

**REMEDIAL INVESTIGATION REPORT
OPERABLE UNIT 3 – UPLAND SOILS
LCP Chemicals Site
Brunswick, Georgia**

Prepared for:
LCP SITE STEERING COMMITTEE

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A handwritten signature in blue ink, appearing to read "Kirk Kessler", is written over a horizontal line.

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1 INTRODUCTION

1.1 Overview

Honeywell International Inc., formerly AlliedSignal, Inc. ("Honeywell"), the Atlantic Richfield Company ("Arco"), and the Georgia Power Company are responsible parties to an Administrative Order by Consent (USEPA Docket No.: 95-17-C) requiring a Remedial Investigation/Feasibility Study ("RI/FS") of the LCP Chemical Site located in Brunswick, Georgia ("Site").

The upland soils portion of the Site is designated as Operable Unit 3 ("OU3"). Prior to 2006, the upland and estuarine portions of the Site were designated as a single unit, Operable Unit 1 ("OU1"). The United States Environmental Protection Agency ("USEPA") requested in 2006 that upland soils and LCP estuary be divided into two separate operable units (USEPA 2006). The estuarine portions of the Site are now referred to as OU1, while the upland soils are designated as OU3. The groundwater and soils beneath the former Cell Building at the Site are designated as Operable Unit 2 ("OU2").

In the 1990s, approximately 170,000 cubic yards of contaminated soil and waste in the upland setting were excavated and disposed off-site during the period from 1994 to 1997 and included four RI sampling programs to assess site conditions. Since that time, five additional sampling programs for the upland soils have been completed at the request of the USEPA.

A Human Health Baseline Risk Assessment ("HHBRA") and Baseline Ecological Risk Assessment ("BERA") have been completed for OU3 and approved by the USEPA (CDR, 2010 and EPS, 2012). The risk assessments identify chemical-specific remedial goal options ("RGOs") providing a basis for map-based illustrations of the soil data.

This RI Report is being submitted on behalf of the responsible parties to fulfill the requirement of the RI Report for OU3.

1.2 Objective

The objective of this RI Report is to present the current Site conditions and a summary of human and ecological risk assessments. For this objective, this report presents an overview of Site's history, background and setting providing a narrative of site activities (industrial and manufacturing) that lead to the corrective measures completed in the 1990s under an Administrative Order by Consent. A model of current Site conditions is presented based on soil investigations completed from 1995 to 2011 that sets the basis for the human and ecological risk assessments, both summarized herein.

1.3 Report Organization

The RI Report is organized as follows:

- Section 2: Site background and history;
- Section 3: Regional setting;
- Section 4: Site setting and characterization;
- Section 5: Site investigations and actions completed;
- Section 6: Summary of OU3 risk assessments;
- Section 7: Spatial distribution and concentration of primary constituents of concern (“COCs”) with a comparison to HHBRA RGOs;
- Section 8: Potential transport pathways;
- Section 9: Summary and conclusions of the report; and
- Section 10: References cited in the RI Report text.

2 SITE BACKGROUND

2.1 Location and Surroundings

The Site property occupies approximately 813 acres immediately northwest of the City of Brunswick, Glynn County, Georgia (Figure 2-1). Tidal marshland comprises about 670+ acres of the property. The primary upland site, where manufacturing operations at the LCP site occurred, is located on 133.5 acres of upland area, east of the marsh and bordered by a county land disposal facility and a pistol firing range on the north, Ross Road on the east, the Turtle River and associated marshes to the west, and Brunswick Cellulose to the south. The Arco refinery also utilized land to the east of Ross Road for product storage in four above ground storage tanks (referred to herein as the "off-site tank farm"). A separate land parcel is part of the LCP site property located approximately one half mile from the primary uplands parcel along the Turtle River, known as the Salt Dock (referred to herein as the "former Salt Dock").

2.2 Past Industrial Activities

Figure 2-2 provides an outline of operational features for past industrial activities. Arco, a successor of the Atlantic Refining Company, operated the site as a petroleum refinery from 1919 to the early 1930s. At one time, over 100 process and storage tanks were present on site. The refinery was fueled by coal until 1922, after which oil was used as fuel. The refinery ceased operations by 1935. Concrete tank supports and numerous buildings from this time period remain at the site. Much of the steel was salvaged for scrap in World War II or moved to other locations (GAEPD, 1990).

Georgia Power purchased portions of the site in 1937, 1942, and 1950. These purchases included two parcels of land and two 750 kilowatt ("kW") electric generators from Arco. Georgia Power subsequently added an additional 4.0 megawatts of electric generation capacity at the site. Thus, power generation capacity increased at the site from 1500 kW in 1937 to 5500 kW by 1941. Bunker C oil was used as the fuel source for the power plant (GAEPD, 1990).

The Dixie Paint and Varnish Company operated a paint and varnish manufacturing facility at the site from 1941 to 1955 on a portion of the site property south of the Georgia Power parcel. The Dixie Paint and Varnish Company became the Dixie O'Brien Corporation and eventually a wholly owned subsidiary of the O'Brien Corporation (GAEPD, 1990).

In 1955, after acquiring almost all the land constituting what is now known to be the Site, Allied Chemical and Dye Corporation established and operated a chlor-alkali facility at the site, principally for the production of chlorine gas, hydrogen gas, and caustic solution. The plant operated using the mercury cell process, which involves passing a concentrated brine solution between stationary graphite or metal anode and a flowing mercury cathode to produce chlorine

gas, sodium hydroxide (caustic) solution, and hydrogen gas, as a by-product. Sodium hypochlorite (bleach) was also produced in a secondary reaction.

LCP purchased the property and the chlor-alkali plant in 1979. The chlor-alkali process continued with modification following the purchase. Part of the modification included the production of hydrochloric acid by reacting chlorine and hydrogen. Manufacturing operations continued until February 1994, when LCP's corporate headquarters implemented an "orderly shutdown" of the plant on February 1, 1994.

2.3 Site Features

The dominant physical feature of the Site property is the 670+ acres of tidal marsh located in the western areas of the Site. The salt marsh is characterized by a flat, heavily vegetated surface (approximate elevation of 2 to 3 feet (ft) above mean sea level ("amsl")) dissected by numerous channels and larger creeks under tidal influence from the nearby Turtle River.

The upland area to the east of the marshland is characterized by gently sloping terrain ranging from approximately 5 ft amsl along the marsh/upland border to an elevation of approximately 15 ft amsl along Ross Road. This area of the site is roughly divided in half (north/south) by the east-west entrance road (B Street), which transitions into the causeway road where B Street ends at the marsh-upland border and extends to Purvis Creek. The upland portion of the Site is also roughly divided in half (east/west) by a fence line separation of the land used in former industrial operations and land primarily used for non-industrial operations (office and storage facilities). These natural property breaks developed into site quadrants used as exposure units in the HHBRA.

3 REGIONAL SETTING

3.1 County Land Use Designations

The LCP site upland property is zoned as industrial property according to the Glynn County Planning Commission Land Use Maps. The county owns the land parcel immediately north of the LCP site, zoned as public/institutional. Various commercial properties border the east. The Brunswick Cellulose pulp mill occupies large tracts of land immediately south and southeast of the Site (Figure 3-1). On June 27, 2012, Glynn County purchased 35 acres of land in the northeast quadrant of the Site, including the area of the former Sunshine Drive-in Theater, where the County plans to build a detention facility. This purchase was facilitated by a Ready for Reuse Determination issued by USEPA Region 4 on March 22, 2012 for the northeast quadrant of the Site (corresponding to Quadrant 1 identified in the OU3 HHBRA).

3.2 Meteorology

Glynn County is located on the coast of Georgia, and is separated from the Atlantic Ocean by several barrier islands. The area is warm and humid; the average annual temperature is 67.4 degrees Fahrenheit (“°F”) and the relative humidity ranges from an average high of 90 percent at sunrise to an average of 60 percent at mid-afternoon. High and low recorded temperatures are 101 and 14 °F, respectively. The earliest a freeze can be expected is in late November, the latest in late February, and over 90 percent of the winters show no measurable snowfall. The average annual rainfall for the period 2004 through 2011 was approximately 51.4 inches, with most rain historically falling from April to September. The highest rainfall typically occurs between June and September, and the lowest rainfall typically occurs between November and January; an average of 77 days per year have more than 0.10 inches of precipitation. Thunderstorms occur quite regularly, averaging 65 occurrences per year, most during the summer months. The prevailing wind in the area is from the northwest, with the highest average wind speed (10 mph) in the spring. Off-shore breezes may counteract this, causing a no-wind condition (GAEPD, 1990).

3.3 USDA Soil Classification

The soils in the vicinity of the LCP Chemical Site are composed of two general groups (USDA, 1980). The upland areas are underlain by the Mandarin-Urban land complex ("Mb") (Figure 3-2). The marsh areas are underlain by the Bohicket-Capers association ("BO") (Figure 3-2).

The upland soil consists of somewhat poorly drained Mandarin soils and urban land intermingled to the extent that they cannot be mapped separately. Mandarin fine sand makes up about 55 percent of each mapped area. Typically, the soil consists of fine sand throughout. The surface layer is about 3 inches thick and has a very dark gray color. The subsurface layer is

predominately light gray and extends to a depth of approximately 19 inches. It is underlain by a weakly cemented organic hardpan that extends to a depth of approximately 34 inches. This hardpan is black in the upper layer, very dark brown in the middle layer, and dark brown in the lower layer. Beneath the hardpan, to a depth of approximately 62 inches, are light gray, white and grayish brown layers.

These layers are underlain by a second weakly cemented organic hardpan that is black and extends to a depth of 80 inches or more. The water table is commonly found at depths of 18 to 40 inches during the summer and spring seasons.

4 SITE SETTING

4.1 Surface-Water Drainage

The land surface topography was altered in the course of the extensive removal response action in the mid-1990s. Site restoration included land surface grading to ensure positive drainage of the uplands to the marsh, which is described in the documents: “*Surface Water Management Plan Former LCP Chemicals Site, Brunswick, Georgia*” (GeoSyntec Consultants, 1997b). This grading plan design had the upland area subdivided into seven surface-water drainage areas based on surface topography as shown on Figure 4-1a

Note that the grading plan design (Figure 4-1a) shows the 1997 surface topography, which at the time was still in the process of alteration from the removal action (primarily in the area of the brine mud impoundments at the southwest end of the site, and in the northwest portion of the site (Area A)). The design plan also shows “concentrated or channelized flow” features in the central portion of the site along B Street (Area C) which direct surface water runoff under B Street (through a large box culvert) and out to a runoff control structure bordering the marsh immediately north of the B Street/causeway. A shallow ditch was also constructed in Area E to capture run-off from the east and directs this water along the southern border of the Site where it discharges to the marsh.

The current land surface topography is available through the Light Detection and Ranging (LIDAR) remote sensing data provided in the US Geological Survey. Figure 4-1b shows the LIDAR coverage for the LCP Site, posting information at a 2-ft contour interval (the data itself is provided at a 1-ft contour interval, but becomes cluttered on the scale of this figure). The LIDAR data is also available in a digital elevation model (DEM) format. This format can be analyzed within ArcGIS to develop the surface water runoff patterns and divides shown on Figure 4-1b. A simplified version of this same information is also shown on Figure 4-1c, removing the LIDAR land surface topography features to minimize clutter on the figure. This DEM analysis identifies six drainage basin areas across the LCP Site (outlined in bold light blue line feature in Figure 4-1c). Drainage Basins 1 and 2 correspond to Areas A, B, G, and F of the design plan shown on Figure 4-1a for the area generally north of B Street. The DEM also shows similar configurations of the drainage basins in the central part of the Site (Basins 3, 4, and 5 correspond to design areas C and D) and southern parts of the Site (Basin 6 corresponds to design area E).

