Performance

Figure 3-2a

Legend

Total PCB Aroclor Concentration in Soil (mg/kg) (See Note 1)

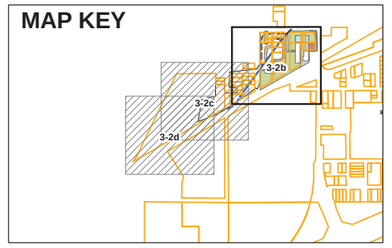
- <1 (Including nondetects)
- ≥1 to <10
- ≥10 to <25
- ≥25 to <50
- ≥50 to <500
- ≥500

Total PCB Screening Result (Immunoassay) (ppm) (See Note 1)

- <1; <2; <5; <10
- <50
- >10; >25
- >1; >5
- >50

- OU-1/OU-2 Residential Property
- Northside Area Boundary
- 11th Street/APCO Ditch Cover
- OU-1/OU-2 Exposure Units
- Abandoned Groundwater Monitoring Wells
- Active Groundwater Monitoring Wells
- Solutia-Owned Parcels
- Fence
- Box Culvert
- Drainage Ditch
- 42" Diameter HDPE Pipe
- Emergency Spillway
- Outlet/Manhole Cover
- Perimeter Berm
- Concrete Cover
- Soil Geotextile Cover
- Soil-HDPE Geomembrane Multilayer Cover
- Asphalt and Nonwoven Geotextile Multilayer Cover; Asphalt Cover Repair Area
- Asphalt and HDPE Geomembrane Multilayer Cover
- OU-3 Boundary

MAP KEY



Notes

1. Figure presents analytical and screening PCB data in the northside area. Maximum PCB concentration at any depth in analysis profile shown for each location. Screening data is presented where no analytical data is available. Analytical and screening data are presented on Table 3-3.

2. Where IM cover systems were constructed, the data shown represent conditions below the cover, except for sample PB-ASP-08.

3. Data associated with the 11th Street/APCO Ditch project are shown on separate figures.

4. Limits of cover in this area (see Figure 3-2c) verified in the field by Golder Associates, Inc (April 2014).

APCO: Alabama Power Company
HDPE: high density polyethylene
IM: interim measure
mg/kg: milligrams per kilogram
OU: operable unit
PCB: polychlorinated biphenyl
ppm: parts per million
ST: street

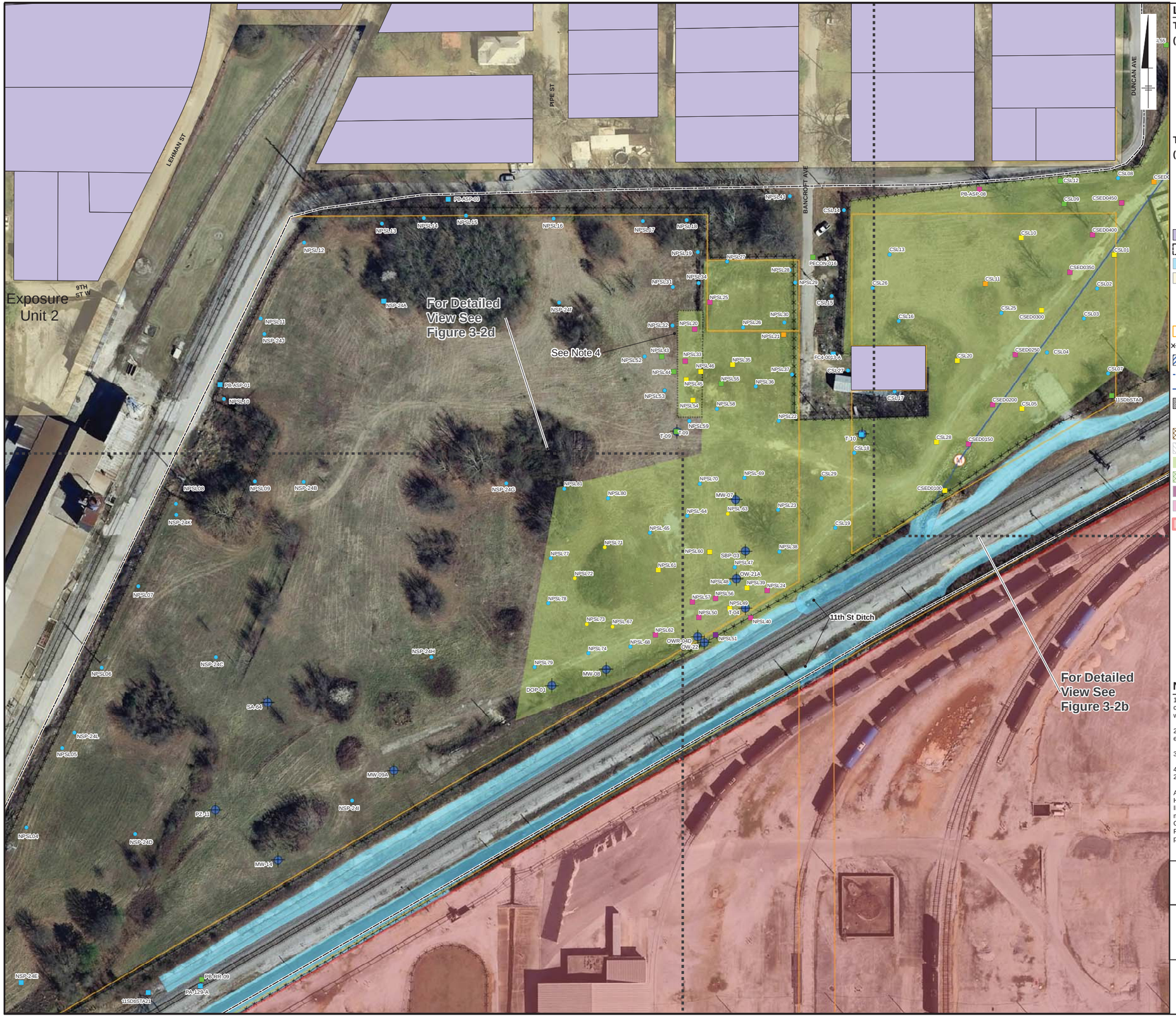
0 25 50 100 Feet

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Northside Area Interim Measures and Total PCB Concentrations in Soil

Solutia

Figure 3-2b



Legend

Total PCB Aroclor Concentration in Soil (mg/kg) (See Note 1)

- <1 (Including nondetects)
- ≥1 to <10
- ≥10 to <25
- ≥25 to <50
- ≥50 to <500
- ≥500

Total PCB Screening Result (Immunoassay) (ppm) (See Note 1)

- <1; <2; <5; <10
- <50
- >10; >25
- >1; >5
- >50
- OU-1/OU-2 Residential Property
- Northside Area Boundary
- 11th Street/APCO Ditch Cover
- OU-1/OU-2 Exposure Units
- Abandoned Groundwater Monitoring Wells
- Active Groundwater Monitoring Wells
- Solutia-Owned Parcels
- Fence
- Box Culvert
- Drainage Ditch
- 42" Diameter HDPE Pipe
- Emergency Spillway
- Outlet/Manhole Cover
- Perimeter Berm
- Concrete Cover
- Soil Geotextile Cover
- Soil-HDPE Geomembrane Multilayer Cover
- Asphalt and Nonwoven Geotextile Multilayer Cover; Asphalt Cover Repair Area
- Asphalt and HDPE Geomembrane Multilayer Cover
- OU-3 Boundary

Notes

1. Figure presents analytical and screening PCB data in the northside area. Maximum PCB concentration at any depth in analysis profile shown for each location. Screening data is presented where no analytical data is available. Analytical and screening data are presented on Table 3-3.

2. Where IM cover systems were constructed, the data shown represent conditions below the cover, except for sample PB-ASP-08.

3. Data associated with the 11th Street/APCO Ditch project are shown on separate figures.

4. Limits of cover in this area (see Figure 3-2c) verified in the field by Golder Associates, Inc (April 2014).

APCO: Alabama Power Company
HDPE: high density polyethylene
IM: interim measure
mg/kg: milligrams per kilogram
OU: operable unit
PCB: polychlorinated biphenyl
ppm: parts per million
ST: street

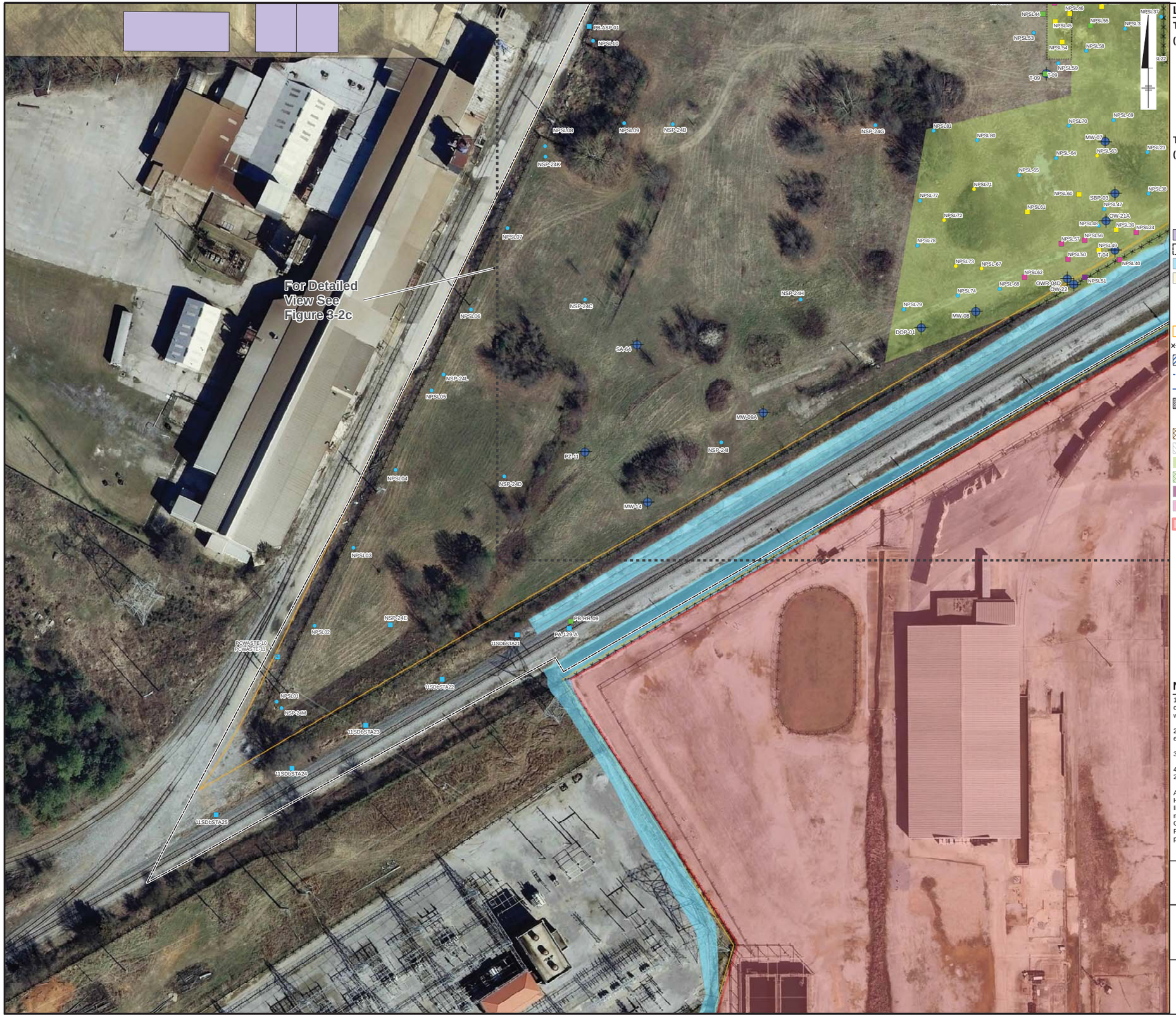
0 25 50 100 Feet

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Northside Area Interim Measures and Total PCB Concentrations in Soil

Solutia
Ingenuity Productivity Performance

Figure 3-2c



Legend

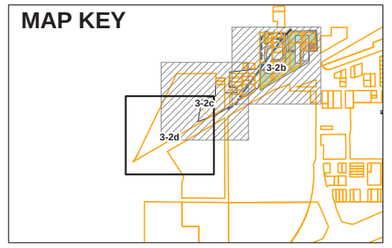
Total PCB Aroclor Concentration in Soil (mg/kg) (See Note 1)

- <1 (Including nondetects)
- ≥1 to <10
- ≥10 to <25
- ≥25 to <50
- ≥50 to <500
- ≥500

Total PCB Screening Result (Immunoassay) (ppm) (See Note 1)

- <1; <2; <5; <10
- <50
- >10; >25
- >1; >5
- >50
- OU-1/OU-2 Residential Property
- Northside Area Boundary
- 11th Street/APCO Ditch Cover
- OU-1/OU-2 Exposure Units
- Abandoned Groundwater Monitoring Wells
- Active Groundwater Monitoring Wells
- Solutia-Owned Parcels
- Fence
- Box Culvert
- Drainage Ditch
- 42" Diameter HDPE Pipe
- Emergency Spillway
- Outlet/Manhole Cover
- Perimeter Berm
- Concrete Cover
- Soil Geotextile Cover
- Soil-HDPE Geomembrane Multilayer Cover
- Asphalt and Nonwoven Geotextile Multilayer Cover; Asphalt Cover Repair Area
- Asphalt and HDPE Geomembrane Multilayer Cover
- OU-3 Boundary

MAP KEY



Notes

1. Figure presents analytical and screening PCB data in the northside area. Maximum PCB concentration at any depth in analysis profile shown for each location. Screening data is presented where no analytical data is available. Analytical and screening data are presented on Table 3-3.

2. Where IM cover systems were constructed, the data shown represent conditions below the cover, except for sample PB-ASP-08.

3. Data associated with the 11th Street/APCO Ditch project are shown on separate figures.

4. Limits of cover in this area (see Figure 3-2c) verified in the field by Golder Associates, Inc (April 2014).

APCO: Alabama Power Company
HDPE: high density polyethylene
IM: interim measure
mg/kg: milligrams per kilogram
OU: operable unit
PCB: polychlorinated biphenyl
ppm: parts per million
ST: street

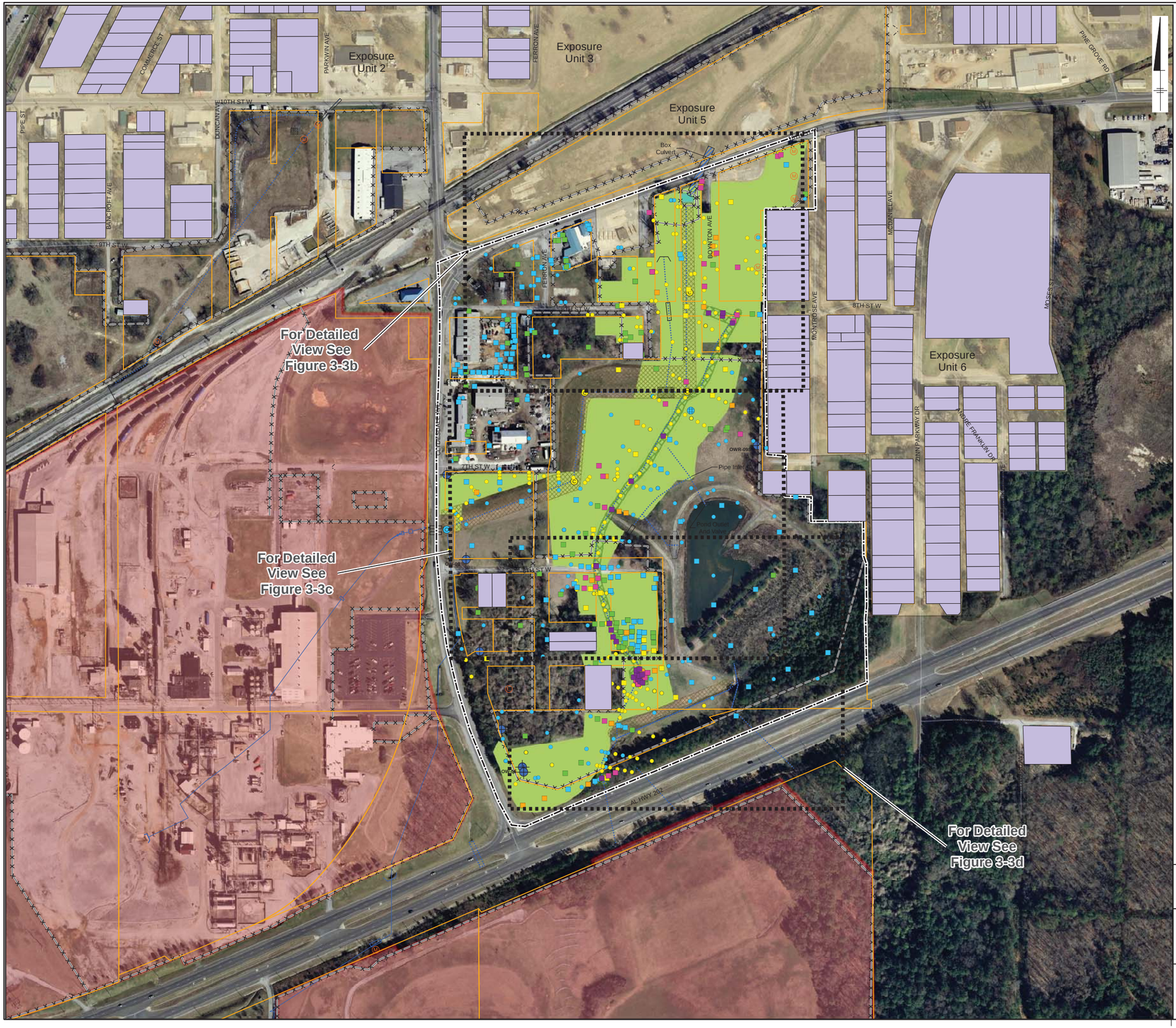
0 25 50 100 Feet

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Northside Area Interim Measures and Total PCB Concentrations in Soil

Solutia
Ingenuity Productivity Performance

Figure 3-2d



Legend

Total PCB Aroclor Concentrations in Soil (mg/kg) (See Note 2)

- <1 (Including nondetects)
- ≥1 to <10
- ≥10 to <25
- ≥25 to <50
- ≥50 to <500
- ≥500

Total PCB Screening Result (Immunoassay) (ppm) (See Note 2)

- <1; <2; <5; <10
- <50
- >10; >25
- >1; >5
- >50

- OU-3 Boundary
- Solutia-Owned Parcels
- Reference for Figures 3-3b through 3-3d
- Eastside Area Boundary
- OU-1/OU-2 Residential Property
- OU-1/OU-2 Exposure Units
- Active Groundwater Monitoring Wells
- Fence
- Box Culverts
- Ditch
- Drainage Basin
- Emergency Spillway
- Soil-Geotextile Cover
- Soil-HDPE Geomembrane Cover (Reference 5, See Note 1)
- Concrete Inlet
- Clean-Out
- Manhole
- Pipe Inlet Area
- Outfall
- Berm
- Stormwater Piping

Notes

1. This includes areas where the HDPE liner is interpreted to be present based on field observations and discussions with parties involved in the IM construction.

2. Figure presents analytical and screening PCB data in the eastside area. Maximum PCB concentration at any depth in analysis profile shown for each location. Screening data is presented where no analytical data is available. Analytical and screening data are presented on Table 3-4.

3. Where IM cover systems were constructed, the data shown represent conditions below the cover, except for samples: PC-023-A, PC-023-B, PC-024-B, 2506-3A, CA-06-2136-03, PA-126-A and PA-126-B.

4. See Figures 3-3b through 3-3d for reference to sample identification.

AL: Alabama
AVE: avenue
DR: drive
HDPE: high density polyethylene
HWY: highway
IM: interim measure
LN: lane
mg/kg: milligrams per kilogram
OU: operable unit
PCB: polychlorinated biphenyl
ppm: parts per million
ST: street

References

1. O'Brien & Gere (1998) Final Design Drawings, Monsanto Company, (Detention, Cap and Cover Project).
2. Genesis Project, Inc. (2002). Ice House Property Cover Material Soil Sampling Event, Anniston, Alabama, February 26, 2002.
3. O'Brien & Gere (1998) Construction Drawings: Northside and Miscellaneous Properties Closure Design.
4. Golder (2013) Completion Report - Post Demolition Supplemental Interim Measure Remedial Action, January 11, 2013.
5. Golder (1997) Interim Measures Work Plan, June 16, 1997.
6. Aerial provided by Calhoun County. Date of aerial 2013.

0 75 150 300 Feet

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Eastside Area (Overall Area) Interim Measures and Total PCB Concentrations in Soil

Solutia Ingenuity Productivity Performance

Figure 3-3a

Legend

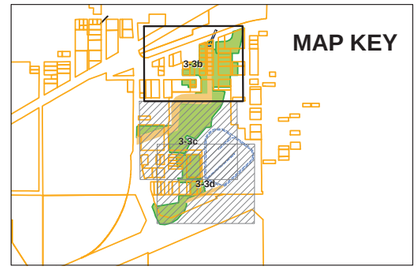
Total PCB Aroclor Concentrations in Soil
(mg/kg) (See Note 2)

- <1 (Including nondetects)
- ≥1 to <10
- ≥10 to <25
- ≥25 to <50
- ≥50 to <500
- ≥500

Total PCB Screening Result (Immunoassay)
(ppm) (See Note 2)

- <1; <2; <5; <10
- <50
- >10; >25
- >1; >5
- >50

- OU-3 Boundary
- Solutia-Owned Parcels
- Eastside Area Boundary
- OU-1/OU-2 Residential Property
- OU-1/OU-2 Exposure Units
- Active Groundwater Monitoring Wells
- Fence
- Box Culverts
- Ditch
- Drainage Basin
- Soil-Geotextile Cover
- Soil-HDPE Geomembrane Liner (See Note 1)
- Emergency Spillway
- Concrete Inlet
- Clean-Out
- Manhole
- Pipe Inlet Area
- Outfall
- Berm
- Stormwater Piping



Notes

1. This includes areas where the HDPE liner is interpreted to be present based on field observations and discussions with parties involved in the IM construction.

2. Figure presents analytical and screening PCB data in the eastside area. Maximum PCB concentration at any depth in analysis profile shown for each location. Screening data is presented where no analytical data is available. Analytical and screening data are presented on Table 3-4.

3. Where IM cover systems were constructed, the data shown represent conditions below the cover, except for samples: PC-023-A, PC-023-B, PC-024-B, 2506-3A, CA-06-2136-03, PA-126-A and PA-126-B.

AL: Alabama
AVE: avenue
DR: drive
HDPE: high density polyethylene
HWY: highway
IM: interim measure
LN: lane
mg/kg: milligrams per kilogram
OU: operable unit
PCB: polychlorinated biphenyl
ppm: parts per million
ST: street

0 25 50 100 Feet

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Eastside Area Interim Measures and Total PCB Concentrations in Soil

Solutia
Ingenuity Productivity Performance

Figure 3-3b

Legend

Total PCB Aroclor Concentrations in Soil (mg/kg) (See Note 2)

- <1 (Including nondetects)
- ≥1 to <10
- ≥10 to <25
- ≥25 to <50
- ≥50 to <500
- ≥500

Total PCB Screening Result (Immunoassay) (ppm) (See Note 2)

- <1; <2; <5; <10
- <50
- >10; >25
- >1; >5
- >50

- OU-3 Boundary
- Solutia-Owned Parcels
- Eastside Area Boundary
- OU-1/OU-2 Residential Property
- OU-1/OU-2 Exposure Units
- Active Groundwater Monitoring Wells
- Fence
- Box Culverts
- Ditch
- Drainage Basin
- Soil-Geotextile Cover
- Soil-HDPE Geomembrane Liner (See Note 1)
- Emergency Spillway
- Concrete Inlet
- Clean-Out
- Manhole
- Pipe Inlet Area
- Outfall
- Berm
- Stormwater Piping

MAP KEY

Notes

1. This includes areas where the HDPE liner is interpreted to be present based on field observations and discussions with parties involved in the IM construction.

2. Figure presents analytical and screening PCB data in the eastside area. Maximum PCB concentration at any depth in analysis profile shown for each location. Screening data is presented where no analytical data is available. Analytical and screening data are presented on Table 3-4.

3. Where IM cover systems were constructed, the data shown represent conditions below the cover, except for samples: PC-023-A, PC-023-B, PC-024-B, 2506-3A, CA-06-2136-03, PA-126-A and PA-126-B.

AL: Alabama
AVE: avenue
DR: drive
HDPE: high density polyethylene
HWY: highway
IM: interim measure
LN: lane
mg/kg: milligrams per kilogram
OU: operable unit
PCB: polychlorinated biphenyl
ppm: parts per million
ST: street

0 25 50 100 Feet

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Eastside Area Interim Measures and Total PCB Concentrations in Soil

Solutia
Ingenuity Productivity Performance

Figure 3-3c

Legend

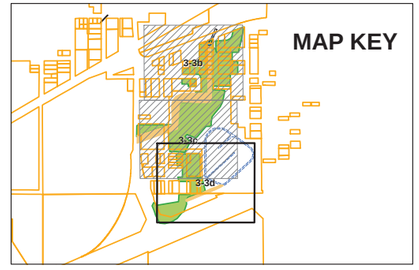
Total PCB Aroclor Concentrations in Soil (mg/kg) (See Note 2)

- <1 (Including nondetects)
- ≥1 to <10
- ≥10 to <25
- ≥25 to <50
- ≥50 to <500
- ≥500

Total PCB Screening Result (Immunoassay) (ppm) (See Note 2)

- <1; <2; <5; <10
- <50
- >10; >25
- >1; >5
- >50

- OU-3 Boundary
- Solutia-Owned Parcels
- Eastside Area Boundary
- OU-1/OU-2 Residential Property
- OU-1/OU-2 Exposure Units
- Active Groundwater Monitoring Wells
- Fence
- Box Culverts
- Ditch
- Drainage Basin
- Soil-Geotextile Cover
- Soil-HDPE Geomembrane Liner (See Note 1)
- Emergency Spillway
- Concrete Inlet
- Clean-Out
- Manhole
- Pipe Inlet Area
- Outfall
- Berm
- Stormwater Piping



Notes

1. This includes areas where the HDPE liner is interpreted to be present based on field observations and discussions with parties involved in the IM construction.

2. Figure presents analytical and screening PCB data in the eastside area. Maximum PCB concentration at any depth in analysis profile shown for each location. Screening data is presented where no analytical data is available. Analytical and screening data are presented on Table 3-4.

3. Where IM cover systems were constructed, the data shown represent conditions below the cover, except for samples: PC-023-A, PC-023-B, PC-024-B, 2506-3A, CA-06-2136-03, PA-126-A and PA-126-B.

AL: Alabama
AVE: avenue
DR: drive
HDPE: high density polyethylene
HWY: highway
IM: interim measure
LN: lane
mg/kg: milligrams per kilogram
OU: operable unit
PCB: polychlorinated biphenyl
ppm: parts per million
ST: street

0 25 50 100 Feet

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Eastside Area Interim Measures and Total PCB Concentrations in Soil

Solutia
Ingenuity Productivity Performance

Figure 3-3d

Legend

Total PCB Aroclor Concentration in Soil (mg/kg) (See Note 2)

- <1 (Including nondetects)
- ≥1 to <10
- ≥10 to <25
- ≥25 to <50
- ≥50 to <500
- ≥500

Total PCB Screening Result (Immunoassay) (ppm) (See Note 2)

- <1; <2; <5; <10
- >1; >5
- >10; >25
- <50
- >50
- Active Groundwater Monitoring Wells
- Drainage Ditch
- OU-1/OU-2 Residential Property
- CSSMA/Miller Property Area Boundary
- Solutia-Owned Parcels
- 11th Street Ditch Cover
- Fence
- Box Culvert
- Closed CSSMA Cells (Reference 3)
- Soil-HDPE Geomembrane Liner (Reference 4)
- 1997 IM Cover Limits (Reference 1) (Note 1)
- OU-1/OU-2 Exposure Units

Notes

1. Cover limits shown are based on final design drawings (Reference 1).

2. Figure presents analytical and screening PCB data in the CSSMA/Miller Property area. Maximum PCB concentration at any depth in analysis profile shown for each location. Screening data is presented where no analytical data is available. Analytical and screening data are presented on Table 3-5.

3. The CSSMA eastern and western cells were constructed as part of the non-time critical residential removal program.

4. Where IM cover systems were constructed, the data shown represent conditions below the cover, except for four samples (CA-05-1782-03, -04, -05 and -06).

5. Data associated with the 11th Street Ditch project are shown on separate figures.

CSSMA: central staging and soil management area
IM: interim measure
mg/kg: milligrams per kilogram
PCB: polychlorinated biphenyl
ppm: parts per million
OU: operable unit

References

1. O'Brien & Gere (1998) final design drawings, Monsanto Company, Detention, Cap and Cover Project.
2. Solutia (2014) Comprehensive Operations and Maintenance Plan for Remedial/Corrective Action Projects, Revision 3.1.
3. Solutia (2006) Report on Central Staging and Soil Management Area (Former Miller Property) Final Closure.
4. Golder (1997) Interim Measures Work Plan.

0 50 100 200 Feet

Anniston PCB Site
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CSSMA/Miller Property Area Interim Measures and Total PCB Concentrations in Soil

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Ingenuity Productivity Performance

Figure 3-4

Hall Street Properties IM PCB Data				
Sample		Minimum Depth (ft)	Maximum Depth (ft)	Total PCB Aroclors (mg/kg)
Sample Area	Sample ID			
Sampling Data from 111 Hall Street (PPIN 67594)				
(see footnote a)	AA-005-A	0	0.25	11.6 C
	6523-24A	1	2	35
A	6523-36A	2	3	10.49 J
	6523-36A-X	2	3	6.82 J
	6523-48A	3	4	1.19
(see footnote a)	AA-005-B	0	0.25	18.1 C
	6523-24B	1	2	22
	6523-36B	2	3	20
B	6523-48B	3	4	16.2
	6523-60B	4	5	2.24 J
C	6523-3C	0	0.25	20.7 J
	6523-24C	1	2	15.9
	6523-36C	2	3	ND
	6523-48C	3	4	0.056
D	6523-3D	0	0.25	33.7
	6523-24D	1	2	3.4 J
E	6523-3E	0	0.25	20.5 J
	6523-24E	1	2	4.36
(see footnote b)	FC2-0083-A	0	0.25	72 J
	FC2-0083-B	0	0.25	14.1 J
	FC2-0083-E	0	0.25	14.9 J
	FC2-0083-F	0	0.25	10.5 J
	FC2-0083-G	0	0.25	19.5 J
Sampling Data from 113 Hall Street (PPIN 67593)				
(see footnote c)	T-16 4-5'	4	5	84
	T-16 5-6'	5	6	11.7 J
	T-16 6-7'	6	7	2.17 J
	T-16 7-8'	7	8	1.95 J
Sampling Data from 114 Hall Street (PPIN 68404)				
(see footnote d)	FC2-0084-A	0	0.25	9.4 J
	FC2-0084-B	0	0.25	13.2 J
	FC2-0084-C	0	0.25	3.6 J
	FC2-0084-D	0	0.25	6.9 J

a. Sample area A and B are based on approximate locations of USEPA composite samples from field sample logs and sublocation points are based on coordinates taken during depth sampling events.

b. These samples represent USEPA samples from May 2000. The same location was provided for samples FC2-0083-B and FC2-0083-E.

c. Samples collected by Golder Associates, Inc., during installation of monitoring well T-16 in January 2012.

d. Sample locations from "Final Cap and Cover," Taylor Corporation, 14 Feb 2005.

Legend

- Parcel Boundary
- T-16 — Temporary Monitoring Well
- Cover Limits (See Reference 2)
- Gravel Road
- Drainage Outlet
- Area A Composite Sample Locations
- Area B Composite Sample Locations
- Area C Composite Sample Locations
- Area D Composite Sample Locations
- Area E Composite Sample Locations
- ≥1 to <10 mg/kg Total PCBs (Aroclor)
- ≥10 to <25 mg/kg Total PCBs (Aroclor)
- >25 to <50 mg/kg Total PCBs (Aroclor)
- ≥50 mg/kg Total PCBs (Aroclor)

Solid square symbols represent grab sample locations or composite sample centroid locations.

Notes

1. IM cover construction occurred between 2004 and 2006. The cover consists of a nominal 12-inch vegetated soil cover that comprises approximately 1.34 acres.
2. Figure presents analytical PCB data for the Hall Street properties. Maximum PCB concentration at any depth in analysis profile shown for each location.
3. Where IM cover systems were constructed, the data shown represents conditions below the cover.

C: confirmed by gas chromatography-mass spectrometry
ft: feet
IM: interim measure
J: estimated value
mg/kg: milligrams per kilogram
OU: operable unit
ND: nondetect
PCBs: polychlorinated biphenyls
PPIN: Parcel Personal Identification Number
USEPA: United States Environmental Protection Agency

0 100 200 Feet

References

1. Aerial and parcel boundaries provided by Calhoun County. Date of aerial 2011.
2. Cover limits digitized from Taylor Land Surveying Inc., "Final Cap and Cover, Exhibit B" drawing, dated 02-14-2005.
3. Composite sample locations provided by Genesis Project Inc., via fax on June 7, 2011.

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Hall Street Properties Interim Measures and Total PCB Concentrations in Soil

Solutia Ingenuity Productivity Performance

Figure 3-5

Quintard Mall Soil Sampling Data

Sample ID	Minimum Depth (inches)	Maximum Depth (inches)	Total PCB Aroclors (mg/kg)
QMBS-1	0	6	2.0
QMBS-2	0	6	1.4
QMBS-3	0	6	1.2
QMBS-4	0	6	0.61
QMBS-5	0	6	0.67

Test method for total PCB Aroclors: USEPA Method 8082

Legend:

- Interim Measure Isolation Covers
- <1, ≥1 - <10: Total PCB Aroclor concentrations in soil (mg/kg) (see Note 1)
- Asphalt
- Concrete
- Crushed Stone
- Geotextile
- Excavated Soil Consolidated Under Covers - <50 mg/kg PCBs
- Clean Fill
- Native Material

Notes:

1. The soils under isolation covers were consolidated from various excavations at the property and contain <50 mg/kg (or ppm) PCBs based on laboratory analytical data and/or field screening.
2. Temporary channel was backfilled with stockpiled soils originally excavated from Snow Creek and temporary channel, then covered with either the foundation for the mall expansion or with asphalt as part of the parking lot.
3. Soil samples shown were prior to installation of the isolation covers.
4. Cap details are drawn not to scale.

OU: operable unit
PCB: polychlorinated biphenyl
ppm: parts per million
mg/kg: milligrams per kilogram

References:

1. Base drawing and sample locations provided by Genesis Project, Inc., June 23, 2003.
2. Roux Associates, Inc., (June 14, 2013), Interim Measures Report.
3. Aerial imagery provided by Calhoun County, 2011.

0 100 200 300 400
Scale Feet

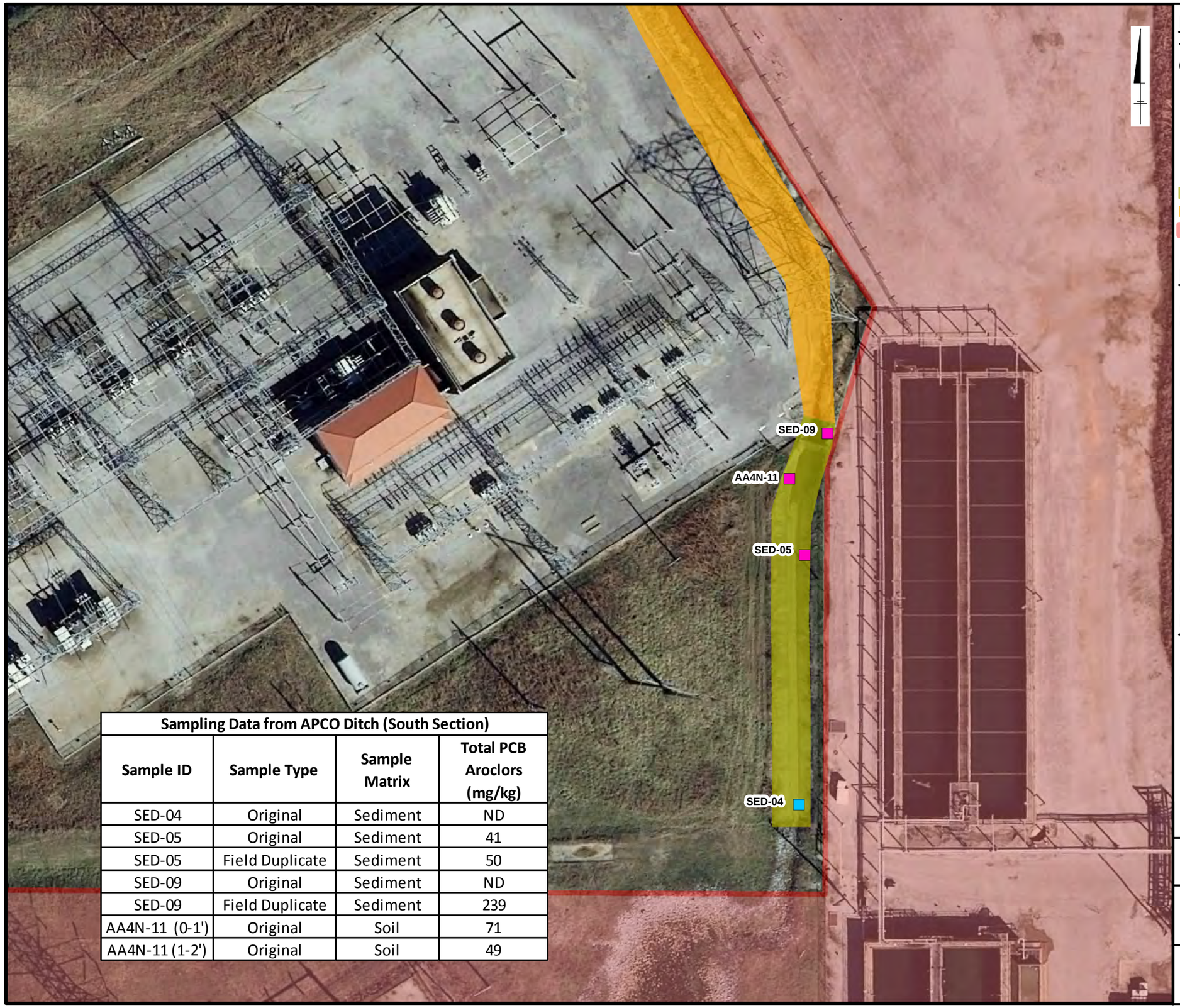
Anniston PCB Site
Anniston, Alabama

OU-1 / OU-2 Remedial Investigation Report

Quintard Mall Interim Measures
Total PCB Concentrations in Soil under Cover

Solutia

Figure
3-6



Sampling Data from APCO Ditch (South Section)			
Sample ID	**Sample Type**	**Sample Matrix**	**Total PCB Aroclors (mg/kg)**
SED-04	Original	Sediment	ND
SED-05	Original	Sediment	41
SED-05	Field Duplicate	Sediment	50
SED-09	Original	Sediment	ND
SED-09	Field Duplicate	Sediment	239
AA4N-11 (0-1')	Original	Soil	71
AA4N-11 (1-2')	Original	Soil	49

Legend

Total PCB Aroclor Concentration in Soil
(mg/kg) (See Note 1)

- <1 (Including nondetects)
- ≥1 to <10
- ≥10 to <25
- ≥25 to <50
- ≥50 to <500
- ≥500
- Concrete Lined APCO Ditch, See Note 3
- 11th Street Ditch IM (See Figure Series 3-8)
- OU-3 Boundary

Notes

1. Figure presents available analytical PCB data in the IM area. Maximum PCB concentration at any depth in analysis profile shown for each location.

2. Where IM cover systems were constructed, the data shown represent conditions below the cover. Data associated with soil samples collected outside of the APCO Ditch (south section) IM cover, including the 11th Street Ditch project are shown on separate figures.

3. APCO Ditch (south section) IM cover was constructed during the adjacent West End Landfill closure construction in 1996.

4. The OU-3 boundary shown has been modified since issuance of the OU-3 IROD. P/S are currently working with USEPA to formally revise the boundary.