4.2 Precipitation

Daily rainfall was recorded five days a week during the early phase of the removal action using a gauge located on the LCP Site. Beginning on 24 July 1996, an automatic weather station was installed to record rainfall, temperature, wind velocity, and direction for the duration of the removal action and RI fieldwork.

Comparison of rainfall records from the LCP site and from the Brunswick FAA Airport for 1996 indicates that the LCP Site had a higher annual rainfall (i.e., 50.16 inches versus 44.05 inches). The recorded rainfall for 1996 at the LCP site is close to the ten year average annual rainfall of 51.47 inches recorded at the Jacksonville, Florida weather station, located in a similar coastal setting.

4.3 Physical Properties of Upland Soils

4.3.1 Introduction

The general physical properties of upland soils at the Site were investigated at the onset of the RI site characterization during the fall of 1995, involving two test plots as shown in Figure 4-2 (Test Pit Areas A and B) (i.e., Phase I RI soils investigation). USEPA requested this study in order to assess an appropriate boundary between surficial and subsurface soils for purposes of data segregation in the human health risk assessment. Two areas with different industrial histories were selected: the first location was in a wooded area east of the Cell Building, which was outside the footprint of major industrial infrastructure (Test Pit Area A), while the other Test Pit Area was located in an area at industrial operations and infrastructure (Test Pit Area B). Each area measured 120 ft by 120 ft and was divided into nine, 40-ft squares. Centered within each square, a test pit, 5 ft long and 2 ft wide was excavated and visually described. Four vertically stratified samples were collected from each test pit and analyzed for physical and chemical parameters. The results of the investigation are described in detail in the *“Technical Memorandum for the Phase I Upland Soils Investigation for Remedial Investigation and Feasibility Study, LCP Chemical Site, Brunswick, Georgia”* (GeoSyntec Consultants, 1996). No correlation was observed between depth and physical properties in the soil; therefore, a default boundary of 2 ft below ground surface (“bgs”) was used in the risk assessment to distinguish surface soils from sub-surface soils.

4.3.2 Visual Observations

Upon completion of the excavation and smoothing of each trench, a geologist’s log was prepared in a field book and supporting photographs were taken. Final versions of these logs and associated photographs can be found in the above referenced March 1996 Technical Memorandum. Since fill material at the site was generally locally derived, it was often difficult to discern from native (in-place) soils based purely on descriptions of color or texture. In some cases, fill was recognized by either: (i) the inclusion of crushed rock or industrial debris; or (ii) the absence of disseminated charcoal fragments in the soil derived from past natural grass and forest fires.

Insects (particularly ants and beetles) were observed living in the soil in most trenches. Some fire ant colonies extended down to the water table. There was no evidence of any vertebrate activities (i.e., burrows, middens, remains) in any of the trenches. The vegetation appeared to be healthy and normal.

4.3.2.1 Test Pit Area A

Based upon field observations, several generalizations can be made about the shallow soils in Test Pit Area A. These generalizations are summarized as follows:

- The topsoil is of consistent texture and color and is generally less than 0.5 ft thick.
- An irregular boundary between mottled dark brown and light brown fine sand and light brown to tan fine sand is generally between 1.5 ft and 2 ft bgs (roughly coincident with the water table).
- No textural variations are observed in the soils below the topsoil.
- Charcoal fragments up to one inch in size are regularly disseminated throughout the soils.

4.3.2.2 Test Pit Area B

Test Pit Area B has been variably disturbed by industrial operations. It is therefore more difficult to make generalizations based upon field observations. However, some limited generalizations can be made and are provided as follows:

- Topsoil has developed locally on top of fill or old asphalt pavement where it is presumed that the soil over the pavement developed in windblown or runoff-borne material.
- Fill material is often more visibly silty than underlying natural soils.
- Natural soils are generally mottled orange and brown to tan in color, suggesting that they are more oxidized than soils in Test Pit Area A.
- A color change roughly coincident with the water table was not observed.

4.3.3 Physical Testing Data

The GeoSyntec Consultants Geomechanics and Environmental Laboratory in Atlanta, Georgia performed physical testing of the soil samples. A summary of the results is provided below, and more detailed results can be found in the above-referenced March 1996 Technical Memorandum.

4.3.3.1 Test Pit Area A

Little variation was noted in the physical testing data for samples from Test Pit Area A. Summaries of the results for each parameter are provided below and presented in Table 4-1:

- The percent fines passing a No. 200 sieve ranged from 4.9 to 17; for 89 percent of the samples, the values ranged from 5 to 8 percent.
- Moisture contents ranged from 6 to 20.5 percent, with the highest values typically measured in deeper samples (i.e., below the water table).
- Soil pH values varied from 5 to 8.8.
- The total organic carbon ("TOC") ranged from 0.6 to 4.6 percent.

4.3.3.2 Test Pit Area B

There was somewhat greater total variability in the physical testing data for samples from Test Pit Area B. Results are presented in Table 4-1 and summarized as follows:

- The percent fines passing a No. 200 sieve ranged from 3.8 to 19.2, with 86 percent of the samples consisting of less than 7 percent fines.
- Moisture contents varied from 3.8 to 29.7 percent, with the exception of one sample having a moisture content of 67.9 percent; similar to Test Pit Area A, the deepest samples were characterized by the highest moisture contents.
- Soil pH values ranged from 6.1 to 9.3.
- The TOC varied from 0.2 to 16.3 percent.

4.3.4 Chemical Testing Data

4.3.4.1 Test Pit Area A

Lead and Polychlorinated Biphenyls ("PCBs") were the only constituents detected in samples from Test Pit Area A. Lead concentrations varied from below method detection limit to 40.8 ppm. All of the lead detects were from the southernmost three trenches. During the 1995 sampling, which was analyzed by TEG laboratory ("TEG"), PCBs were detected in three test pits, with concentrations ranging from 18.7 ppm to 28.4 ppm. With one exception, the PCB detects were only found in samples below 1.3 ft. Some data quality issues were later identified with the TEG laboratory test results (see section 4.2.2 of the HHBRA). Follow-up testing at eight locations adjacent to Test Pit A was completed in 2008 to verify the PCB condition. Reported PCB concentrations were considerably lower than those reported by TEG, ranging from non-detect to 3.4 mg/kg.

4.3.4.2 Test Pit Area B

In Test Pit Area B, lead was detected in 59 percent of the samples, ranging in concentrations from below method detection limit to 232 ppm. Mercury was only detected in three samples, with concentrations ranging from 0.59 ppm to 3.9 ppm. Barium was detected in four samples, with concentrations ranging from 28.8 ppm to 73.1 ppm. One sample reported semi-volatile organic compounds ("SVOCs"), with a total concentration of 10.45 ppm. No PCBs or volatile organic compounds ("VOCs") were detected.

Statistical analyses reported in the March 1996 Technical Memorandum suggested that physically and chemically the soils are not vertically stratified. Unlike Test Pit Area A, there were no visual characteristics to consistently delineate a boundary between surficial and subsurface soils. Thus, it was concluded that surface soils would be defined from 0-2 ft bgs for this Site.

5 SITE INVESTIGATIONS AND ACTIONS COMPLETED

5.1 Surveying

5.1.1 Property Boundary Survey

Pruitt and Purcell, P.C. surveyed the LCP property boundary in 1989. An updated boundary survey (with full title search) was completed by their successor company, EMC Engineering Inc. in 2007. The property boundary is provided in Figure 5-1.

5.1.2 Topographic Mapping

Hoffmann & Company, Inc. conducted a site topographic and site features survey in April 1994 using aerial photogrammetric methods. The digital topographic data were provided for use in a geographic information system ("GIS"), labeled as "Site Features" throughout many of the figure illustrations used in this RI Report.

Rosser Lowe conducted a second aerial topographic survey in February 1997 during later stages of the removal actions. This topographic survey was necessary due to considerable alterations of the landscape as a result of the removal action activities. This survey was used to prepare a final grading plan for the site. The grading plan was implemented as a final construction activity of the upland removal action.

5.1.3 Ground Surveys

Pruitt & Purcell, P.C, provided ground survey control throughout the project. Ground surveys included: (i) establishing reference grids for removal excavation; (ii) establishing lateral coordinate positions of sampling locations; and (iii) survey support for site grading.

5.2 Cultural Resources Survey

A cultural resources survey was conducted by Garrow and Associates. A report of the findings was submitted under separate cover to USEPA (Garrow and Associates, 1997).

5.3 Summary of Removal Response Actions

5.3.1 Overview

Between 1994 and 1997, a removal response action was performed on the upland portion of the LCP Chemicals Site. This work was conducted under USEPA oversight and approval. The removal action included the excavation of contaminated soils and industrial process waste from 26 geographical areas of the site (Figure 5-2). A total of approximately 167,000 cubic yards of soil and waste was removed during these actions. The removal areas contained material contaminated with constituents including petroleum hydrocarbons (volatile and semi-volatile organic compounds), mercury, alkaline sludges, polychlorinated biphenyls (PCBs), and lead. Lateral and vertical dimensions of each excavation plot, or “grid” were surveyed during the removal action. Post-excavation samples, both sidewall and base composites, were taken and the data are maintained in a Microsoft® Access database. Original characterization samples that were subsequently excavated were flagged in the project database as “removed”. Figure 5-3 shows the removal grids and depth of each grid excavation.

5.3.2 Petroleum Hydrocarbon Source Areas

Areas formerly containing petroleum hydrocarbon source materials included the North and South Removal Areas, North and South Separators, and Bunker “C” Tank Area (Figure 5-2). Both the North and the South Removal Areas contained petroleum hydrocarbon-saturated soils and petroleum tar-sludge wastes. The removal activities at these two areas included excavation and off-site disposal of approximately 30,000 cubic yards of waste. The North and South Separators contained petroleum hydrocarbon bottom sludge. Approximately 1,200 cubic yards and 1,300 cubic yards of sludge were removed from the North and South Separators, respectively. The Bunker “C” Tank Area included petroleum hydrocarbon-saturated soil and above ground tanks containing fuel oil, wastewater, and bottom sludge. The contents of the tanks were removed, the tanks were demolished, and approximately 2,900 cubic yards of soil was excavated and disposed off-site.

5.3.3 Mercury and Alkaline Sludge Source Areas

Areas formerly containing mercury and mercury-contaminated alkaline sludges included the Cell Building Area, Mercury Retort Area, Caustic Tanks Area, bleach mud at the North Removal Area, lime softening mud at the Waste Disposal Impoundment, the Brine Mud Impoundments, Former Facility Disposal Area, and adjacent portions of the marsh, including tidal channels (Figure 5-2). Removal activities at the Cell Building Area resulted in the elimination of above grade sources. This included the removal (off-site recycling) of elemental mercury from the process equipment, decommissioning and demolition of the Cell Buildings, and placement of a soil cover (not an engineered RCRA cap) over the entire Cell Building Area (as shown in Figure 4-2 and other figures throughout the report, labeled as “Soil Cap”). At the Mercury Retort Area, the above-ground concrete structures as well as the soil and retort waste that were contaminated with mercury were excavated and disposed of off-site. Above ground tanks and approximately

2,500 cubic yards soils that were contaminated with mercury and caustic were removed from the Caustic Area. The alkaline sludges that were contaminated with mercury included the bleach mud, lime softening mud, and brine mud. Removal of these contamination sources was accomplished by excavating and disposing a total of approximately 37,000 cubic yards of the process wastes from the North Disposal Area, Waste Disposal Impoundment, and Brine Mud Impoundments.

5.3.4 PCB and Lead Source Areas

Areas formerly containing elevated concentrations of PCBs included the Former Facility Disposal Area ("FFDA") and adjacent marsh and tidal channels, Outfall Pond and Canal, Anode Loading Area, North and South Dredge Spoils Areas, Scrap Yard, Northwest Field, Material Staging Area and South Rail Yard (Figure 5-2). Removal activities in these areas resulted in the excavation and off-site disposal of approximately 67,000 cubic yards of material. Areas with lead contamination included the North Removal Expansion Area, North Central Area, North Rail Yard and Old South Tank Farm (Figure 5-2). Approximately 13,000 cubic yards of material was removed from these areas.

5.4 Soils Investigations

5.4.1 Overview

Site upland soils were investigated on a continuous basis as part of the removal response action. The removal response investigations were initially focused on areas identified in the removal Administrative Order. As the removal action progressed, areas adjacent to those described in the order were investigated. Substantial characterization sampling was performed in areas between removal areas. The removal response action also included a confirmation (post-excavation) sampling program. The soil RI program involved multiple sampling events to supplement the data from the removal action programs. These events are further described in sections 5.4.2 and 5.4.3 of this RI Report.

5.4.2 Removal Action Characterization and Confirmation Program for the Upland Soils

Removal action characterization (delineation) sampling commenced in July 1994 and continued throughout the upland removal action. Excavation and confirmation sampling activities began in March 1995 and continued throughout the upland removal action. Sample locations for excavation and confirmation samples are provided in Figure 5-4 and Figure 5-5 for surface (0 to 2 ft bgs) and subsurface (2 to 6 ft bgs) soil respectively. The excavation was completed in the summer of 1997.

Surface and subsurface soil samples were collected during the removal action using the following methods: (i) hand augering; (ii) test trenching; (iii) StrataprobeTM direct push drilling; (iv) hollow-stem auger drilling; and (v) mud rotary drilling. Characterization analytical results

were compared to USEPA-established site removal clean-up goals to delineate areas. The delineated removal areas were typically removed using conventional excavation equipment. Some areas required dredging and filter pressing operations. Characterization samples collected outside the limits of removal areas represent the existing condition (post-removal) of the site. A total of 1,483 removal characterization samples represent areas outside of removal areas.

Confirmation soil samples were collected to document post removal chemical constituent concentrations in the vicinity of the removal excavation areas. Confirmation samples were collected from the subgrade and sidewalls of the excavation areas. The confirmation subgrade samples were generally composite samples covering a maximum approximate surface area of 2500 ft²; nominally 50 ft by 50 ft. The confirmation sidewall samples were generally composite samples collected from the perimeter of removal areas approximately every 100 linear ft. Confirmation samples were compared to USEPA-established site removal clean-up goals to assess whether the removal objectives were adequately met. If confirmation sample constituent concentrations were unacceptable, further removal was performed at the corresponding subgrade or sidewall. Once confirmation sampling showed that the contaminated concentrations in the subgrade and perimeter of removal areas were satisfactory to the USEPA on-scene coordinator ("OSC"), the area was backfilled with clean fill from off-site borrow sources to restore the natural grade and promote positive drainage. A total of 863 confirmation samples represent the final subgrade and sidewall of the removal areas. Details of the removal response activities performed at each removal area are documented in separate Close-Out Reports. These Close-Out Reports include the following information: (i) characterization and delineation sampling and analytical results, (ii) waste removal activities; (iii) confirmation sampling and analytical results; (iv) removal record drawings; and (v) backfill and vegetation activities.

The following removal area Close-Out Reports were prepared as each removal action in each categorical area of the site was completed, and submitted to the USEPA OSC for approval (and revised as dictated by OSC's review):

- Close-Out Report: Former Facility Disposal Area and South Dredge Spoils Area (September 9, 1996)
- Close-Out Report: Anode Loading Area (January 9, 1997)
- Close-Out Report: Salt Dock Areas (January 9, 1997)
- Close-Out Report: South Separator (February 17, 1997)
- Close-Out Report: North Separator (February 17, 1997)
- Close-Out Report: Scrap Yard and Cell Parts Area (April 30, 1997)
- Close-Out Report: Outfall Pond and Canal (April 29, 1997)
- Close-Out Report: Hydrogen Line and Hydrogen Metering Station (May 16, 1997)
- Close-Out Report: Outfall Pond Berm and North Dredge Spoils Area (December 5, 1997)
- Close-Out Report: Old South Tank Farm (December 8, 1997)
- Close-Out Report: South Rail Yard and Caustic Area (December 8, 1997)

- Close-Out Report: North Area which includes the following subareas (December 18, 1997)
 - North Removal Area
 - North Removal Expansion Area
 - Waste Disposal Impoundment
 - Boiler House Area
 - North Rail Yard
 - North Central Area
 - Bunker C and Secondary Bunker C Areas
- Close-Out Report: Brine Mud Impoundments and South Removal Area (December 19, 1997)
- Close-Out Report: Retort Area and Material Staging Area (January 29, 1998)
- Close-Out Report: Cell Building Area (February 3, 1998)
- Close-Out Report: Upland Summary, Final Grading and Sewer Closure (June 12, 1998).

5.4.3 Remedial Investigation Program for the Upland Soils

Multiple RI soil investigation programs were implemented in the upland portion of the LCP Site, four during the 1995-1997 removal action and six additional events from 2004 to 2011. The sampling programs are as follows:

- Phase I Upland Soil Investigation was conducted in 1995;
- Sampling in the Arco community by the USEPA in 1995;
- Phase II Upland Soil Sampling was performed in December 1996;
- Off-site Tank Farm sampling was conducted in 1997;
- Sampling in the Arco community by the Responsible Parties in 2004;
- Supplemental sampling for the Baseline Ecological Risk Assessment in 2008;
- Confirmation PCB Upland Soil Sampling in 2008;
- Supplemental sampling to evaluate Leachability of Constituents in upland soils in 2009;
- Supplemental soil characterization in the former Drive-in-Theater area in 2010; and
- Characterization for polychlorinated dibenzo-*p*-dioxin and polychlorinated dibenzo-*p*-furan congeners (dioxins/furans) in 2011.

Remedial investigation samples collected during these programs are provided in Figure 5-6 and Figure 5-7 for surface (<2 ft bgs) and subsurface (>2 ft bgs) locations respectively. A summary of each event is provided below.

The purpose of the Phase I Upland Soils Investigation was to assess the degree of preferential vertical distribution of chemical constituents in soil as described previously (Test Pit A and Test Pit B). Grab samples were collected from test trenches at typical discrete depths of 0 ft, 0.5 ft,

1.25 ft, and 2.0 ft. A set of nine test trenches was located at two different areas of the site. One set of test trenches was located in the east portion of the site in an area that had little industrial activities. The second set of test trenches was located immediately east of the main site railroad spur in the southern portion of the site in an area suspected to be more heavily contaminated. Each test trench was excavated approximately 5 ft long and approximately 2 ft deep. Trench sidewalls were physically described and photographed. A total of 72 soil samples were collected from the test trenches for chemical analysis and physical testing.

In 1995, the USEPA conducted sampling in the Arco community southeast of the LCP property. Five residences were sampled with two composite samples – front yard and back yard – obtained from each residence. Each composite sample was comprised of five sample aliquots (i.e., a “five-point composite”) of the upper 3 inches of soil. This sampling event was performed to support a health consultation analysis by the Agency for Toxic Substances and Disease Registry (“ATSDR”). The ATSDR concluded in its August 25, 1995 Record of Activity report (page 2) that *“the levels of total metals (including mercury), cyanide, pesticides, PCBs, and semi-VOCs detected in the surface soils do not represent a public health threat”* and that no further action was recommended by the agency (ATSDR, 2010).

The Phase II Upland Soils Investigation was focused on verifying the removal action characterization previously performed on the eastern portion of the site. Nine random sampling points were identified and collected. Each sampling point consisted of a square with an approximate side length of 25 ft from which two five-point composite samples were collected. The samples were collected from depth ranges of 0 to 1 ft and 2 to 3 ft. A grab sample aliquot was randomly selected from each five-point composite samples for analysis of metals, PCBs, SVOCs, and VOCs. A total of 18 soil samples were collected and chemically analyzed.

The purpose of the off-site tank farm sampling was to characterize surface and subsurface soils at the locations of former refinery tanks east of Ross Road. Fourteen sample points at three former tank locations were identified and sampled. Sample points were located at the approximate center and corners of the former tank enclosures. Grab samples were collected from each sample point at typical depth increments of 0 to 1 ft and 2 to 3 ft. A total of 27 soil samples were collected and chemically analyzed.

The second sampling event in the Arco community was performed by the Responsible Parties in November 2004 and was broader in geographic coverage and sample size. City blocks were divided into quadrants to create 36 sampling grids. The Phase 1 effort consisted of sampling grids 1-16 and 33-36. Samples were collected from each grid as 5-point composites. Composite sampling was conducted at two depth increments. Surface samples were collected from a 0 to 3-inch depth interval to be consistent with ATSDR’s Public Health Assessment methodology, and from a 0 to 12-inch depth interval consistent with the Site characterization methodology. Samples for the two different depth increments were collected immediately adjacent to each other (i.e., offset by a few inches).

In 2008, fifty surface soil samples were collected during the course of two sampling events. The first event was intended to provide supplemental data for the baseline ecological risk assessment for OU3. Surface soil samples were collected from across the site and analyzed for PCBs, polycyclic aromatic hydrocarbons (“PAHs”), lead, mercury, and methyl mercury. The other

events were intended to re-characterize the soil concentrations of Aroclor compounds in soils in two areas of Quadrant 2 (soils adjacent to the former Cell Building and near Test Pit A), originally characterized by the TEG onsite laboratory.

The leachability potential of constituents in upland soil was evaluated in 2009. Samples were collected from 30 locations across the upland portions of the site. The depth interval of the samples varied somewhat, but most were within the 0 to 2 ft bgs and all were within the top 5 ft bgs. The samples were analyzed for PCBs, PAHs and metals. Results of the batch sequential leaching study were provided in the January 4, 2010 draft of the HHBRA (EPS, 2010).

In 2010, the former Drive-in Theater area was sampled at the request of USEPA to provide supplemental soil characterization in the northeastern portion of the property (i.e., Quadrant 1). A total of 10 soil samples were collected from five locations to provide improved spatial coverage of the area when combined with locations of samples previously collected in this area. Soil samples were collected at two depths at each location, the first from 0 to 1 ft bgs, and the second from 2 to 3 ft bgs. The samples were analyzed for a comprehensive set of constituents. The results of this sampling event were summarized in a letter report to USEPA dated February 3, 2011 (EPS, 2011a).

In 2011, at the request of USEPA upland soils were sampled for polychlorinated dibenzo-*p*-dioxin and polychlorinated dibenzo-*p*-furan congeners (dioxins/furans). This sampling event used Incremental Sampling Methodology ("ISM"), which is consistent with recent USEPA draft guidance related to soils reassessment at dioxin sites (USEPA, 2010b). ISM is a structured composite sampling and processing protocol that is designed to reduce data variability and provides a robust estimate of the mean concentration of an analyte in the area/volume of soil being sampled. The sampling methodology and locations are shown on Figures 5-8a to 5-8e. The results of this sampling event were summarized in a report to USEPA dated July 2011 (EPS, 2011b).

6 RISK ASSESSMENT SUMMARY

6.1 Introduction

An HHBRA and a BERA were conducted as components of the OU3 RI. These risk assessments evaluated baseline risks (i.e., risks that would exist if no further remediation were applied) to human and ecological receptors in order to provide a basis for determining the need for remedial action.

Risk assessment is a regulatory process that uses information about the toxicity of chemical constituents to estimate a theoretical level of risk for humans or ecological receptors that might be exposed to those substances. This process is used to determine if levels of constituents in environmental media pose an unacceptable risk as defined by regulatory standards and requirements. When reviewing the results of any risk assessment, it is important to recognize that the risk estimates are intended to facilitate those determinations, but are not necessarily predictive of adverse health effects for any person or ecological receptors.

This section summarizes the HHBRA and BERA. The full human health and ecological risk assessment reports were submitted under separate cover (EPS, 2012; CDR and EPS, 2010).