APCO: Alabama Power Company
IM: interim measure
IROD: Interim Record of Decision
mg/kg: milligrams per kilogram
ND: nondetect
OU: operable unit
PCB: polychlorinated biphenyl
P/S: Pharmacia LLC and Solutia Inc.
USEPA: United States Environmental Protection Agency

References

1. Aerial provided by Calhoun County, date of aerial 2011.

2. Geraghty & Miller, Inc., Anniston West End Landfill Site Investigation, August 1994.

3. Golder Associates Inc., Detailed Design – West End Landfill – Cover Revisions, Anniston, Alabama Facility, May 1995.

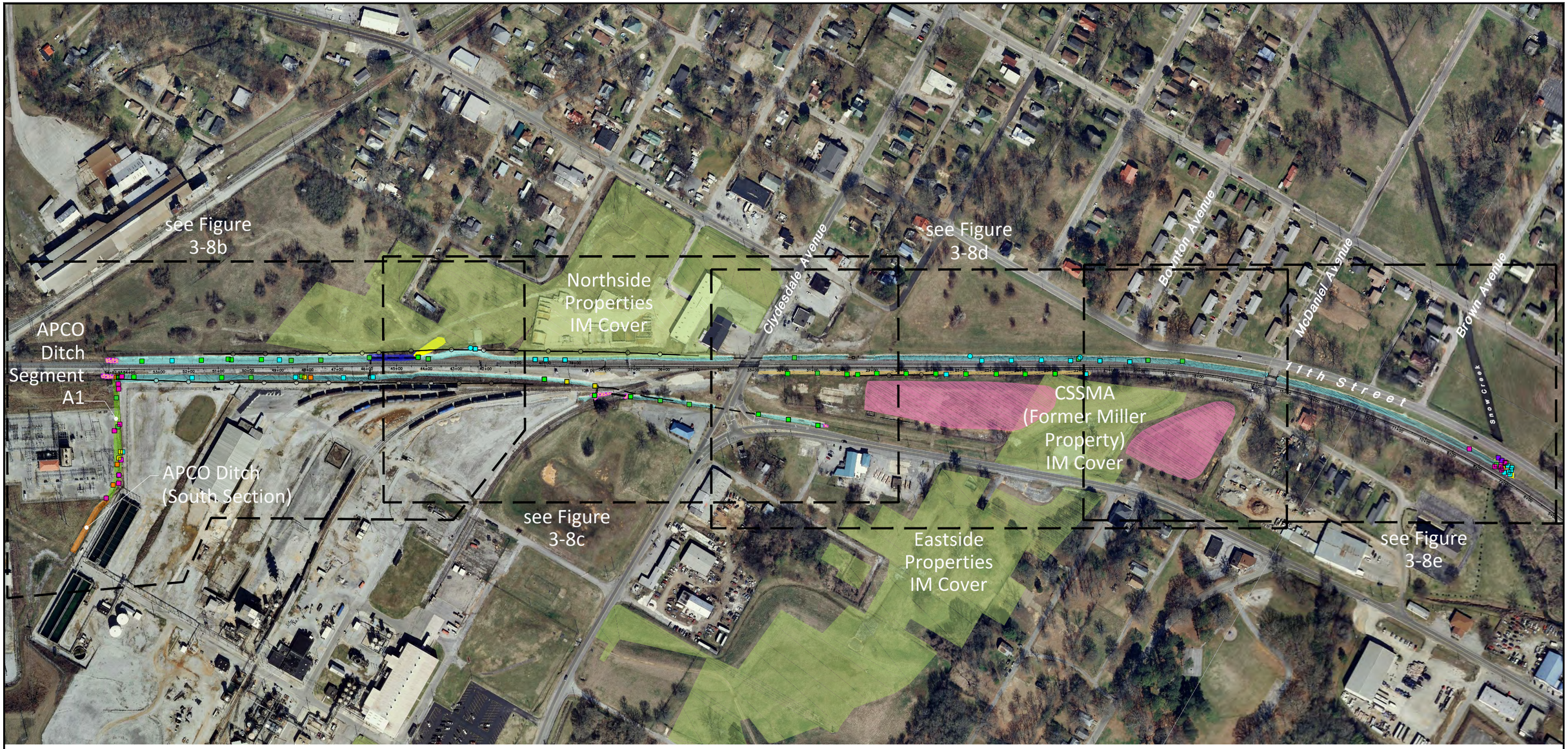
0 50 100 Feet

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

**APCO Ditch (South Section)
Interim Measure and
Total PCB Concentrations in Soil**

Solutia

Figure 3-7



Legend:

- Riprap and Concrete Cover
- Ballast and Geotextile Fabric Cover
- APCO Ditch Concrete Cover (south section)
- Existing Concrete Cover
- Concrete Liner Cover
- OU-1 / OU-2 Interim Measures Isolation Covers
- Closed CSSMA Cells
- Chain Link Fence
- Riprap & Geotextile Cover
- Riprap Cover

- < 1, <5 — Total PCB screening result in soil (Immunoassay) (ppm) (see Note 2)

Total PCB Aroclor concentrations in soil (mg/kg) (see Note 1):
- <1 (Including nondetects)
- ≥1 - <10
- ≥10 - <25
- ≥25 - <50
- ≥50 - <500
- ≥ 500

APCO: Alabama Power Company
IM: interim measure
mg/kg: milligrams per kilogram
OU: operable unit
PCB: polychlorinated biphenyl
ppm: parts per million

Notes:

1. Figure presents analytical and screening PCB data in the 11th Street Ditch project area. Maximum PCB concentration at any depth in the analysis profile is shown for each location. Screening data is presented where no analytical data is available. See Figures 3-8b through 3-8e for reference to sample identification. Analytical data and screening data are presented on Table 3-6.
2. All data represents conditions below the cover limits where constructed.
3. PCB data associated with soil excavated as part of the 11th Street Ditch project are not shown on this figure.
4. The APCO Ditch Segment A1 cover system was constructed as part of the 11th Street Ditch Project.
5. The APCO Ditch (south section) cover system was constructed as part of OU-3 West End Landfill construction work in 1996 (see Figure 3-7).

References:

1. Roux Associates, Inc., (October 13, 1999), Corrective Measures Study 11th Street Ditch.
2. Roux Associates, Inc., (October 11, 2000), 11th Street Ditch Sediment Sampling Report.
3. Roux Associates, Inc., (October 11, 2000), North Railroad Ditch Sediment Sampling Report.
4. Roux Associates, Inc., (July 9, 2001), 11th Street Ditch Sediment Sampling Report.
5. Solutia Inc., (March 25, 2002), 11th Street Ditch Supplemental Sediment Sampling Report.
6. United States Environmental Protection Agency, (January 31, 2001), correspondence to Solutia Inc., comments on the December 27, 2000 11th Street Ditch Removal Action Sampling Plan.
7. Aerial imagery provided by Calhoun County, 2013.

0 150 300 450 600
Scale Feet

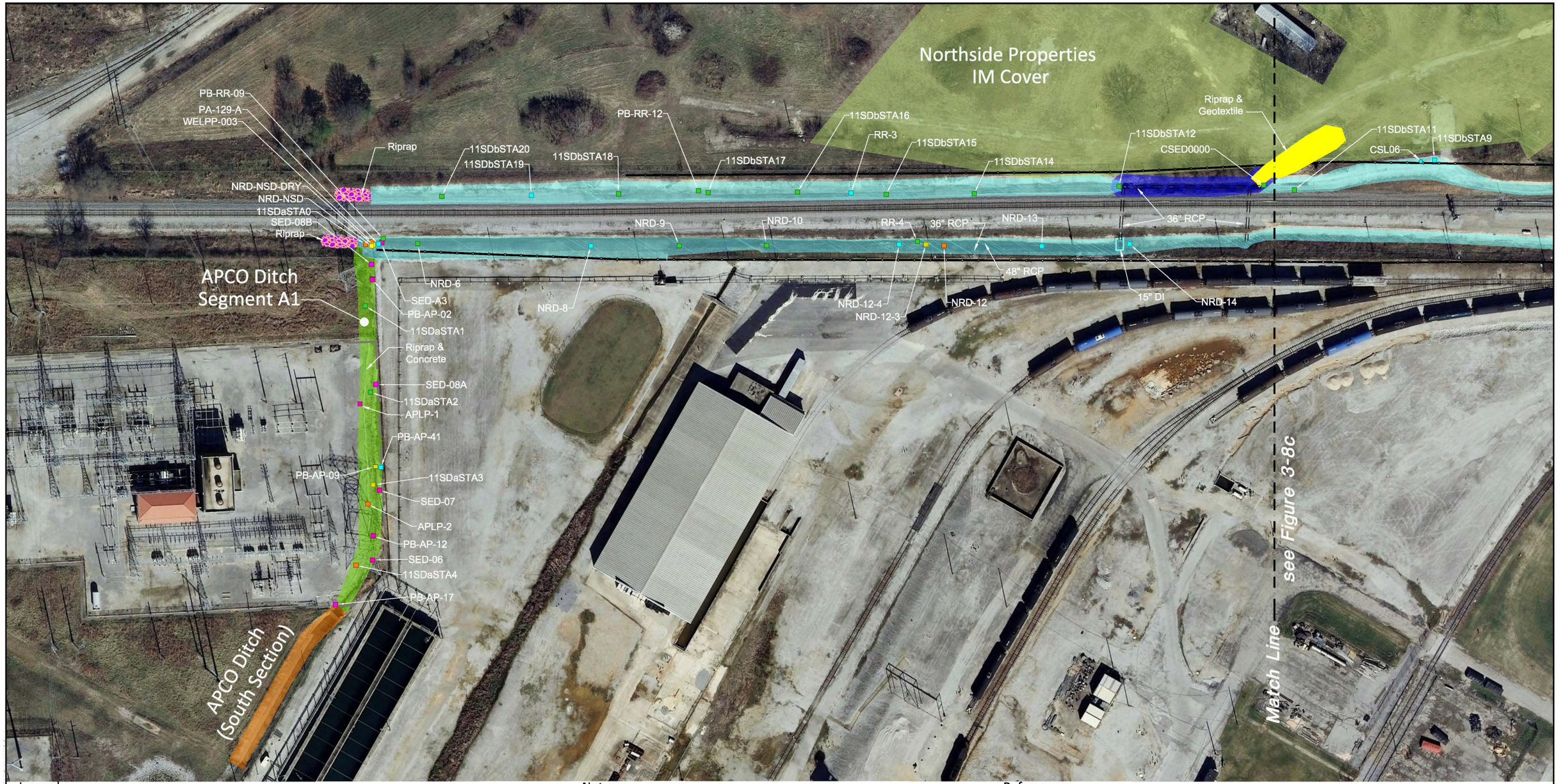
Anniston PCB Site
Anniston, Alabama

OU-1 / OU-2 Remedial Investigation Report

11th Street Ditch
Total PCB Concentrations in Soil under Cover

Solutia

Figure **3-8a**



Legend:

- Riprap and Concrete Cover
- APCO Ditch Concrete Cover (south section)
- Existing Concrete Cover
- Concrete Liner Cover
- OU-1 / OU-2 Interim Measures Isolation Covers
- Chain Link Fence
- 36" RCP
- Riprap & Geotextile Cover
- Riprap Cover

- < 1, <5 — Total PCB screening result in soil (Immunoassay) (ppm) (see Note 2)
- <1 (Including nondetects), ≥1 - <10, ≥10 - <25, ≥25 - <50, ≥ 50 - <500 — Total PCB Aroclor concentrations in soil (mg/kg) (see Note 1)

APCO: Alabama Power Company
DI: ductile iron
IM: interim measure
mg/kg: milligrams per kilogram
OU: operable unit
PCB: polychlorinated biphenyl
ppm: parts per million
RCP: reinforced concrete pipe

Notes:

1. Figure presents analytical and screening PCB data in the 11th Street Ditch project area. Maximum PCB concentration at any depth in the analysis profile is shown for each location. Screening data is presented where no analytical data is available. Analytical data and screening data are presented on Table 3-6.
2. All data represents conditions below the cover limits where constructed.
3. PCB data associated with soil excavated as part of the 11th Street Ditch project are not shown on this figure.
4. The APCO Ditch Segment A1 cover system was constructed as part of the 11th Street Ditch project.
5. The APCO Ditch (south section) cover system was constructed as part of OU-3 West End Landfill construction work in 1996 (see Figure 3-7).

References:

1. Roux Associates, Inc., (October 13, 1999), Corrective Measures Study 11th Street Ditch.
2. Roux Associates, Inc., (October 11, 2000), 11th Street Ditch Sediment Sampling Report.
3. Roux Associates, Inc., (October 11, 2000), North Railroad Ditch Sediment Sampling Report.
4. Roux Associates, Inc., (July 9, 2001), 11th Street Ditch Sediment Sampling Report.
5. Solutia Inc., (March 25, 2002), 11th Street Ditch Supplemental Sediment Sampling Report.
6. United States Environmental Protection Agency, (January 31, 2001), correspondence to Solutia Inc., comments on the December 27, 2000 11th Street Ditch Removal Action Sampling Plan.
7. Aerial imagery provided by Calhoun County, 2013.

0 50 100 150 200
Scale Feet

Anniston PCB Site
Anniston, Alabama

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11th Street Ditch
Total PCB Concentrations in Soil under Cover

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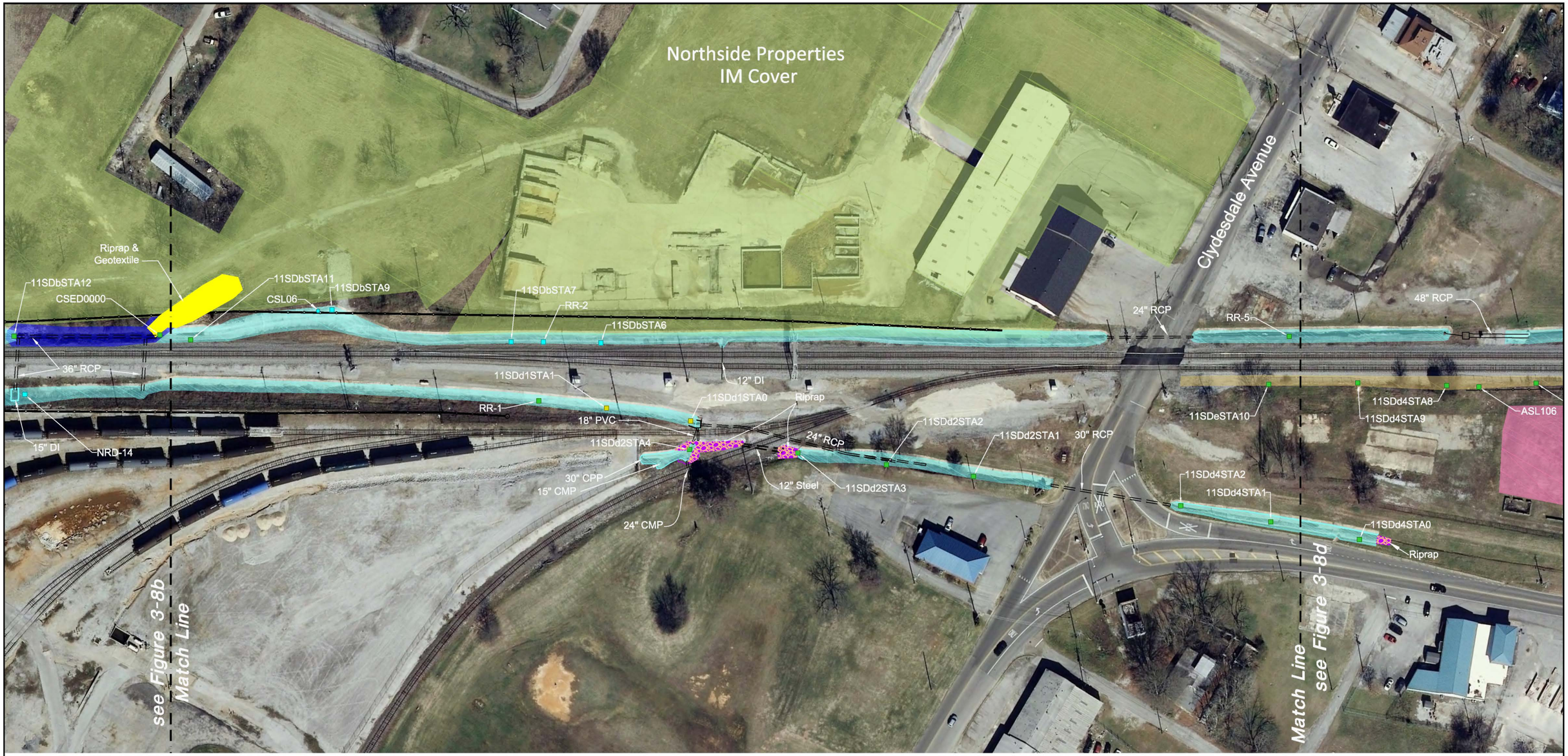
Figure
3-8b



Legend:

- Ballast and Geotextile Fabric Cover
- Concrete Liner Cover
- Existing Concrete Cover
- OU-1 / OU-2 Interim Measures Isolation Covers
- Chain Link Fence
- Riprap & Geotextile Cover
- Riprap Cover

- < 1, <5 — Total PCB screening result in soil (Immunoassay) (ppm) (see Note 2)
- <1 (Including nondetects), ≥1 - <10, ≥10 - <25 — Total PCB Aroclor concentrations in soil (mg/kg) (see Note 1)

CMP: corrugated metal pipe
CPP: corrugated plastic pipe
DI: ductile iron pipe
IM: interim measure
mg/kg: milligrams per kilogram
OU: operable unit
PCB: polychlorinated biphenyl
ppm: parts per million
PVC: polyvinyl chloride
RCP: reinforced concrete pipe

Notes:

1. Figure presents analytical and screening PCB data in the 11th Street Ditch project area. Maximum PCB concentration at any depth in the analysis profile is shown for each location. Screening data is presented where no analytical data is available. Analytical data and screening data are presented on Table 3-6.
2. All data represents conditions below the cover limits where constructed.
3. PCB data associated with soil excavated as part of the 11th Street Ditch project are not shown on this figure.

References:

1. Roux Associates, Inc., (October 13, 1999), Corrective Measures Study 11th Street Ditch.
2. Roux Associates, Inc., (October 11, 2000), 11th Street Ditch Sediment Sampling Report.
3. Roux Associates, Inc., (October 11, 2000), North Railroad Ditch Sediment Sampling Report.
4. Roux Associates, Inc., (July 9, 2001), 11th Street Ditch Sediment Sampling Report.
5. Solutia Inc., (March 25, 2002), 11th Street Ditch Supplemental Sediment Sampling Report.
6. United States Environmental Protection Agency, (January 31, 2001), correspondence to Solutia Inc., comments on the December 27, 2000 11th Street Ditch Removal Action Sampling Plan.
7. Aerial imagery provided by Calhoun County, 2013.

0 50 100 150 200
Scale Feet

Anniston PCB Site
Anniston, Alabama
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11th Street Ditch
Total PCB Concentrations in Soil under Cover

Solutia

Figure **3-8c**

Legend:

- Ballast and Geotextile Fabric Cover
- Concrete Liner Cover
- OU-1 / OU-2 Interim Measures Isolation Covers
- Closed CSSMA Cells
- Chain Link Fence
- Riprap Cover

- < 1, <5 — Total PCB screening result in soil (Immunoassay) (ppm) (see Note 2)
- <1 (Including nondetects), ≥1 - <10 — Total PCB Aroclor concentrations in soil (mg/kg) (see Note 1)

CSSMA: central staging and soil management area
IM: interim measure
mg/kg: milligrams per kilogram
OU: operable unit
PCB: polychlorinated biphenyl
ppm: parts per million
RCP: reinforced concrete pipe

Notes:

1. Figure presents analytical and screening PCB data in the 11th Street Ditch project area. Maximum PCB concentration at any depth in the analysis profile is shown for each location. Screening data is presented where no analytical data is available. Analytical data and screening data are presented on Table 3-6.
2. All data represents conditions below the cover limits where constructed.
3. PCB data associated with soil excavated as part of the 11th Street Ditch project are not shown on this figure.

References:

1. Roux Associates, Inc., (October 13, 1999), Corrective Measures Study 11th Street Ditch.
2. Roux Associates, Inc., (October 11, 2000), 11th Street Ditch Sediment Sampling Report.
3. Roux Associates, Inc., (October 11, 2000), North Railroad Ditch Sediment Sampling Report.
4. Roux Associates, Inc., (July 9, 2001), 11th Street Ditch Sediment Sampling Report.
5. Solutia Inc., (March 25, 2002), 11th Street Ditch Supplemental Sediment Sampling Report.
6. United States Environmental Protection Agency, (January 31, 2001), correspondence to Solutia Inc., comments on the December 27, 2000 11th Street Ditch Removal Action Sampling Plan.
7. Aerial imagery provided by Calhoun County, 2013.

0 50 100 150 200
Scale Feet

Anniston PCB Site
Anniston, Alabama

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11th Street Ditch
Total PCB Concentrations in Soil under Cover

Solutia

Figure **3-8d**

Legend:

- Riprap and Concrete Cover
- Ballast and Geotextile Fabric Cover
- Concrete Liner Cover
- OU-1 / OU-2 Interim Measures Isolation Covers
- Closed CSSMA Cells
- Chain Link Fence
- Riprap & Geotextile Cover
- Riprap Cover

- < 1, <5 — Total PCB screening result in soil (Immunoassay) (ppm) (see Note 2)
- <1 (Including nondetects)
- ≥1 - <10
- ≥10 - <25
- ≥25 - <50
- ≥ 50 - <500
- ≥ 500

Total PCB Aroclor concentrations in soil (mg/kg) (see Note 1)

CSSMA: central staging and soil management area
IM: interim measure
mg/kg: milligrams per kilogram
OU: operable unit
PCB: polychlorinated biphenyl
ppm: parts per million
RCP: reinforced concrete pipe

Notes:

1. Figure presents analytical and screening PCB data in the 11th Street Ditch project area. Maximum PCB concentration at any depth in the analysis profile is shown for each location. Screening data is presented where no analytical data is available. Analytical data and screening data are presented on Table 3-6.
2. All data represents conditions below the cover limits where constructed.
3. PCB data associated with soil excavated as part of the 11th Street Ditch project are not shown on this figure.

References:

1. Roux Associates, Inc., (October 13, 1999), Corrective Measures Study 11th Street Ditch.
2. Roux Associates, Inc., (October 11, 2000), 11th Street Ditch Sediment Sampling Report.
3. Roux Associates, Inc., (October 11, 2000), North Railroad Ditch Sediment Sampling Report.
4. Roux Associates, Inc., (July 9, 2001), 11th Street Ditch Sediment Sampling Report.
5. Solutia Inc., (March 25, 2002), 11th Street Ditch Supplemental Sediment Sampling Report.
6. United States Environmental Protection Agency, (January 31, 2001), correspondence to Solutia Inc., comments on the December 27, 2000 11th Street Ditch Removal Action Sampling Plan.
7. Aerial imagery provided by Calhoun County, 2013.

0 50 100 150 200
Scale Feet

Anniston PCB Site
Anniston, Alabama
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11th Street Ditch
Total PCB Concentrations in Soil under Cover

Solutia

Figure 3-8e

EU10
EU11
8th
SC-2
SC-1
202
202
SC-3
Glenaddie
EU15
Mulberry
7th
8th
Pine
EU12
EU13
SC-4
SC-5
SC-6
EU25
SC-7
SC-8
EU24
EU26

Legend

- Snow Creek
- 100-Year Floodplain and Drainage Areas
- Exposure Unit
- Dredge Spoil Pile In-Place
- Dredge Spoil Pile Removed

Note:
1. Dredge spoil areas SC-3, SC-4, SC-5, and SC-6 were removed in 2009.

0 1,600 3,200 Feet

Graphic Scale

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Dredge Spoils - Snow Creek

Solutia

Figure
3-9

Notes:
1. CSSMA: central staging and soil management area
   EU: exposure unit
   FSP: field sampling plan
   OU: operable unit
   USEPA: United States Environmental Protection Agency

2. Aerial imagery provided by Calhoun and Talladega Counties.

3. OU-1/OU-2 EU Area includes EU1-30, northside properties, and eastside properties.

0 4,400 8,800 Feet

Graphic Scale

Legend

Soil Sample Location
Program Inside OU-1/OU-2 EU Area
- Special Use Sampling
- Residential Sampling
- Northside Properties
- Non-Residential Other
- 9th Street Ditch
- Non-Residential OU-1/OU-2 FSP
- Miller Property
- Eastside Properties
- Miscellaneous Programs
- USEPA Programs
- CSSMA
- 11th Street Ditch

Soil Sample Location
Program Outside OU-1/OU-2 EU Area
- USEPA Programs
- Anniston Lead Site
- Special Use Sampling
- Residential Sampling
- 9th Street Ditch
- Miscellaneous Programs
- 11th Street Ditch
- Snow Creek
- 11th Street Ditch
- West 9th Street Creek
- Northside and Eastside Areas
- Operable Unit 3
- 100-Year Floodplain and Drainage Areas
- Exposure Unit
- Choccoloco Creek
- Zone B Boundary

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Nonresidential Soil Sample Locations

Solutia

Figure
4-1

Notes:
1. EU: exposure unit
   mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyls

2. Aerial imagery provided by Calhoun and Talladega Counties.

3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.

4. OU-1/OU-2 EU Area includes EU1-30, northside properties, and eastside properties.

0 4,400 8,800 Feet

Graphic Scale

Legend

Soil Sample Location
Surface PCB Inside
OU-1/OU-2 EU Area (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500

Soil Sample Location
Surface PCB Outside
OU-1/OU-2 EU Area (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500

- Analytes other than PCB and Lead Analyzed
- Snow Creek
- 11th Street Ditch
- West 9th Street Creek
- Operable Unit 3
- Northside and Eastside Areas
- 100-Year Floodplain and Drainage Areas
- Exposure Unit
- Zone B Boundary
- Choccoloco Creek

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Nonresidential Surface Soil PCB Results

Solutia
Ingenuity Productivity Performance

Figure
4-2

Notes:
1. EU: exposure unit
   mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyls

2. Aerial imagery provided by Calhoun and Talladega Counties.

3. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval

4. OU-1/OU-2 EU Area includes EU1-30, northside properties, and eastside properties.

0 4,400 8,800 Feet

Graphic Scale

Legend

Soil Sample Location
Subsurface PCB Inside
OU-1/OU-2 EU Area (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500

Soil Sample Location
Subsurface PCB Outside
OU-1/OU-2 EU Area (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Snow Creek

- 11th Street Ditch
- West 9th Street Creek
- Operable Unit 3
- 100-Year Floodplain and Drainage Areas
- Exposure Unit
- Zone B Boundary
- Choccoloco Creek
- Northside and Eastside Areas

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Nonresidential Subsurface Soil PCB Results

Solutia
Ingenuity Productivity Performance

Figure
4-3

Legend

Sediment Sample Location Program
- 9th Street Ditch
- Anniston Lead Site
- EPA Programs
- Miscellaneous Programs
- Non-Residential OU-1/OU-2 FSP
- RFI Sediment

- Snow Creek
- 11th Street Ditch
- West 9th Street Creek
- Operable Unit 3
- 100-Year Floodplain and Drainage Areas
- Exposure Unit

Notes:
1. EPA = Environmental Protection Agency
   FSP = field sampling plan
   OU = operable unit
   RFI = RCRA Facility Investigation
   RCRA = Resource Conservation and Recovery Act
2. Aerial imagery provided by Calhoun County.

0 1,600 3,200 Feet

Graphic Scale

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Sediment Sample Locations

Solutia

Figure
4-4

Legend

Surface Water Sample Location

Program

- RCRA
- RI/FS

- Snow Creek
- 11th Street Ditch
- West 9th Street Creek
- Operable Unit 3
- Northside and Eastside Areas
- 100-Year Floodplain and Drainage Areas
- Exposure Unit

0 1,600 3,200 Feet

Graphic Scale

Notes:
1. OU: operable unit
   RCRA: Resource Conservation and Recovery Act
   RI/FS: Remedial Investigation / Feasibility Study

2. Aerial imagery provided by Calhoun County.

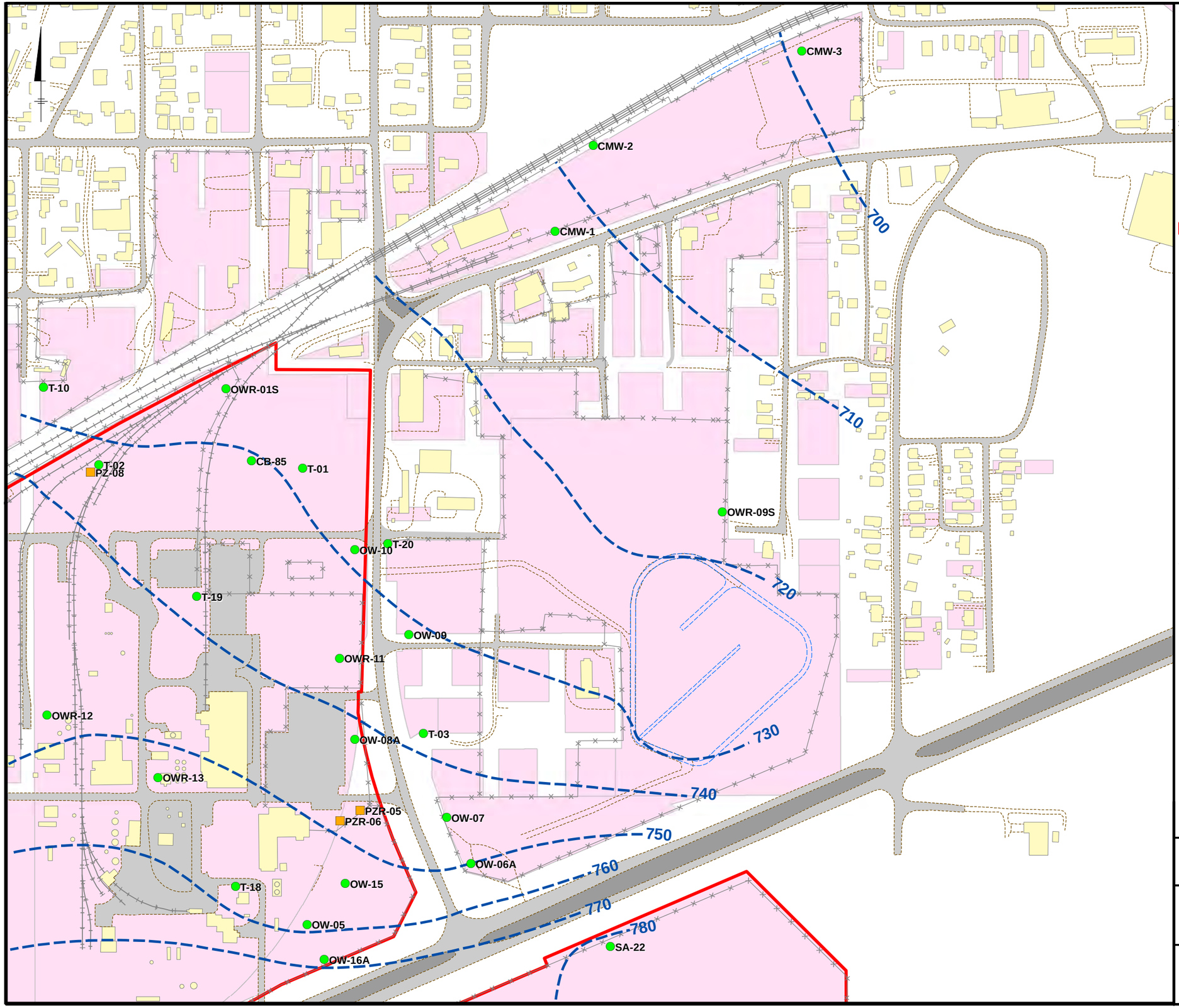
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Water Sample Locations

Solutia

Figure
4-5



Legend

- Shallow Residuum Monitoring/Observation Well
- Equipotential Contour (Feet Above Mean Sea Level)
- Piezometer
- Fence
- Railroad
- Drainage Basin
- Road
- Building Footprint
- OU-3 Boundary
- Road Median
- Paved Area
- Survey Prop Line 04-2013
- Solutia Inc. Property

Notes

1. T-01 not used for contouring. Elevation is inconsistent with elevations of adjacent monitoring wells.

References

1. Monitoring Well Locations - Golder, 2014

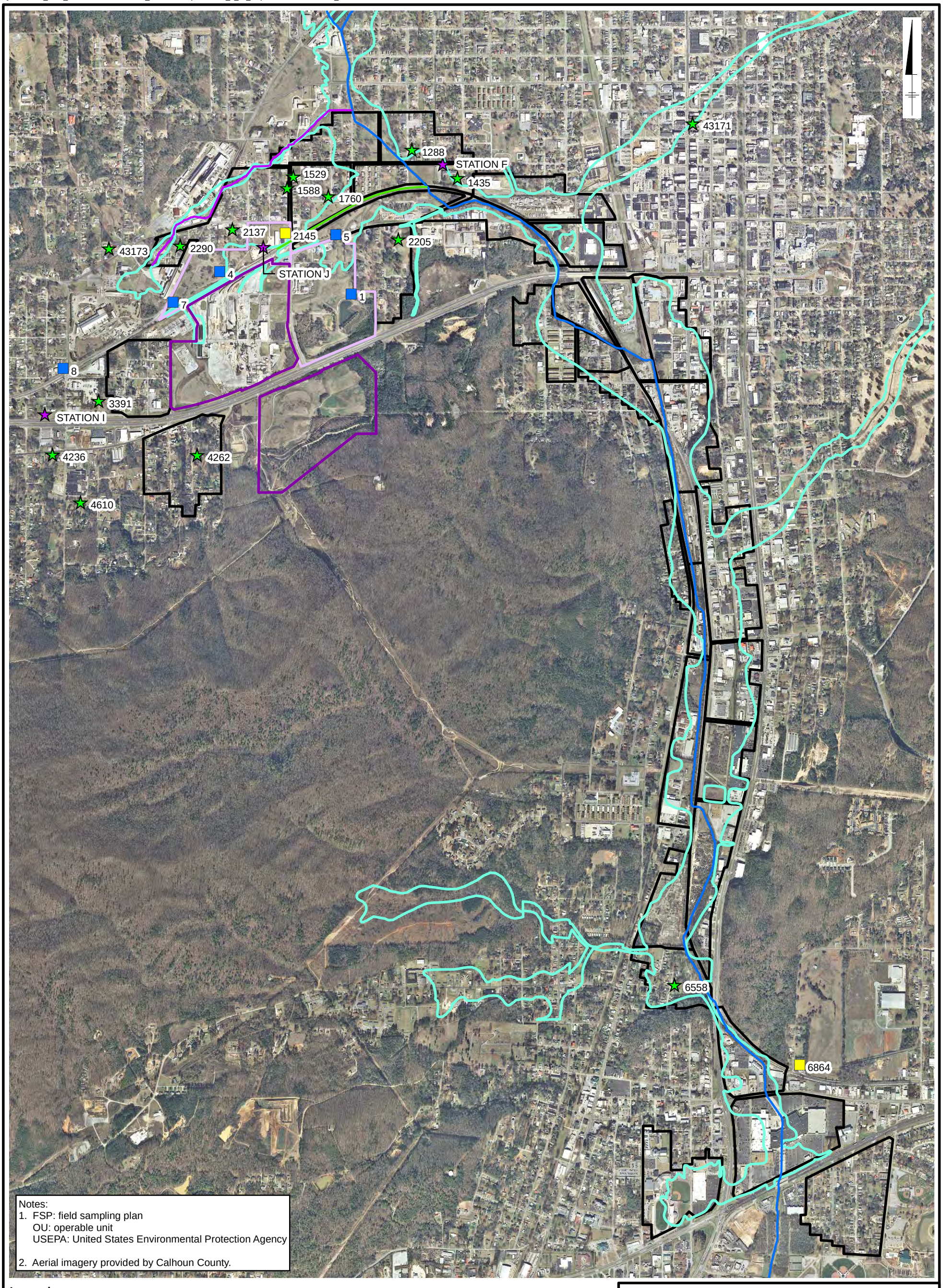
0 300 600 Feet

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Eastside Area
Potentiometric Surface Map
(April 2014 Data)

Solutia

Figure 4-6



Legend

- USEPA 2012 Air Study Location
- USEPA 2000 Air Monitoring Location
- 2003/2004 ENSR Air Monitoring Location (for P/S)
- 2006 Nonresidential FSP Air Sampling Location (FOR P/S)
- Snow Creek
- 11th Street Ditch
- West 9th Street Creek
- Operable Unit 3
- Northside and Eastside Areas
- 100-Year Floodplain and Drainage Areas
- Exposure Unit

0 1,600 3,200 Feet

Graphic Scale

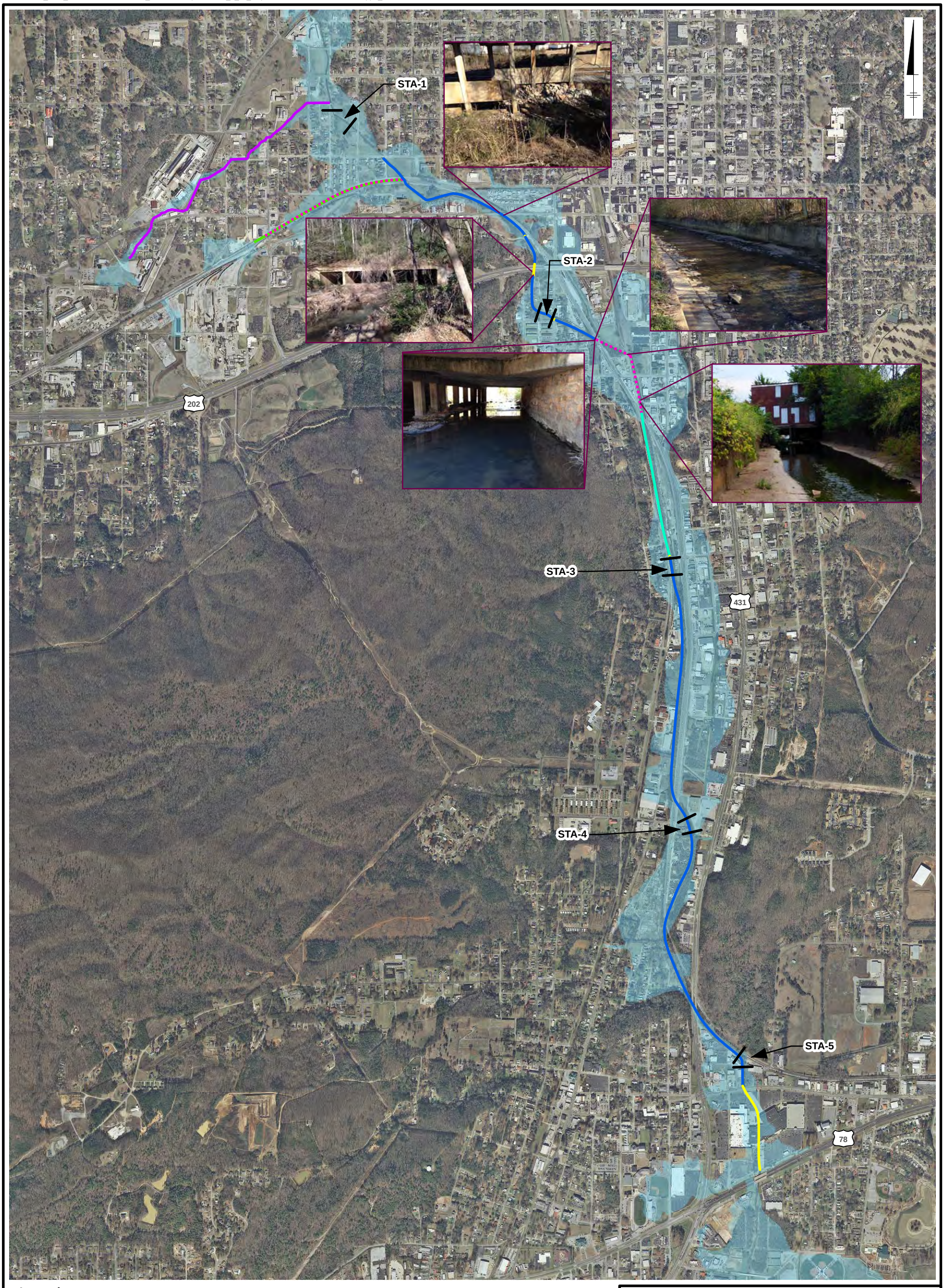
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Air Monitoring Locations

Solutia

Figure
4-7



Legend

- Snow Creek Biological Survey Station Boundary
- Approximate Extent of Lined Channel
- Culvert
- Natural
- Natural Bottom East Wall Concrete
- 11th Street Ditch
- West 9th Street Creek
- OU-1/OU-2 100-Year Flooplain
- **STA-5** Biological Sampling Station Locations

Notes:
1. mg/kg: milligrams per kilogram
   OU: operable unit
   PCB: polychlorinated biphenyl

2. Aerial imagery provided by Calhoun County.

0 1,600 3,200 Feet

Graphic Scale

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Snow Creek Channel Type

Solutia

Figure
4-8

Notes:
1. EU: exposure unit
   mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyls

2. Aerial imagery provided by Calhoun and Talladega Counties.

3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.