6.2 Human Health Risk Assessment

6.2.1 Overview

The initial draft HHBRA was prepared in 1997 and a revised HHBRA was prepared in 1999 (Geraghty & Miller, 1999). Those reports evaluated human health risks in the estuary and upland portions of the Site. In 2005, the USEPA segregated the upland and estuary into separate operable units and a stand-alone HHBRA was subsequently prepared for the upland portion of the Site (OU3). The final version of the OU3 HHBRA was submitted in January 2012 and was approved by USEPA in a letter dated February 22, 2012 (USEPA, 2012a).

The OU3 HHBRA followed the risk assessment framework outlined in the USEPA's *Risk Assessment Guidance for Superfund, Volume I, Part A* ("RAGS") (USEPA, 1989) including updates and supplemental guidance. The overall goal of the HHBRA was to develop essential scientific information that can be used in decision-making regarding the Site uplands in support of an evaluation of the need for remedial action. To accomplish this goal, the specific objective of this assessment was to quantitatively evaluate whether residual constituents of potential concern ("COPC") detected in upland soil, that was not removed during the upland removal response action implemented between 1994 and 1997, present a potential exposure and health risk to current or potential future receptors at the Site.

The HHBRA was conducted consistent with USEPA guidance under CERCLA, and was a four-part process consisting of the following components:

- 1) *Data Analysis and COPC Selection* - The analytical data used in the risk assessment are presented, including the range of detected concentrations, frequency of detection in Site-associated samples and other summary statistics. COPC are selected through comparisons to conservative risk-based screening levels and quantitative risk estimates are subsequently calculated for those constituents.
- 2) *Exposure Assessment* - Scenarios under which exposure to COPC could occur under current or reasonably foreseeable future Site uses are discussed, and a set of hypothetical receptor scenarios that provide an overall characterization of potential risks is developed. The complete exposure pathways by which receptors could be exposed to COPC are discussed. Conservative estimates of the intake of each COPC by each receptor through the relevant pathways are calculated.
- 3) *Toxicity Assessment* - A characterization of the toxicity and dose-response characteristics of each COPC is provided with regard to potential carcinogenic and non-carcinogenic effects. This step provides a quantitative representation of toxicity that can be used in conjunction with the intake information from the Exposure Assessment to characterize potential risks.
- 4) *Risk Characterization* - The information provided by the Exposure Assessment and Toxicity Assessment is combined to yield quantitative estimates characterizing the relationship between estimated exposures and potential toxicity. Risk estimates for potential excess cancer risk and non-cancer risk are provided and placed into context.

6.2.2 Exposure Unit Designation

For purposes of the risk assessment, the upland areas of the Site were segregated into five exposure units ("EUs"). The roughly 110 contiguous acres of the LCP property was segregated into four approximately equal-area quadrant EUs (Q1 to Q4). The fifth EU was created for the location of three off-site petroleum storage tanks (areas that are now privately owned and used for various commercial operations), designated as the off-site tank farm ("OTF"). Figure 6-1 shows the five EUs used in the HHBRA.

6.2.3 Data Analysis and COPC Selection

6.2.3.1 OU3 Soil Data Sets

Two soil data sets were considered quantitatively in the HHBRA. In one data set, the soil samples analyzed by the TEG on-site laboratory were excluded. The data records generated by the TEG laboratory were in support of the upland removal response action. Some of these data had anomalous results and the laboratory was determined to have sub-standard quality control. For this reason, in mid-1996 TEG was replaced by QAL labs for on-site analytical support during the remainder of the removal response action. All of the other OU3 data records were generated by off-site commercial laboratories. For the second data set, all data including those generated by the TEG on-site laboratory are used in the risk calculations and characterization. The results of the quantitative risk characterization using the second data set (including TEG

laboratory data) are provided in Appendix A of the OU3 HHBRA and are discussed in the uncertainty section of the report.

Both of the soil data sets described above were subjected to several other modifications including the exclusion of samples collected at depths below 6-ft bgs, exclusion of samples without known geographic coordinates, exclusion of samples from locations that were removed during the upland removal response action, and removal of blind duplicate samples. Additional details regarding the soil data sets are provided in Appendix B of the OU3 HHBRA.

6.2.3.2 COPC Screening Process

Analytical data from the soil data set (excluding the records generated by the TEG on-site laboratory) were segregated by EU and subjected to a “screening” process to identify COPC. This screening process was developed with extensive input from the USEPA and GAEPD and included the following steps:

1. Elimination of constituents for which the maximum detected concentration in a particular EU did not exceed the applicable USEPA RSL¹ for residential soil obtained from the December 2010 RSL Tables (USEPA 2010a);
2. Elimination of six inorganic constituents (calcium, chloride, magnesium, phosphorus, potassium, and sodium) because they are considered essential human nutrients (USEPA, 2000); and
3. Elimination of constituents that were detected in fewer than 5% of the relevant samples, with the added provision that no more than 5% of the results for those constituents could have detection limits that exceed the applicable residential RSL.

Constituents that could not be eliminated in Step 3 (because of detection limits that exceed the applicable residential RSL in more than 5% of data records) were given a “B” flag and were subjected to further screening refinements, including:

4. Elimination of constituents with fewer than 5% of Level 4 (i.e., higher quality) data records with detection limits that exceed the relevant residential RSL;
5. Elimination of constituents with fewer than 10% of Level 4 data records with detection limits that exceed the relevant USEPA contract required quantitation limits (CRQL);
6. Elimination of constituents with no detections in samples from material that had been excavated in the removal response action and 10% or more Level 4 data with detection limits below the relevant residential RSL; and
7. Elimination of constituents for which there is no evidence of historical use at the Site.

This COPC screening process is detailed in Tables 1A through 5C of the OU3 HHBRA. The COPC identified in each of the EUs are summarized in the table below.

¹ Per USUSEPA Region 4 risk assessment guidance (2000), the residential RSLs for non-carcinogens were adjusted to a target hazard quotient of 0.1 for screening purposes. For some constituents, “surrogate” RSLs were used in the COPC screening based on recommendations from USUSEPA Region 4.

COPC	OTF	Quad 1	Quad 2	Quad 3	Quad 4
1,1,2,2-Tetrachloroethane				X	
1,2,4-Trimethylbenzene				X	X
1,4-Dichlorobenzene				X	
1-Methyl Naphthalene				X	X
2-Methylnaphthalene				X	
4,6-Dinitro-2-methylphenol				X	
Aluminum				X	X
Antimony				X	X
Aroclor-1016				X	
Aroclor-1221			X		
Aroclor-1254			X	X	X
Aroclor-1260		X	X	X	X
Aroclor-1268 ⁽¹⁾		X	X	X	X
Arsenic	X	X	X	X	X
Benzene				X	
Benzo(a)anthracene	X	X	X	X	X
Benzo(a)pyrene	X	X	X	X	X
Benzo(b)fluoranthene	X	X	X	X	X
Benzo(b/k)fluoranthene ⁽²⁾		X	X		
Benzo(k)fluoranthene				X	X
bis(2-Chloroethyl) ether				X	
bis(2-Ethylhexyl) phthalate		X			
Carbazole			X	X	
Chloroform					X
Chromium ⁽³⁾	X	X	X	X	X
Chrysene					X
Cobalt					X
Dibenzo(a,h)anthracene	X	X	X	X	X
Dibromochloromethane				X	
Dichloromethane				X	
Ethyl benzene				X	
Indeno(1,2,3-cd)pyrene		X	X	X	X
Iron		X	X	X	X
Lead	X	X		X	X
Manganese					X
Mercury	X	X	X	X	X
Naphthalene				X	X
n-Butylbenzene ⁽⁴⁾				X	X
n-Propylbenzene ⁽⁴⁾				X	
Tetrachloroethene					X
Vanadium		X	X	X	X
Zinc					X

⁽¹⁾ Aroclor-1268 was identified as a COPC based on comparisons to the RSL for Aroclor-1254.

⁽²⁾ Benzo(b/k)fluoranthene was identified as a COPC based on comparisons to the RSL for Benzo(b)fluoranthene.

⁽³⁾ Chromium was identified as a COPC based on comparisons to the RSL for hexavalent chromium.

⁽⁴⁾ n-Butylbenzene and n-Propylbenzene were identified as COPC based on comparisons to the RSL for ethylbenzene.

There were several additional constituents that could not be completely eliminated as COPC based on the refined screening process described above, and were identified as “Qualitative COPC”. The significance of these constituents was discussed in the uncertainty section of the OU3 HHBRA Report.

6.2.4 Exposure Assessment

6.2.4.1 Overview

Exposure is defined for risk assessment purposes as contact with constituents in environmental media at the outer boundaries of the body, such as the gastrointestinal tract (for ingestion route) and skin (for the dermal route). Exposure assessment is the process of measuring or estimating the intensity, frequency, and duration of human exposure to COPC. This information is integrated with estimates of chemical concentrations in soil and ambient air to quantitatively estimate the COPC intake, or dose.

To provide some understanding of the range of exposures and consequent risks, scenarios based on both reasonable maximum exposure ("RME") and central tendency exposure ("CTE") were evaluated. The RME provides an estimate of the highest reasonable exposure possible to an individual. Such an individual is defined as the RME receptor and is generally considered to be at the 90th percentile of the exposure distribution or higher, whereas the CTE provides a midrange estimate.

6.2.4.2 Current and Future Property Use

Glynn County Planning Commission Land Use maps show the area as property zoned industrial for both current and future use. The intended future land use for the property is commercial/industrial use. Future use of the LCP site is anticipated to remain largely commercial/industrial, although some portions of the site may be amenable to less restrictive future land use. Honeywell has no intention of converting any portion of the property to residential use, and this restriction will be recorded (i.e., deed restriction) in the event the property or portions thereof are sold in the future.

Notwithstanding the foregoing, it is common practice with any HHBRA to evaluate a scenario involving residential reuse. The future hypothetical resident risk characterization is useful as a conservative surrogate for virtually any type of unrestricted land use and as such, the analysis may be useful to future land planning for various sub-portions of the property.

As described in Section 3.1, Glynn County recently purchased 35 acres of land in the northeast quadrant of the Site (Q1), encompassing the area associated with the former Sunshine Drive-in Theater and the land south extending to B Street, where it plans to build a detention facility. This purchased area is essentially equivalent to Quadrant 1 evaluated in the HHBRA.

6.2.4.3 Human Receptors

The receptors evaluated in the OU3 HHBRA include:

- current/future industrial worker;
- future excavation worker;
- current trespasser;
- future trespasser; and
- future hypothetical resident.

Current/Future Industrial Worker

Site workers presently perform operations and maintenance ("O&M"), comprised of mowing of unimproved access roads and the operation of a groundwater treatment system. These activities are generally limited to areas of the Site which have already been remediated during the removal action.² Therefore, the assessment of the Industrial Worker scenario in the HHBRA is a conservative evaluation of the workers presently performing O&M activities at the Site.

For the purposes of the risk assessment, Industrial Workers were assumed to be exposed to surficial soil (defined as 0 to 2 ft bgs) without any specialized protective equipment or clothing other than common outdoor work clothes. The Industrial Worker scenario includes potential exposure to constituents via ingestion, dermal contact, and inhalation of particulates and vapors. The exposure parameters utilized for the Industrial Worker scenario are presented in Tables 6A (RME) and 6B (CTE) of the OU3 HHBRA.

Future Excavation Worker

In the event that any surface or subsurface excavations were to occur at the Site, future Excavation Workers potentially could come in contact with constituents in a "mixed soil" interval consisting of both surficial and subsurface soil (defined here as 0 to 5 ft bgs). For the purposes of the risk assessment, Excavation Workers were assumed to be exposed to soil without any specialized protective equipment or clothing other than common outdoor work clothes. The Excavation Worker scenario includes potential exposure to constituents via ingestion, dermal contact, and inhalation of particulates and vapors potentially released from the soil during excavation activities. The exposure parameters utilized for the Excavation Worker scenario are presented in Tables 7A (RME) and 7B (CTE) of the OU3 HHBRA.