4. OU-1/OU-2 EU Area includes EU1-30, northside properties, and eastside properties.

0 4,400 8,800 Feet

Graphic Scale

Legend

- Analytes other than PCB and Lead Analyzed

Soil Sample Location
Surface PCB Inside OU-1/OU-2 EU Area (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500

Soil Sample Location
Surface PCB Outside OU-1/OU-2 EU Area (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500

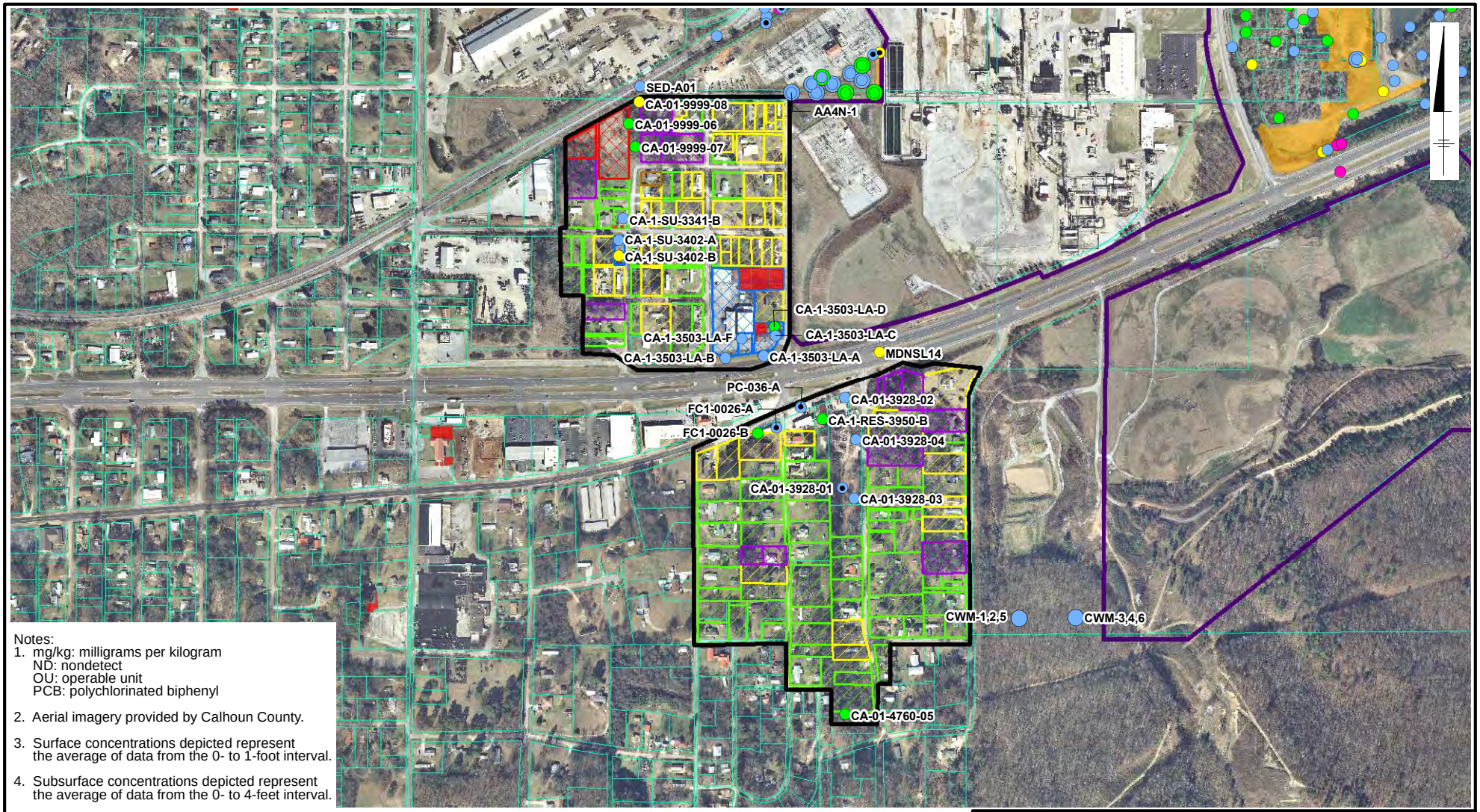
- Snow Creek
- 11th Street Ditch
- West 9th Street Creek
- Northside and Eastside Areas
- Zone B Boundary
- Operable Unit 3
- 100-Year Floodplain and Drainage Areas
- Choccoloco Creek
- Exposure Unit

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Nonresidential Surface Soil PCB Results Inside and Outside of OU-1/OU-2

Solutia
Ingenuity Productivity Performance

Figure
5-1



Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6
- Special Use > 1 (mg/kg)
- Residential > 1 (mg/kg) (Removal Pending)
- Residential > 1 (mg/kg) (Unsuitable for Removal)

- High Activity Area
- Exposure Unit
- Operable Unit 3
- Interim Measure and Other Remedial Actions
- All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

0 700 1,400 Feet
Graphic Scale

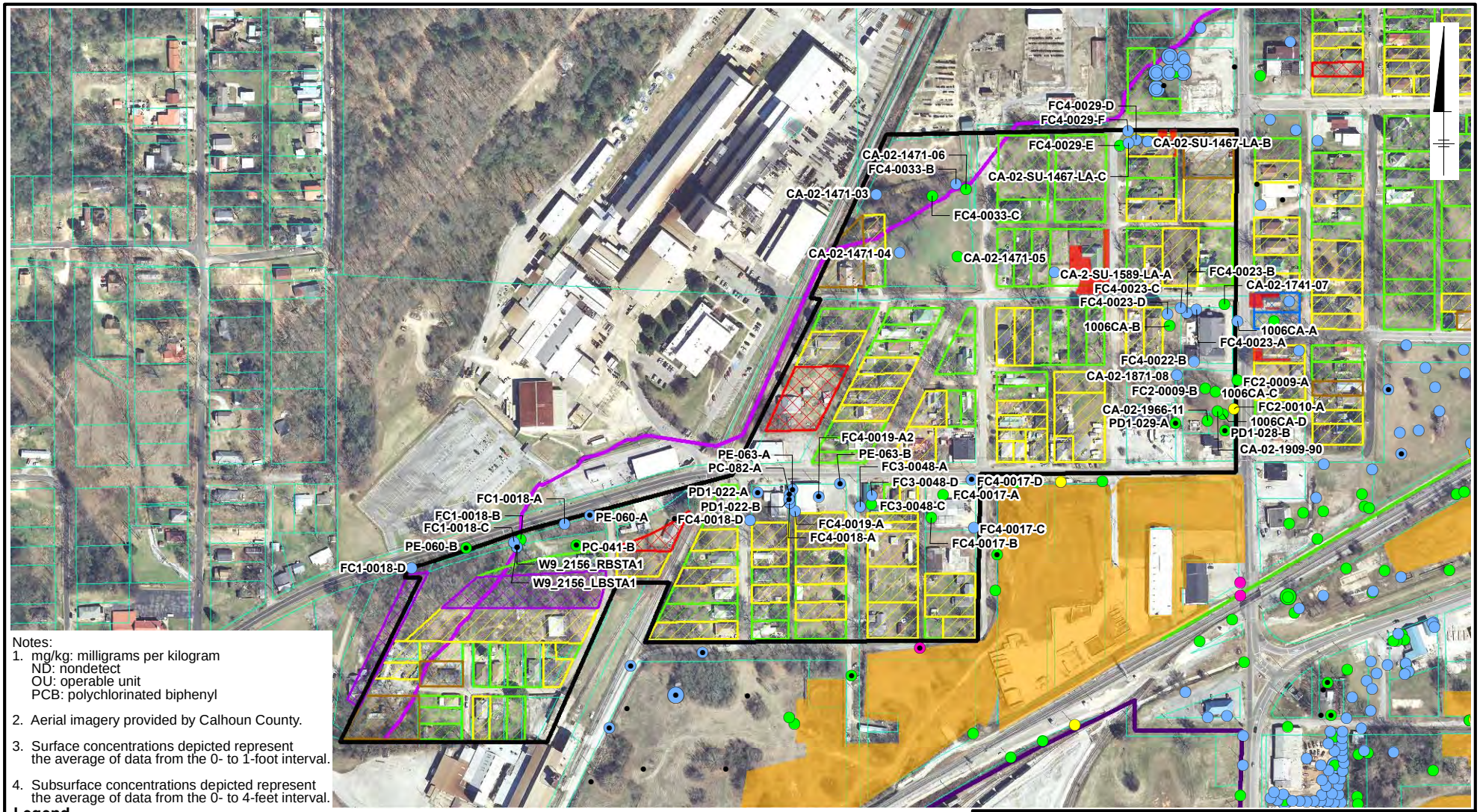
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 1

Solutia

Figure **5-2**



Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

Legend

Soil Sample Location

Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

11th Street Ditch

West 9th Street Creek

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6
- Special Use > 1 (mg/kg)
- Residential > 1 (mg/kg) (Removal Pending)
- Residential > 1 (mg/kg) (Unsuitable for Removal)

- High Activity Area
- Exposure Unit
- Operable Unit 3
- Interim Measure and Other Remedial Actions
- All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

0 400 800 Feet

Graphic Scale

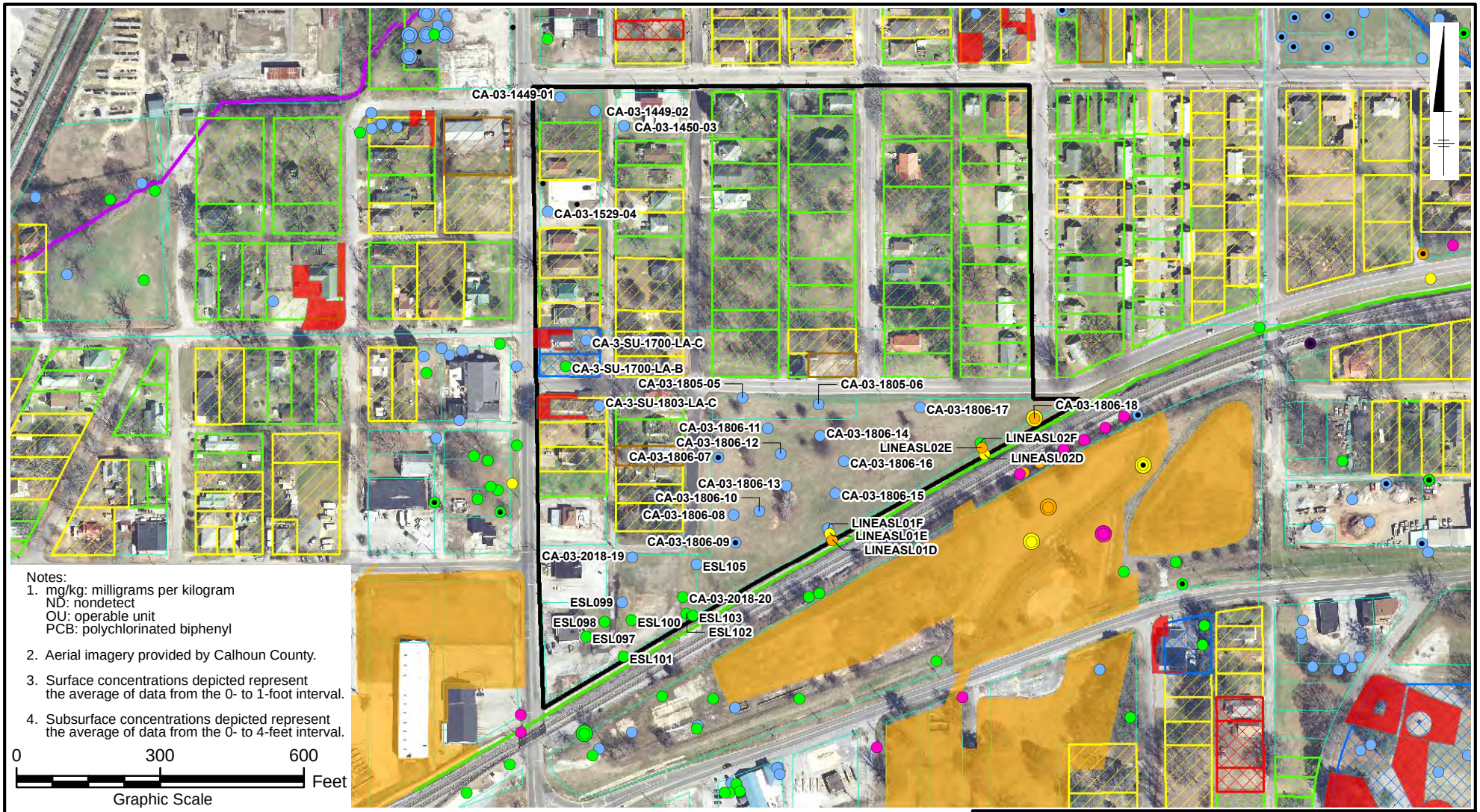
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 2

Solutia

Figure **5-3**



Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

0 300 600 Feet

Graphic Scale

Legend

Soil Sample Location

PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek
11th Street Ditch
West 9th Street Creek

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6
- Special Use > 1 (mg/kg)
- Residential > 1 (mg/kg) (Removal Pending)

High Activity Area
Exposure Unit
Interim Measure and Other Remedial Actions
All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

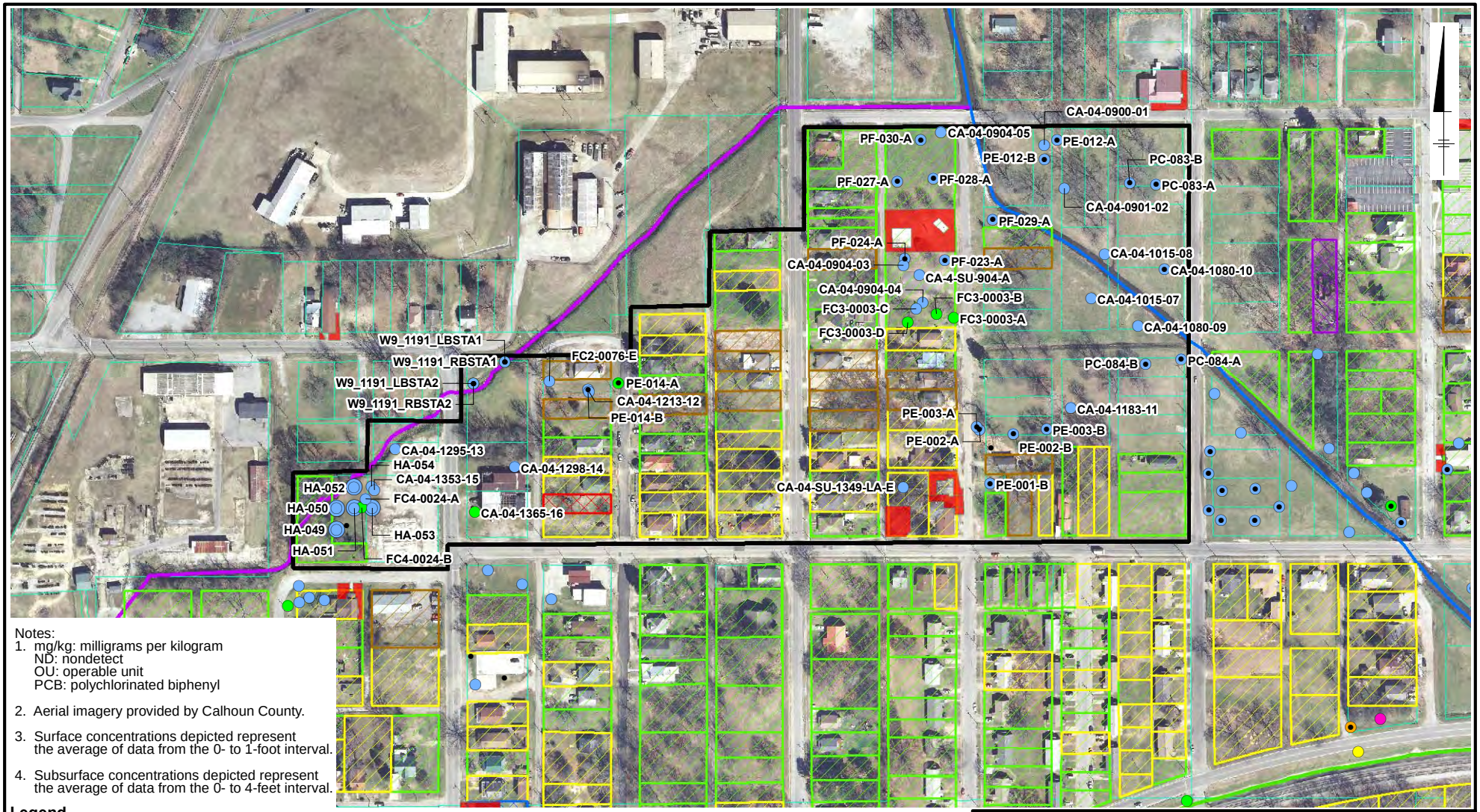
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 3

Solutia

Figure **5-4**



Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

- Snow Creek
- 11th Street Ditch
- West 9th Street Creek

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6
- Special Use > 1 (mg/kg)
- Residential > 1 (mg/kg) (Removal Pending)
- Residential > 1 (mg/kg) (Unsuitable for Removal)

- High Activity Area
- Exposure Unit
- All Parcels

– Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

0 300 600 Feet
Graphic Scale

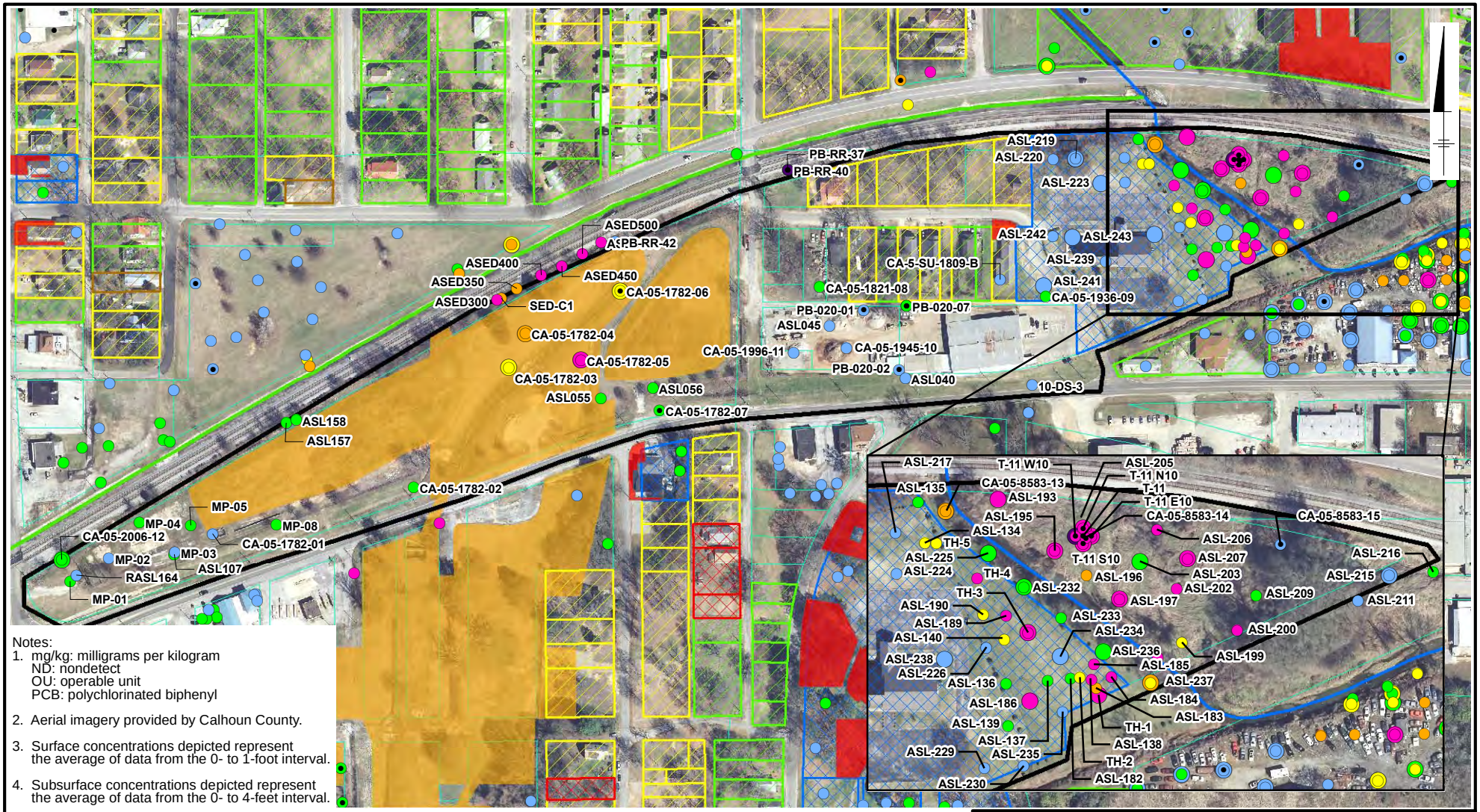
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 4

Solutia

Figure **5-5**



Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

Legend

Soil Sample Location

Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek

11th Street Ditch

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6
- Special Use > 1 (mg/kg)
- Residential > 1 (mg/kg) (Removal Pending)

High Activity Area

Exposure Unit

Interim Measure and Other Remedial Actions

All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

0 300 600 Feet

Graphic Scale

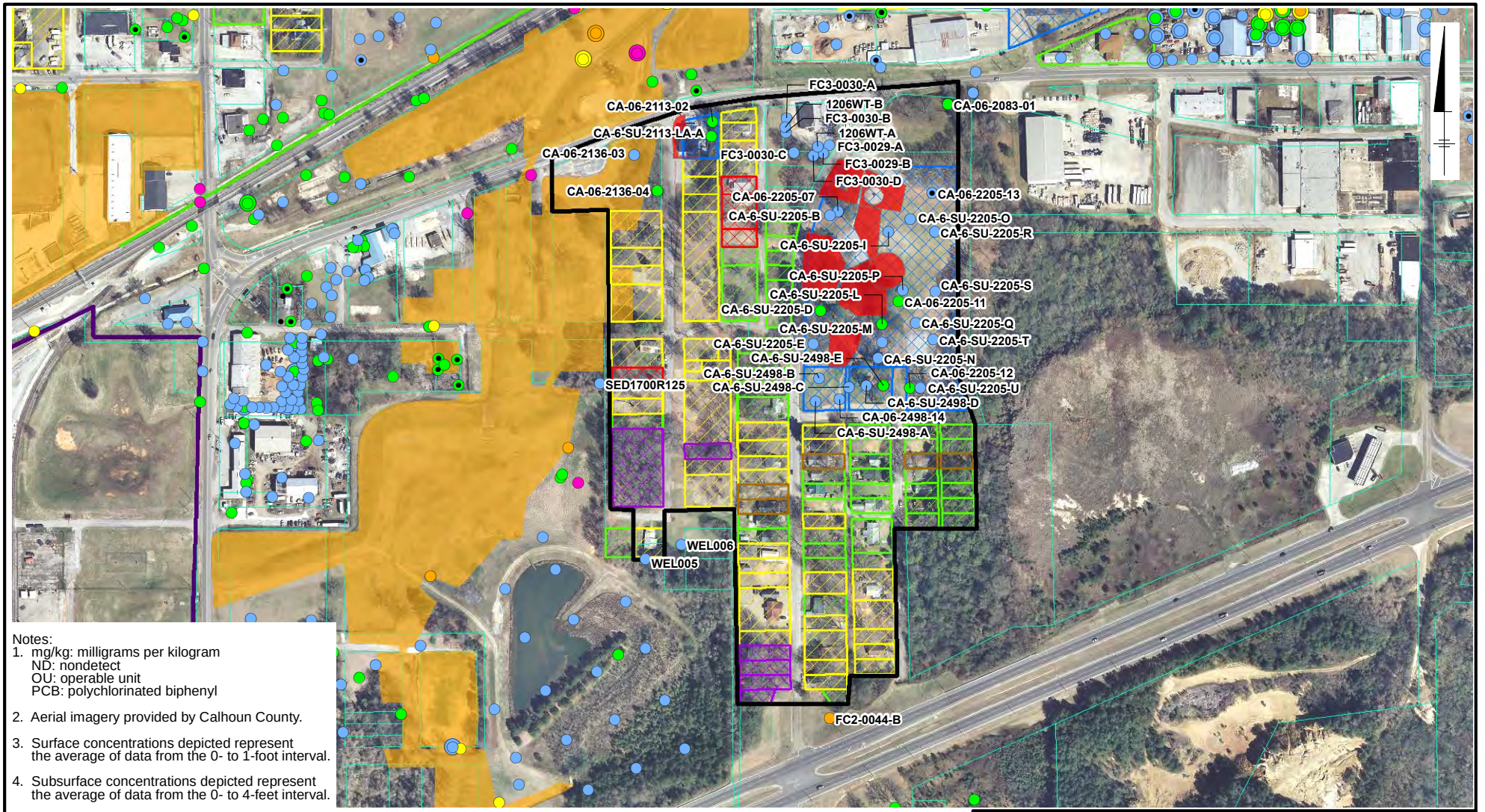
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 5

Solutia

Figure **5-6**



Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

11th Street Ditch

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6
- Special Use > 1 (mg/kg)
- Residential > 1 (mg/kg) (Removal Pending)
- Residential > 1 (mg/kg) (Unsuitable for Removal)

- High Activity Area
- Exposure Unit
- Operable Unit 3
- Interim Measure and Other Remedial Actions
- All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

0 400 800 Feet
Graphic Scale

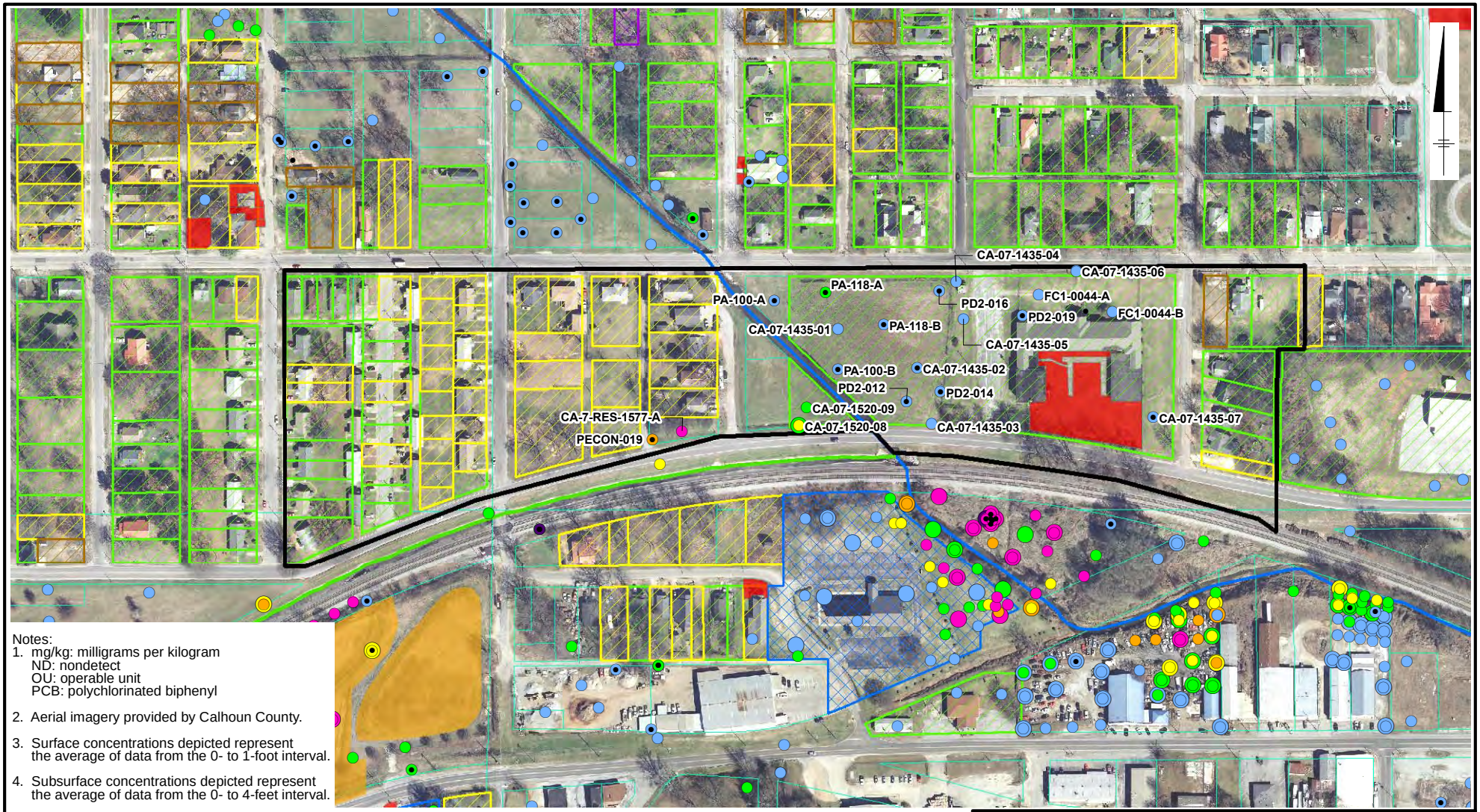
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 6

Solutia
Improving Productivity Performance

Figure
5-7



Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek
11th Street Ditch

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6
- Special Use > 1 (mg/kg)
- Residential > 1 (mg/kg) (Unsuitable for Removal)

High Activity Area
Exposure Unit
Interim Measure and Other Remedial Actions
All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

0 300 600 Feet
Graphic Scale

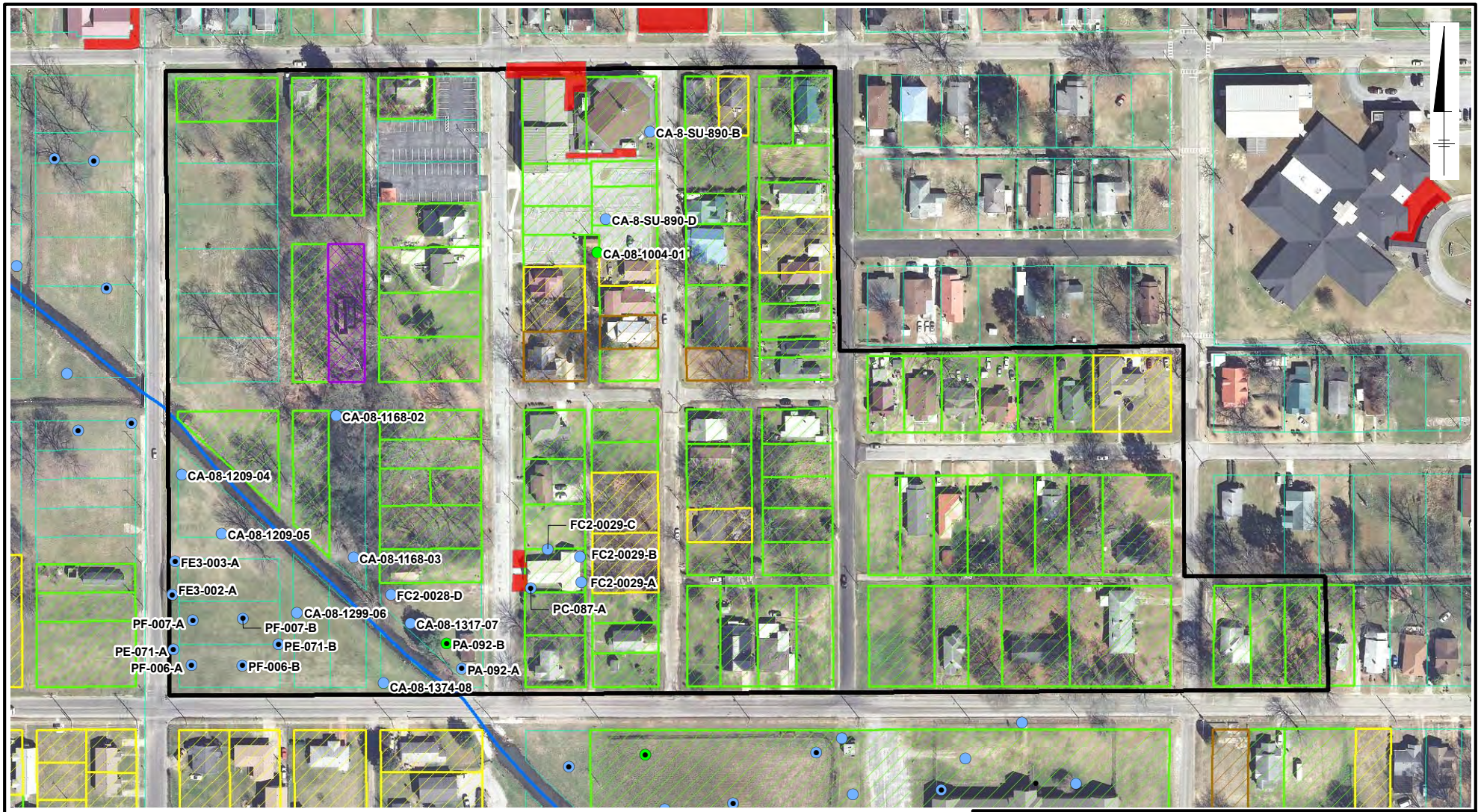
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 7

Solutia
Improving Productivity Performance

Figure **5-8**



Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6
- Residential > 1 (mg/kg) (Unsuitable for Removal)

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

High Activity Area

Exposure Unit

All Parcels

Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

0 200 400 Feet
Graphic Scale

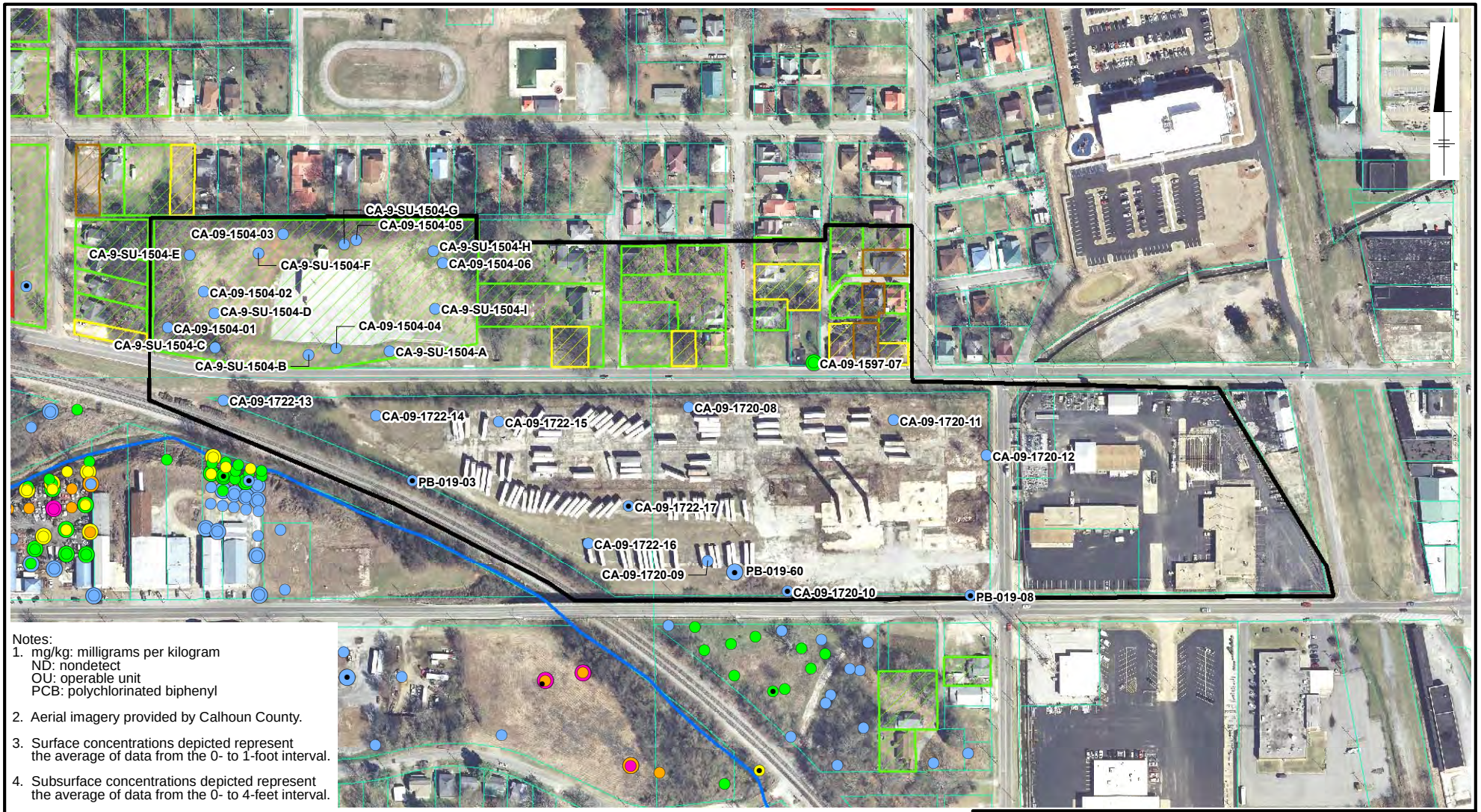
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 8

Solutia
Improving Productivity Performance

Figure
5-9



Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6

High Activity Area

Exposure Unit

All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

0 300 600 Feet
Graphic Scale

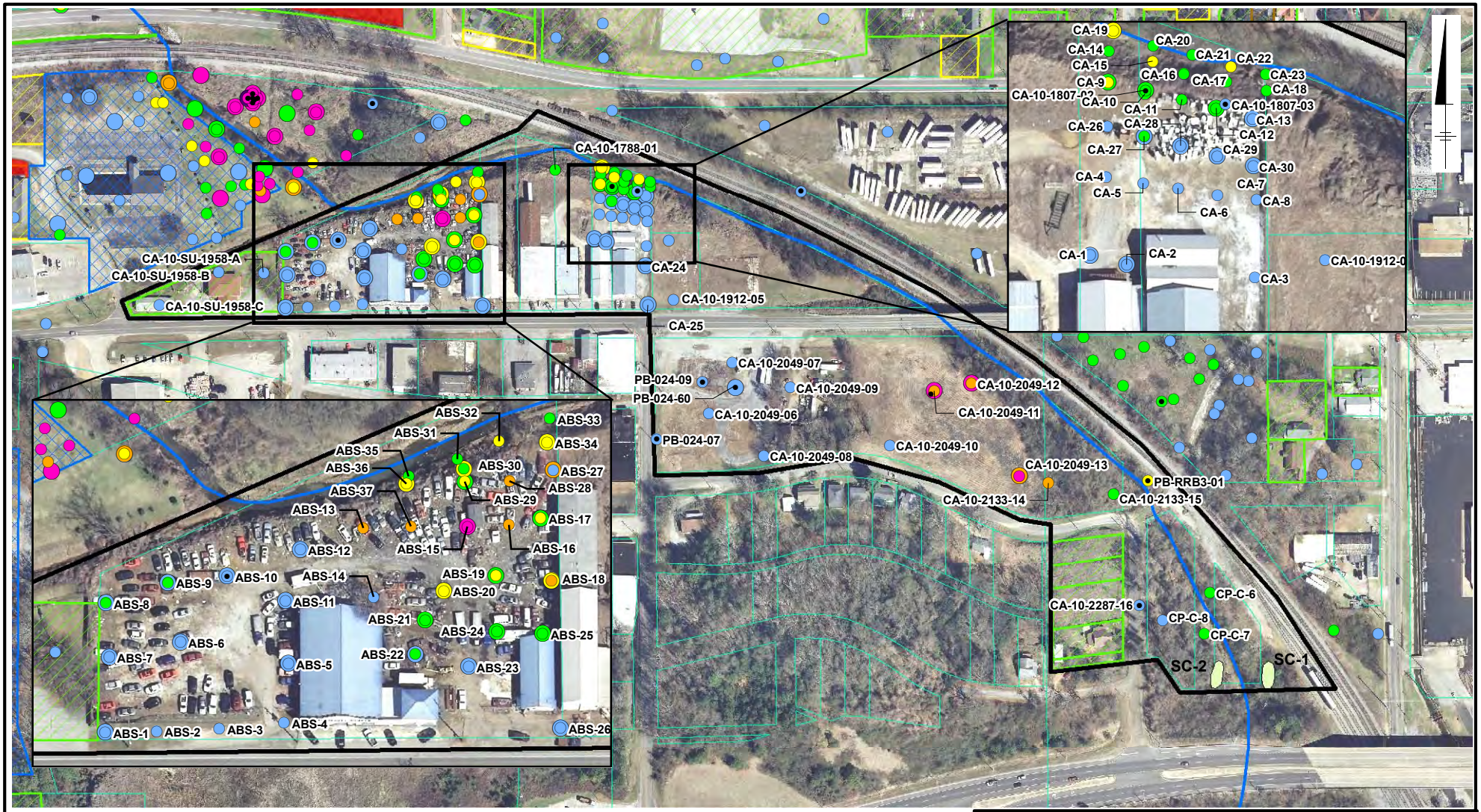
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 9

Solutia
Improving Productivity Performance

Figure
5-10



Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

- Snow Creek
- 11th Street Ditch
- Dredge Spoil Pile In-Place

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6
- Special Use > 1 (mg/kg)

- High Activity Area
- Exposure Unit
- All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

0 300 600 Feet
Graphic Scale

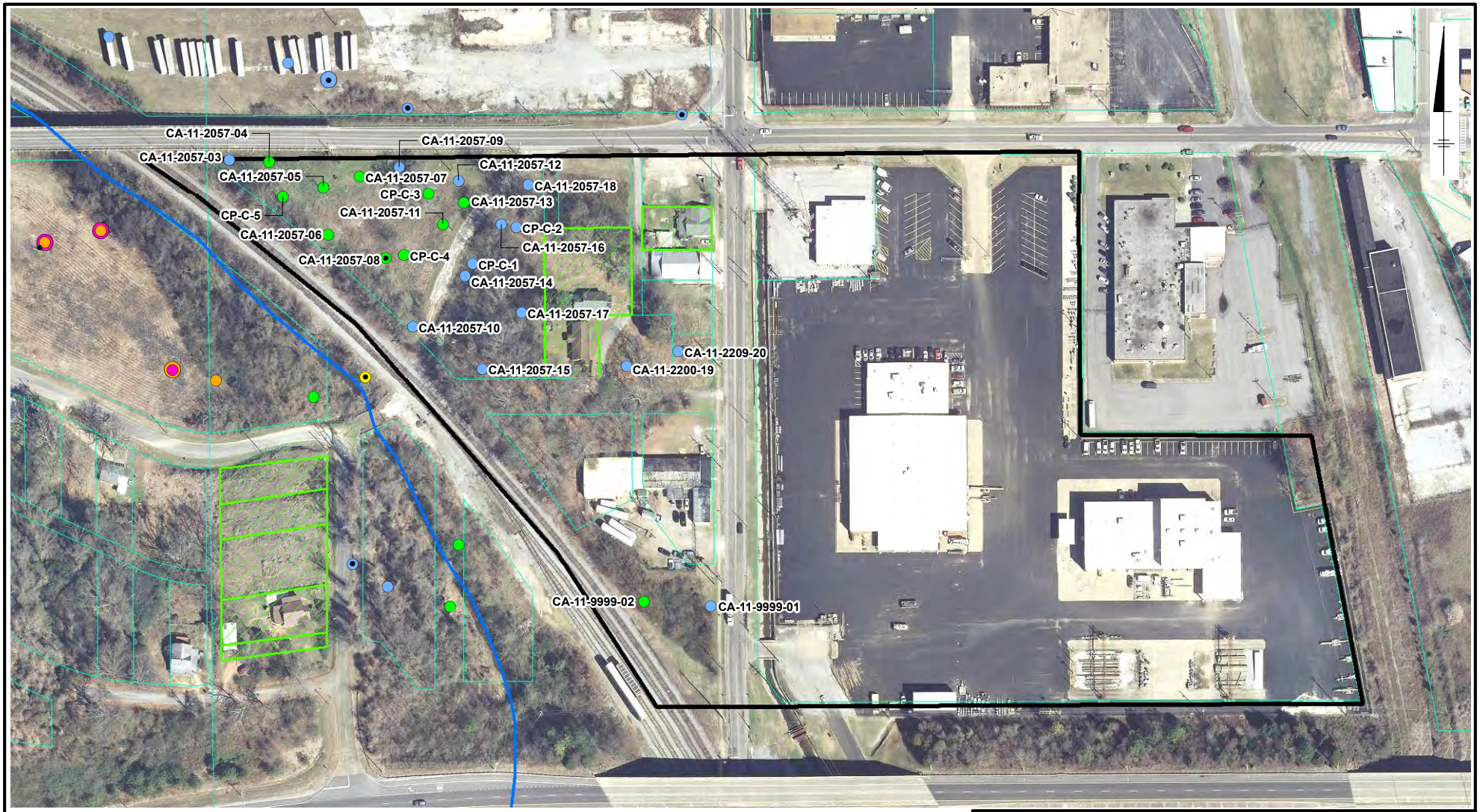
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 10

Solutia

Figure
5-11



Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Exposure Unit
- All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

0 200 400 Feet
Graphic Scale

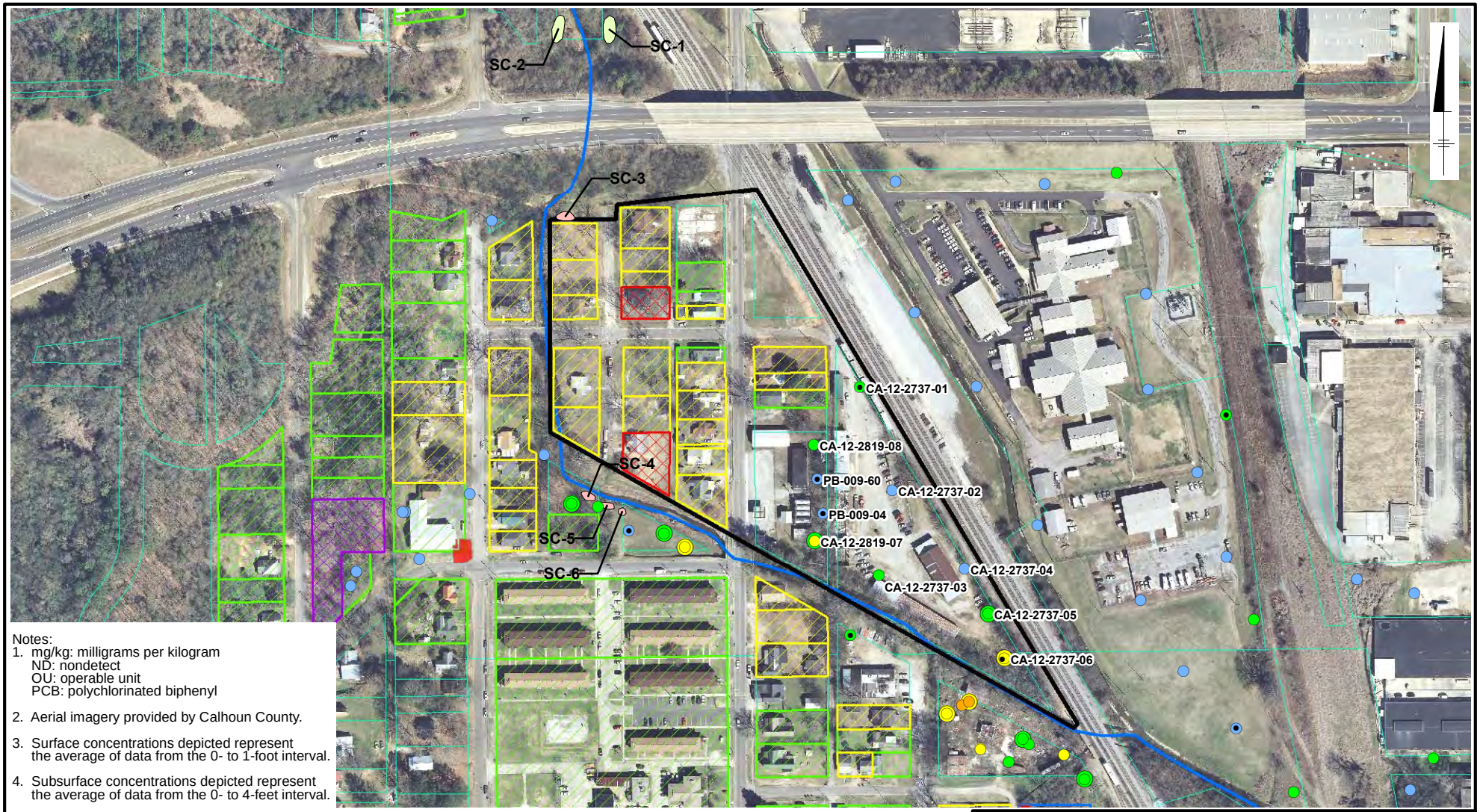
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 11

Solutia

Figure
5-12



Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek
Dredge Spoil Pile In-Place
Dredge Spoil Pile Removed
Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Special Use > 1 (mg/kg)
- Residential > 1 (mg/kg) (Removal Pending)
- Residential > 1 (mg/kg) (Unsuitable for Removal)

High Activity Area
Exposure Unit
All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

0 300 600 Feet
Graphic Scale

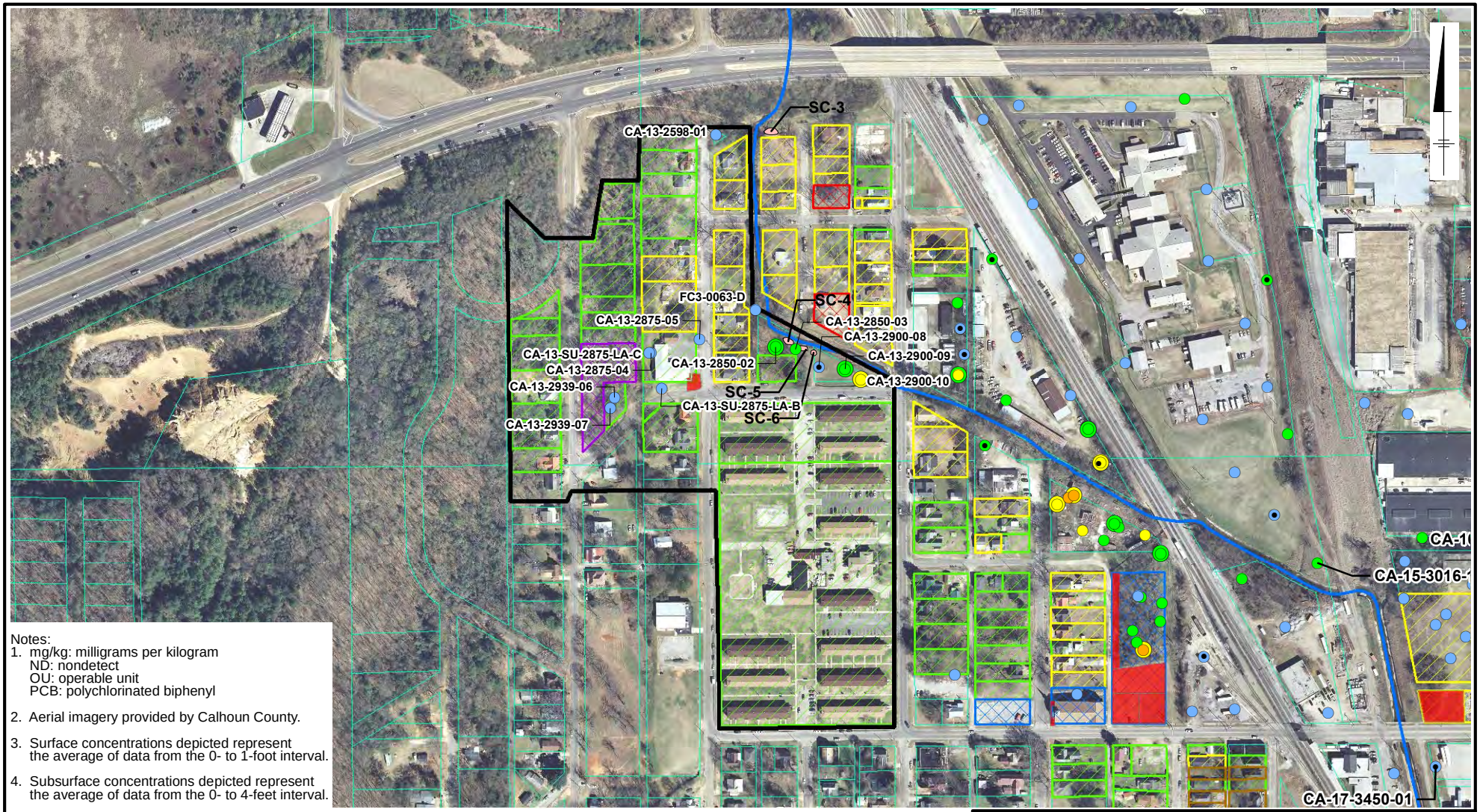
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 12

Solutia

Figure
5-13



Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek
Dredge Spoil Pile Removed

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6
- Special Use > 1 (mg/kg)
- Residential > 1 (mg/kg) (Removal Pending)
- Residential > 1 (mg/kg) (Unsuitable for Removal)

High Activity Area
Exposure Unit
All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

0 400 800 Feet
Graphic Scale

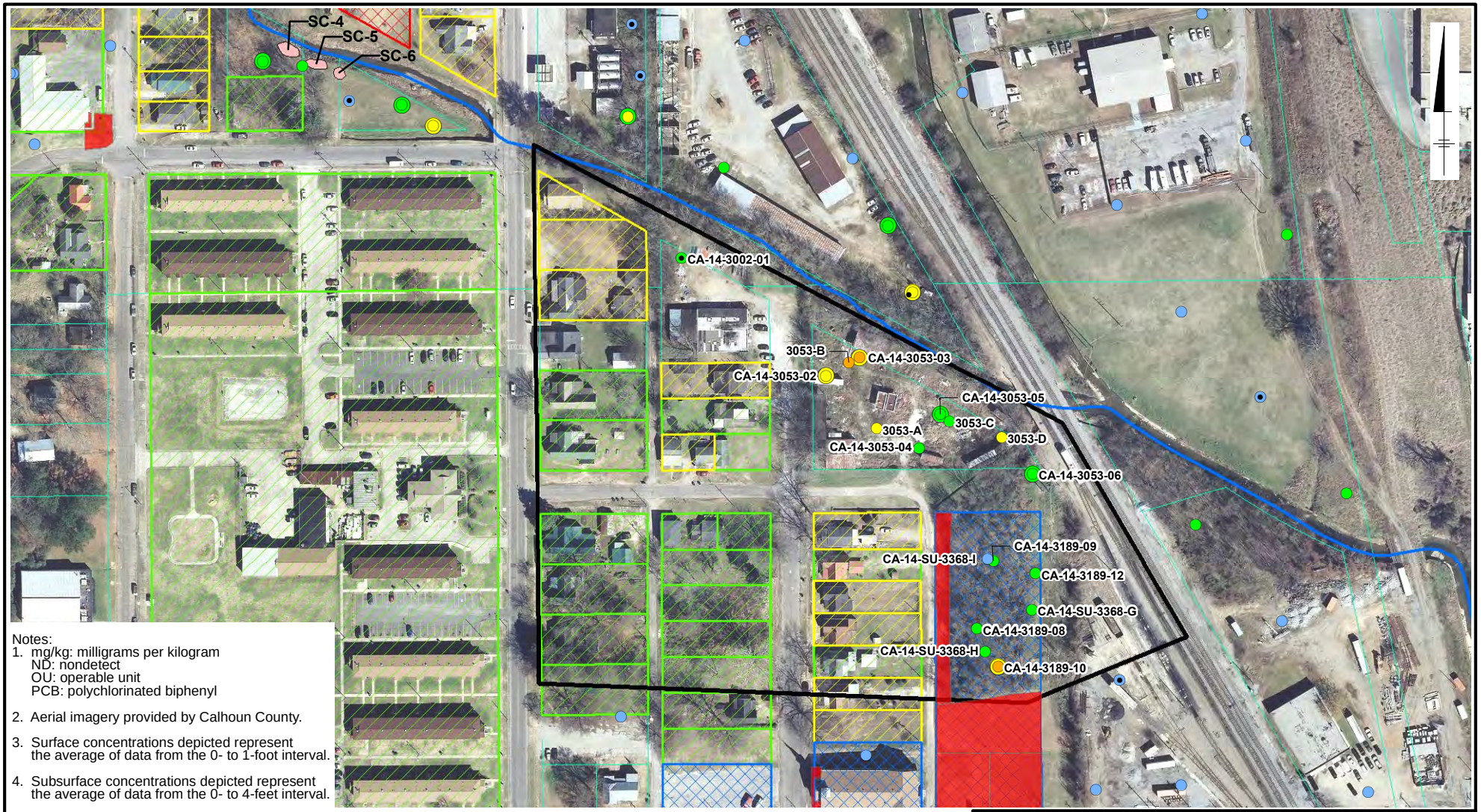
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 13

Solutia

Figure
5-14



Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek
Dredge Spoil Pile Removed
Residential Parcels Sampled
Residential < 1 (mg/kg)
Removal Complete
Special Use > 1 (mg/kg)
Residential > 1 (mg/kg) (Removal Pending)

High Activity Area
Exposure Unit
All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

0 200 400 Feet
Graphic Scale

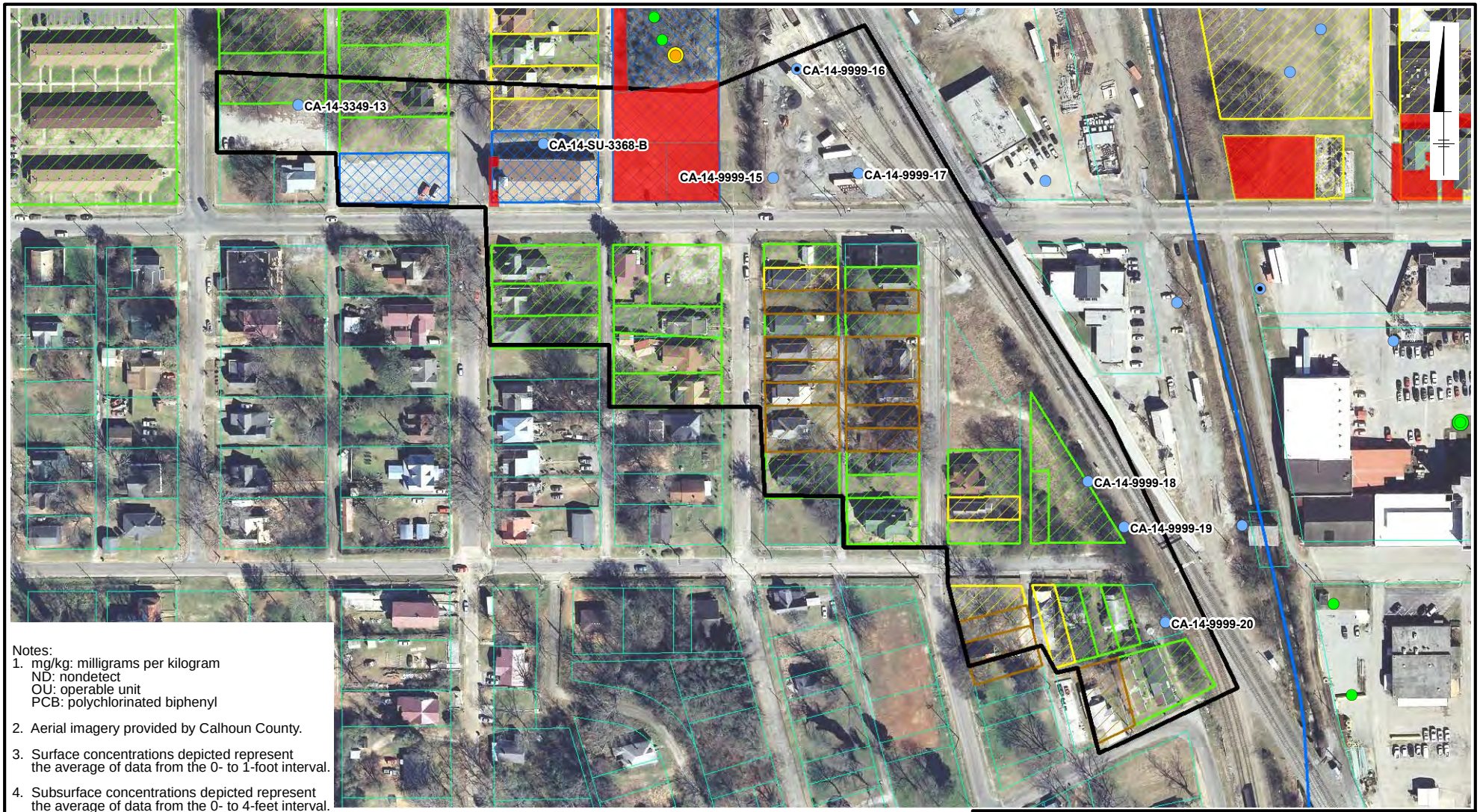
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 14 North

Solutia
Ingenuity Productivity Performance

Figure
5-15



Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6
- Special Use > 1 (mg/kg)

High Activity Area
Exposure Unit
All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

0 200 400 Feet
Graphic Scale

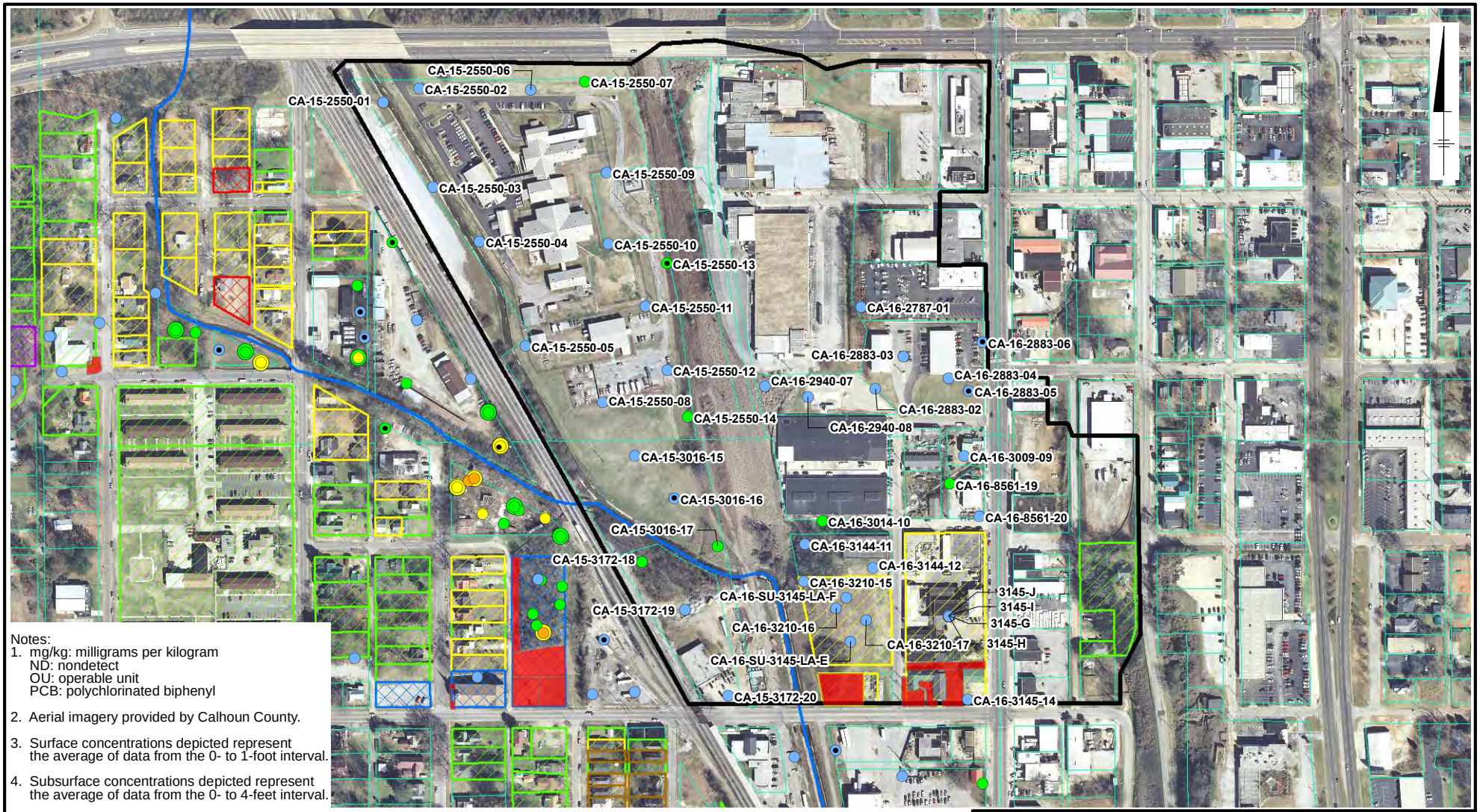
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 14 South

Solutia

Figure
5-16



Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6
- Special Use > 1 (mg/kg)
- Residential > 1 (mg/kg) (Removal Pending)
- Residential > 1 (mg/kg) (Unsuitable for Removal)

High Activity Area
Exposure Unit
All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

0 400 800 Feet
Graphic Scale

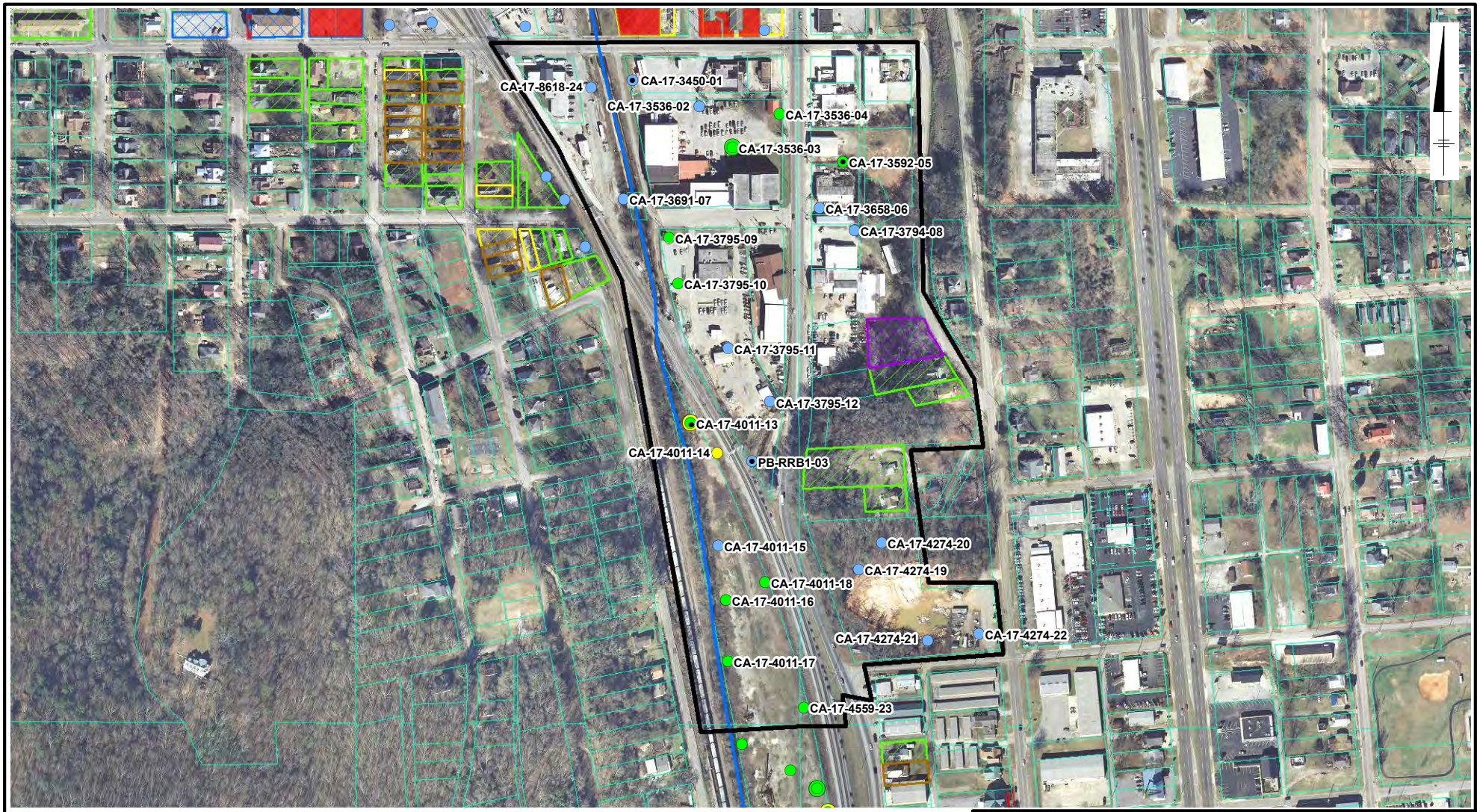
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 15/16

Solutia

Figure
5-17



Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6
- Special Use > 1 (mg/kg)
- Residential > 1 (mg/kg) (Unsuitable for Removal)

High Activity Area
Exposure Unit
All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

0 400 800 Feet
Graphic Scale

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 17

Solutia

Figure
5-18

Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6

High Activity Area

Exposure Unit

All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

0 500 1,000 Feet

Graphic Scale

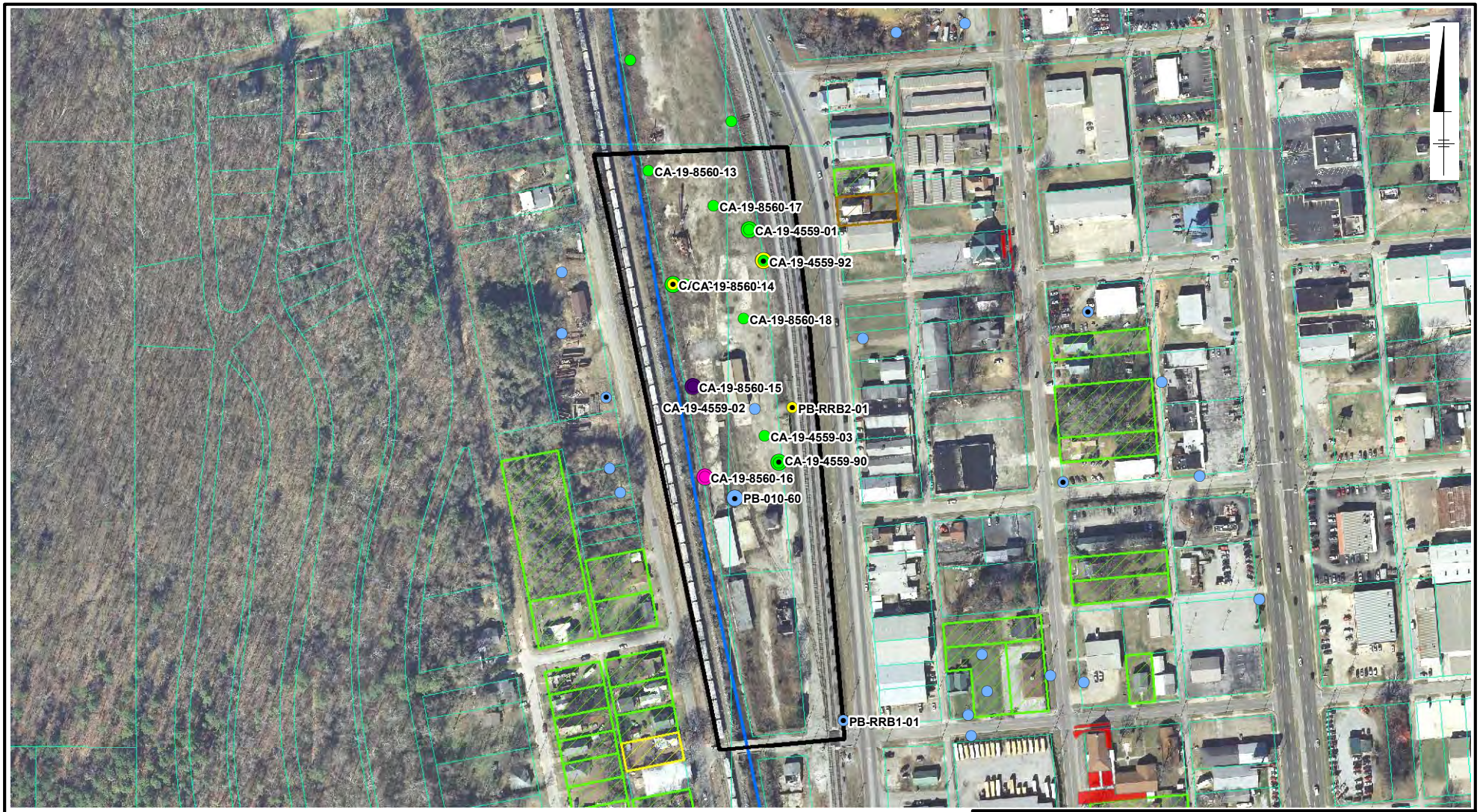
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 18

Solutia

Figure
5-19



Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek
Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6

High Activity Area
Exposure Unit
All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

0 300 600 Feet
Graphic Scale

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 19 North

Solutia
Improving Productivity Performance

Figure
5-20

Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek
Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6

High Activity Area
Exposure Unit
All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

0 300 600 Feet
Graphic Scale

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 19 South

Solutia

Figure
5-21

Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6

High Activity Area

Exposure Unit

All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

0 400 800 Feet

Graphic Scale

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 20

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Figure
5-22

Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek
High Activity Area
Exposure Unit
All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

0 400 800 Feet
Graphic Scale

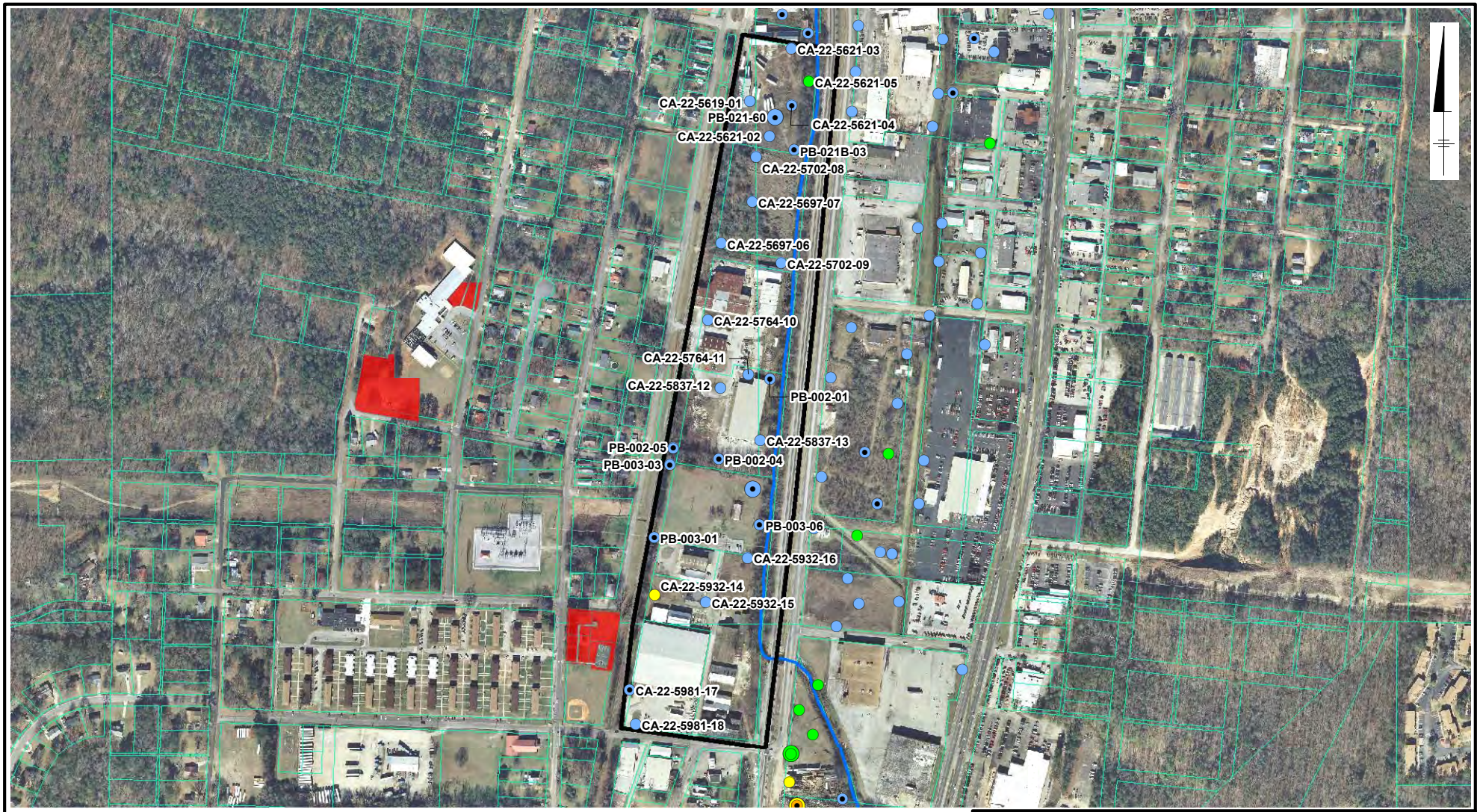
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 21

Solutia

Figure
5-23



Legend

Soil Sample Location
Surface PCB (mg/kg)

- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek
High Activity Area
Exposure Unit
All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

0 600 1,200 Feet
Graphic Scale

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 22

Solutia

Figure
5-24

Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek
High Activity Area
Exposure Unit
All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

0 400 800 Feet
Graphic Scale

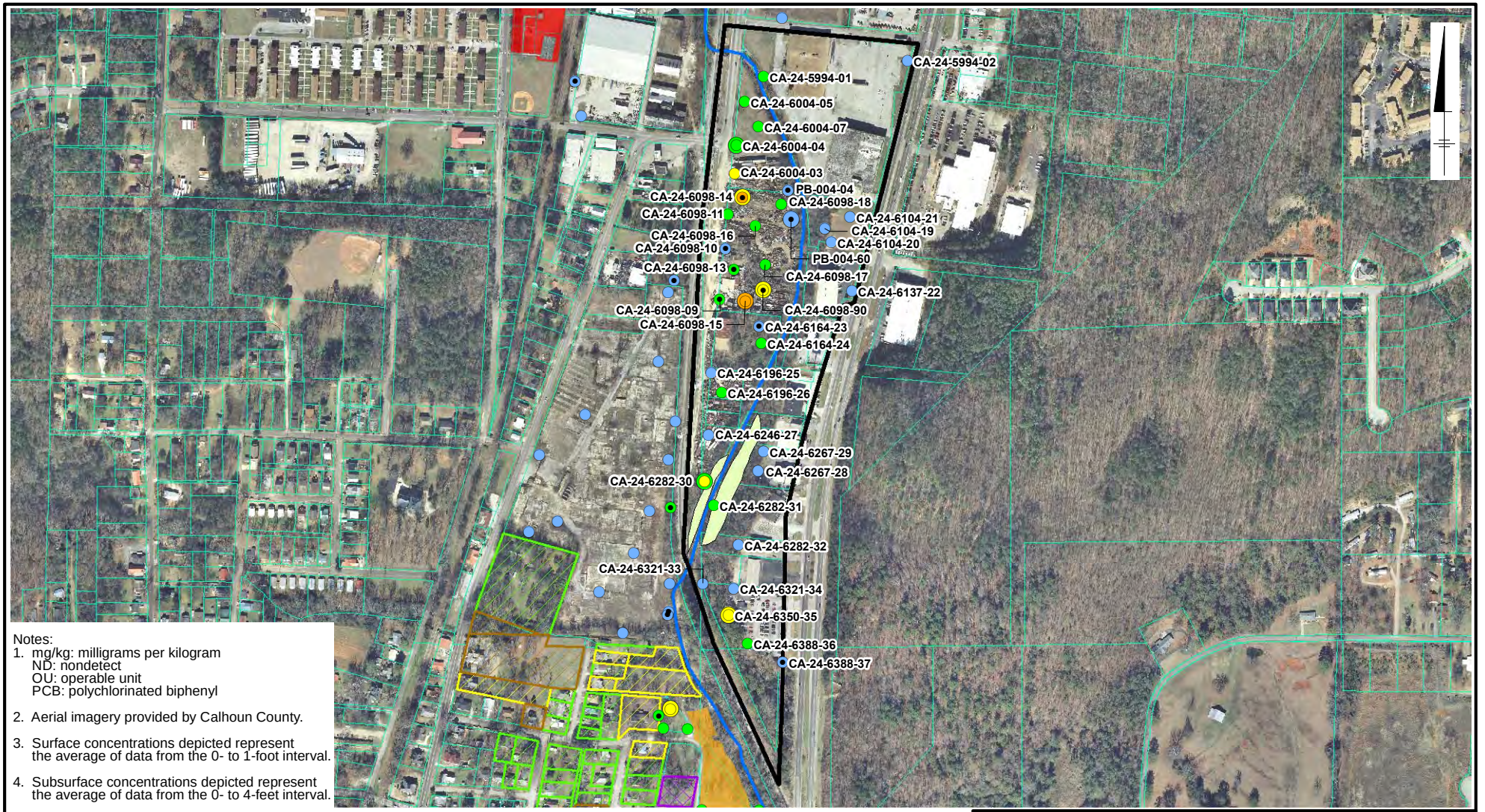
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 23

Solutia

Figure
5-25



Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6
- Residential > 1 (mg/kg) (Unsuitable for Removal)

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

- High Activity Area
- Exposure Unit
- Interim Measure and Other Remedial Actions
- All Parcels

0 600 1,200 Feet
Graphic Scale

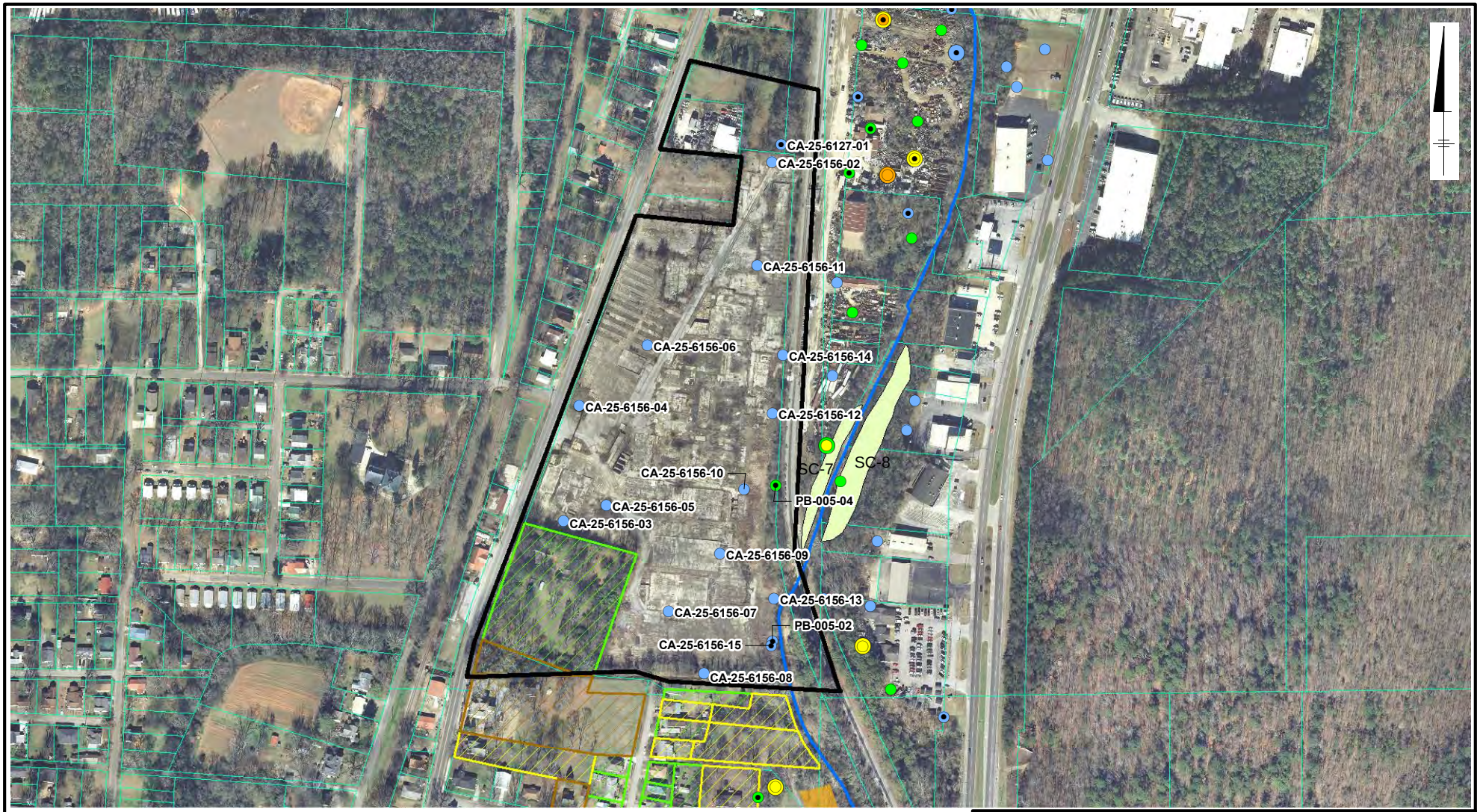
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 24

Solutia

Figure
5-26



Legend

Soil Sample Location

Surface PCB (mg/kg)

- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek

Residential Parcels Sampled

- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6

Exposure Unit

Interim Measure and Other Remedial Actions

All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

0 400 800 Feet

Graphic Scale

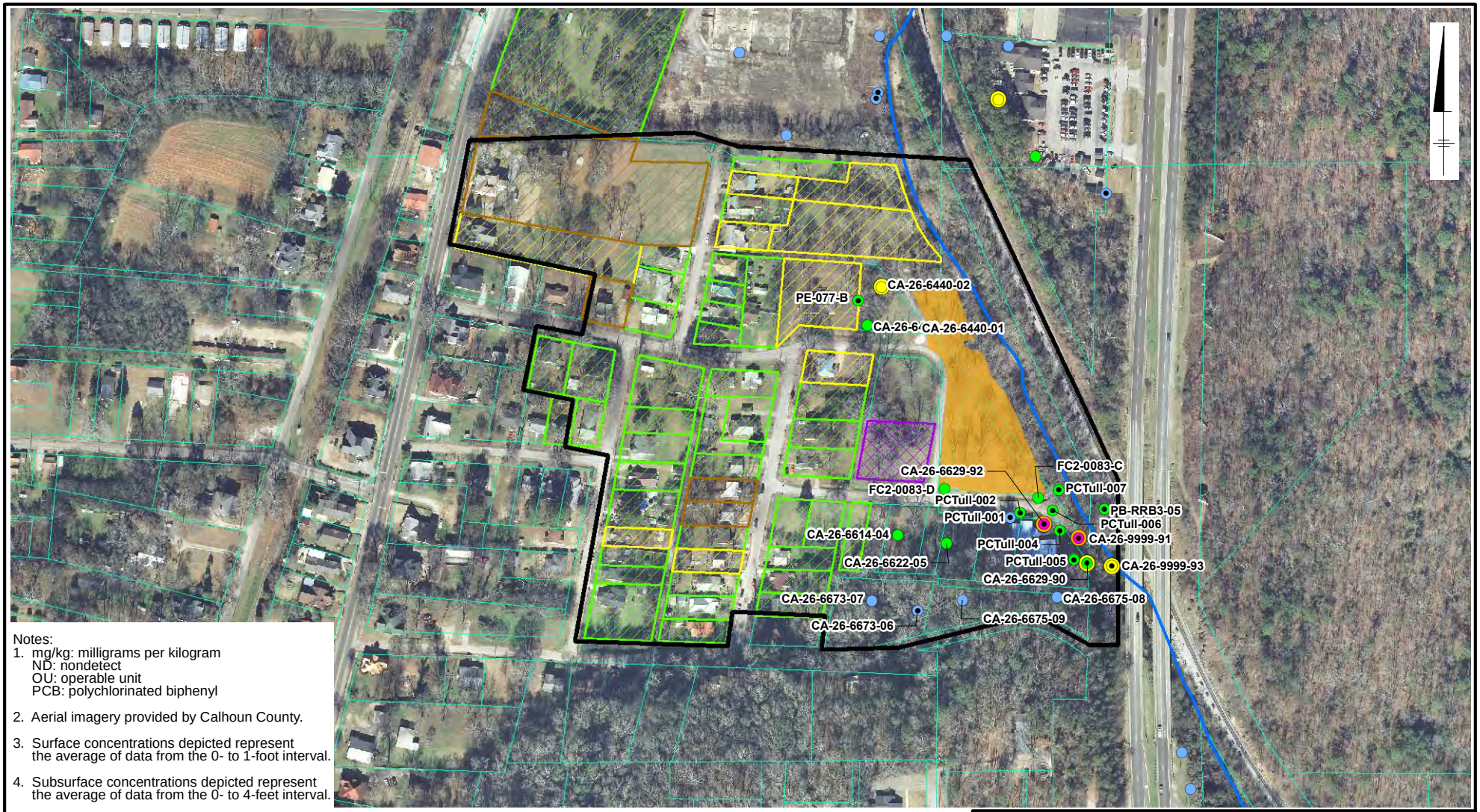
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 25

Solutia

Figure
5-27



Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

Legend

Soil Sample Location

Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6
- Residential > 1 (mg/kg) (Unsuitable for Removal)

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

Exposure Unit

Interim Measure and Other Remedial Actions

All Parcels

0 300 600 Feet

Graphic Scale

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 26

Solutia

Figure **5-28**

Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek
Residential Parcels Sampled
Residential < 1 (mg/kg)

Exposure Unit
Interim Measure and Other Remedial Actions
All Parcels

Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.