Current and Future Trespassers

Following USEPA Region 4 guidance, both the current and future Trespasser scenarios are based on an adolescent who might visit the property on an intermittent basis (USEPA, 2000). This scenario includes potential exposure to COPC in surface soil (0 to 2 ft bgs) via ingestion, dermal

² All current site operations and maintenance (O&M) personnel are HAZWOPER trained and subscribe to annual remedial monitoring and training, and are versed in the use of personal protective equipment for occasions which require potential exposure to COPC.

contact, and inhalation of particulates and vapors. Because access to the Site is currently controlled by fencing, a gate, signage, and personnel, the Current Trespasser scenario assumes exposure frequencies of 24 days/year and 6 days/year for the RME and CTE scenarios, respectively.

A separate Future Trespasser scenario was included in the HHBRA to reflect the possibility that Site access might not be controlled as tightly in the future. An exposure frequency of 52 days/year is assumed for the RME future scenario, which is consistent with the HHBRA for OU1 (EPS, 2011). The CTE exposure frequency is the same between the current and future scenarios. The exposure parameters utilized for the Trespasser scenarios are presented in Tables 8A (RME) and 8B (CTE) of the OU3 HHBRA.

Future Hypothetical Resident

As described previously, Honeywell has no intention of converting any portion of the property to residential use, and this restriction will be recorded (i.e., deed restriction) in the event the property or portions thereof are sold in the future. Nevertheless, the Future Hypothetical Resident scenario conservatively evaluates potential exposure to COPCs via ingestion of and dermal contact with surficial soil, and inhalation of particulates and vapors in air. Potential inhalation exposure to vapors in indoor air was not included as a potential exposure route in this assessment, but will be evaluated in the HHBRA for the Groundwater Operable Unit (OU2). The exposure parameters utilized for the Future Hypothetical Resident scenario are presented in Tables 9A (RME) and 9B (CTE) of the OU3 HHBRA.

6.2.4.4 Exposure Point Concentrations

An exposure point concentration ("EPC") is the concentration of a COPC in a given medium to which a receptor may be exposed. The USEPA's ProUCL software version 4.00.05 (USEPA, 2007) was used to calculate EPC for soils in all of the EUs. Separate EPCs were calculated for the surface soil (0 to 2 ft bgs) and mixed soil (0 to 5 ft bgs) intervals, both including and excluding the data records generated by the TEG on-site laboratory. The ProUCL EPC recommendations for each COPC in surface soil and mixed soil in each EU are provided in Tables 10 and 11 of the OU3 HHBRA.

6.2.5 Toxicity Assessment

The toxicity assessment provides a description of the relationship between the dose of a chemical and the potential for an adverse health effect. The purpose of toxicity assessment is to provide a quantitative estimate of the potential inherent toxicity of COPC for use in risk characterization. For risk assessment purposes, potential effects of constituents are separated into two categories: 1) carcinogenic effects; and 2) non-carcinogenic effects.

The USEPA assumes that most carcinogenic constituents do not exhibit a response threshold. Potential carcinogenic effects resulting from human exposure to chemicals are estimated quantitatively using cancer slope factors ("CSFs"), which represent the theoretical increased risk per milligram of chemical intake per kilogram body weight per day. CSFs are derived for

chemicals that the USEPA identifies as “known” or “likely” human carcinogens and are used to estimate a theoretical upper-bound lifetime probability of an individual developing cancer as a result of exposure to a potential carcinogen.

It is generally accepted that non-carcinogenic effects of constituents occur only after a threshold dose is achieved. Potential non-carcinogenic effects resulting from human exposure to chemicals are estimated quantitatively using reference doses ("RfDs"). The RfD is an estimate of a sensitive individual's daily maximum level of exposure to a constituent that is likely to be without an appreciable risk of adverse effects. The USEPA defines reference doses as “an estimate (with uncertainty spanning perhaps an order of magnitude) 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).

With the exception of the COPCs discussed in the bullets below, CSF and RfD values specific to each COPC were obtained from the December 2010 edition of USEPA's RSL Table (USEPA, 2010). The RSL Table provides a selection of constituent-specific values from a defined hierarchy of sources outlined in USEPA guidance (USEPA, 2003a). These values are summarized in Table 13 of the OU3 HHBRA.

- PCBs – The USEPA has only developed CSFs or RfDs for a limited number of the commercial PCB mixtures (i.e., Aroclors). For the evaluation of potential carcinogenic effects, the CSF value corresponding to “high risk/persistence” PCB mixtures from USEPA's Integrated Risk Information System ("IRIS") was used to estimate the potential carcinogenic risks associated with exposures to all of the Aroclors identified as COPC. For the evaluation of potential non-carcinogenic effects, IRIS contains RfD values for two different PCB mixtures, Aroclor-1016 and Aroclor-1254. As a conservative measure, the RfD for Aroclor-1254 was used to calculate non-cancer hazard estimates for Aroclor-1221 and Aroclor-1260. The non-cancer hazard estimates for Aroclor-1268 were calculated two ways: one using the RfD for Aroclor-1254 and one using the RfD for Aroclor-1016. The uncertainties associated with the use of the more conservative Aroclor-1254 toxicity values to evaluate Aroclor-1268 are discussed in the uncertainty section of the OU3 HHBRA Report.
- n-Butylbenzene and n-Propylbenzene – USEPA has not developed CSFs or RfDs for these constituents. The CSF and RfD for ethylbenzene were used as “surrogate” toxicity values to estimate cancer risks and non-cancer hazards for these two COPC.
- Lead – The toxicological effects of lead in humans have been correlated with the concentrations of lead in blood. Therefore, the preferred risk assessment approach for lead is the estimation of human blood lead concentrations associated with relevant exposure scenarios. Potential health hazards for Industrial and Excavation receptors were evaluated using the USEPA's Adult Lead Model (USEPA, 2003b). The results of this modeling exercise are presented in Table 12 of the OU3 HHBRA. Because future residential exposures are not expected and the lead EPCs in surface soil were all below the USEPA's default residential screening value of 400 mg/kg, no further evaluation of lead was conducted for the Future Hypothetical Resident scenario.

6.2.6 Risk Characterization

The risk characterization integrates the exposure estimates for Site receptors with the representations of the potential toxicity derived for each COPC. This integration yields quantitative estimates of theoretical excess lifetime cancer risks and non-cancer hazard quotients for COPC. These estimates provide a quantitative representation of the relationship between hypothetical exposures and potential toxic responses. The risk characterization also provides an interpretation of the potential significance of the risk estimates by comparing them to regulatory guidelines indicating the need for addressing risks and hazards.

6.2.6.1 Calculation of Excess Lifetime Cancer Risks

Theoretical excess lifetime cancer risk ("ELCR") estimates for receptors are expressed as an upper-bound probability of additional lifetime cancer risk due to exposure to Site-related chemical constituents. These estimates do not reflect an individual's overall lifetime risk of developing cancer, which is, without Site exposure, already between one-in-two (2×10^{-1} or 2E-1) and one-in-three (3×10^{-1} or 3E-1) (ACS, 2011), but only the additional incremental risk that is theoretically related to exposure to Site COPC.

For each receptor scenario, theoretical ELCR estimates are calculated for each carcinogenic COPC by multiplying the lifetime average daily intake estimated for that COPC by its CSF (USEPA 1989). This approach to calculating ELCR estimates incorporates the assumptions that increased risk of cancer resulting from exposure to a constituent is directly proportional to constituent intake averaged over a lifetime and there is no dose below which carcinogenic effects cannot occur. This assumption ensures that ELCR estimates for each receptor are upper-bound (i.e., the actual risk is very unlikely to be higher, and is expected to be lower).

Under the National Contingency Plan ("NCP"), 40 CFR Part 300, cancer risk levels for chemical constituents are evaluated in relation to the USEPA's target range of 10^{-4} (1 in 10,000) to 10^{-6} (1 in 1,000,000) for incremental cancer risk. Calculated upper-bound ELCR estimates less than 1×10^{-6} are considered to be insignificant, and ELCR estimates greater than 1×10^{-4} require further characterization, but not necessarily remedial action or other risk reduction measures. Risk managers can exercise discretion in interpreting these upper-bound risk estimates in the context of site-specific conditions.

Tables 14 and 15 of the OU3 HHBRA detail the RME and CTE ELCR estimates, respectively for the Industrial Worker scenario; Tables 16 and 17 detail the RME and CTE ELCR estimates, respectively for the Excavation Worker scenario; Tables 18 and 19 detail the ELCR estimates, respectively, for the Current Trespasser scenario; Tables 20 and 21 detail the ELCR estimates, respectively, for the Future Trespasser scenario; and Tables 22 and 23 detail the ELCR estimates, respectively, for the Future Hypothetical Resident scenario.

6.2.6.2 Calculation of Potential Non-cancer Hazards

Potential non-cancer risks for individual COPC are expressed as Hazard Quotients ("HQs") (USEPA 1989). For each receptor scenario, HQs are calculated as the ratio of the estimated daily intake of each COPC to the corresponding RfD for that COPC. Where the average daily

dose estimated for the COPC exceeds the RfD, the HQ exceeds one (1). An HQ of 1 is typically considered a threshold requiring further evaluation since it indicates that exposure could be higher than the “no-effect” dose represented by the RfD. However, because of the conservative nature of RfDs and the uncertainties surrounding the reference dose, an HQ greater than 1 does not necessarily indicate that harm will occur. Where the HQ is below 1, the average daily dose for the COPC is below the RfD, indicating that an adverse non-cancer effect resulting from exposure to that COPC is unlikely.

The HQs for potential non-cancer risks for multiple COPC across complete exposure pathways and receptors HQs are summed to yield a cumulative Hazard Index ("HI"). Summing all of the individual COPC HQs incorporates the assumption that their risks are all additive, when, in fact, different COPC are expected to act through different mechanisms and on different target organs. The cumulative HIs are useful for rapidly excluding pathways or receptors with negligible potential for non-cancer effects (i.e., where all the COPC HQs added together do not exceed an HI of 1). USEPA guidance recognizes that non-carcinogenic effects are exhibited in specific target organs and that certain chemicals can act in an additive fashion on the same organ.

An HI above 1 for a receptor scenario is typically considered a threshold requiring further evaluation or corrective action since it indicates that exposure could be higher than the “no-effect” doses represented by the RfD. When the HI for a receptor scenario is 1 or below, it indicates that non-cancer effects resulting from exposure to COPC are unlikely.

Tables 14 and 15 of the OU3 HHBRA detail the RME and CTE HQ/HI estimates, respectively for the Industrial Worker scenario; Tables 16 and 17 detail the RME and CTE HQ/HI estimates, respectively for the Excavation Worker scenario; Tables 18 and 19 detail the HQ/HI estimates, respectively, for the Current Trespasser scenario; Tables 20 and 21 detail the HQ/HI estimates, respectively, for the Future Trespasser scenario; and Tables 22 and 23 detail the HQ/HI estimates, respectively, for the Future Hypothetical Resident scenario.

6.2.6.3 Risk / Hazard Summary

With respect to potential carcinogenic effects, only the RME Future Hypothetical Resident scenario in Quadrant 4 had an ELCR estimate that was equal to the upper-end of the USEPA's target risk range (i.e., $1E-4$). The ELCR estimates for all other receptors and EUs were within the USEPA's target risk range of $1E-6$ to $1E-4$. With respect to potential non-carcinogenic effects, the RME Excavation Worker scenario in Quadrant 4; the RME Future Hypothetical Resident scenario in Quadrants 1, 2, 3, and 4; and the CTE Hypothetical Resident scenario in Quadrants 2, 3, and 4 had cumulative HI estimates that exceeded the threshold value of one based on the data set excluding data from the TEG laboratory. The HI estimates for all other receptors and EUs were below one.