0 300 600 Feet
Graphic Scale

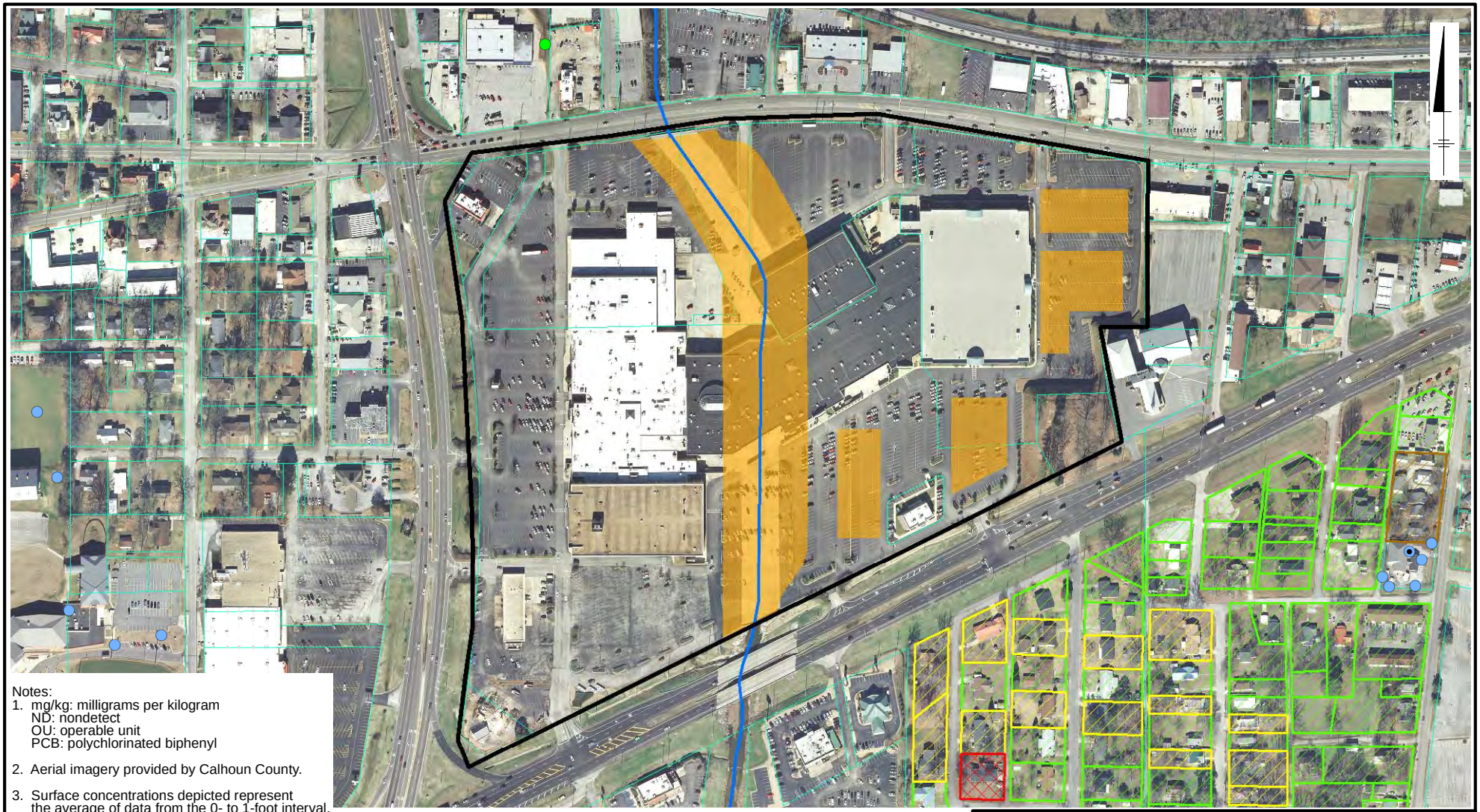
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 27

Solutia
Improving Productivity Performance

Figure
5-29



Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.

Legend

Soil Sample Location

Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6
- Residential > 1 (mg/kg) (Removal Pending)

Exposure Unit

Interim Measure and Other Remedial Actions

All Parcels

0 400 800 Feet

Graphic Scale

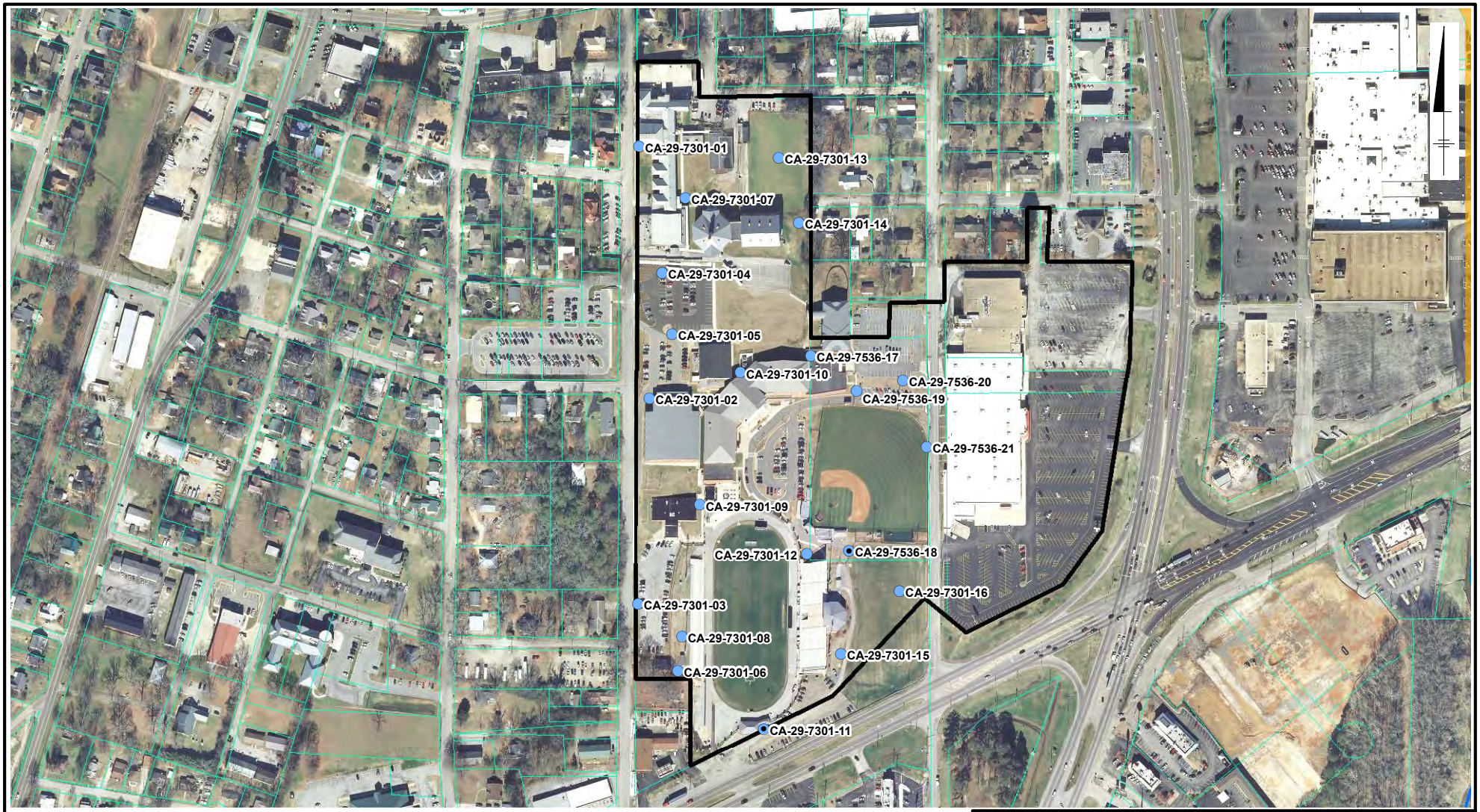
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 28

Solutia

Figure **5-30**



Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek
Exposure Unit
Interim Measure and Other Remedial Actions
All Parcels

Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.

0 400 800 Feet
Graphic Scale

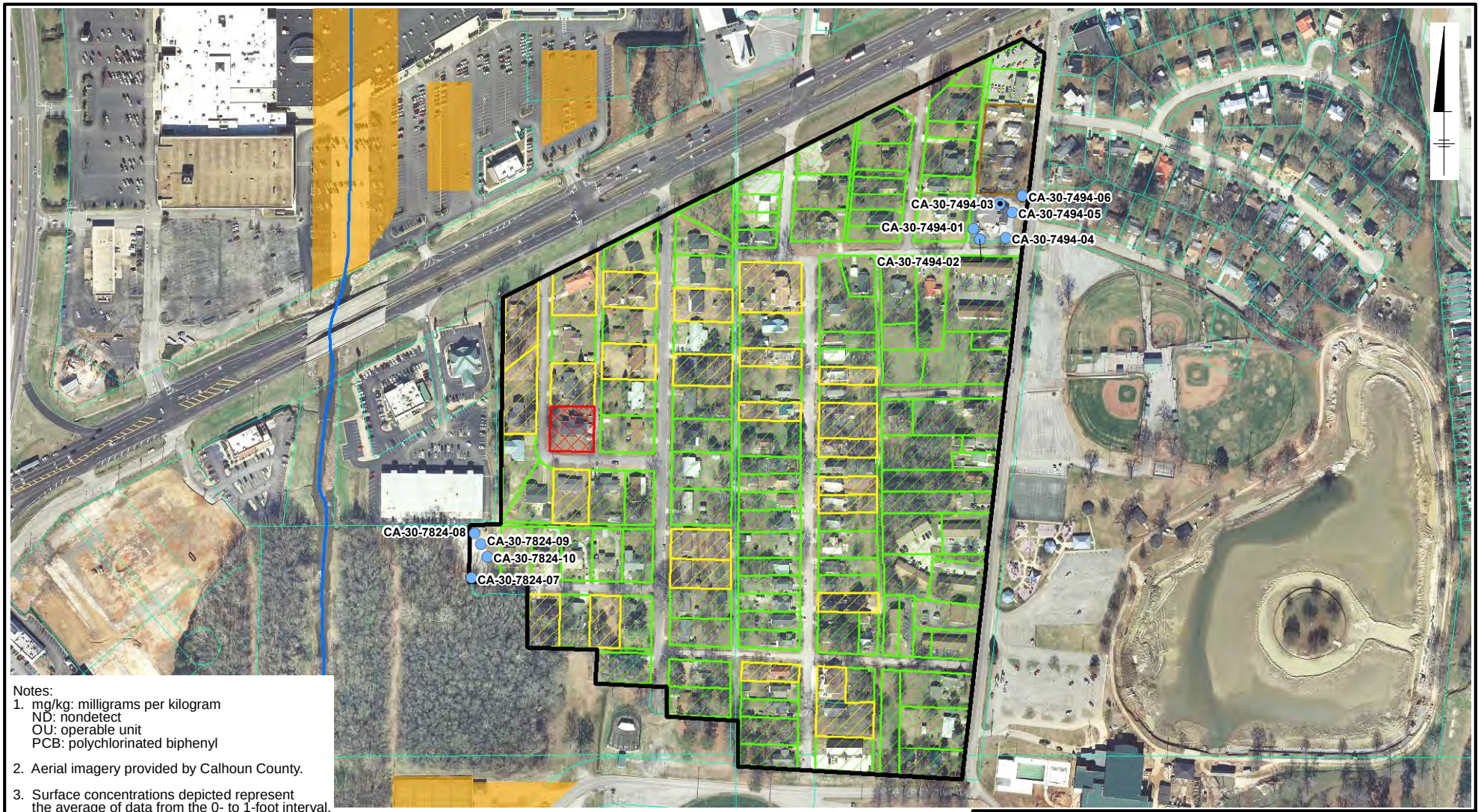
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 29

Solutia

Figure
5-31



Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.

Legend

Soil Sample Location
Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

Snow Creek

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6
- Residential > 1 (mg/kg) (Removal Pending)

Exposure Unit

Interim Measure and Other Remedial Actions

All Parcels

0 400 800 Feet
Graphic Scale

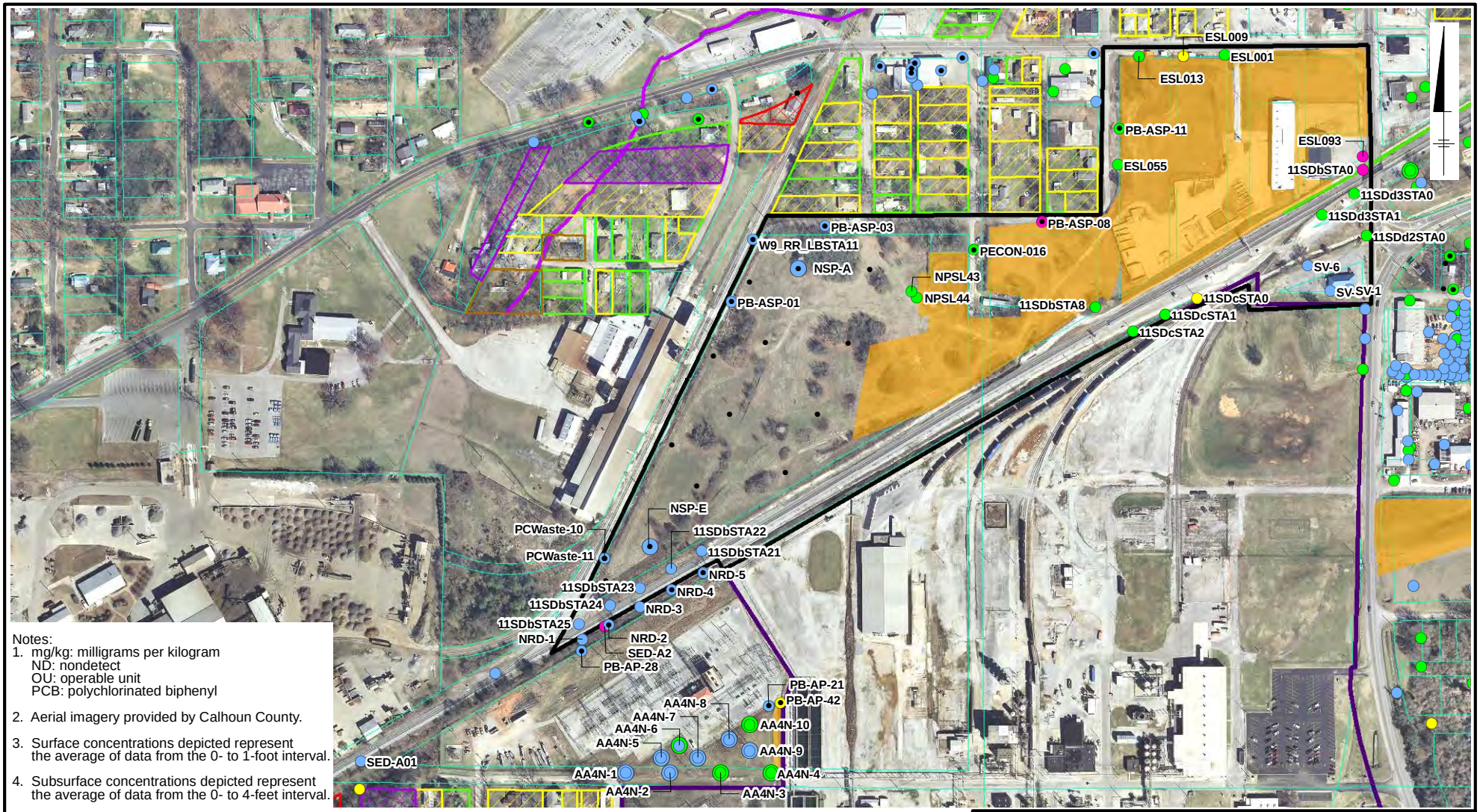
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Exposure Unit 30

Solutia

Figure
5-32



Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

Legend

Soil Sample Location

Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

- 11th Street Ditch
- West 9th Street Creek

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6
- Residential > 1 (mg/kg) (Removal Pending)
- Residential > 1 (mg/kg) (Unsuitable for Removal)

- Northside Boundary
- Operable Unit 3
- Interim Measure and Other Remedial Actions
- All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

0 400 800 Feet
Graphic Scale

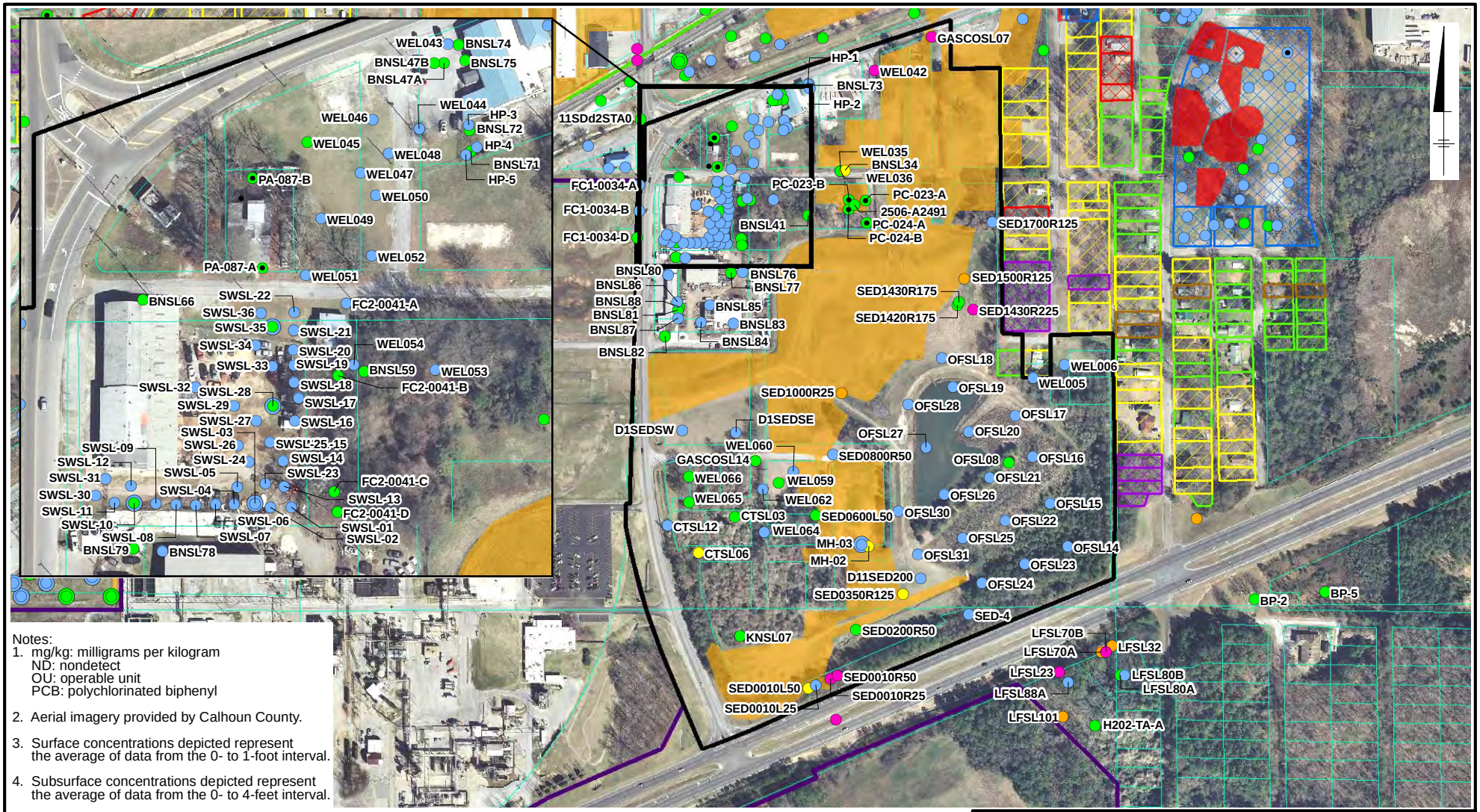
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Northside Area

Solutia

Figure
5-33



Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. Surface concentrations depicted represent the average of data from the 0- to 1-foot interval.
4. Subsurface concentrations depicted represent the average of data from the 0- to 4-feet interval.

Legend

Soil Sample Location

Surface PCB (mg/kg)
- ND or < 1
- ≥ 1 or <10
- ≥ 10 to < 25
- ≥ 25 to < 50
- ≥ 50 to < 500
- ≥ 500
- Analytes other than PCB and Lead Analyzed

11th Street Ditch

Residential Parcels Sampled
- Residential < 1 (mg/kg)
- Removal Complete
- Residential Appendix 6
- Special Use > 1 (mg/kg)
- Residential > 1 (mg/kg) (Removal Pending)
- Residential > 1 (mg/kg) (Unsuitable for Removal)

- High Activity Area
- Eastside Boundary
- Operable Unit 3
- Interim Measure and Other Remedial Actions
- All Parcels

Inner and outer circles reflect surface and subsurface PCB concentrations, respectively.

0 450 900 Feet

Graphic Scale

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Surface Soil PCB Concentrations Eastside Area

Solutia

Figure **5-34**

Legend

Soil Sample Location
Arsenic Concentration (mg/kg)
- ND - 2
- 2 - 5
- 5 - 7
- 7 - 11
- > 11

- Snow Creek
- 11th Street Ditch
- West 9th Street Creek
- Northside and Eastside Areas
- Operable Unit 3
- 100-Year Floodplain and Drainage Areas
- Exposure Unit

Notes:
1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit

2. Aerial imagery provided by Calhoun County.

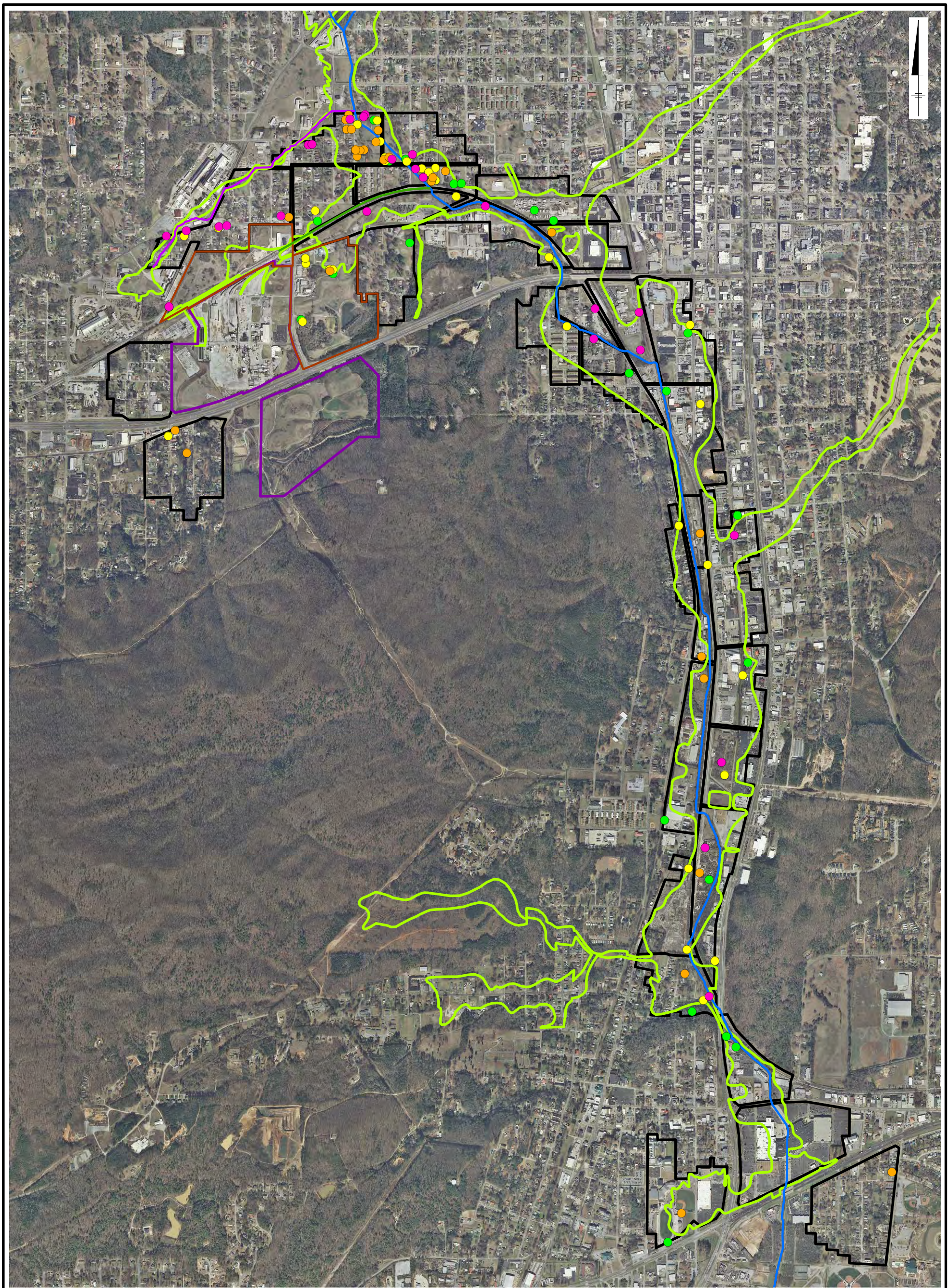
0 1,600 3,200 Feet
Graphic Scale

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Arsenic Concentrations in Surface Soil

Solutia

Figure
5-35



Legend

Soil Sample Location

Benzo(a)pyrene Equivalents (mg/kg)

- ND - 0.090
- 0.090 - 0.360
- 0.360 - 0.720
- 0.720 - 2.50
- > 2.50

- Snow Creek
- 11th Street Ditch
- West 9th Street Creek
- Northside and Eastside Areas
- Operable Unit 3
- 100-Year Floodplain and Drainage Areas
- Exposure Unit

Notes:

1. mg/kg: milligrams per kilogram
   ND: nondetect
   OU: operable unit

2. Aerial imagery provided by Calhoun County.

0 1,600 3,200 Feet

Graphic Scale

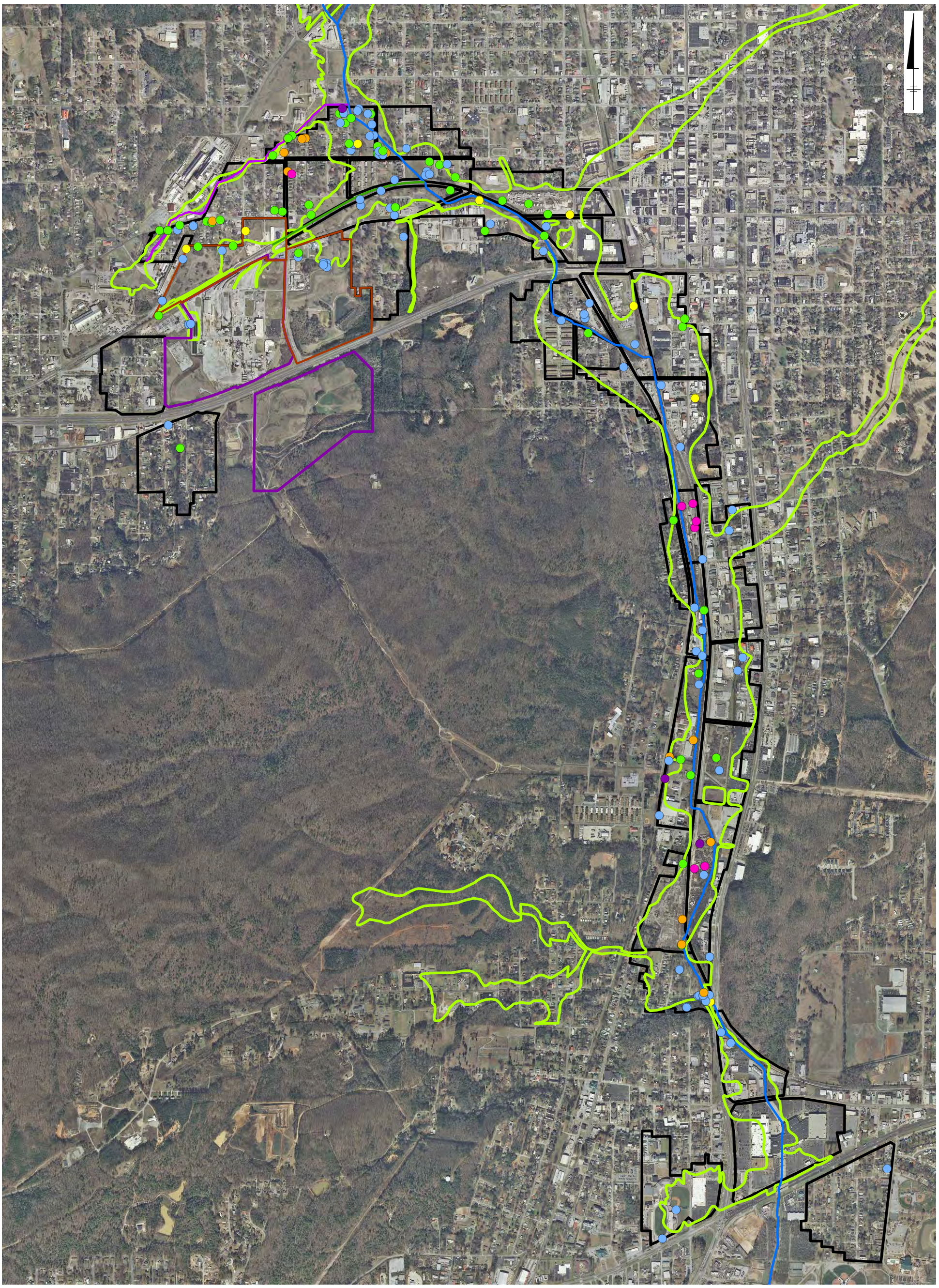
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Benzo(a)pyrene Equivalents Concentrations in Surface Soil

Solutia

Figure
5-36



Legend

Soil Sample Location
Chromium Concentration (mg/kg)
- 0-20
- 20-38
- 38-50
- 50-100
- 100-500
- >500

- Snow Creek
- 11th Street Ditch
- West 9th Street Creek
- Northside and Eastside Areas
- Operable Unit 3
- 100-Year Floodplain and Drainage Areas
- Exposure Unit

Notes:
1. mg/kg: milligrams per kilogram
   OU: operable unit

2. Aerial imagery provided by Calhoun County.

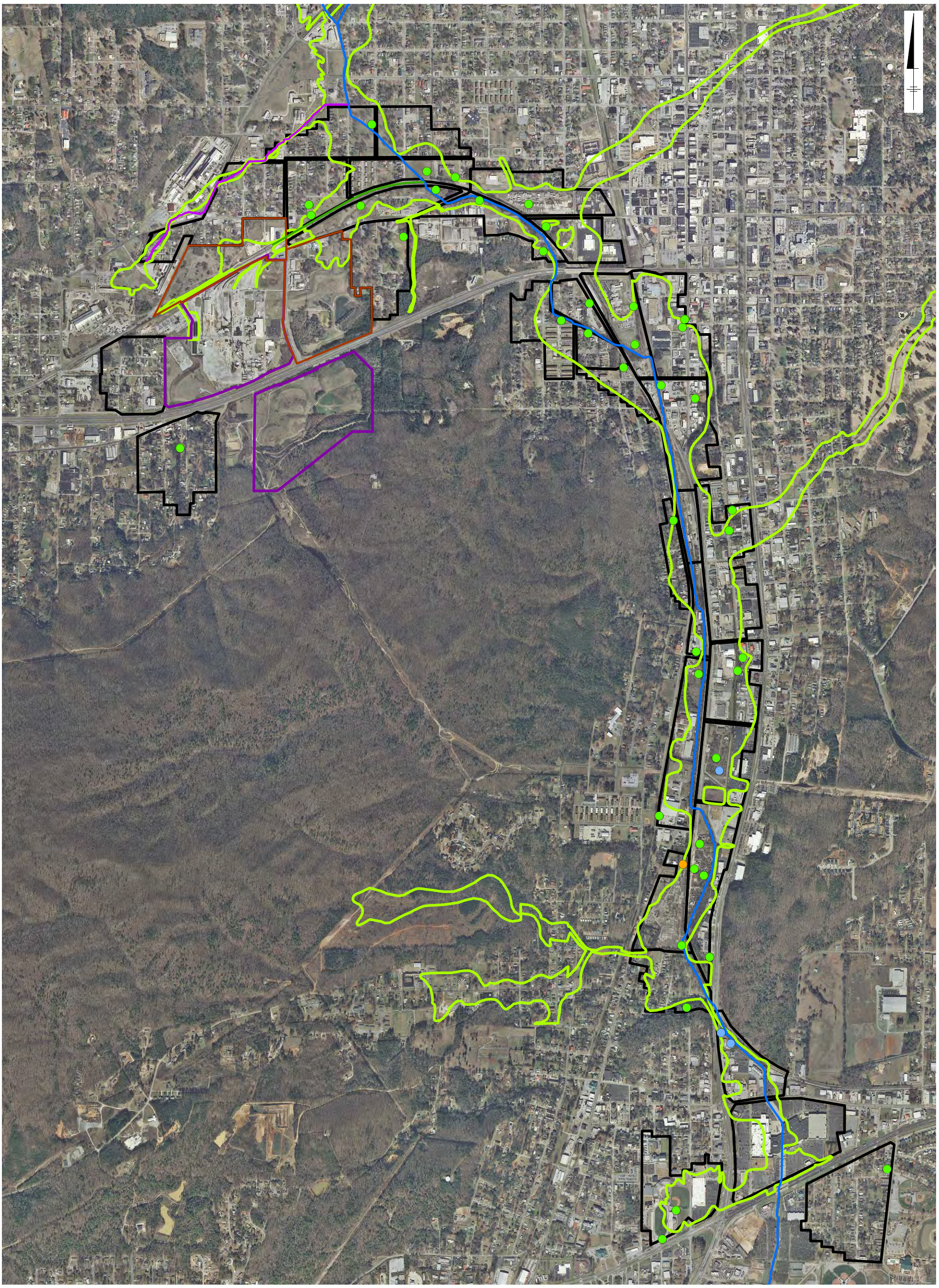
0 1,600 3,200 Feet
Graphic Scale

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Chromium Concentrations in Surface Soil

Solutia

Figure
5-37



Legend

Soil Sample Location

PCDD/DF TEQ Concentration (µg/kg)

- < 0.001
- 0.001 - 0.25
- 0.25 - 2
- > 2

- Snow Creek
- 11th Street Ditch
- West 9th Street Creek
- Northside and Eastside Areas
- 100-Year Floodplain and Drainage Areas
- Operable Unit 3
- Exposure Unit

Notes:

1. OU: operable unit
   PCDD/DF: polychlorinated dibenzodioxins/dibenzofurans
   TEQ: toxic equivalency
   µg/kg: micrograms per kilogram
2. Aerial imagery provided by Calhoun County.

0 1,600 3,200 Feet

Graphic Scale

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

PCDD/DF TEQ Concentrations in Surface Soil

Solutia

Figure
5-38

Figure 5-39b
Figure 5-39f
Figure 5-39e
Figure 5-39h
Figure 5-39c
Figure 5-39d
Figure 5-39g
Figure 5-39j
Figure 5-39i
Figure 5-39k
Figure 5-39l
Figure 5-39m
Figure 5-39n
Figure 5-39o

Legend

Sediment Sample Location
- Snow Creek Upstream of OU-1/OU-2
- Snow Creek inside OU-1/OU-2
- West 9th St Ditch

Snow Creek Centerline
- 11th Street Ditch
- West 9th Street Creek
- OU-1/OU-2 Downgradient Floodplain

- Snow Creek
- Sediment Deposit

0 1,750 3,500 Feet

Graphic Scale

Note:
1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and PCB Concentrations in OU-1/OU-2 Sediment

Solutia

Figure
5-39a

Legend

Sediment Sample Location

Snow Creek Upstream of OU-1/OU-2

Snow Creek

Notes:

1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   PCB: polychlorinated biphenyl

2. Aerial imagery provided by Calhoun County.

3. J: The compound was positively identified; however, the associated numerical value is an estimated concentration only.
   UJ: The compound was analyzed for but not detected. The associated value is the estimated compound detection limit.

0 150 300 Feet

Graphic Scale

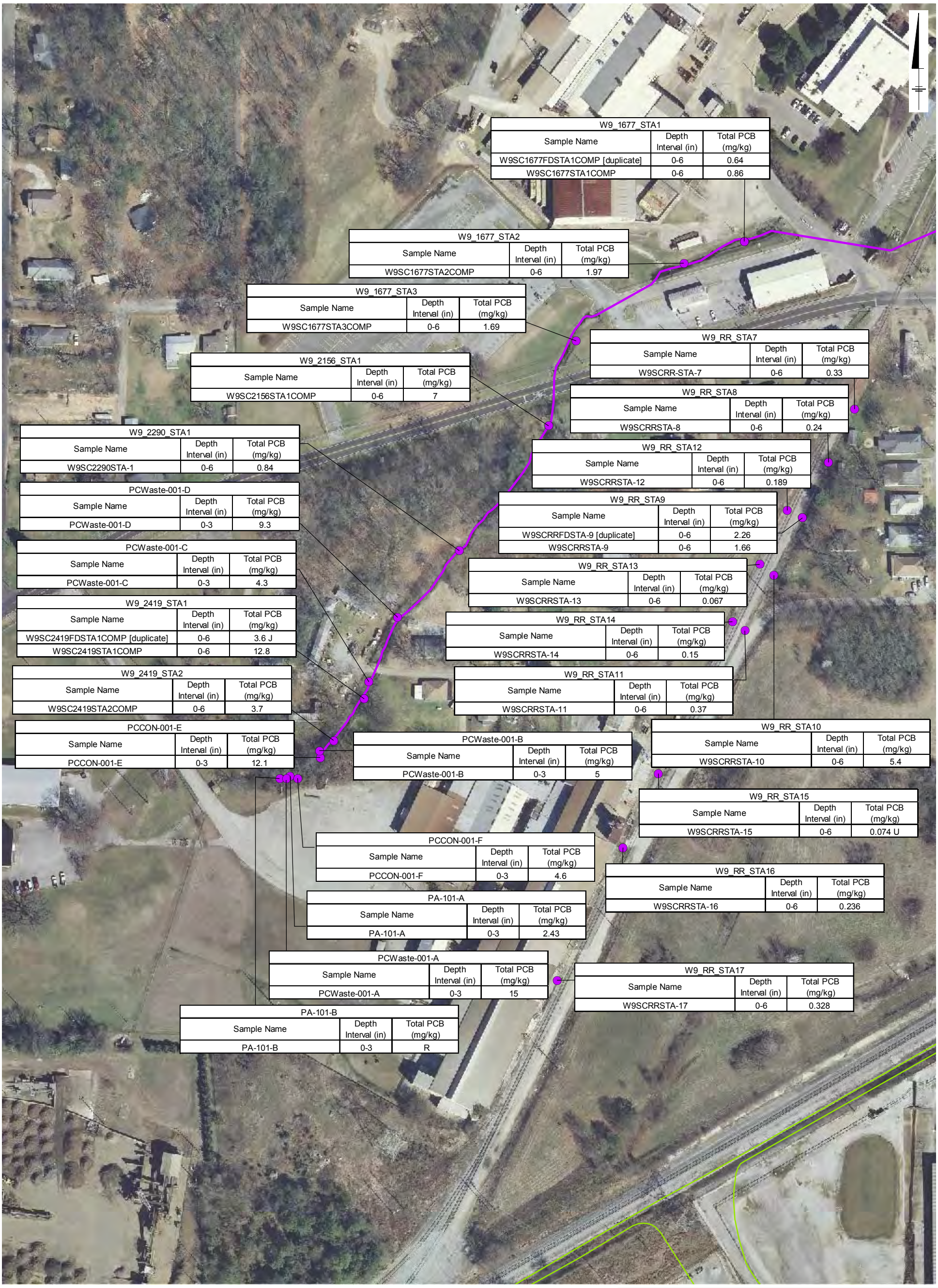
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and PCB Concentrations in OU-1/OU-2 Sediment

Solutia

Figure
5-39b



W9_1677_STA1		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SC1677FDSTA1COMP [duplicate]	0-6	0.64
W9SC1677STA1COMP	0-6	0.86

W9_1677_STA2		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SC1677STA2COMP	0-6	1.97

W9_1677_STA3		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SC1677STA3COMP	0-6	1.69

W9_2156_STA1		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SC2156STA1COMP	0-6	7

W9_RR_STA7		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SCRR-STA-7	0-6	0.33

W9_RR_STA8		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SCRRSTA-8	0-6	0.24

W9_RR_STA12		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SCRRSTA-12	0-6	0.189

W9_2290_STA1		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SC2290STA-1	0-6	0.84

W9_RR_STA9		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SCRRFDSTA-9 [duplicate]	0-6	2.26
W9SCRRSTA-9	0-6	1.66

PCWaste-001-D		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
PCWaste-001-D	0-3	9.3

W9_RR_STA13		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SCRRSTA-13	0-6	0.067

PCWaste-001-C		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
PCWaste-001-C	0-3	4.3

W9_RR_STA14		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SCRRSTA-14	0-6	0.15

W9_2419_STA1		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SC2419FDSTA1COMP [duplicate]	0-6	3.6 J
W9SC2419STA1COMP	0-6	12.8

W9_RR_STA11		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SCRRSTA-11	0-6	0.37

W9_2419_STA2		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SC2419STA2COMP	0-6	3.7

PCCON-001-E		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
PCCON-001-E	0-3	12.1

PCWaste-001-B		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
PCWaste-001-B	0-3	5

W9_RR_STA10		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SCRRSTA-10	0-6	5.4

W9_RR_STA15		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SCRRSTA-15	0-6	0.074 U

PCCON-001-F		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
PCCON-001-F	0-3	4.6

W9_RR_STA16		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SCRRSTA-16	0-6	0.236

PA-101-A		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
PA-101-A	0-3	2.43

PCWaste-001-A		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
PCWaste-001-A	0-3	15

W9_RR_STA17		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SCRRSTA-17	0-6	0.328

PA-101-B		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
PA-101-B	0-3	R

Legend

Sediment Sample Location
- West 9th St Ditch

Snow Creek Centerline
- West 9th Street Creek

OU-1/OU-2 Downgradient Floodplain

Notes:
1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   PCB: polychlorinated biphenyl

2. Aerial imagery provided by Calhoun County.

3. R: Sample results are rejected.
   U: The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

0 150 300 Feet

Graphic Scale

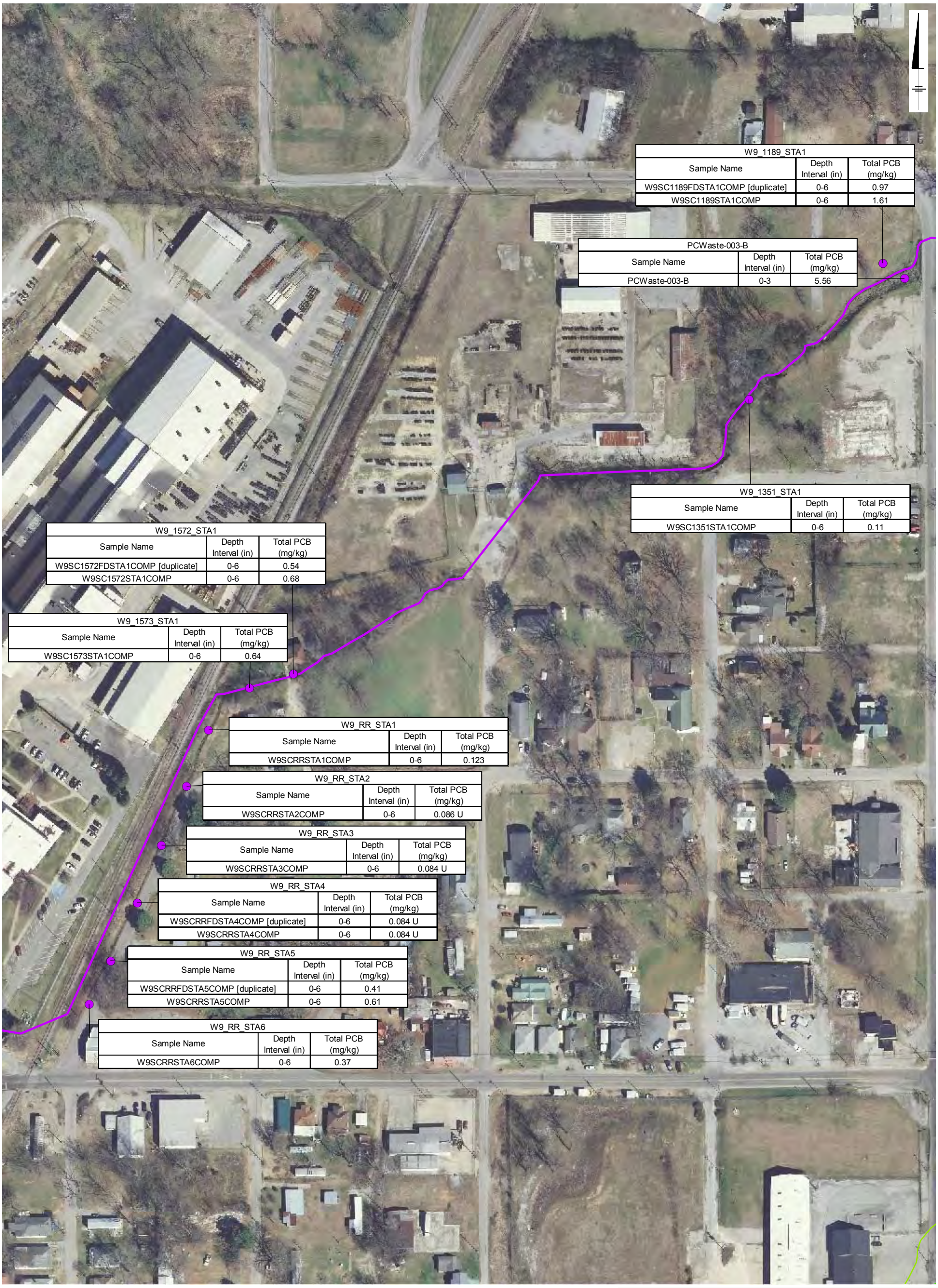
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and PCB Concentrations in OU-1/OU-2 Sediment

Solutia

Figure
5-39c



W9_1189_STA1		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SC1189FDSTA1COMP [duplicate]	0-6	0.97
W9SC1189STA1COMP	0-6	1.61

PCWaste-003-B		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
PCWaste-003-B	0-3	5.56

W9_1351_STA1		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SC1351STA1COMP	0-6	0.11

W9_1572_STA1		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SC1572FDSTA1COMP [duplicate]	0-6	0.54
W9SC1572STA1COMP	0-6	0.68

W9_1573_STA1		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SC1573STA1COMP	0-6	0.64

W9_RR_STA1		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SCRRSTA1COMP	0-6	0.123

W9_RR_STA2		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SCRRSTA2COMP	0-6	0.086 U

W9_RR_STA3		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SCRRSTA3COMP	0-6	0.084 U

W9_RR_STA4		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SCRRFDSTA4COMP [duplicate]	0-6	0.084 U
W9SCRRSTA4COMP	0-6	0.084 U

W9_RR_STA5		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SCRRFDSTA5COMP [duplicate]	0-6	0.41
W9SCRRSTA5COMP	0-6	0.61

W9_RR_STA6		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SCRRSTA6COMP	0-6	0.37

Legend

Sediment Sample Location

West 9th St Ditch

Snow Creek Centerline

West 9th Street Creek

OU-1/OU-2 Downgradient Floodplain

Notes:

1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   PCB: polychlorinated biphenyl

2. Aerial imagery provided by Calhoun County.

3. U: The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

0 150 300 Feet

Graphic Scale

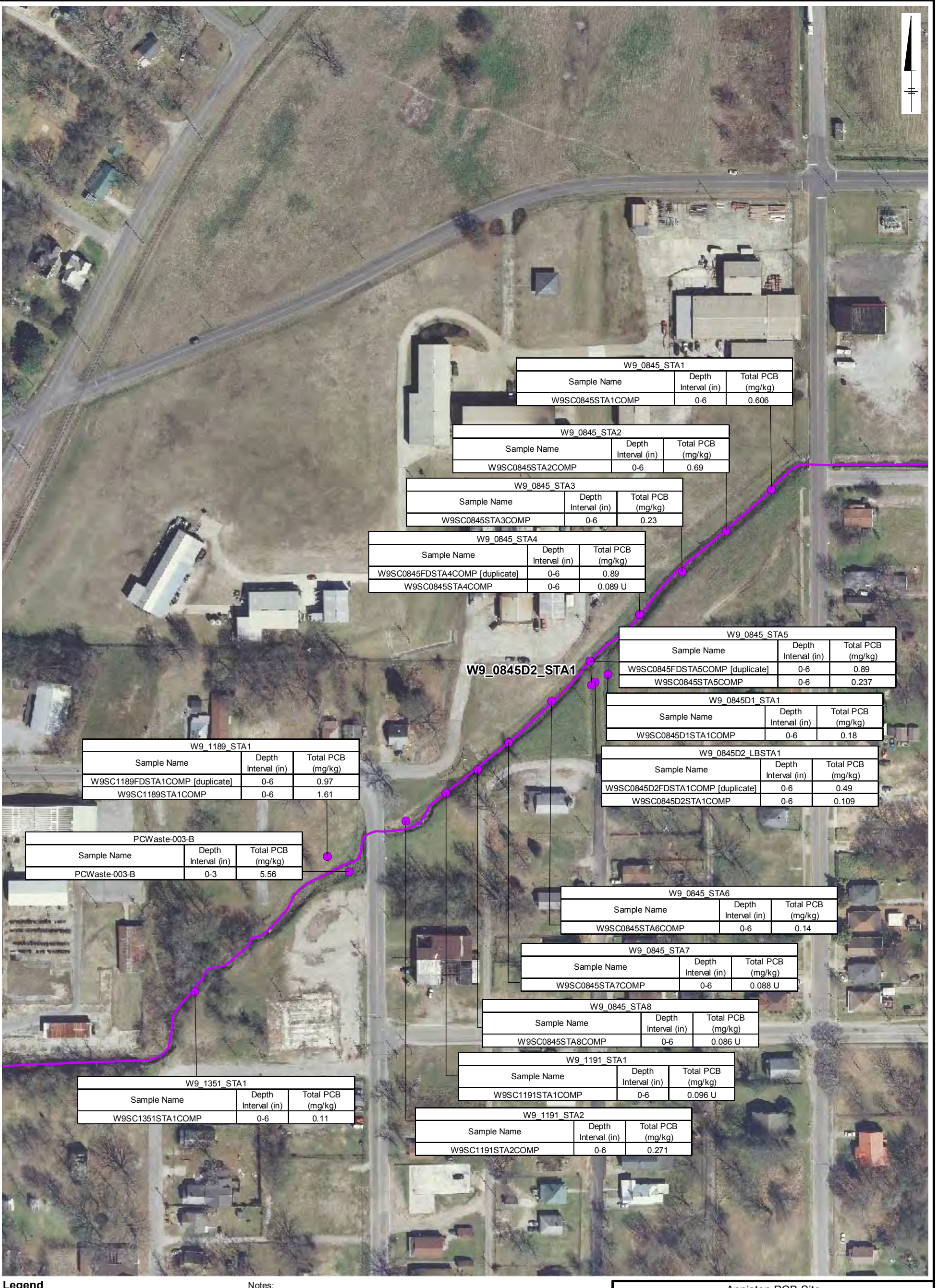
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and PCB Concentrations in OU-1/OU-2 Sediment

Solutia

Figure
5-39d



Legend

Sediment Sample Location

West 9th St Ditch

Snow Creek Centerline

West 9th Street Creek

Notes:

1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   PCB: polychlorinated biphenyl

2. Aerial imagery provided by Calhoun County.

3. U: The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

0 150 300 Feet

Graphic Scale

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and PCB Concentrations in OU-1/OU-2 Sediment

Solutia

Figure
5-39e

S-016-SED-1		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10012	0-2	0.083 U
S10013	2-7	0.077 U

S-016-SED-2		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10014	0-2	0.082 U
S10015	2-8	0.079 U

S-016-SED-3		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10016	0-2	0.043 J
S10017	2-7	0.079 U

S-016-SED-4		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10018	0-2	0.239 J
S10019	2-6.5	0.078 U

PCWaste-005		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
PCWaste-005	0-3	0.14

S-014-SED-1		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10001	0-2	0.399 J
S10002	2-8	0.081 U

S-014-SED-2		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10003	0-2	0.414
S10004	2-8	0.45 J
S10005	8-15	0.064 J

S-014-SED-3		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10006	0-2	0.24
S10007	2-9	0.11 J
S10008	9-14	0.082 U

S-014-SED-4		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10009	0-2	0.97
S10010	2-4	0.14
S10011	4-15	0.082 U

W9_0631_STA1		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SC0631STA1COMP	0-6	0.972

W9_0631_STA2		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
W9SC0631STA2COMP	0-6	0.827

Legend

Sediment Sample Location
- Snow Creek Upstream of OU-1/OU-2
- West 9th St Ditch

Snow Creek Centerline
- West 9th Street Creek
- Snow Creek
- OU-1/OU-2 Downgradient Floodplain

Notes:
1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   PCB: polychlorinated biphenyl

2. Aerial imagery provided by Calhoun County.

3. J: The compound was positively identified; however, the associated numerical value is an estimated concentration only.
   U: The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

0 150 300 Feet

Graphic Scale

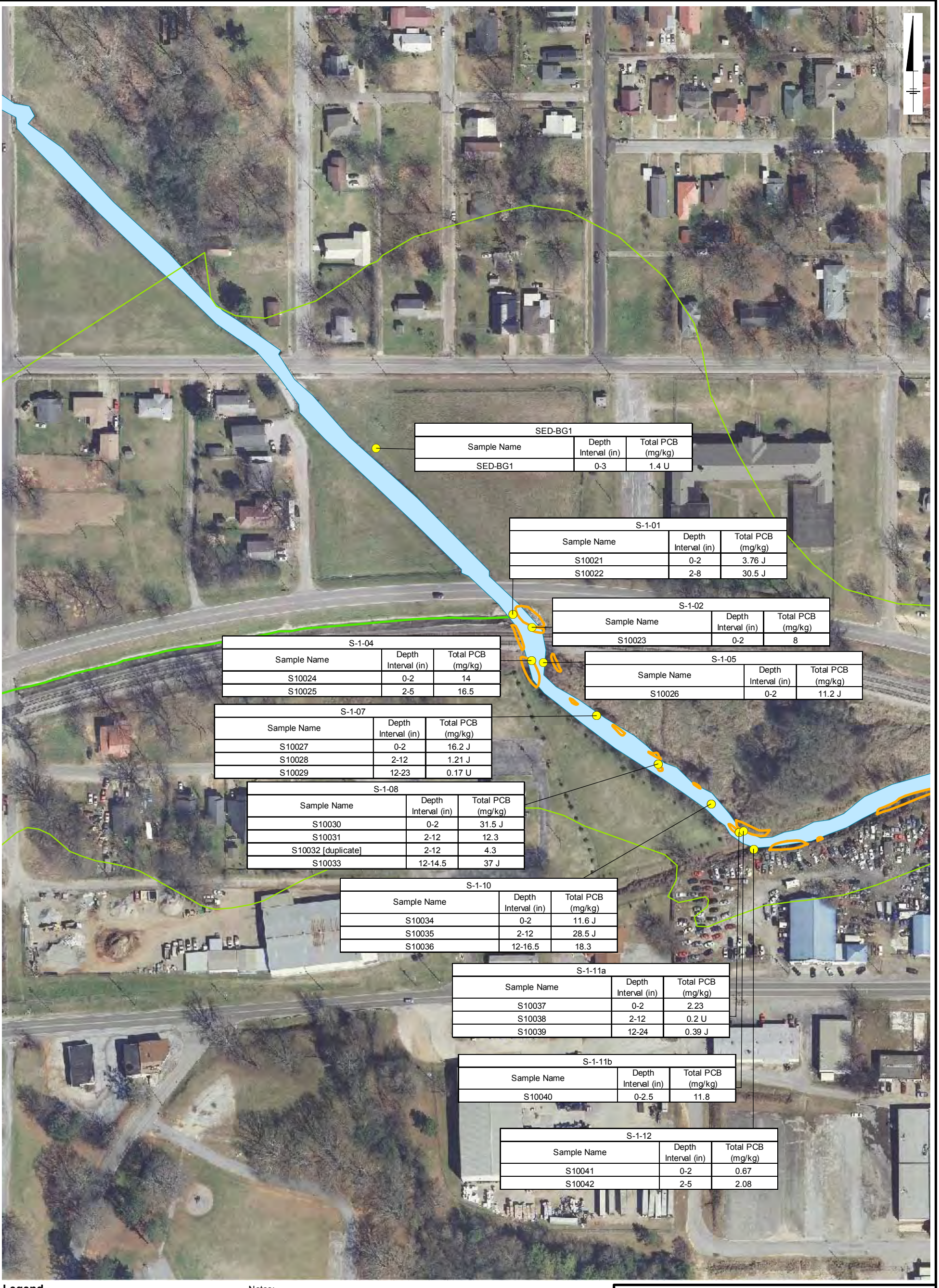
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and PCB Concentrations in OU-1/OU-2 Sediment

Solutia

Figure
5-39f



SED-BG1		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
SED-BG1	0-3	1.4 U

S-1-01		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10021	0-2	3.76 J
S10022	2-8	30.5 J

S-1-02		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10023	0-2	8

S-1-04		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10024	0-2	14
S10025	2-5	16.5

S-1-05		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10026	0-2	11.2 J

S-1-07		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10027	0-2	16.2 J
S10028	2-12	1.21 J
S10029	12-23	0.17 U

S-1-08		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10030	0-2	31.5 J
S10031	2-12	12.3
S10032 [duplicate]	2-12	4.3
S10033	12-14.5	37 J

S-1-10		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10034	0-2	11.6 J
S10035	2-12	28.5 J
S10036	12-16.5	18.3

S-1-11a		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10037	0-2	2.23
S10038	2-12	0.2 U
S10039	12-24	0.39 J

S-1-11b		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10040	0-2.5	11.8

S-1-12		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10041	0-2	0.67
S10042	2-5	2.08

Legend

Sediment Sample Location
- Snow Creek inside OU-1/OU-2

Snow Creek Centerline
- 11th Street Ditch
- Snow Creek
- OU-1/OU-2 Downgradient Floodplain
- Sediment Deposit

Notes:
1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   PCB: polychlorinated biphenyl

2. Aerial imagery provided by Calhoun County.

3. J: The compound was positively identified; however, the associated numerical value is an estimated concentration only.
   U: The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

0 150 300 Feet

Graphic Scale

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and PCB Concentrations in OU-1/OU-2 Sediment

Solutia

Figure
5-39g

S-1-16		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10043	0-2	28
S10044	2-5	31.5

SED-A09		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
SED-A9	0-3	7.8

Legend

Sediment Sample Location
- Snow Creek inside OU-1/OU-2

Snow Creek

OU-1/OU-2 Downgradient Floodplain

Sediment Deposit

Notes:
1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   PCB: polychlorinated biphenyl

2. Aerial imagery provided by Calhoun County.

0 150 300 Feet

Graphic Scale

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and PCB Concentrations in OU-1/OU-2 Sediment

Solutia

Figure
5-39h

CP-C-9		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
CP-C-9-0-4"	0-4	2.04

S-2-02		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10045	0-3.5	18.9

SED-A10		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
SED-A10	0-3	6.9

CP-C-10		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
CP-C-10-0-2"	0-2	2.89
CP-C-10-2-6"	2-6	3.55
CP-C-10-6-12"	6-12	12.2 J

S-2-03a		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10046	0-3	3.82

CP-C-11		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
CP-C-11-0-2"	0-2	1.55
CP-C-11-2-6"	2-6	1.177
CP-C-11-6-12"	6-12	7.51

S-2-05		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10048	0-2	5.35
S10049	2-5	6.4

S-MED-1		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10134	0-8	60

S-2-06A		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10060	0-2	21.7
S10061	2-5	8.9

S-HIGH-1		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10135	0-18	4.22 J
S10137 [duplicate]	0-18	2.32 J

S-2-06B		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10053	0-2	12.8
S10054	2-12	11.4
S10055	12-20.5	34.3
S10131 [duplicate]	12-20.5	60

S-2-08		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10050	0-2	20.3
S10051	2-12	19.9
S10052	12-16	4

S-2-06C		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10056	0-2	30.1
S10057	2-12	13.9
S10058	12-24	23.2
S10059	24-27	15.3

SED-A11		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
SED-A11	0-3	15.6

PECON-011		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
PECON-011	0-3	4.29

PECON-012		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
PECON-012	0-3	8.46

Legend

Sediment Sample Location

Snow Creek inside OU-1/OU-2

Snow Creek

OU-1/OU-2 Downgradient Floodplain

Sediment Deposit

Notes:

1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   PCB: polychlorinated biphenyl

2. Aerial imagery provided by Calhoun County.

3. J: The compound was positively identified; however, the associated numerical value is an estimated concentration only.

0 150 300 Feet

Graphic Scale

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and PCB Concentrations in OU-1/OU-2 Sediment

Solutia

Figure
5-39i

S-3-01		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10064	0-2	3.32
S10065	2-8	4.8

SED-A12		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
SED-A12	0-3	3.9

S-2-16		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10062	0-2	4
S10063	2-4	3.33

S-3-05		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10069	0-2	1.38
S10070	2-10.5	2.13

S-3-02		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10066	0-2	8.1
S10067	2-12	10.7
S10068	12-15.5	16.8

S-3-07		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10071	0-2	0.66
S10072	2-8	0.76

Legend

Sediment Sample Location

- Snow Creek inside OU-1/OU-2
- Snow Creek
- OU-1/OU-2 Downgradient Floodplain
- Sediment Deposit

Notes:

1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.

0 150 300 Feet

Graphic Scale

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and PCB Concentrations in OU-1/OU-2 Sediment

Solutia

Figure
5-39j

S-4-02		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10073	0-2	1.09
S10074	2-4	0.576 J

Legend

Sediment Sample Location

- Snow Creek inside OU-1/OU-2
- Snow Creek
- OU-1/OU-2 Downgradient Floodplain
- Sediment Deposit

Notes:

1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. J: The compound was positively identified; however, the associated numerical value is an estimated concentration only.

0 150 300 Feet

Graphic Scale

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and PCB Concentrations in OU-1/OU-2 Sediment

Solutia

Figure
5-39k

S-5-01		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10075	0-3.5	0.65
S10076 [duplicate]	0-3.5	0.76

Legend

Sediment Sample Location

- Snow Creek inside OU-1/OU-2
- Snow Creek
- OU-1/OU-2 Downgradient Floodplain
- Sediment Deposit

Notes:

1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.

0 150 300 Feet

Graphic Scale

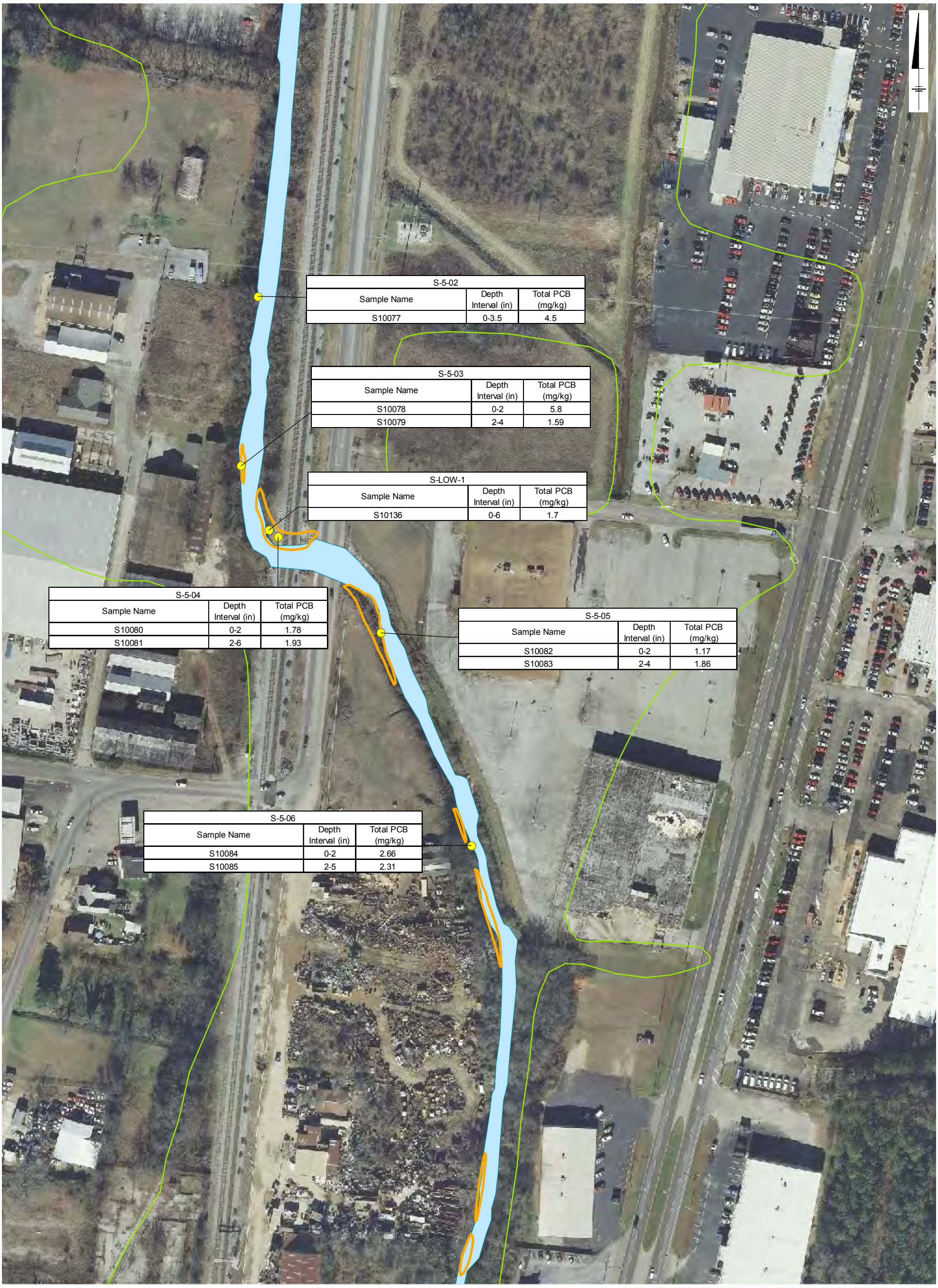
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and PCB Concentrations in OU-1/OU-2 Sediment

Solutia

Figure
5-39l



S-5-02		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10077	0-3.5	4.5

S-5-03		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10078	0-2	5.8
S10079	2-4	1.59

S-LOW-1		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10136	0-6	1.7

S-5-04		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10080	0-2	1.78
S10081	2-6	1.93

S-5-05		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10082	0-2	1.17
S10083	2-4	1.86

S-5-06		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10084	0-2	2.66
S10085	2-5	2.31

Legend

Sediment Sample Location

- Snow Creek inside OU-1/OU-2
- Snow Creek
- OU-1/OU-2 Downgradient Floodplain
- Sediment Deposit

Notes:

1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.

0 150 300 Feet

Graphic Scale

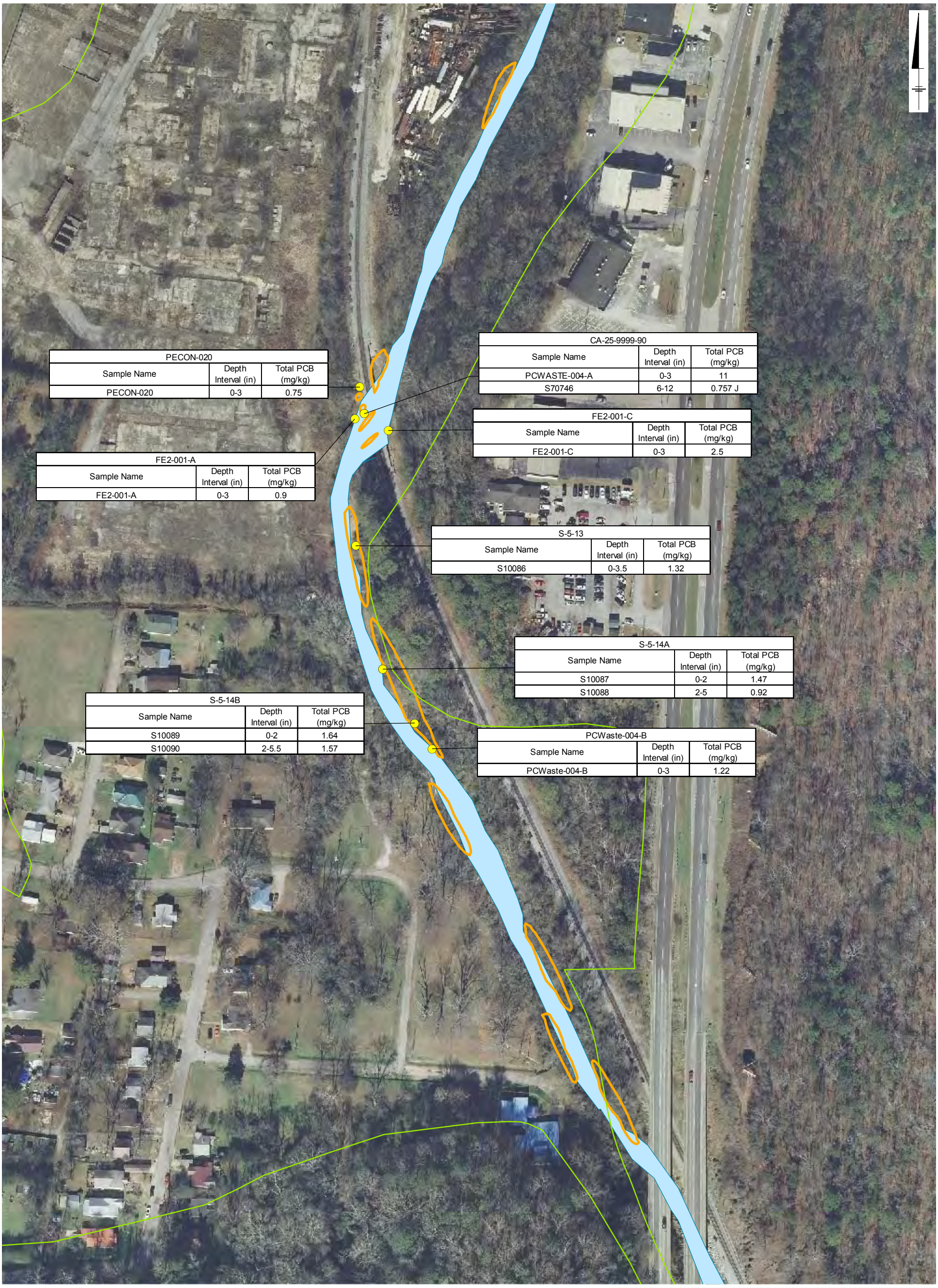
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and PCB Concentrations in OU-1/OU-2 Sediment

Solutia

Figure
5-39m



PECON-020		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
PECON-020	0-3	0.75

CA-25-9999-90		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
PCWASTE-004-A	0-3	11
S70746	6-12	0.757 J

FE2-001-C		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
FE2-001-C	0-3	2.5

FE2-001-A		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
FE2-001-A	0-3	0.9

S-5-13		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10086	0-3.5	1.32

S-5-14A		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10087	0-2	1.47
S10088	2-5	0.92

S-5-14B		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10089	0-2	1.64
S10090	2-5.5	1.57

PCWaste-004-B		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
PCWaste-004-B	0-3	1.22

Legend

Sediment Sample Location

- Snow Creek inside OU-1/OU-2
- Snow Creek
- OU-1/OU-2 Downgradient Floodplain
- Sediment Deposit

Notes:

1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   PCB: polychlorinated biphenyl
2. Aerial imagery provided by Calhoun County.
3. J: The compound was positively identified; however, the associated numerical value is an estimated concentration only.

0 150 300 Feet

Graphic Scale

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and PCB Concentrations in OU-1/OU-2 Sediment

Solutia

Figure
5-39n

S-5-24		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10091	0-2	1.15
S10092	2-12	1.22

Legend

Sediment Sample Location
- Snow Creek inside OU-1/OU-2

Snow Creek

OU-1/OU-2 Downgradient Floodplain

Sediment Deposit

Notes:
1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   PCB: polychlorinated biphenyl

2. Aerial imagery provided by Calhoun County.

0 150 300 Feet

Graphic Scale

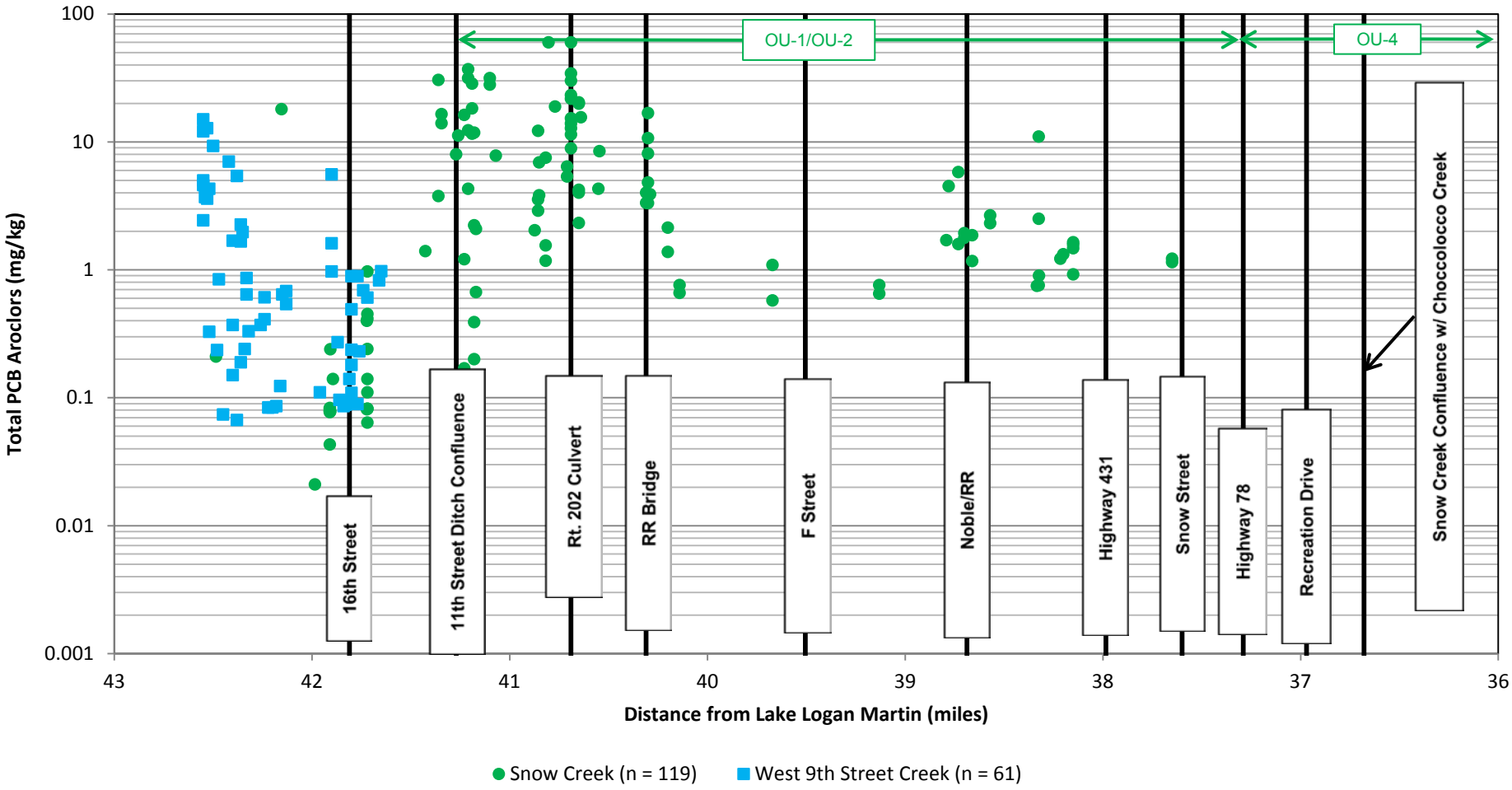
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and PCB Concentrations in OU-1/OU-2 Sediment

Solutia

Figure
5-39o



Notes:

1. Data include results from Snow Creek OU-1/OU-2 (n = 96) and Snow Creek upstream of 11th Street (n = 23).
2. Data include West 9th Street Creek Sediment Data (n = 61).
3. For total PCB Aroclor calculation, nondetects were given a value of zero; if all PCB Aroclors were nondetect, then the maximum individual reporting limit was utilized.

mg/kg: milligrams per kilogram
n: sample count
OU: operable unit
PCB: polychlorinated biphenyl
RR: railroad

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Total PCB Concentrations in Snow Creek Sediment with Distance from Lake Logan Martin

Solutia
Ingenuity Productivity Performance

FIGURE

5-40

Figure 5-41b
Figure 5-41f
Figure 5-41e
Figure 5-41c
Figure 5-41d
Figure 5-41g
Figure 5-41h
Figure 5-41i
Figure 5-41j

Legend

Sediment Sample Location
- Snow Creek Upstream of OU-1/OU-2
- Snow Creek inside OU-1/OU-2
- West 9th St Ditch

Snow Creek Centerline
- 11th Street Ditch
- West 9th Street Creek
- OU-1/OU-2 Downgradient Floodplain

- Snow Creek
- Sediment Deposit

0 1,750 3,500 Feet
Graphic Scale

Note:
1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and COC Concentrations in OU-1/OU-2 Sediment

Solutia

Figure
5-41a

PB-008B-09									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PB-008B-09	0-3	55	17		80		0.1 U		

PB-008C-07									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PB-008C-07	0-3	120	99		8.1		0.12 U		

PB-008C-TB02									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PB-008C-TB02	0-3	16	6.9		5.4		0.1 U		

Legend

Sediment Sample Location

Snow Creek Upstream of OU-1/OU-2

Snow Creek

Notes:

1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   COC: constituent of concern

2. Aerial imagery provided by Calhoun County.

3. U: The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

0 150 300 Feet

Graphic Scale

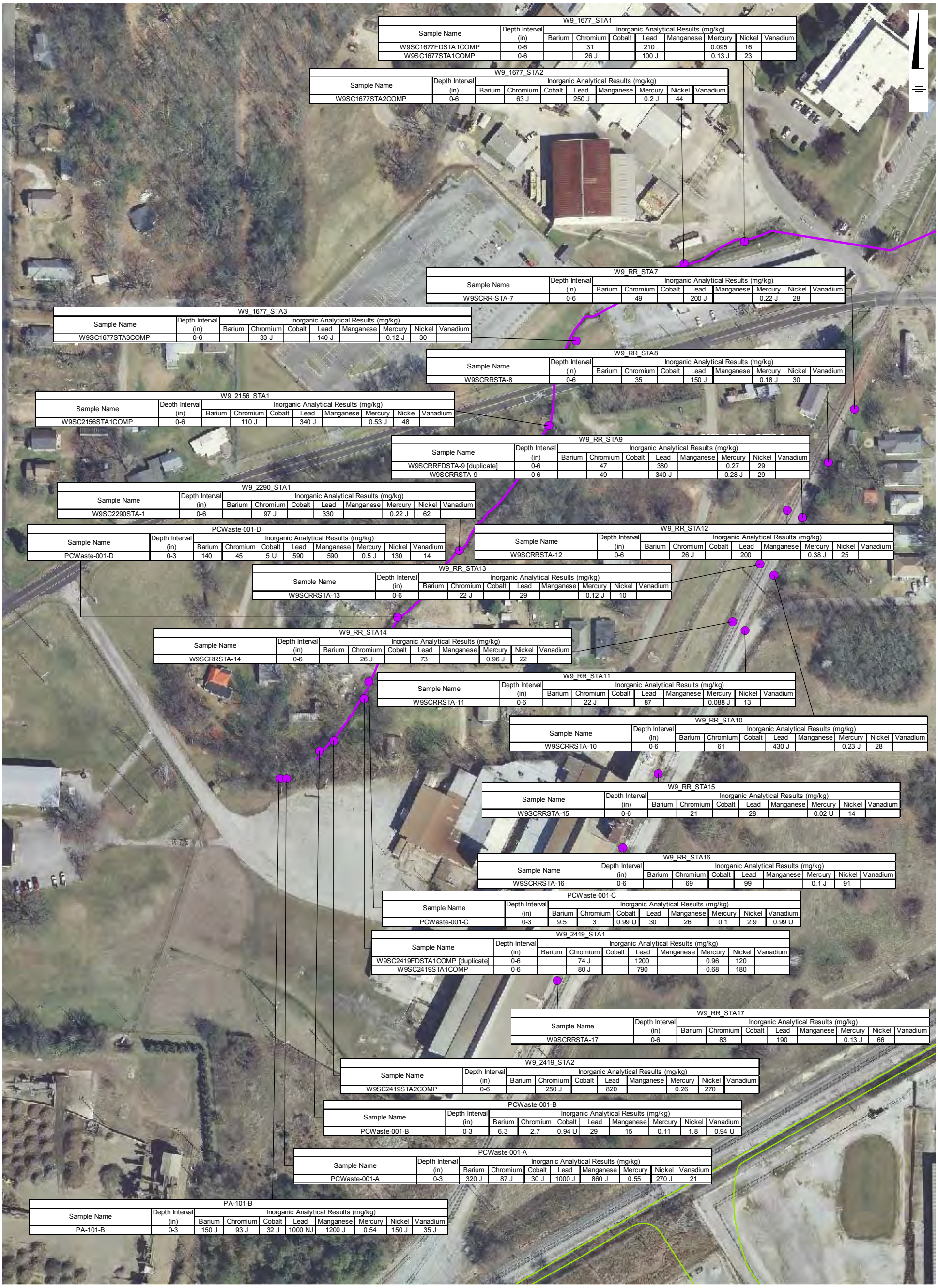
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and COC Concentrations in OU-1/OU-2 Sediment

Solutia

Figure
5-41b



W9_1677_STA1									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC1677FDSTA1COMP	0-6		31		210		0.095	16	
W9SC1677STA1COMP	0-6		26 J		100 J		0.13 J	23	

W9_1677_STA2									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC1677STA2COMP	0-6		63 J		250 J		0.2 J	44	

W9_RR_STA7									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SCRR-STA-7	0-6		49		200 J		0.22 J	28	

W9_1677_STA3									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC1677STA3COMP	0-6		33 J		140 J		0.12 J	30	

W9_RR_STA8									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SCRRSTA-8	0-6		35		150 J		0.18 J	30	

W9_2156_STA1									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC2156STA1COMP	0-6		110 J		340 J		0.53 J	48	

W9_RR_STA9									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SCRRFDSTA-9 [duplicate]	0-6		47		380		0.27	29	
W9SCRRSTA-9	0-6		49		340 J		0.28 J	29	

W9_2290_STA1									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC2290STA-1	0-6		97 J		330		0.22 J	62	

PCWaste-001-D									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PCWaste-001-D	0-3	140	45	5 U	590	590	0.5 J	130	14

W9_RR_STA12									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SCRRSTA-12	0-6		26 J		200		0.38 J	25	

W9_RR_STA13									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SCRRSTA-13	0-6		22 J		29		0.12 J	10	

W9_RR_STA14									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SCRRSTA-14	0-6		26 J		73		0.96 J	22	

W9_RR_STA11									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SCRRSTA-11	0-6		22 J		87		0.088 J	13	

W9_RR_STA10									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SCRRSTA-10	0-6		61		430 J		0.23 J	28	

W9_RR_STA15									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SCRRSTA-15	0-6		21		28		0.02 U	14	

W9_RR_STA16									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SCRRSTA-16	0-6		69		99		0.1 J	91	

PCWaste-001-C									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PCWaste-001-C	0-3	9.5	3	0.99 U	30	26	0.1	2.9	0.99 U

W9_2419_STA1									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC2419FDSTA1COMP [duplicate]	0-6		74 J		1200		0.96	120	
W9SC2419STA1COMP	0-6		80 J		790		0.68	180	

W9_RR_STA17									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SCRRSTA-17	0-6		83		190		0.13 J	66	

W9_2419_STA2									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC2419STA2COMP	0-6		250 J		820		0.26	270	

PCWaste-001-B									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PCWaste-001-B	0-3	6.3	2.7	0.94 U	29	15	0.11	1.8	0.94 U

PCWaste-001-A									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PCWaste-001-A	0-3	320 J	87 J	30 J	1000 J	860 J	0.55	270 J	21

PA-101-B									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PA-101-B	0-3	150 J	93 J	32 J	1000 NJ	1200 J	0.54	150 J	35 J

Legend

Sediment Sample Location
- West 9th St Ditch

Snow Creek Centerline
- West 9th Street Creek

OU-1/OU-2 Downgradient Floodplain

Notes:
1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   COC: constituent of concern

2. Aerial imagery provided by Calhoun County.

3. J: The compound was positively identified; however, the associated numerical value is an estimated concentration only.
   JN: The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
   U: The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

0 150 300 Feet

Graphic Scale

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and COC Concentrations in OU-1/OU-2 Sediment

Solutia

Figure
5-41c

W9_1189_STA1

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC1189FDSTA1COMP [duplicate]	0-6		40		310		0.25	39	
W9SC1189STA1COMP	0-6		22 J		130		0.13	17	

PCWaste-003-B

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PCWaste-003-B	0-3	92	30	4.4	290	380	0.93	35	17

W9_1351_STA1

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC1351STA1COMP	0-6		26 J		320		0.25	14	

W9_1572_STA1

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC1572FDSTA1COMP [duplicate]	0-6		20		300		0.4	12	
W9SC1572STA1COMP	0-6		26 J		110		0.2	23	

W9_1573_STA1

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC1573STA1COMP	0-6		39		280		0.095 J	38	

W9_RR_STA1

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SCRRSTA1COMP	0-6		14		41		0.056 J	9.4	

W9_RR_STA2

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SCRRSTA2COMP	0-6		19		42		0.089 J	7.3	

W9_RR_STA3

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SCRRSTA3COMP	0-6		18		13		0.082 J	5 U	

W9_RR_STA4

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SCRRFDSTA4COMP [duplicate]	0-6		16		28		0.2	6.6	
W9SCRRSTA4COMP	0-6		26 J		43 J		0.12 J	8	

W9_RR_STA5

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SCRRFDSTA5COMP [duplicate]	0-6		19		280		0.32	12	
W9SCRRSTA5COMP	0-6		18		160		0.22 J	8.1	

W9_RR_STA6

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SCRRSTA6COMP	0-6		21		160		0.13 J	11	

Legend

Sediment Sample Location
- West 9th St Ditch

Snow Creek Centerline
- 11th Street Ditch
- West 9th Street Creek

OU-1/OU-2 Downgradient Floodplain

0 150 300 Feet

Graphic Scale

Notes:
1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   COC: constituent of concern

2. Aerial imagery provided by Calhoun County.

3. J: The compound was positively identified; however, the associated numerical value is an estimated concentration only.
   U: The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