The embedded tables below, which mirror the information presented in Tables 24, 25, and 26 of the OU3 HHBRA, summarize the HI and ELCR estimates for each receptor scenario and EU. These tables also summarize the risk/hazard estimates using the data sets with and without the data from the TEG on-site laboratory, and illustrate the differences in the cumulative HI estimates depending on whether the non-cancer hazard for Aroclor-1268 is estimated using the RfD for Aroclor-1016 (i.e., low) or Aroclor-1254 (i.e., high).

Current/Future Industrial Worker

Without TEG Data

RME Summary

Exposure Unit	HI (Low)	HI (High)	ELCR
OTF	0.01	0.01	6E-06
Quad 1	0.1	0.1	3E-06
Quad 2	0.4	0.7	1E-05
Quad 3	0.9	1	1E-05
Quad 4	0.9	1	3E-05

CTE Summary

Exposure Unit	HI (Low)	HI (High)	ELCR
OTF	0.002	0.002	4E-07
Quad 1	0.02	0.02	2E-07
Quad 2	0.07	0.1	9E-07
Quad 3	0.2	0.2	8E-07
Quad 4	0.2	0.3	2E-06

With TEG Data

RME Summary

Exposure Unit	HI (Low)	HI (High)	ELCR
OTF	0.01	0.01	6E-06
Quad 1	0.1	0.1	4E-06
Quad 2	0.8	1	2E-05
Quad 3	1	1	2E-05
Quad 4	1	1	3E-05

CTE Summary

Exposure Unit	HI (Low)	HI (High)	ELCR
OTF	0.002	0.002	4E-07
Quad 1	0.02	0.03	3E-07
Quad 2	0.1	0.2	2E-06
Quad 3	0.2	0.3	1E-06
Quad 4	0.2	0.3	2E-06

Future Excavation Worker

Without TEG Data

RME Summary

Exposure Unit	HI (Low)	HI (High)	ELCR
OTF	0.03	0.03	3E-07
Quad 1	0.2	0.2	2E-07
Quad 2	0.8	1	6E-07
Quad 3	1	1	4E-07
Quad 4	2	3	1E-06

CTE Summary

Exposure Unit	HI (Low)	HI (High)	ELCR
OTF	0.009	0.009	4E-08
Quad 1	0.05	0.1	2E-08
Quad 2	0.2	0.4	7E-08
Quad 3	0.4	0.4	6E-08
Quad 4	0.5	0.9	2E-07

With TEG Data

RME Summary

Exposure Unit	HI (Low)	HI (High)	ELCR
OTF	0.03	0.03	3E-07
Quad 1	0.4	0.7	3E-07
Quad 2	2	4	1E-06
Quad 3	1	2	1E-06
Quad 4	2	3	2E-06

CTE Summary

Exposure Unit	HI (Low)	HI (High)	ELCR
OTF	0.009	0.009	4E-08
Quad 1	0.1	0.2	4E-08
Quad 2	0.5	1	1E-07
Quad 3	0.5	0.5	1E-07
Quad 4	0.6	0.8	2E-07

Shading indicates HI estimates that exceed the USEPA's threshold value of 1.

Current Trespasser

Without TEG Data

RME Summary

Exposure Unit	HI (Low)	HI (High)	ELCR
OTF	0.001	0.001	3E-07
Quad 1	0.01	0.01	1E-07
Quad 2	0.05	0.09	7E-07
Quad 3	0.1	0.1	5E-07
Quad 4	0.1	0.2	2E-06

CTE Summary

Exposure Unit	HI (Low)	HI (High)	ELCR
OTF	0.0001	0.0001	3E-08
Quad 1	0.001	0.001	2E-08
Quad 2	0.006	0.01	9E-08
Quad 3	0.01	0.02	6E-08
Quad 4	0.02	0.03	2E-07

With TEG Data

RME Summary

Exposure Unit	HI (Low)	HI (High)	ELCR
OTF	0.001	0.001	3E-07
Quad 1	0.01	0.02	2E-07
Quad 2	0.1	0.2	1E-06
Quad 3	0.1	0.2	7E-07
Quad 4	0.1	0.2	2E-06

CTE Summary

Exposure Unit	HI (Low)	HI (High)	ELCR
OTF	0.0001	0.0001	3E-08
Quad 1	0.001	0.002	2E-08
Quad 2	0.01	0.03	2E-07
Quad 3	0.02	0.02	9E-08
Quad 4	0.02	0.03	2E-07

Future Trespasser

Without TEG Data

RME Summary

Exposure Unit	HI (Low)	HI (High)	ELCR
OTF	0.002	0.002	6E-07
Quad 1	0.02	0.02	3E-07
Quad 2	0.11	0.20	2E-06
Quad 3	0.2	0.3	1E-06
Quad 4	0.3	0.4	3E-06

CTE Summary

Exposure Unit	HI (Low)	HI (High)	ELCR
OTF	0.0001	0.0001	3E-08
Quad 1	0.001	0.001	2E-08
Quad 2	0.006	0.01	9E-08
Quad 3	0.01	0.02	6E-08
Quad 4	0.02	0.03	2E-07

With TEG Data

RME Summary

Exposure Unit	HI (Low)	HI (High)	ELCR
OTF	0.002	0.002	6E-07
Quad 1	0.025	0.034	4E-07
Quad 2	0.23	0.41	3E-06
Quad 3	0.29	0.33	2E-06
Quad 4	0.3	0.4	3E-06

CTE Summary

Exposure Unit	HI (Low)	HI (High)	ELCR
OTF	0.0001	0.0001	3E-08
Quad 1	0.001	0.002	2E-08
Quad 2	0.01	0.03	2E-07
Quad 3	0.02	0.02	9E-08
Quad 4	0.02	0.03	2E-07

Future Hypothetical Resident

Without TEG Data

RME Summary

Exposure Unit	HI (Low)	HI (High)	ELCR
OTF	0.1	0.1	2E-05
Quad 1	1	1	1E-05
Quad 2	4	7	5E-05
Quad 3	9	10	5E-05
Quad 4	10	15	1E-04

CTE Summary

Exposure Unit	HI (Low)	HI (High)	ELCR
OTF	0.06	0.06	4E-06
Quad 1	0.7	0.8	3E-06
Quad 2	2	4	9E-06
Quad 3	5	6	8E-06
Quad 4	5	8	2E-05

With TEG Data

RME Summary

Exposure Unit	HI (Low)	HI (High)	ELCR
OTF	0.1	0.1	2E-05
Quad 1	1	2	2E-05
Quad 2	8	15	9E-05
Quad 3	11	13	6E-05
Quad 4	11	15	1E-04

CTE Summary

Exposure Unit	HI (Low)	HI (High)	ELCR
OTF	0.06	0.06	4E-06
Quad 1	0.7	0.9	3E-06
Quad 2	4	8	2E-05
Quad 3	6	7	1E-05
Quad 4	6	8	2E-05

Shading indicates HI estimates that exceed the USEPA's threshold value of 1.

6.2.6.4 Risk Characterization for Dioxins/Furans

A separate assessment was conducted at the request of the USEPA to provide soil characterization for polychlorinated dibenzo-*p*-dioxin and polychlorinated dibenzo-*p*-furan congeners (dioxins/furans) for OU3. The results of this sampling event were summarized in a report submitted to the USEPA in July 2011 (EPS, 2011b). The assessment relied on data generated using a sampling technique known as “Incremental Sampling Methodology (“ISM”), which is a structured composite sampling and processing protocol that is designed to reduce data variability and provide a robust estimate of the mean concentration of an analyte in the area/volume of soil under investigation.

The concentrations of dioxins/furans in all of the ISM samples collected throughout the Site were below the current USEPA soil cleanup levels for these constituents in residential and commercial/industrial soil (USEPA, 1997a). The ISM data were also compared with more conservative interim draft recommended preliminary remediation goal value for dioxins/furans in residential soils (USEPA, 2009). The results indicate that only one pair of replicate ISM samples collected in the southeast portion of the Site (i.e., Quadrant 2) exceeded the conservative residential screening values. Further risk characterization of the ISM sample results for Quadrant 2 demonstrated that the cancer risk estimates and non-cancer hazard estimates in that EU are below USEPA regulatory thresholds for these endpoints. The overall conclusion of the

OU3 dioxin/furan characterization was that that these constituents do not represent a health concern for future commercial or industrial uses at the Site.

Subsequent to the approval of the OU3 dioxin/furan characterization report (EPS, 2011b), the USEPA finalized its non-cancer toxicity assessment for dioxins, resulting in a new RfD for 2,3,7,8-tetrachlorodibenzop-*p*-dioxin (USEPA, 2012b). The use of this new RfD would not alter the conclusions regarding acceptable risks/hazards for the Site worker scenarios.

6.2.6.5 Remedial Goal Options

USEPA Region 4 guidance requires the development of RGOs for all COC, which are defined as the COPC that contribute significantly to unacceptable ELCR or HI estimates for a receptor scenario (USEPA, 2000). The COC identified in each of the EUs are summarized in the table below.

COC	Quad 1 ⁽¹⁾	Quad 2	Quad 3	Quad 4	OTF
4,6-Dinitro-2-methylphenol			X		No COCs Identified
Aluminum			X		
Antimony			X	X	
Aroclor-1221		X			
Aroclor-1254		X	X	X	
Aroclor-1260	X	X	X	X	
Aroclor-1268	X	X	X	X	
Arsenic			X	X	
Benzo(a)anthracene				X	
Benzo(a)pyrene				X	
Chromium				X	
Dibenzo(a,h)anthracene				X	
Iron	X	X	X	X	
Mercury	X	X	X	X	

⁽¹⁾The COCs for Quad 1 related only to the Hypothetical Resident Scenario.

Table 6-1³ provides receptor-specific RGOs for the COCs identified in each EU. For carcinogenic endpoints, RGOs were calculated based on risk targets of 1×10^{-4} , 1×10^{-5} , and 1×10^{-6} . For non-carcinogenic endpoints, RGOs were developed based on target HQs of 0.1, 1.0, and 3.0.

6.2.7 Characterization of Uncertainties

Uncertainties are inherent in the quantitative risk assessment process due to the use of environmental sampling results, assumptions regarding exposure, and the quantitative representation of chemical toxicity. Analysis of the uncertainties in risk assessment provides a better understanding of the quantitative results through the identification of the uncertainties that most significantly affect the results so that risk managers are better informed when evaluating

³ This table is a reproduction of Table 27 of the OU3 HHBRA Report (EPS, 2012). It should be noted that the RGO values for Aroclor 1268 presented in this table are conservatively based on a surrogate RfD for Aroclor-1254. The use of Aroclor-1016 RfD to calculate Aroclor-1268 RGOs results in values that are approximately 4-times higher.

risk assessment conclusions and the need for remedial action (USEPA, 1989). Sources of uncertainty discussed in the OU3 HHBRA include:

- Uncertainties in toxicity data – The most significant source uncertainty in this category relates to the characterization of risk associated with Aroclor-1268 exposures using surrogate toxicity values for Aroclor-1254. The consensus of the toxicological studies conducted with Aroclor-1268 suggests that it represents the least toxic of the Aroclor mixtures evaluated. An analysis of Aroclor-1268 toxicity from the peer-reviewed literature is presented as an element of uncertainty in the modeling process in Appendix G of the OU3 HHBRA Report.
- Uncertainties in environmental sampling and analysis – The data sets used to evaluate potential risks largely come from samples collected during the removal response action conducted between 1994 and 1998. A substantial number of these samples were analyzed by on-site laboratories that typically did not have detection limit sensitivity available through fixed-base commercial laboratories. Nevertheless, a substantial amount of more recent, higher quality data have been collected throughout the Site and the USEPA has concurred that the investigational program is sufficient to support decision making at the Site. In addition, a significant number of the samples used in this exercise were from the bottom or sidewalls of excavations. These excavations were backfilled with clean soil, which is not similarly “represented” in the data set. These factors increase the certainty that potential receptor risks are not underestimated.
- Uncertainties in the COPC screening process – The OU3 HHBRA included a detailed COPC screening process that compared maximum detected levels and maximum detection limits of constituents to conservative risk-based screening levels for residential receptors. As a result, there were several constituents that were never detected (or detected very infrequently), but were retained as “Qualitative COPC” because their presence could not be definitively ruled out. The use of this conservative screening process in the HHBRA provides a high degree of certainty that the quantitative risk assessment focused on COPCs that had the highest contribution to potential risks.
- Uncertainties in exposure assumptions – The use of standard default “reasonable maximum” exposure assumptions for all of the receptors evaluated makes it likely that potential receptor risks are not underestimated, and may in fact be overestimated. Calculations were also performed with “central tendency” exposure assumptions to provide a frame of reference for the RME risk estimates.
- Uncertainties related to the exclusion of TEG data records – The data sets used to evaluate potential risks are a combination of results from on-site/mobile laboratory testing and off-site/commercial laboratory testing. The OU3 HHBRA includes separate risk calculations for the datasets with and without data from the TEG on-site laboratory. This exercise demonstrates that the exclusion of the TEG data has a relatively minor impact on the conclusions drawn from the risk characterization.