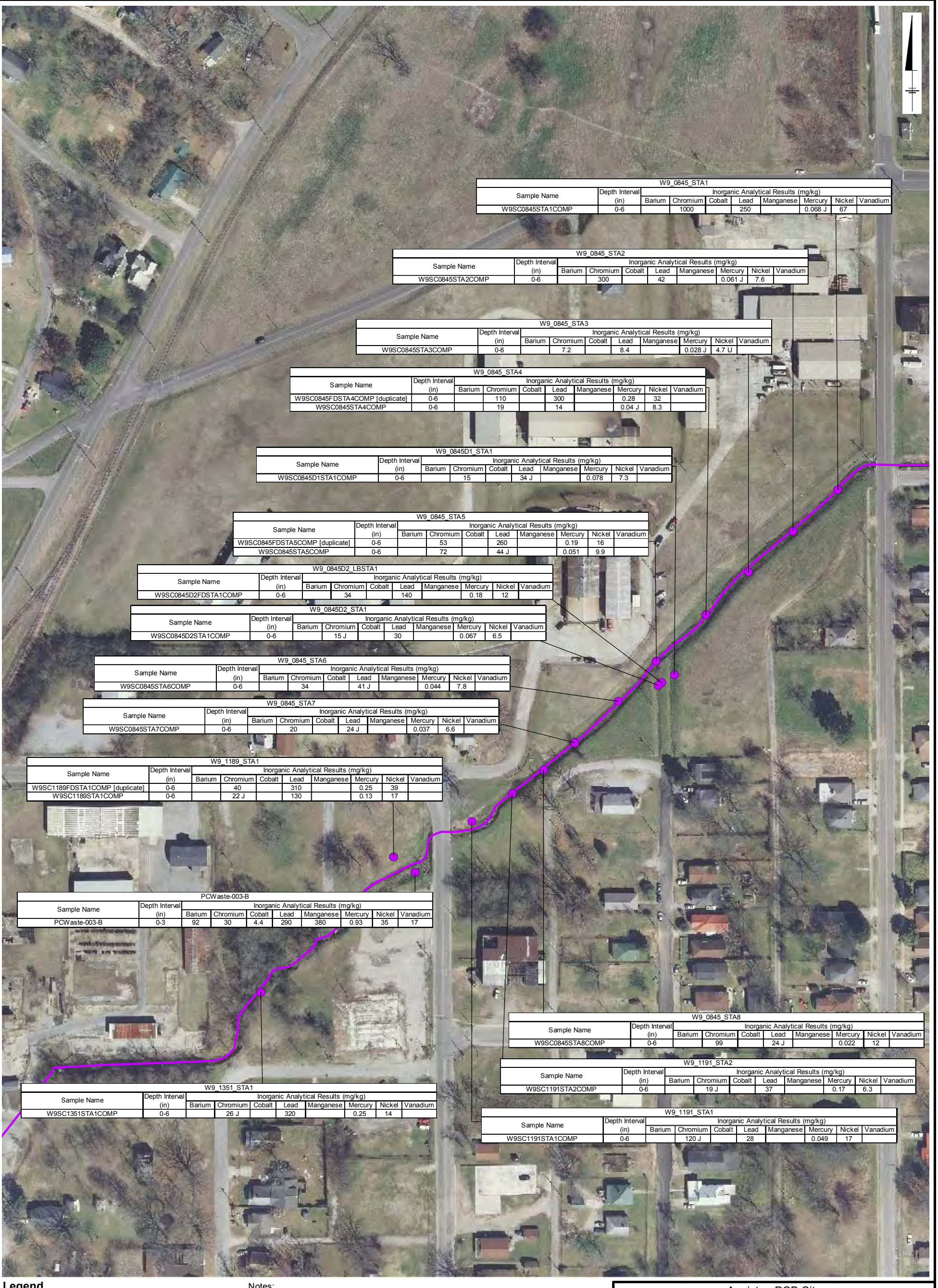
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and COC Concentrations in OU-1/OU-2 Sediment

Solutia

Figure
5-41d



W9_0845_STA1									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC0845STA1COMP	0-6		1000		250		0.068 J	67	

W9_0845_STA2									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC0845STA2COMP	0-6		300		42		0.061 J	7.6	

W9_0845_STA3									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC0845STA3COMP	0-6		7.2		8.4		0.028 J	4.7 U	

W9_0845_STA4									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC0845FDSTA4COMP [duplicate]	0-6		110		300		0.28	32	
W9SC0845STA4COMP	0-6		19		14		0.04 J	8.3	

W9_0845D1_STA1									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC0845D1STA1COMP	0-6		15		34 J		0.078	7.3	

W9_0845_STA5									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC0845FDSTA5COMP [duplicate]	0-6		53		260		0.19	16	
W9SC0845STA5COMP	0-6		72		44 J		0.051	9.9	

W9_0845D2_LBSTA1									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC0845D2FDSTA1COMP	0-6		34		140		0.18	12	

W9_0845D2_STA1									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC0845D2STA1COMP	0-6		15 J		30		0.067	6.5	

W9_0845_STA6									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC0845STA6COMP	0-6		34		41 J		0.044	7.8	

W9_0845_STA7									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC0845STA7COMP	0-6		20		24 J		0.037	6.6	

W9_1189_STA1									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC1189FDSTA1COMP [duplicate]	0-6		40		310		0.25	39	
W9SC1189STA1COMP	0-6		22 J		130		0.13	17	

PCWaste-003-B									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PCWaste-003-B	0-3	92	30	4.4	290	380	0.93	35	17

W9_0845_STA8									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC0845STA8COMP	0-6		99		24 J		0.022	12	

W9_1191_STA2									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC1191STA2COMP	0-6		19 J		37		0.17	6.3	

W9_1191_STA1									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC1191STA1COMP	0-6		120 J		28		0.049	17	

W9_1351_STA1									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC1351STA1COMP	0-6		26 J		320		0.25	14	

Legend

Sediment Sample Location

West 9th St Ditch

Snow Creek Centerline

West 9th Street Creek

Notes:

1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   COC: constituent of concern

2. Aerial imagery provided by Calhoun County.

3. J: The compound was positively identified; however, the associated numerical value is an estimated concentration only.
   U: The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

0 150 300 Feet

Graphic Scale

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and COC Concentrations in OU-1/OU-2 Sediment

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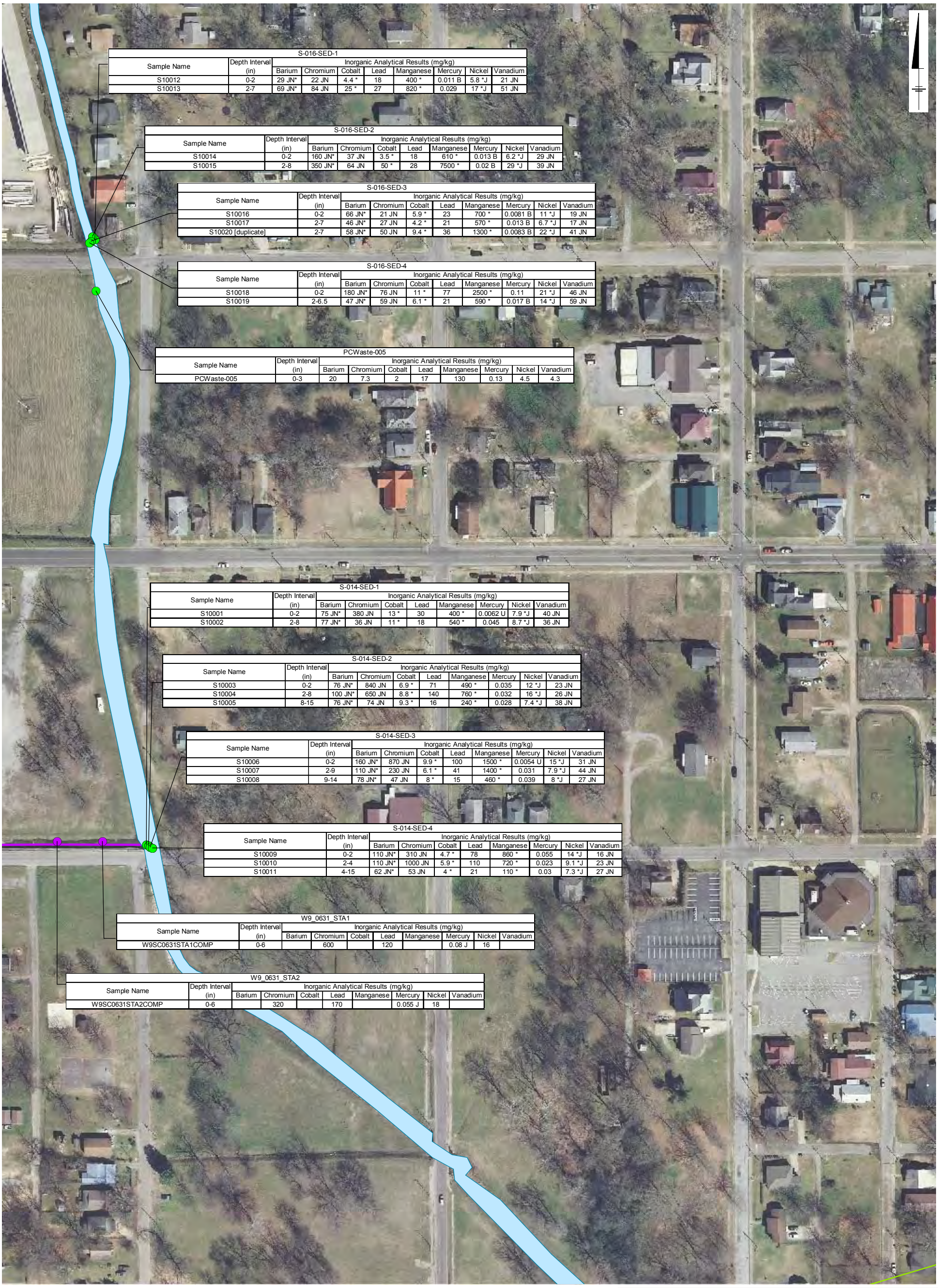
Figure
5-41e



S-016-SED-1

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10012	0-2	29 JN*	22 JN	4.4 *	18	400 *	0.011 B	5.8 *J	21 JN
S10013	2-7	69 JN*	84 JN	25 *	27	820 *	0.029	17 *J	51 JN

S-016-SED-2

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10014	0-2	160 JN*	37 JN	3.5 *	18	610 *	0.013 B	6.2 *J	29 JN
S10015	2-8	350 JN*	64 JN	50 *	28	7500 *	0.02 B	29 *J	39 JN

S-016-SED-3

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10016	0-2	66 JN*	21 JN	5.9 *	23	700 *	0.0081 B	11 *J	19 JN
S10017	2-7	46 JN*	27 JN	4.2 *	21	570 *	0.013 B	6.7 *J	17 JN
S10020 [duplicate]	2-7	58 JN*	50 JN	9.4 *	36	1300 *	0.0083 B	22 *J	41 JN

S-016-SED-4

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10018	0-2	180 JN*	76 JN	11 *	77	2500 *	0.11	21 *J	46 JN
S10019	2-6.5	47 JN*	59 JN	6.1 *	21	590 *	0.017 B	14 *J	59 JN

PCWaste-005

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PCWaste-005	0-3	20	7.3	2	17	130	0.13	4.5	4.3

S-014-SED-1

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10001	0-2	75 JN*	380 JN	13 *	30	400 *	0.0062 U	7.9 *J	40 JN
S10002	2-8	77 JN*	36 JN	11 *	18	540 *	0.045	8.7 *J	36 JN

S-014-SED-2

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10003	0-2	76 JN*	840 JN	6.9 *	71	490 *	0.035	12 *J	23 JN
S10004	2-8	100 JN*	650 JN	8.8 *	140	760 *	0.032	16 *J	26 JN
S10005	8-15	76 JN*	74 JN	9.3 *	16	240 *	0.028	7.4 *J	38 JN

S-014-SED-3

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10006	0-2	160 JN*	870 JN	9.9 *	100	1500 *	0.0054 U	15 *J	31 JN
S10007	2-9	110 JN*	230 JN	6.1 *	41	1400 *	0.031	7.9 *J	44 JN
S10008	9-14	78 JN*	47 JN	8 *	15	460 *	0.039	8 *J	27 JN

S-014-SED-4

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10009	0-2	110 JN*	310 JN	4.7 *	78	860 *	0.055	14 *J	16 JN
S10010	2-4	110 JN*	1000 JN	5.9 *	110	720 *	0.023	9.1 *J	23 JN
S10011	4-15	62 JN*	53 JN	4 *	21	110 *	0.03	7.3 *J	27 JN

W9_0631_STA1

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC0631STA1COMP	0-6		600		120		0.08 J	16	

W9_0631_STA2

Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
W9SC0631STA2COMP	0-6		320		170		0.055 J	18	

Legend

Sediment Sample Location
- Snow Creek Upstream of OU-1/OU-2
- West 9th St Ditch

Snow Creek Centerline
- West 9th Street Creek
- Snow Creek
- OU-1/OU-2 Downgradient Floodplain

0 150 300 Feet

Graphic Scale

Notes:
1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   COC: constituent of concern

2. Aerial imagery provided by Calhoun County.

3. J: The compound was positively identified; however, the associated numerical value is an estimated concentration only.
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   *: Laboratory duplicate analysis was outside control limits.

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and COC Concentrations in OU-1/OU-2 Sediment

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Figure
5-41f

S-1-01									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10021	0-2	190	670	12	57	1400	0.013 U	18	64
S10022	2-8	410	260 JN*	26	150 JN	2400 *	8.6 J	34	46

S-1-04									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10024	0-2	190	280	18	72	1100	0.26 N	27	54
S10025	2-5	110	90 JN*	19	120 JN	860 *	1.3 J	24	61

Legend

Sediment Sample Location
- Snow Creek inside OU-1/OU-2

Snow Creek Centerline
- 11th Street Ditch
- Snow Creek
- OU-1/OU-2 Downgradient Floodplain
- Sediment Deposit

0 150 300 Feet

Graphic Scale

Notes:
1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   COC: constituent of concern

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   *: Laboratory duplicate analysis was outside control limits.

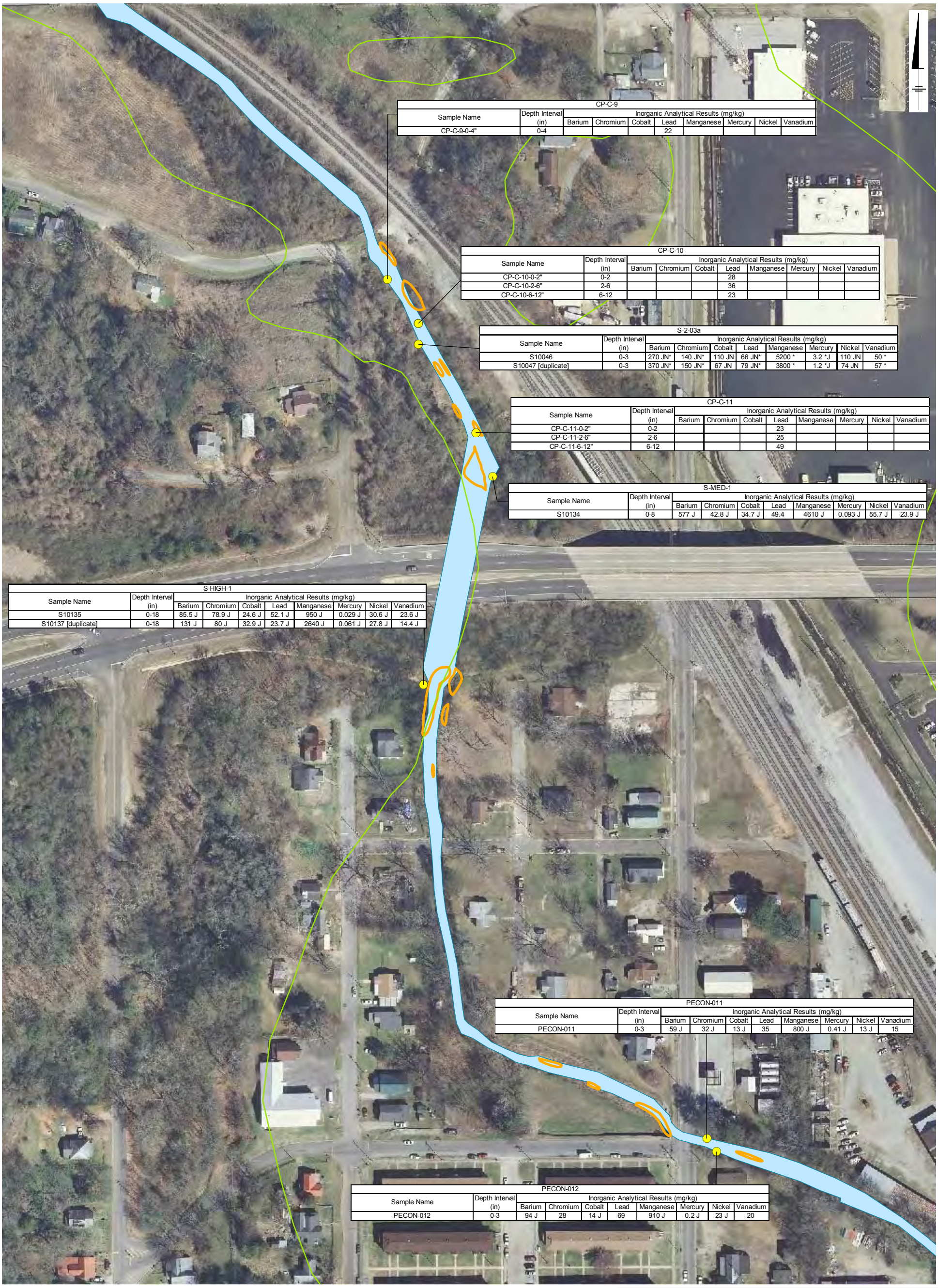
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and COC Concentrations in OU-1/OU-2 Sediment

Solutia

Figure
5-41g



CP-C-9									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
CP-C-9-0-4"	0-4				22				

CP-C-10									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
CP-C-10-0-2"	0-2				28				
CP-C-10-2-6"	2-6				36				
CP-C-10-6-12"	6-12				23				

S-2-03a									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10046	0-3	270 JN*	140 JN*	110 JN	66 JN*	5200 *	3.2 *J	110 JN	50 *
S10047 [duplicate]	0-3	370 JN*	150 JN*	67 JN	79 JN*	3800 *	1.2 *J	74 JN	57 *

CP-C-11									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
CP-C-11-0-2"	0-2				23				
CP-C-11-2-6"	2-6				25				
CP-C-11-6-12"	6-12				49				

S-MED-1									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10134	0-8	577 J	42.8 J	34.7 J	49.4	4610 J	0.093 J	55.7 J	23.9 J

S-HIGH-1									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10135	0-18	85.5 J	78.9 J	24.6 J	52.1 J	950 J	0.029 J	30.6 J	23.6 J
S10137 [duplicate]	0-18	131 J	80 J	32.9 J	23.7 J	2640 J	0.061 J	27.8 J	14.4 J

PECON-011									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PECON-011	0-3	59 J	32 J	13 J	35	800 J	0.41 J	13 J	15

PECON-012									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PECON-012	0-3	94 J	28	14 J	69	910 J	0.2 J	23 J	20

Legend

Sediment Sample Location

- Snow Creek inside OU-1/OU-2
- Snow Creek
- OU-1/OU-2 Downgradient Floodplain
- Sediment Deposit

Notes:

1. in: inches
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   OU: operable unit
   COC: constituent of concern

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   JN: The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
   *: Laboratory duplicate analysis was outside control limits.

0 150 300 Feet

Graphic Scale

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and COC Concentrations in OU-1/OU-2 Sediment

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Figure
5-41h

S-LOW-1									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10136	0-6	109 J	29.6 J	18.9 J	14.6 J	2150 J	0.049 J	11.7 J	19.7 J

Legend

Sediment Sample Location

- Snow Creek inside OU-1/OU-2
- Snow Creek
- OU-1/OU-2 Downgradient Floodplain
- Sediment Deposit

Notes:

1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   COC: constituent of concern
2. Aerial imagery provided by Calhoun County.
3. J: The compound was positively identified; however, the associated numerical value is an estimated concentration only.

0 150 300 Feet

Graphic Scale

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and COC Concentrations in OU-1/OU-2 Sediment

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Figure
5-41i

PECON-020									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PECON-020	0-3	160	150 J	7.1 UJ	510 J	2200	0.06 U	86 J	23

CA-25-9999-90									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PCWASTE-004-A	0-3	54	28	2	49	720	0.26	12	5.7

FE2-001-C									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
FE2-001-C	0-3	74	57	5.9	33 J	340	0.19	12	18

FE2-001-A									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
FE2-001-A	0-3	81	54	9.3	120 J	660	0.86	20	22

PCWaste-004-B									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PCWaste-004-B	0-3	52 J	48	7.7 J	23 J	540	0.19	13 J	12 J

Legend

Sediment Sample Location

Snow Creek inside OU-1/OU-2

Snow Creek

OU-1/OU-2 Downgradient Floodplain

Sediment Deposit

Notes:

1. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   COC: constituent of concern

2. Aerial imagery provided by Calhoun County.

3. J: The compound was positively identified; however, the associated numerical value is an estimated concentration only.
   U: The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
   UJ: The compound was analyzed for but not detected. The associated value is the estimated compound detection limit.

0 150 300 Feet

Graphic Scale

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and COC Concentrations in OU-1/OU-2 Sediment

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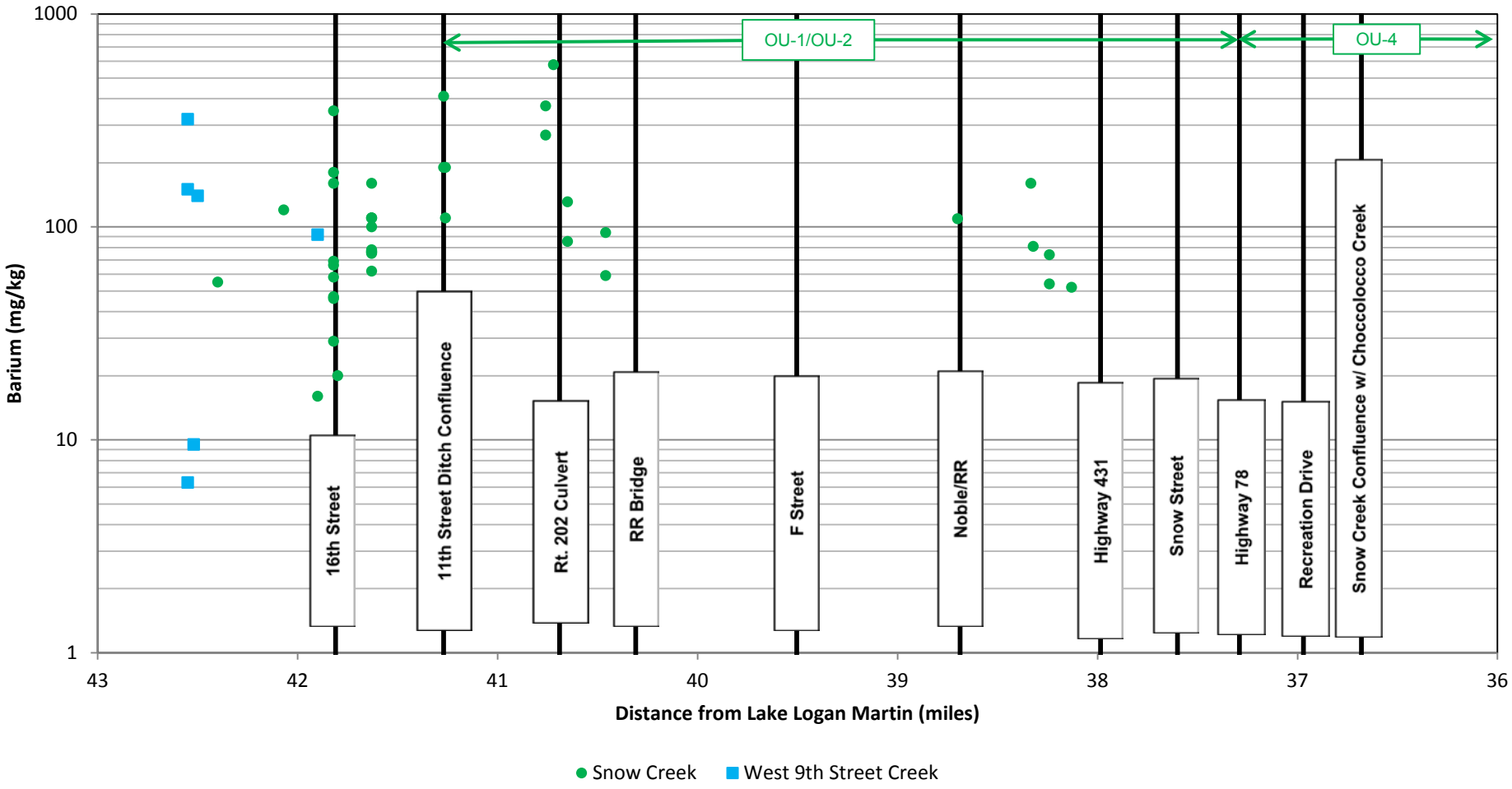
Figure
5-41j



Notes:
mg/kg: milligrams per kilogram
OU: operable unit
RR: railroad
Rt.: route

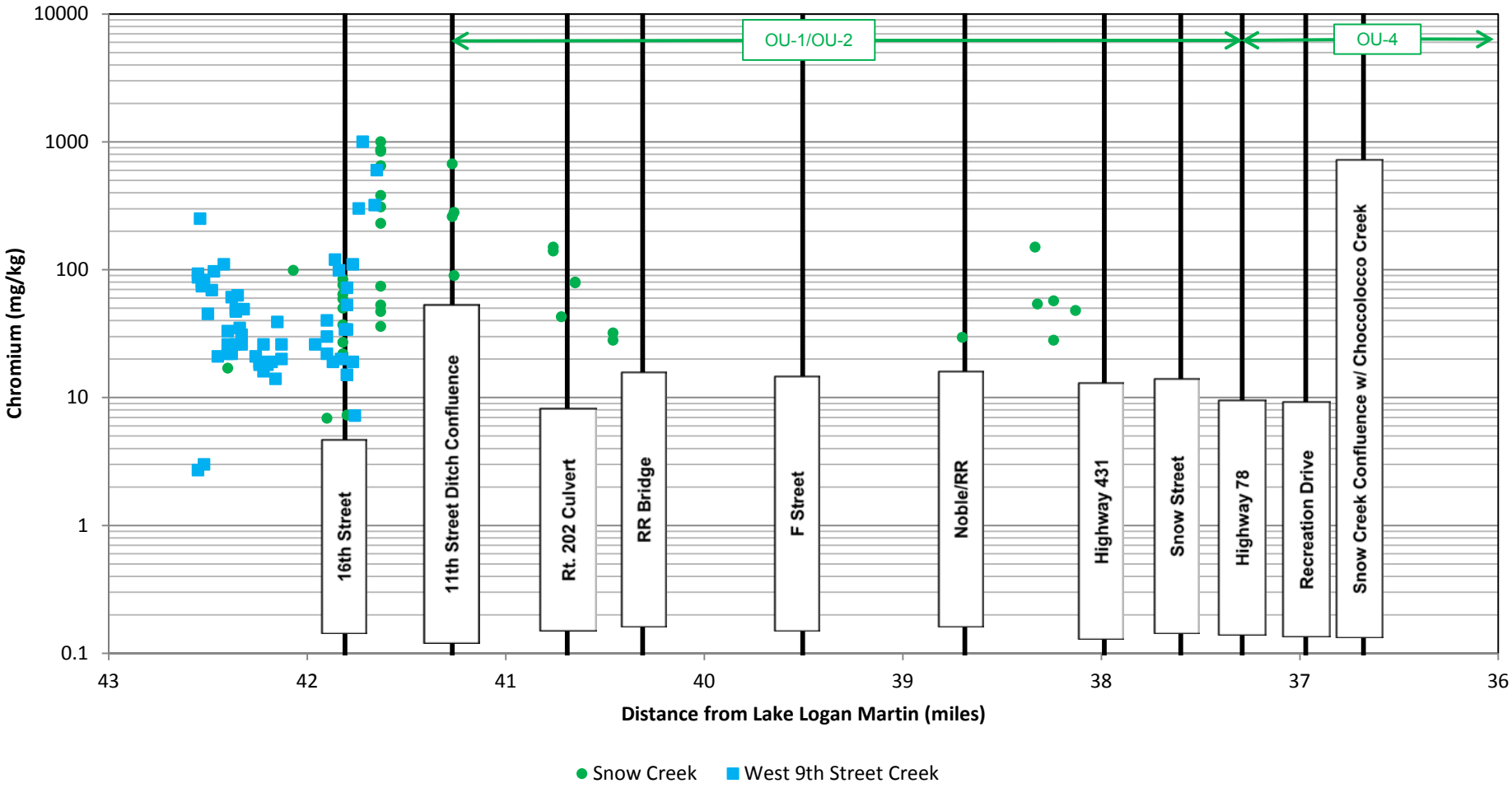
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Barium Concentrations in Snow Creek Sediment with Distance from Lake Logan Martin

Solutia
Ingenuity Productivity Performance

FIGURE
5-42



Notes:
mg/kg: milligrams per kilogram
OU: operable unit
RR: railroad
Rt.: route

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Chromium Concentrations in Snow Creek Sediment with Distance from Lake Logan Martin

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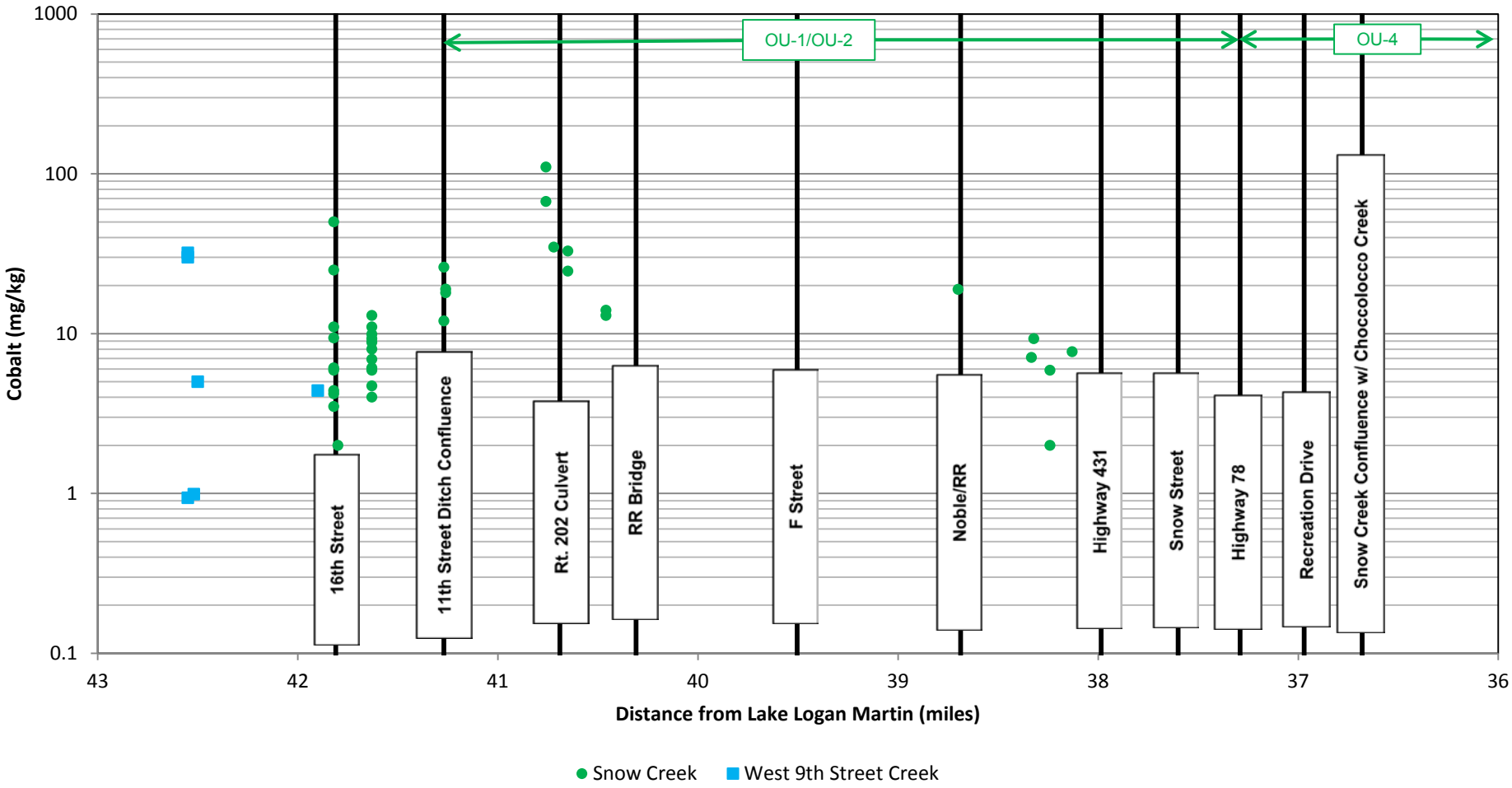
Ingenuity Productivity Performance

FIGURE
5-43



Notes:
mg/kg: milligrams per kilogram
OU: operable unit
RR: railroad
Rt.: route

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Cobalt Concentrations in Snow Creek Sediment with Distance from Lake Logan Martin

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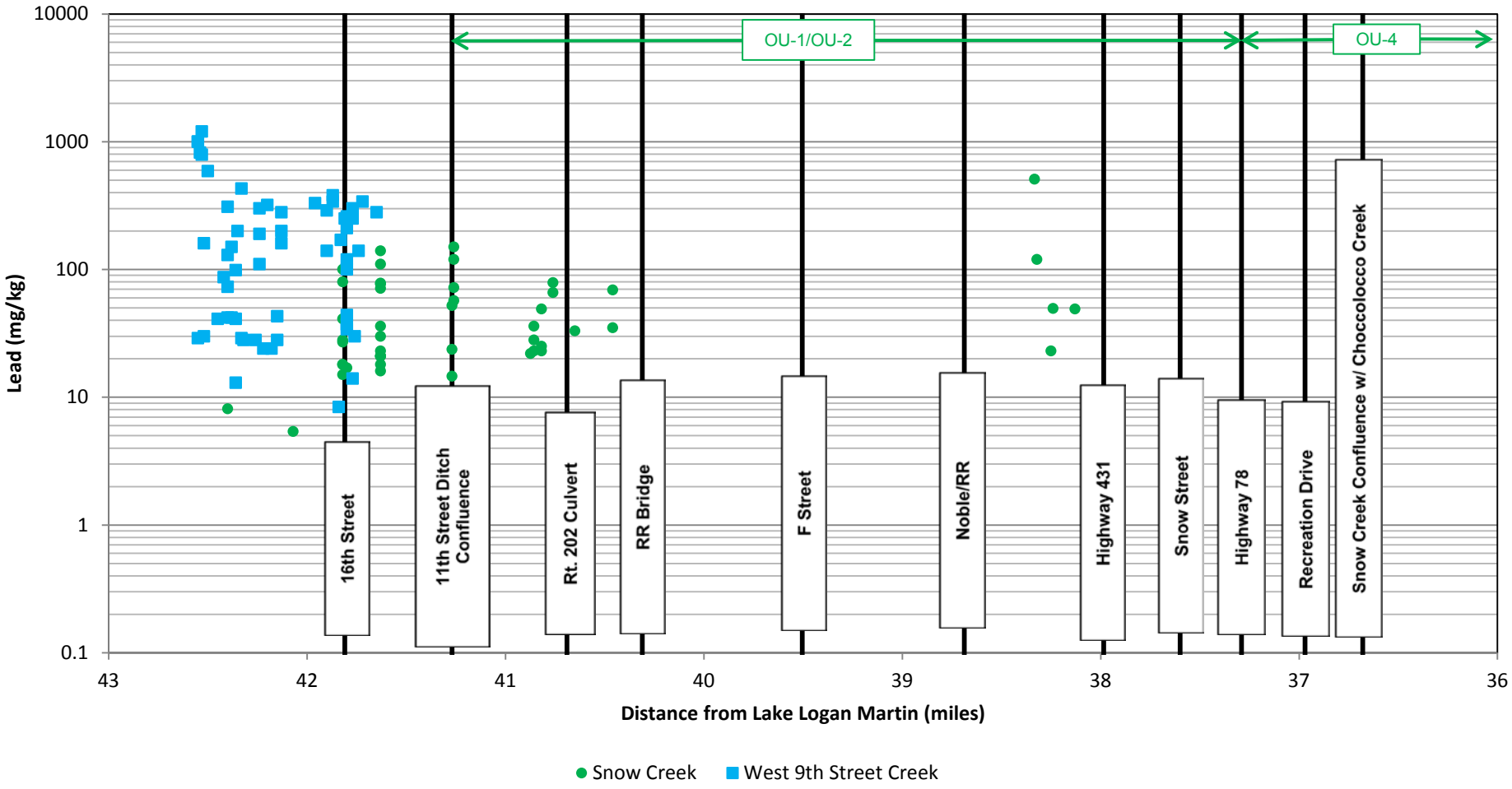
Ingenuity Productivity Performance

FIGURE
5-44



Notes:
mg/kg: milligrams per kilogram
OU: operable unit
RR: railroad
Rt.: route

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Lead Concentrations in Snow Creek Sediment with Distance from Lake Logan Martin

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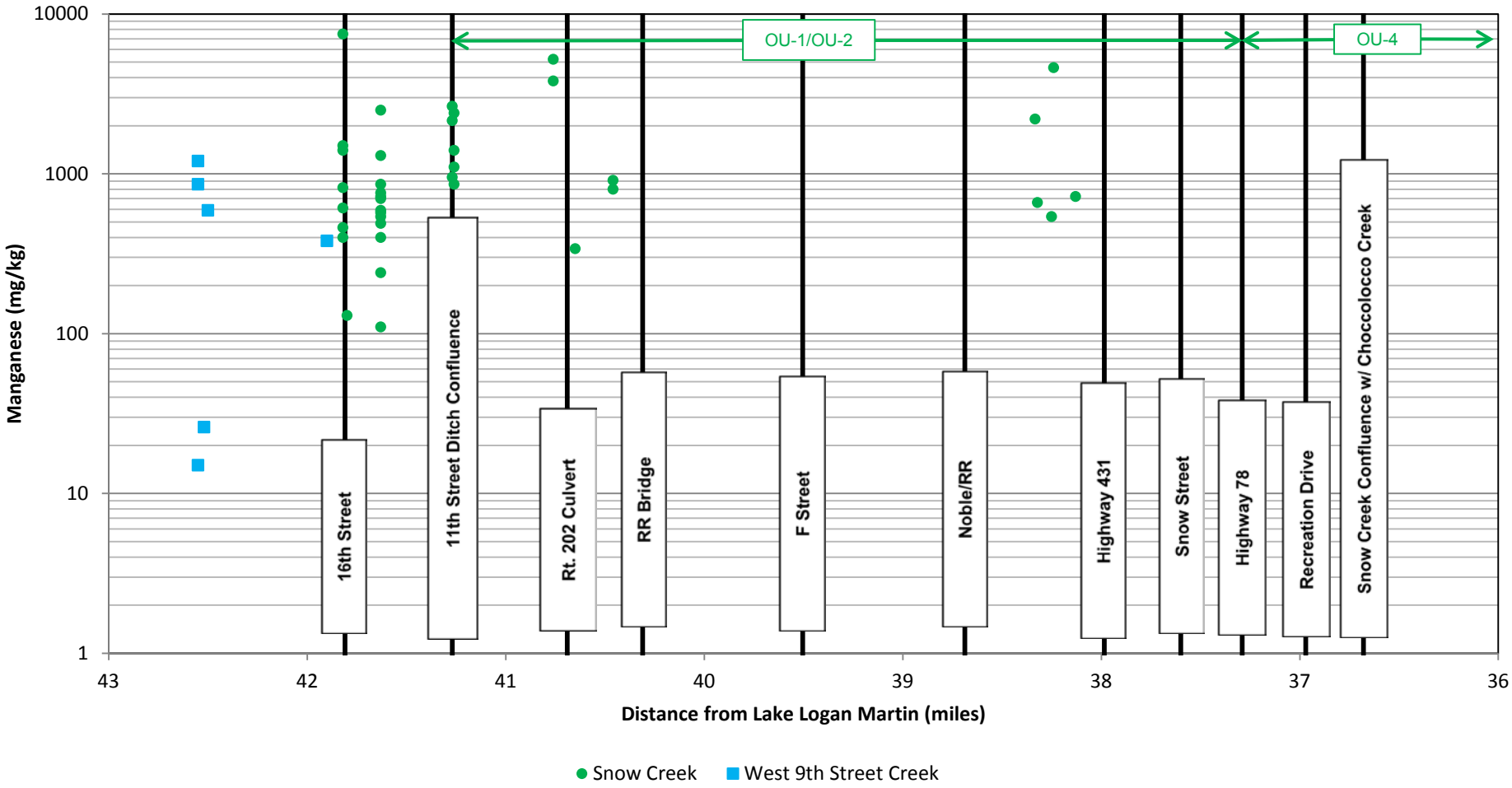
FIGURE
5-45



Notes:
mg/kg: milligrams per kilogram
OU: operable unit
RR: railroad
Rt.: route

Anniston PCB Site
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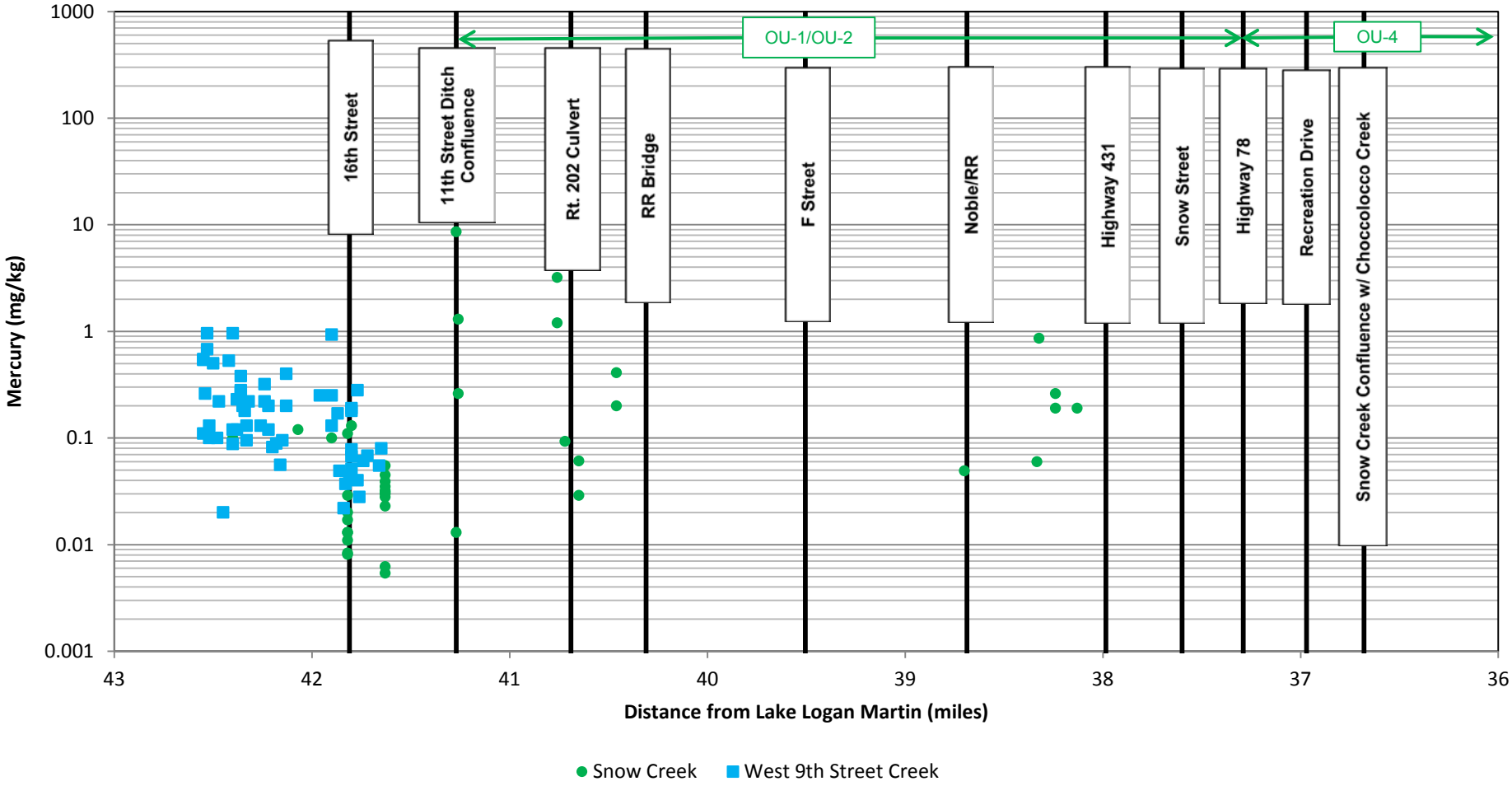
OU-1/OU-2 Remedial Investigation Report

Manganese Concentrations in Snow Creek Sediment with Distance from Lake Logan Martin

Solutia
Ingenuity Productivity Performance

FIGURE
5-46



Notes:
mg/kg: milligrams per kilogram
OU: operable unit
RR: railroad
Rt.: route

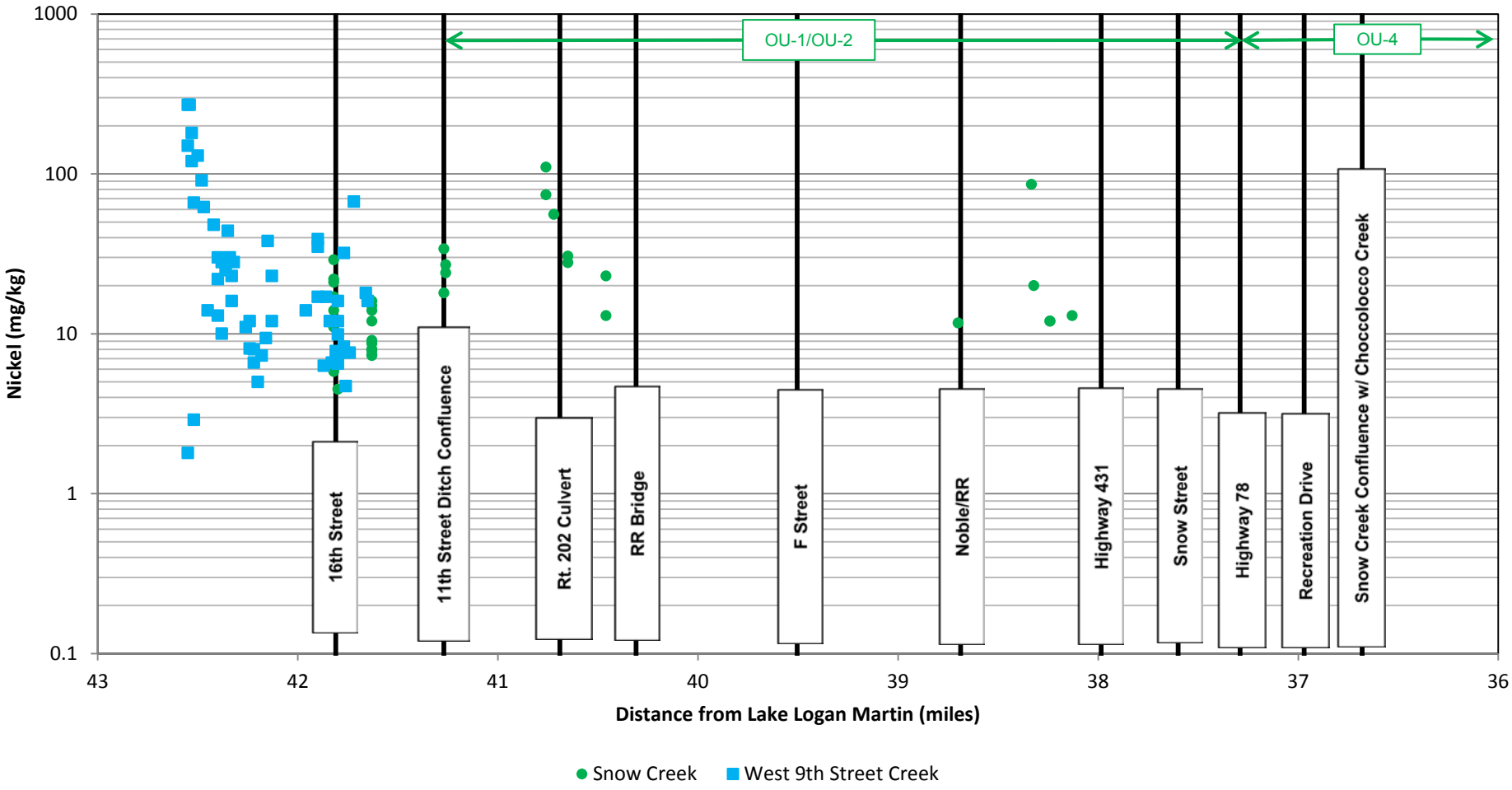
Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Mercury Concentrations in Snow Creek Sediment with Distance from Lake Logan Martin

Solutia
Ingenuity Productivity Performance

FIGURE
5-47



Notes:
mg/kg: milligrams per kilogram
OU: operable unit
RR: railroad
Rt.: route

Anniston PCB Site
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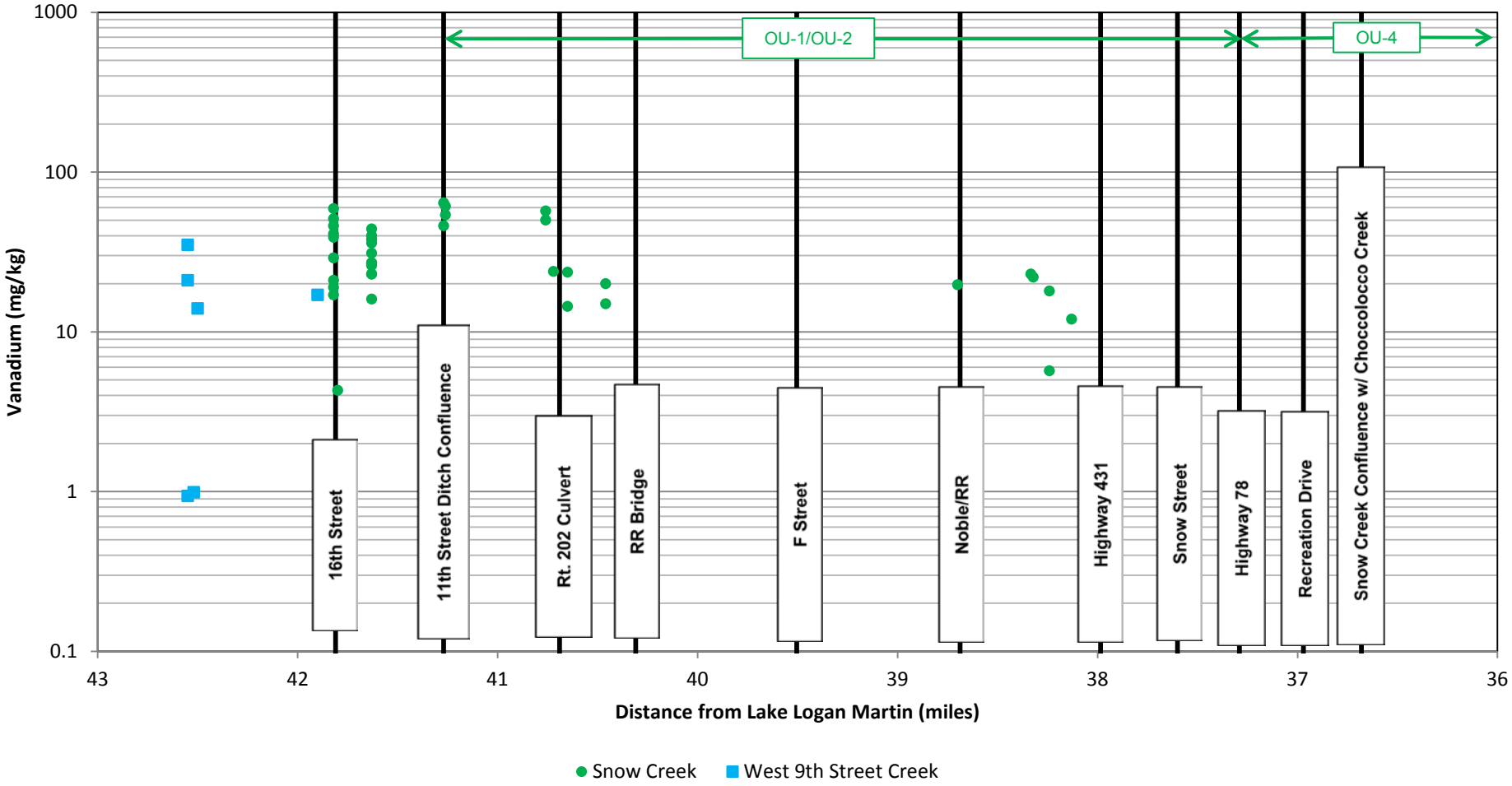
OU-1/OU-2 Remedial Investigation Report

Nickel Concentrations in Snow Creek Sediment with Distance from Lake Logan Martin

Solutia
Ingenuity Productivity Performance

FIGURE
5-48



Notes:
mg/kg: milligrams per kilogram
OU: operable unit
RR: railroad
Rt.: route

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OU-1/OU-2 Remedial Investigation Report

Vanadium Concentrations in Snow Creek Sediment with Distance from Lake Logan Martin

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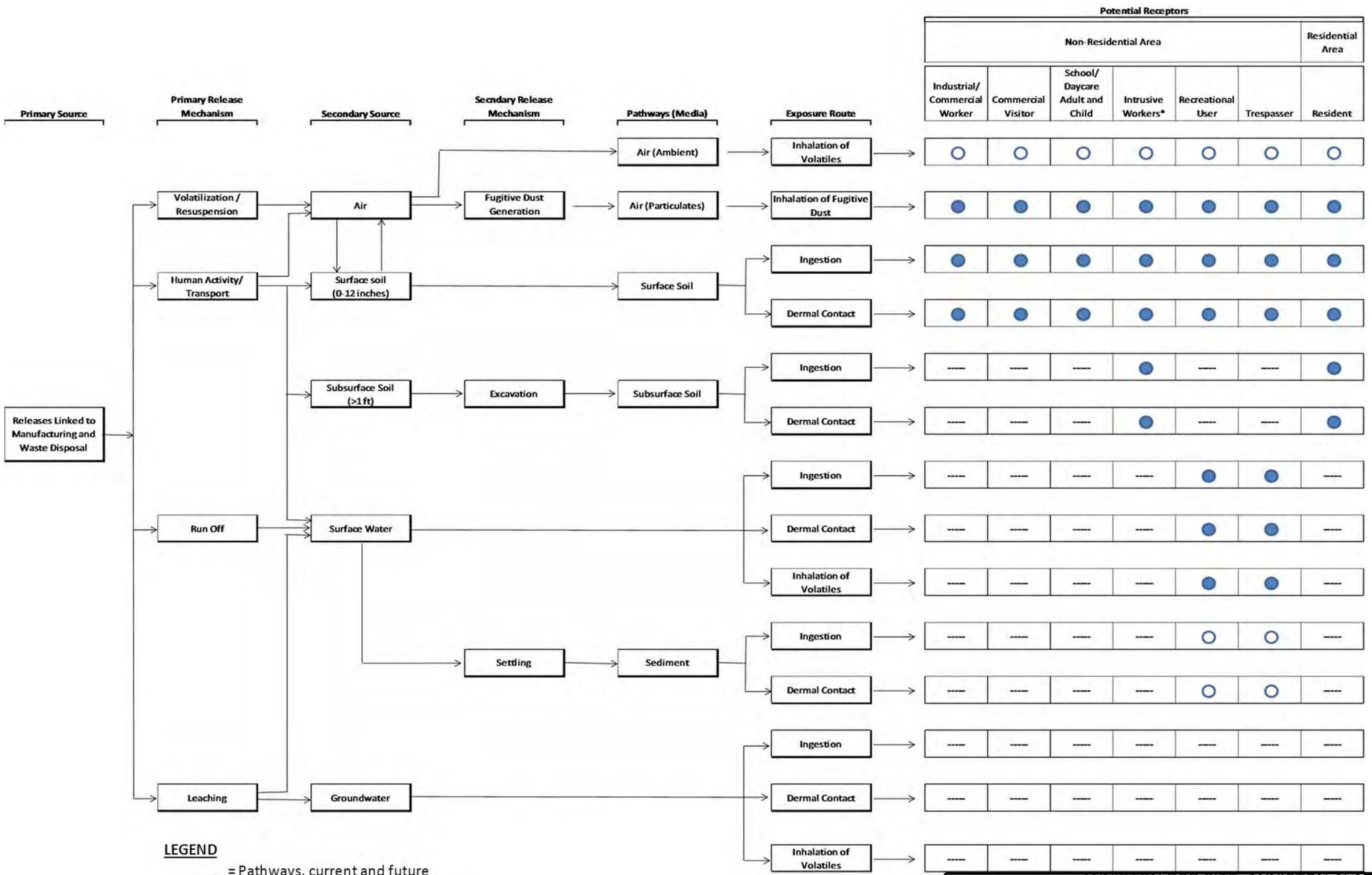
Ingenuity Productivity Performance

FIGURE
5-49



Reproduced from HHRA Figure 4-1 (CDM 2010a)

ANNISTON PCB SITE ANNISTON ALABAMA
OU-1/OU-2 REMEDIAL INVESTIGATION

CONCEPTUAL SITE MODEL FOR HUMAN HEALTH RISK ASSESSMENT

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Figure **6-1**

Upstream Side of Highway 202 Culvert

Downstream Side of Highway 202 Culvert

ANNISTON PCB SITE
ANNISTON ALABAMA
OU-1/OU-2 REMEDIAL INVESTIGATION

Highway 202 Culvert

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Ingenuity
Productivity
Performance

Figure
6-2

STA-1
STA-2
STA-3
STA-4
STA-5
202
431
78

Notes:
1. mg/kg: milligrams per kilogram
   OU: operable unit
   PCB: polychlorinated biphenyl

2. Aerial imagery provided by Calhoun County.

0 1,600 3,200 Feet

Graphic Scale

Legend

- Sediment Sample Analyzed for Metals

Sediment Sample Location
Maximum PCB Result (mg/kg)
- < 1.0
- 1.0 - 5.0
- 5.0 - 10
- 10 - 50
- ≥ 50

- Snow Creek Biological Survey Station Boundary
- Approximate Extent of Lined Channel
- Culvert
- Natural
- Natural Bottom East Wall Concrete
- 11th Street Ditch
- West 9th Street Creek
- OU-1/OU-2 100-Year Flooplain

STA-5 Biological Sampling Station Locations

Anniston PCB Site
Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Biological Survey Site Locations and PCB Sample Locations for OU-1/OU-2 Sediment

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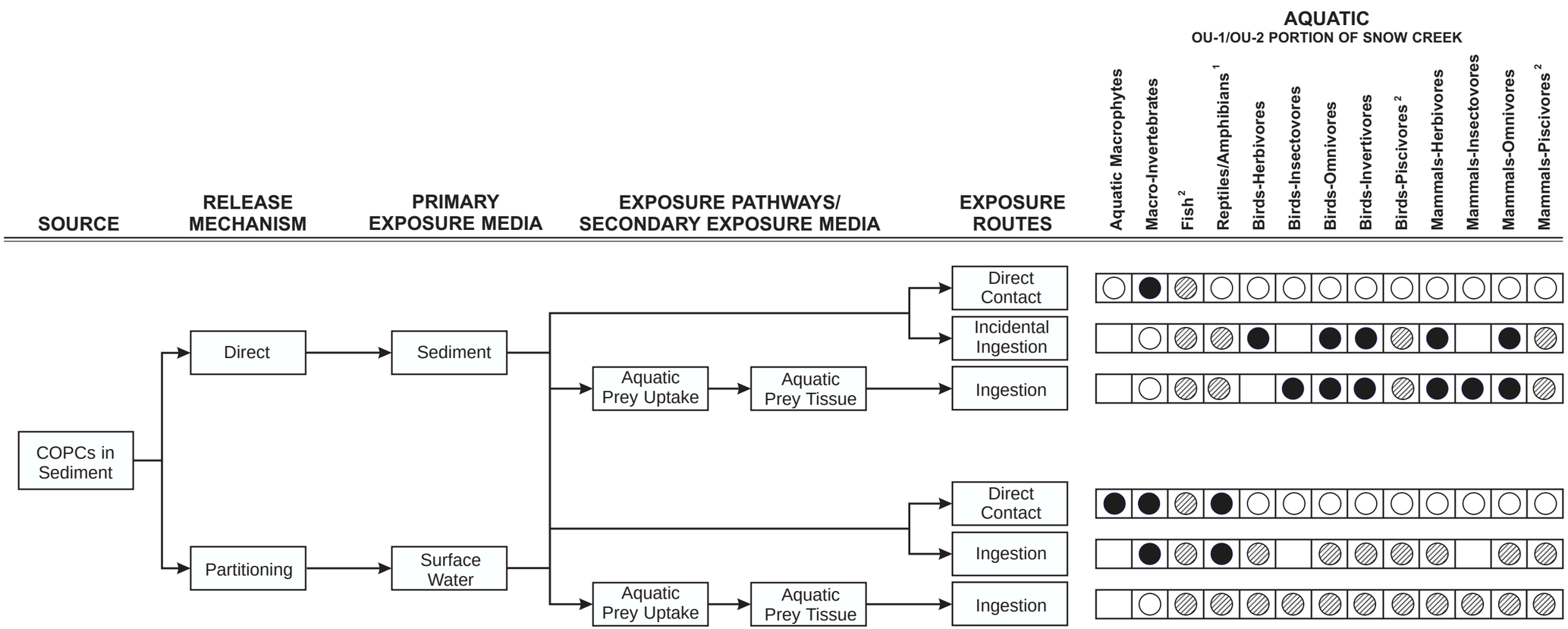
Figure
7-1



High potential for complete exposure pathway. Primary Pathway quantitatively evaluated.

Secondary pathway complete but expected to be minimal relative to the identified Primary complete pathways. Not quantitatively evaluated.

1 = Pathway may be complete but insufficient toxicity data available. Not quantitatively evaluated.

2 = Pathways are considered secondary because minimal fish community present.

Exposure pathway considered de minimus. Not quantitatively evaluated.

incomplete exposure pathway.

COPCs : constituents of potential concern

OU : operable unit

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Anniston, Alabama
OU-1/OU-2 Remedial Investigation Report

Aquatic Conceptual Site Model

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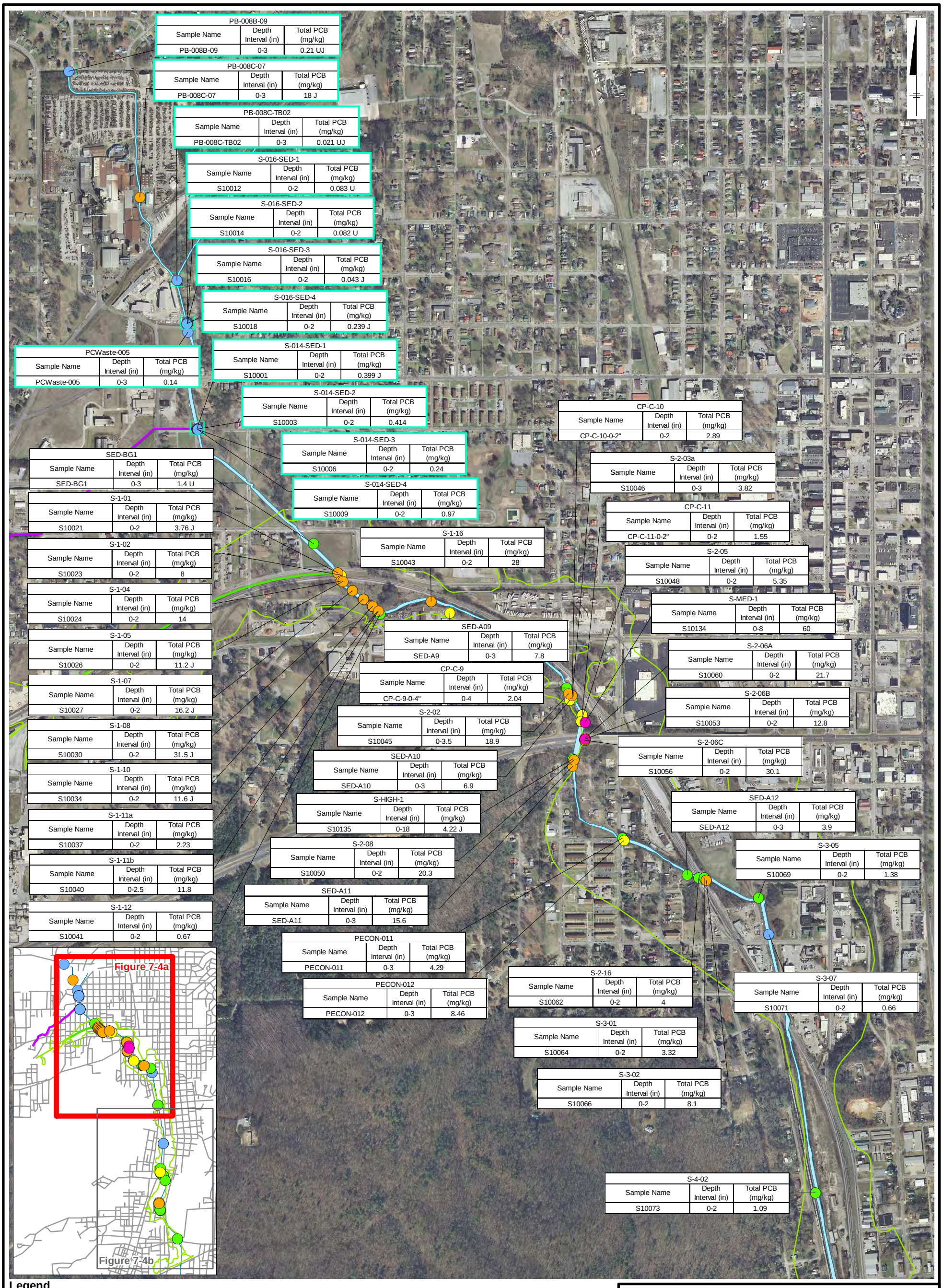
FIGURE
7-2



Legend

- Upstream Sediment Sample Location
- Sediment Sample Location Maximum[4] PCB Result (mg/kg)
  - < 1.0
  - 1.0 - 5.0
  - 5.0 - 10
  - 10 - 50
  - ≥ 50
- 11th Street Ditch
- West 9th Street Creek
- Snow Creek
- OU-1/OU-2 Downgradient Floodplain

0 — 850 — 1,700 Feet

Graphic Scale

Notes:

1. J: The compound was positively identified; however, the associated numerical value is an estimated concentration only.
   U: The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
   UJ: The compound was analyzed for but not detected. The associated value is the estimated compound detection limit.
2. Aerial imagery provided by Calhoun County.
3. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   PCB: polychlorinated biphenyl
4. Maximum PCB Result represents the maximum PCB value reported for samples from all depths sampled at that location, not just the surface interval depicted in the data box.

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and PCB Concentrations in OU-1/OU-2 Sediment

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Figure
7-3a

S-5-01*		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10075	0-3.5	0.65

S-5-02		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10077	0-3.5	4.5

S-5-03		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10078	0-2	5.8

S-5-05		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10082	0-2	1.17

S-LOW-1		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10136	0-6	1.7

S-5-06		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10084	0-2	2.66

S-5-04		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10080	0-2	1.78

PECON-020		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
PECON-020	0-3	0.75

FE2-001-A		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
FE2-001-A	0-3	0.9

S-5-13		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10086	0-3.5	1.32

CA-25-9999-90		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
PCWASTE-004-A	0-3	11

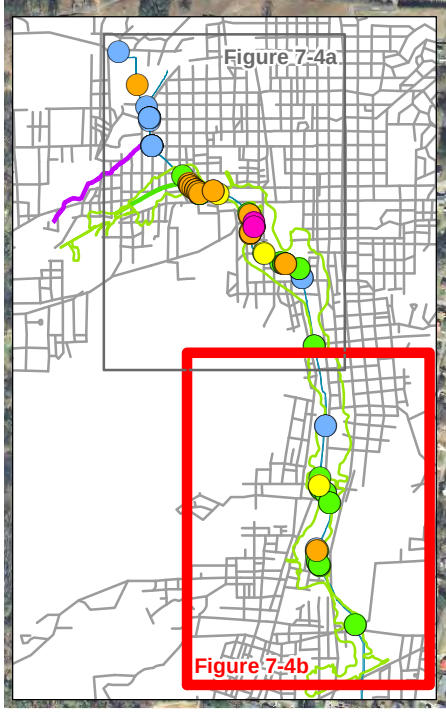
S-5-14A		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10087	0-2	1.47

FE2-001-C		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
FE2-001-C	0-3	2.5

S-5-14B		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10089	0-2	1.64

PCWaste-004-B		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
PCWaste-004-B	0-3	1.22

S-5-24		
Sample Name	Depth Interval (in)	Total PCB (mg/kg)
S10091	0-2	1.15



Legend

Sediment Sample Location
Maximum[3] PCB Result (mg/kg)
- < 1.0
- 1.0 - 5.0
- 5.0 - 10
- 10 - 50
- ≥ 50

Snow Creek
OU-1/OU-2 Downgradient Floodplain

0 850 1,700 Feet
Graphic Scale

Notes:
1. Aerial imagery provided by Calhoun County.
2. in: inches
   mg/kg: milligram per kilogram
   OU: operable unit
   PCB: polychlorinated biphenyl
3. Maximum PCB Result represents the maximum PCB value reported for samples from all depths sampled at that location, not just the surface interval depicted in the data box.
4. *: Indicates duplicate sample results have been averaged

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and PCB Concentrations in OU-1/OU-2 Sediment

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Figure
7-3b

PB-008C-07									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PB-008C-07	0-3	120	99		8.1		0.12 U		

PB-008B-09									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PB-008B-09	0-3	55	17		80		0.1 U		

PB-008C-TB02									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PB-008C-TB02	0-3	16	6.9		5.4		0.1 U		

S-016-SED-1									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10012	0-2	29 JN	22 JN	4.4	18	400	0.011 B	5.8 J	21 JN

PCWaste-005									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PCWaste-005	0-3	20	7.3	2	17	130	0.13	4.5	4.3

S-016-SED-2									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10014	0-2	160 JN	37 JN	3.5	18	610	0.013 B	6.2 J	29 JN

S-014-SED-1									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10001	0-2	75 JN	380 JN	13	30	400	0.0062 U	7.9 J	40 JN

S-016-SED-3									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10016	0-2	66 JN	21 JN	5.9	23	700	0.0081 B	11 J	19 JN

S-014-SED-2									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10003	0-2	76 JN	840 JN	6.9	71	490	0.035	12 J	23 JN

S-016-SED-4									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10018	0-2	180 JN	76 JN	11	77	2500	0.11	21 J	46 JN

S-014-SED-3									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10006	0-2	160 JN	870 JN	9.9	100	1500	0.0054 U	15 J	31 JN

CP-C-9									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
CP-C-9-0-4"	0-4				22				

S-014-SED-4									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10009	0-2	110 JN	310 JN	4.7	78	860	0.055	14 J	16 JN

S-1-01									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10021	0-2	190	670	12	57	1400	0.013 U	18	64

S-1-04									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10024	0-2	190	280	18	72	1100	0.26 N	27	54

CP-C-10									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
CP-C-10-0-2"	0-2				28				

S-2-03a									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10046/S10047*	0-3	270 JN	140 JN	110 JN	66 JN	5200	3.2 J	110 JN	50

CP-C-11									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
CP-C-11-0-2"	0-2				23				

S-MED-1									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10134	0-8	577 J	42.8 J	34.7 J	49.4	4610 J	0.093 J	55.7 J	23.9 J

S-HIGH-1									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10135	0-18	85.5 J	78.9 J	24.6 J	52.1 J	950 J	0.029 J	30.6 J	23.6 J

PECON-011									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PECON-011	0-3	59 J	32 J	13 J	35	800 J	0.41 J	13 J	15

PECON-012									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PECON-012	0-3	94 J	28	14 J	69	910 J	0.2 J	23 J	20

S-LOW-1									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
S10136	0-6	109 J	29.6 J	18.9 J	14.6 J	2150 J	0.049 J	11.7 J	19.7 J

FE2-001-C									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
FE2-001-C	0-3	74	57	5.9	33 J	340	0.19	12	18

PECON-020									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PECON-020	0-3	160	150 J	7.1 UJ	510 J	2200	0.06 U	86 J	23

CA-25-9999-90									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PCWASTE-004-A	0-3	54	28	2	49	720	0.26	12	5.7

FE2-001-A									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
FE2-001-A	0-3	81	54	9.3	120 J	660	0.86	20	22

PCWaste-004-B									
Sample Name	Depth Interval (in)	Inorganic Analytical Results (mg/kg)							
		Barium	Chromium	Cobalt	Lead	Manganese	Mercury	Nickel	Vanadium
PCWaste-004-B	0-3	52 J	48	7.7 J	23 J	540	0.19	13 J	12 J

Legend:

- Upstream Sediment Sample Location
- Sediment Sample Location
- Snow Creek
- 11th Street Ditch
- West 9th Street Creek

0 1,350 2,700 Feet

Graphic Scale

Notes:
1. in: inches
   mg/kg: milligrams per kilogram
   OU: operable unit
2. *: Indicates duplicate sample results have been averaged
   J: The compound was positively identified; however, the associated numerical value is an estimated concentration only.
   JN: The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
   U: The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
3. Aerial imagery provided by Calhoun County.

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and Metal Concentrations in OU-1/OU-2 Sediment

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Figure 7-4

LOCATION: S-MED-1 SAMPLE ID: S10134 DEPTH: 0-6 in	
TEQ CALCULATION APPROACH	TEQ (µg/kg)
Total PCDD/DF TEQ (ND = 0) [Avian]	0.094
Total TEQ (ND=0) [Avian]	0.24
Total PCDD/DF TEQ (ND = 0) [Mammalian/Human]	0.036
Total TEQ (ND=0) [Mammalian/Human]	0.14
Total PCDD/DF TEQ (ND = RL) [Avian]	0.24
Total TEQ (ND=RL[PCDD/DF]; 0.5 RL[DL-PCB]) [Avian]	30
Total PCDD/DF TEQ (ND = RL) [Mammalian/Human]	0.070
Total TEQ (ND=RL[PCDD/DF]; 0.5 RL[DL-PCB]) [Mammalian/Human]	11

LOCATION: S-LOW-1 SAMPLE ID: S10136 DEPTH: 0-6 in	
TEQ CALCULATION APPROACH	TEQ (µg/kg)
Total PCDD/DF TEQ (ND = 0) [Avian]	0.0090
Total TEQ (ND=0) [Avian]	0.005
Total PCDD/DF TEQ (ND = 0) [Mammalian/Human]	0.0019
Total TEQ (ND=0) [Mammalian/Human]	0.0040
Total PCDD/DF TEQ (ND = RL) [Avian]	0.018
Total TEQ (ND=RL[PCDD/DF]; 0.5 RL[DL-PCB]) [Avian]	0.76
Total PCDD/DF TEQ (ND = RL) [Mammalian/Human]	0.0076
Total TEQ (ND=RL[PCDD/DF]; 0.5 RL[DL-PCB]) [Mammalian/Human]	0.28

Legend

- Sediment Sample Location
- Snow Creek

0 750 1,500 Feet

Graphic Scale

Notes:

1. in: inch
   ND: nondetect
   OU: operable unit
   DL-PCB: dioxin like - polychlorinated biphenyls
   PCDD/DF: polychlorinated dibenzodioxins/dibenzofurans
   TEQ: toxic equivalents for PCDD/DF and DL-PCB
   µg/kg: microgram per kilogram
2. Shading indicates avian toxic equivalency factors (TEF).
3. Aerial imagery provided by Calhoun County.

Anniston PCB Site
Anniston, Alabama

OU-1/OU-2 Remedial Investigation Report

Sample Locations and Dioxin and PCB TEQ in OU-1/OU-2 Sediment

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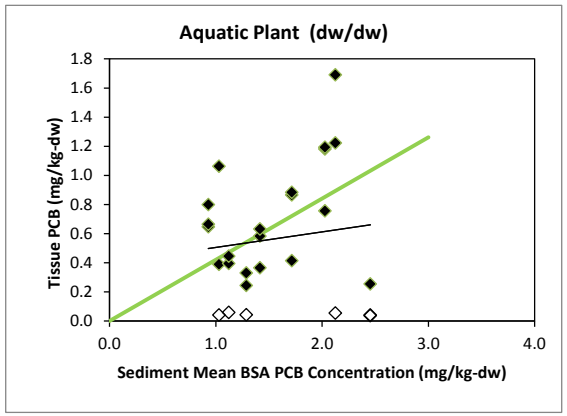
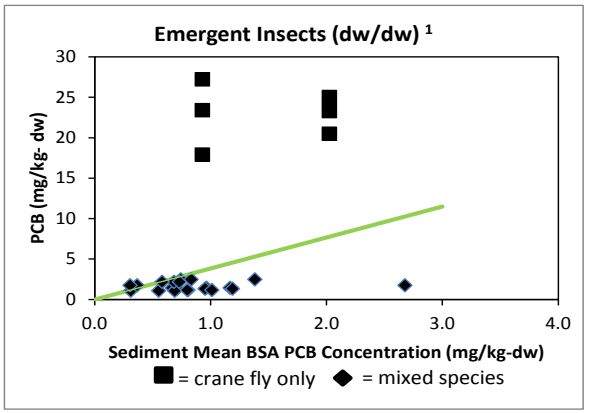
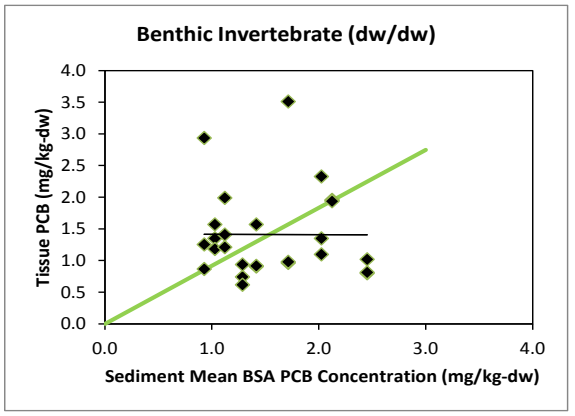
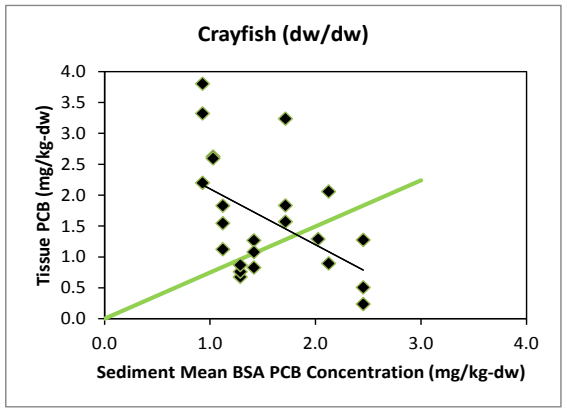
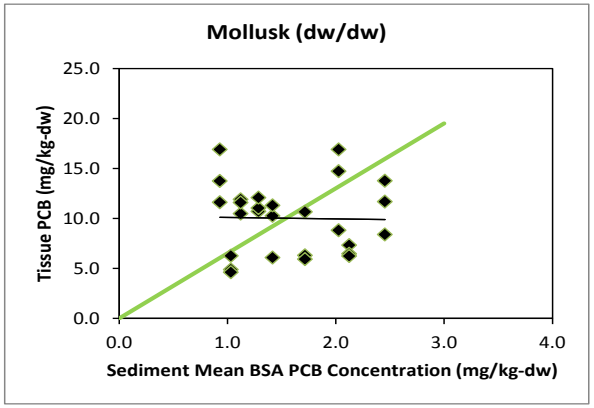
Figure
7-5

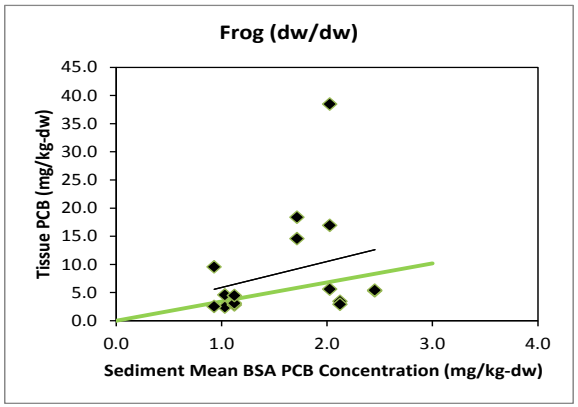


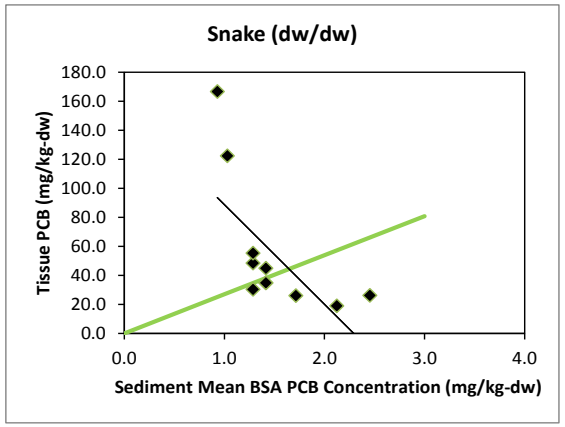












non-detected tissue concentration (1/2 reporting limit)

detected tissue concentration

represents the selected median BAF

Notes:

[1] Emergent Insect tissue data found to represent two populations, mixed emergent insect species and cranefly only. Overall trendline was not included and the selected BAF line represents a weighted mean BAF from the two populations.

BAF: bioaccumulation factor
BSA: biological sampling area
dw: dry weight
mg/kg: milligrams per kilogram
PCB: polychlorinated biphenyl

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OU-1/OU-2 Remedial Investigation Report

Summary of OU-4 Tissue Data and Selected Bioaacumulation Factor for PCBs

Solutia

FIGURE

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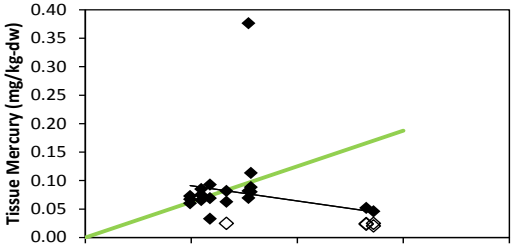

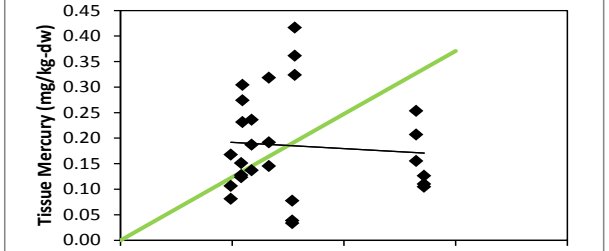

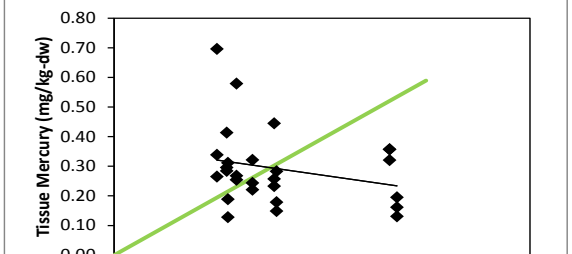

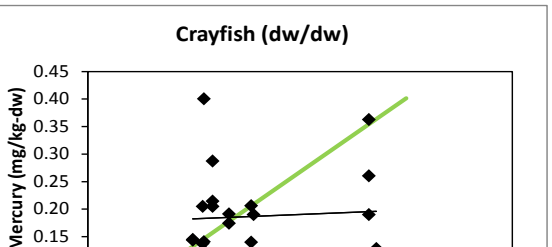

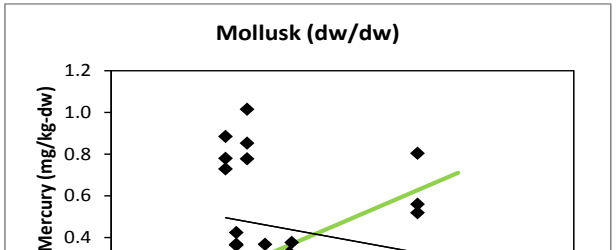

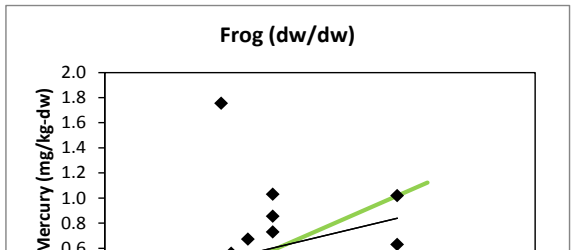

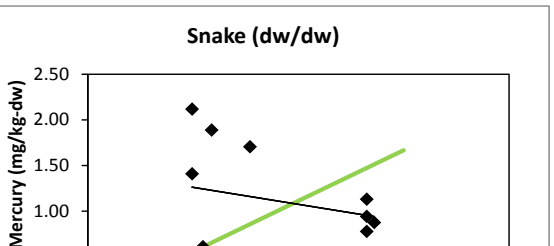

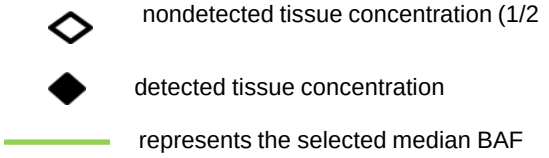

Notes:
BAF: bioaccumulation factor
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OU-1/OU-2 Remedial Investigation Report

Summary of OU-4 Tissue Data and Selected Bioaccumulation Factors for Mercury

Solutia
Ingenuity Productivity Performance

FIGURE
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