6.3 Summary of the Baseline Ecological Risk Assessment

6.3.1 Overview

The purpose of the BERA is to describe the likelihood, nature, and extent of adverse effects to ecological receptors resulting from exposure to chemicals released to the environment as a result of past Site activities. This information is used by risk managers to decide whether remedial actions are warranted to protect the environment from Site-related impacts. The USEPA has established a general framework for conducting an ecological risk assessment (USEPA, 1998). This framework provides an iterative process in which risk questions are asked, data with which to address the questions are collected and analyzed, and additional study is conducted if warranted. As commonly applied at Superfund sites, ecological risk assessment is envisioned as an eight-step process, starting with a relatively simple screening-level evaluation and proceeding to more detailed and complex investigations and analyses as warranted (USEPA, 1997b).

Consistent with the iterative process described above, the BERA for the LCP upland has been implemented in stages over several years. The screening level ecological risk assessment ("SLERA") for OU3, comprising Steps 1 and 2 of the USEPA's ecological risk assessment process, was submitted to the USEPA in 2000 (Honeywell, 2000). A Baseline Problem Formulation for the Upland (Step 3) was submitted to the USEPA in 2008 (EPS and CDR, 2008). A Work Plan and Sampling/Analysis Plan (Step 4) including a Quality Assurance Project Plan ("QAPP") and Data Quality Objective ("DQO") Summary Report were submitted to the USEPA in 2008 (CDR and EPS, 2008a). The BERA Work Plan was implemented in 2008. The final BERA Report was submitted in August 2010 (CDR and EPS, 2010) and was approved by the USEPA in a letter dated August 6, 2010 (USEPA, 2010b).

6.3.2 Problem Formulation

6.3.2.1 Overview

Problem formulation is a planning step that identifies the major concerns and issues to be considered in an ecological risk assessment, along with a description of the basic approaches that will be used to characterize the potential ecological risks.

6.3.2.2 Ecosystem Characteristics and Receptors Potentially at Risk

The upland area of the Site consists of approximately 110 contiguous acres. Extensive demolition and soil excavation activities took place between 1994 and 1997. Excavated areas were backfilled using clean fill material from the local area and were seeded with a mixture of bermuda and rye grasses. The surface geology in the upland portion of the Site consists of sandy beach and dune deposits. The upland area contains three general land cover classes: open field, transitional community and maritime forest (UGA, 1996).

Open field areas surround the developed portions of the property. These are highly disturbed areas vegetated with mowed grasses. Large areas of the property that are not paved or otherwise developed can be classified as open field. Although these areas have been considerably altered from their original state, open field may be used as foraging or nesting habitat by a variety of small animals. These may include: eastern hog-nosed snake (*Heterodon platyrhinos*), cotton mouse (*Peromyscus gossypinus*), cotton rat (*Sigmodon hispidus*), shorttail shrew (*Blarina brevicauda*), eastern mole (*Scalopus aquaticus*), cottontail rabbit (*Sylvilagus floridanus*), raccoon (*Procyon lotor*), and any of the higher order carnivores that prey upon small animals including red-tailed hawk (*Buteo jamaicensis*), red shouldered hawk (*Buteo lineatus*), or bald eagle (*Haliaeetus leucocephalus*). Ground-foraging birds include killdeer (*Charadrius vociferus*) and mourning dove (*Zenaida macroura*). Bats may forage for insects in the open field habitats, but would probably roost under eaves of the developed facility. Bat species known to occur in the vicinity of the site include: little brown bat (*Myotis lucifugus*), big brown bat (*Eptesicus fuscus*), evening bat (*Nycticeius humeralis*), and plain-nosed bat (*Lasiurus spp.*).

The transitional community is made up of the zone between the tidal marsh and the maritime forest (UGA, 1996). As the elevation from the marsh increases, herbaceous plants grade into woody plants. At lower elevations, marsh elder and groundsel can be found, while higher elevations may contain saltcedar (*Tamarix gallica*), red cedar (*Juniperus virginiana*) and cabbage palmetto (*Sabal palmetto*). The transitional area is common feeding ground for the rice rat (*Oryzomys palustris*), marsh rabbit (*Sylvilagus palustris*), raccoon (*Procyon lotor*) and mink (*Mustela vison*). The eastern cottonmouth (*Agkistrodon piscivorus*) preys upon the rice rat in the transitional zone and marsh habitat. However, this type of transitional habitat is extremely limited at the Site uplands since the marsh typically grades into open fields or maritime forest.

Several forested areas similar to a typical maritime forest community are present the Site, primarily in the northeastern and southeastern portions of the upland. There are also several other smaller stands of trees at various locations around the site that may, for a lack of a better term, be characterized as “disturbed maritime forest.” The maritime forest community is typically dominated by hardwood oaks and magnolias. Dominant oaks include: live oak (*Quercus virginiana*), laurel oak (*Quercus laurifolia*), and water oak (*Quercus nigra*). Oaks are dominant in the wooded areas closer to the marsh at the LCP Site, while wooded areas on the northern side of the site are predominantly pine. Loblolly pine (*Pinus taeda*) is the most common species of pine. However, this may be due to planting or reforestation following disturbance. Historically, loblolly pine and long leaf pine (*Pinus palustris*) occurred in the coastal areas. Long leaf pine has been phased out as a harvested wood due to the long growth period until maturity, and the requirement of fire in its life cycle (Georgia Natural Heritage Program, personal comm.). Common understory shrubs in the maritime forest include American holly (*Ilex opaca*) and saw palmetto (*Serenoa repens*).

Animals expected to occur in the maritime forest include a variety of reptiles, birds, and mammals. Avian species include: Carolina wren (*Thrythorus ludovicianus*), tree swallow (*Iridoprocne bicolor*), mockingbird (*Mimus polyglottus*) and boat-tailed grackle (*Quiscalus major*). Grackles would be expected to use trees proximal to the marsh as roosting sites after foraging for fiddler crabs, shrimp and fish in the marsh. Grackles also eat grubs, insects and palmetto berries found in the upland areas (UGA, 1996). Mature trees also provide suitable

habitat for nesting raptors. The following species are known to occur in the vicinity of the LCP site: red-tailed hawk (*Buteo jamaicensis*), red shouldered hawk (*Buteo lineatus*), osprey (*Pandion haliaetus*), American kestrel (*Falco spruerius*), and bald eagle (*Haliaeetus leucocephalus*). Mammals expected to occur in the maritime forest include: eastern gray squirrel (*Sciurus carolinensis*), opossum (*Didelphis marsupialis*), raccoon (*Procyon lotor*) and armadillo (*Dasypus novemcinctus*). Gray fox (*Urocyon cinereoargenteus*) have also been spotted in the vicinity of the Site.

There are also aquatic features in the upland areas of the LCP Site that provide potential habitat for ecological receptors. A freshwater pond of approximately 2 acres is located in the northeast quadrant of the Site near the former Drive-in Theater. The pond surface is covered with duckweed that reduces the penetration of sunlight into the water column depleting oxygen content. Several attempts were made to collect fish in the on-Site pond as during the ecological investigation activities, but no fish were present in the pond due to the heavy duckweed canopy. Other aquatic features include the “Dillon Duck”, a tidal creek that penetrates the upland at the northwest corner and terminates near the freshwater pond.

6.3.2.3 Chemicals of Potential Concern

Based on a refined COPC screening process (CDR and EPS, 2008a) four Primary COPC (Aroclor, methylmercury, inorganic mercury, lead) and five Secondary COPC (antimony, copper, nickel, vanadium, zinc) were evaluated in the OU3 BERA.

6.3.2.4 Assessment and Measurement Endpoints

Assessment endpoints are the valued attributes of ecological resources or receptors upon which risk management actions are focused. The USEPA defines an assessment endpoint as “an explicit expression of the environmental value to be protected, operationally defined as an ecological entity and its attributes” (USEPA, 1998). Measurement endpoints are ecological characteristics that can be measured, interpreted, and related to the valued ecological attributes selected as the assessment endpoints (USEPA 1997; 1998).

The OU3 BERA evaluated 15 assessment endpoints. The first of these endpoints addressed the viability of soil invertebrates, as evaluated by toxicological responses of earthworms exposed in the laboratory to soil collected from the upland. The other 14 assessment endpoints addressed the viability of birds and mammals of different trophic guilds, as estimated by food-web exposure models of varying complexity. Assessment endpoints 2 through 7 address receptors that feed exclusively on terrestrial biota. Assessment endpoints 8 through 15 address receptors that feed, at least in part, on estuarine biota. All of the assessment and measurement endpoints are described in the bullets below.

- Assessment Endpoint 1 – Viability of soil invertebrates.

This assessment endpoint was evaluated using toxicity tests with earthworms (*Eisen faetida*) exposed in the laboratory to surface soil from the upland.

- Assessment Endpoint 2 – Viability of terrestrial-feeding granivorous birds.
This assessment endpoint was evaluated using HQs derived from food-web exposure models for the mourning dove (*Zenaida macroura*).
- Assessment Endpoint 3 – Viability of terrestrial-feeding insectivorous birds.
This assessment endpoint was evaluated using HQs derived from food-web exposure models for the Carolina wren (*Thryothorus ludovicianus*).
- Assessment Endpoint 4 – Viability of terrestrial-feeding carnivorous birds.
This assessment endpoint was evaluated using HQs derived from food-web exposure models for the broad-winged hawk (*Buteo platpterus*).
- Assessment Endpoint 5 – Viability of terrestrial-feeding granivorous mammals.
This assessment endpoint was evaluated using HQs derived from food-web exposure models for the meadow vole (*Microtus pennsylvanicus*).
- Assessment Endpoint 6 – Viability of terrestrial-feeding insectivorous mammals.
This assessment endpoint was evaluated using HQs derived from food-web exposure models for the short-tailed shrew (*Blarina carolinensis*).
- Assessment Endpoint 7 – Viability of terrestrial-feeding carnivorous mammals.
This assessment endpoint was evaluated using HQs derived from food-web exposure models for the long-tailed weasel (*Mustela frenata*).
- Assessment Endpoint 8 – Viability of terrestrial- and estuarine-feeding insectivorous birds.
This assessment endpoint was evaluated using HQs derived from food-web exposure models for the common yellowthroat (*Geothlypis trichas*).
- Assessment Endpoint 9 – Viability of estuarine-feeding insectivorous/crustaceovorous birds.
This assessment endpoint was evaluated using HQs derived from food-web exposure models for the willet (*Catoptrophorus semiplamatus*).
- Assessment Endpoint 10 – Viability of estuarine-feeding insectivorous/piscivorous birds.
This assessment endpoint was evaluated using HQs derived from food-web exposure models for the pied-billed grebe (*Podilymbus podiceps*).
- Assessment Endpoint 11 – Viability of estuarine-feeding crustaceovorous birds.
This assessment endpoint was evaluated using HQs derived from food-web exposure models for the clapper rail (*Rallus longirostris*).
- Assessment Endpoint 12 – Viability of estuarine-feeding piscivorous birds.
This assessment endpoint was evaluated using HQs derived from food-web exposure models for the belted kingfisher (*Ceryle alcyon*).

- Assessment Endpoint 13 – Viability of estuarine-feeding insectivorous mammals.
This assessment endpoint was evaluated using HQs derived from food-web exposure models for the little brown bat (*Myotis lucifugus*).
- Assessment Endpoint 14 – Viability of estuarine-feeding omnivorous mammals.
This assessment endpoint was evaluated using HQs derived from food-web exposure models for the raccoon (*Procyon lotor*).
- Assessment Endpoint 15 – Viability of terrestrial- and estuarine-feeding carnivorous mammals.
This assessment endpoint was evaluated using HQs derived from food-web exposure models for the mink (*Neovison vison*).

6.3.3 Experimental Design and Data Used in the BERA

The data used quantitatively in the OU3 BERA were generated pursuant to the approved Work Plan and Sampling/Analysis Plan in sampling events that took place in 2007 and 2008. The locations of the samples used in the OU3 BERA are shown in Figure 6-2⁴ and a summary of the analytical protocols for these samples is provided in Table 6-2⁵.

The sampling framework for the OU3 BERA focused on portions of the upland in which facility operations never occurred and had not been affected by the removal response action that took place from 1994 through 1997. Consequently, upland sampling of abiotic and biotic environmental media occurred exclusively in open fields (and bordering ecotones) where previous soil sampling indicated a range (gradient) of concentrations of the primary and secondary COPC. Sediment and surface water samples were also collected in the freshwater pond located in the upland. Similar assessments were conducted at a “reference area” located in the northeast corner of the property (the former Drive-in Theater area) where previous soil analyses typically indicated levels of COPC less than the USEPA Region 4 ecological screening values (“ESVs”). Samples of abiotic and abiotic media from the near shore estuarine environment (OU1) were also used in the OU3 BERA to evaluate potential risks to wildlife that feed, in part, in the estuary.

Surface soil and surface sediment samples were collected from the biologically active zone (0 – 30 cm for soil and 0 – 15 cm for sediment). Most of the soil and sediment samples were single “grab” samples from different sampling stations. There were also a number of five-point composite soil samples collected within 1 meter of the base of the plant from which berries were collected for use in the food chain modeling.

Terrestrial food items collected for use in wildlife food-web exposure models included: 1) grass (*Poaceae*; shoots and roots); 2) berries from plants (primarily, southern bayberry *Morella cerifera*); 3) insects (collected in the terrestrial environment, but containing some freshwater forms); 4) spiders; and 5) earthworms. Estuarine food items collected for use in wildlife food-

⁴ This figure is a reproduction of Figure 1 of the OU3 BERA Report.

⁵ This table is a reproduction of Table 1 of the OU3 BERA Report.

web exposure models were: 1) fiddler crabs (*Uca spp.*); 2) and small fish (mummichogs; *Fundulus heteroclitus*).

6.3.4 Ecological Exposure and Effects Evaluation

6.3.4.1 Overview

This portion of the OU3 BERA describes the presence of chemical constituents in various environmental media of the Site upland and selected estuarine sampling locations; and describes the laboratory- and modeling-based analyses that form the basis for the risk characterization for soil invertebrates and wildlife receptors. These analyses are described briefly below.

6.3.4.2 Analytical Chemistry Results for Soil, Sediment, Surface Water, and Biota

The OU3 BERA presents data on the concentrations of COPC in soil, sediment, surface water, and biota. Tables 2 through 6 of the OU3 BERA Report provide detailed summaries of these data.

6.3.4.3 Soil Toxicity Tests

Assessment Endpoint 1 was evaluated using chronic toxicity tests that measured the survival of earthworms (*Eisenia foetida*) exposed for 28 days in the laboratory to surface soil from the upland. Three replicate tests were conducted with soil from each of three reference stations and nine “potentially impacted” stations in the upland. Mean survival of worms from the reference stations and potentially impacted stations averaged 97.3% and 95.2%, respectively, and both exceeded the 80% survival rate considered acceptable for control organisms. In addition, no sublethal effects were observed in any of the worms. The results of the soil toxicity tests are summarized in Table 7 OU3 BERA Report.

6.3.4.4 Soil Bioaccumulation Tests

The potential for terrestrial bioaccumulation was evaluated by comparing the tissue concentrations of primary and secondary COPC in earthworms exposed to soil from the LCP upland for 28 days in the laboratory. Tissue concentrations of the primary COPC typically increased in value from lowest levels in pre-test earthworms to highest levels in earthworms exposed to samples from the potentially impacted areas. For secondary COPC, there were no dramatic differences in tissue concentrations among any of the experimental groups of earthworms. The results of the soil bioaccumulation tests are summarized in Table 7 OU3 BERA Report.

6.3.4.5 Definitive Food-Web Exposure Modeling and HQ Calculation for Primary COPC

For the primary COPC, potential adverse effects to exposed wildlife (Assessment Endpoints 2-15) were evaluated in the OU3 BERA by calculating daily intakes of COPC (in units of mg/kg body weight/day) based on the mean and maximum measured concentrations in samples of soil and food items, and comparing these calculated intakes with dietary TRVs based on no observed adverse effects levels (“NOAELs”), lowest observed adverse effects levels (“LOAELs”), and geometric mean adverse effects levels (“GMAELs”) to generate HQs. Using this approach HQs

were developed for mourning dove, Carolina wren, broad-winged hawk, meadow vole, short-tailed shrew, long-tailed weasel, common yellowthroat, willet, pied-billed grebe, clapper rail, belted kingfisher, green heron, little brown bat, raccoon, and mink.

The exposure assumptions and dietary TRVs use in the wildlife exposure models are shown in Tables 8 and 9 of the OU3 BERA Report, respectively. The calculated HQs for wildlife receptors are provided in Table 10.

6.3.4.6 Screening-Level Food-Web Exposure Modeling and HQ Calculation for Secondary COPC

For the five secondary COPC, potential adverse effects to plants, invertebrates, and wildlife were evaluated in the OU3 BERA by simple comparisons of surface soil concentrations from “reference” and “potentially impacted” locations to USEPA’s default Ecological Soil Screening Levels (“Eco-SSLs”) (USEPA, 2005).

Based on these comparisons, copper and nickel were eliminated from further consideration because maximum concentrations in soil samples collected in the BERA field study were below the default Eco-SSLs for receptor types. Vanadium was eliminated from further consideration because all concentrations in surface soil samples were similar to background (subsurface) concentrations.

The concentration of antimony in surface soil exceeded the default EcoSSL for mammalian wildlife in one soil sample collected during the BERA field study. For this reason, supplemental food-web modeling was conducted using the meadow vole exposure model, incorporating measured concentrations of antimony in soil and food items. This supplemental modeling yielded a maximum NOAEL-based HQ of 3 for the meadow vole.

The concentrations of zinc in surface soil exceeded the default EcoSSL for avian wildlife in one soil sample collected during the BERA field study. For this reason, supplemental food-web modeling was conducted using the Carolina wren exposure model, incorporating measured concentrations of zinc in soil and food items. This supplemental modeling yielded a maximum NOAEL-based HQ of 1 for the Carolina wren.

6.3.5 Risk Characterization for Assessment Endpoints

6.3.5.1 Overview

Risk characterization involves the integration of exposure and effects data to evaluate the likelihood of adverse effects. The OU3 BERA Report presents the following conclusions with respect to the fifteen assessment endpoints and primary COPC evaluated.

6.3.5.2 Soil Invertebrates (Assessment Endpoint 1)

The OU3 BERA concluded that there is no risk to the viability of soil invertebrates as indicated by the absence of toxicological responses of earthworms (*E. faetida*) exposed in the laboratory to surface soils from the upland. In addition, concentrations of primary and secondary COPC for which generic Eco-SSLs have been derived based on exposure of soil invertebrates – lead, antimony, copper, nickel, and zinc – seldom exceeded their respective Eco-SSLs in the OU3 BERA surface soil data set.

6.3.5.3 Terrestrial-Feeding Granivorous Birds (Assessment Endpoint 2)

The food-web exposure modeling for the mourning dove (*Z. macroura*) yielded the following results:

<u>COPC</u>	<u>Mean</u> <u>GMAEL HQ</u>	<u>Maximum</u> <u>GMAEL HQ</u>
Inorganic mercury	0.2	1.5
Methylmercury	0.02	0.1
Aroclor-1268	0.03	0.3
Lead	0.5	3.3

Based on these results, the OU3 BERA concluded that the overall potential risk to terrestrial-feeding granivorous birds is low.

6.3.5.4 Terrestrial-Feeding Insectivorous Birds (Assessment Endpoint 3)

The food-web exposure modeling for the Carolina wren (*T. ludovicianus*) yielded the following results:

<u>COPC</u>	<u>Mean</u> <u>GMAEL HQ</u>	<u>Maximum</u> <u>GMAEL HQ</u>
Inorganic mercury	0.0003	0.2
Methylmercury	0.3	0.7
Aroclor-1268	0.02	0.1
Lead	0.1	0.7

The Carolina wren also had an elevated screening HQ (1.2) for zinc (a secondary COPC). Based on these results, the OU3 BERA concluded that the overall potential risk to terrestrial-feeding insectivorous birds is low.

6.3.5.5 Terrestrial-Feeding Carnivorous Birds (Assessment Endpoint 4)

The food-web exposure modeling for the broad-winged hawk (*B. platypterus*) yielded the following results:

<u>COPC</u>	<u>Mean</u> <u>GMAEL HQ</u>	<u>Maximum</u> <u>GMAEL HQ</u>
Inorganic mercury (50% of tHg)	0.04	0.2
Methylmercury (50% of tHg)	0.4	2.1
Aroclor-1268	0.03	0.2
Lead	0.2	0.8

Based on these results, the OU3 BERA concluded that the overall potential risk to terrestrial-feeding carnivorous birds is judged to be low.

6.3.5.6 Terrestrial-Feeding Granivorous Mammals (Assessment Endpoint 5)

The food-web exposure modeling for the meadow vole (*M. pennsylvanicus*) yielded the following results:

<u>COPC</u>	<u>Mean</u> <u>GMAEL HQ</u>	<u>Maximum</u> <u>GMAEL HQ</u>
Inorganic mercury	0.5	4.1
Methylmercury	0.01	0.1
Aroclor-1268	1.2	9.2
Lead	0.1	0.8

The meadow vole also had an elevated screening HQ (3.0) for antimony (a secondary COPC). It should be noted that the elevated HQs shown for Aroclor-1268 are uncertain because they are based on the use of a TRV for the presumably more toxic Aroclor-1254. Based on these findings, the OU3 BERA Report concluded that the overall potential risk to terrestrial-feeding granivorous mammals is judged to be moderate.

6.3.5.7 Terrestrial-Feeding Insectivorous Mammals (Assessment Endpoint 6)

The food-web exposure modeling the short-tailed shrew (*B. carolinensis*) yielded the following results:

<u>COPC</u>	<u>Mean</u> <u>GMAEL HQ</u>	<u>Maximum</u> <u>GMAEL HQ</u>
Inorganic mercury	0.7	5.2
Methylmercury	0.2	0.6
Aroclor-1268	1.9	9.1
Lead	0.2	1.1

The elevated HQs shown for Aroclor-1268 are uncertain because they are based on the use of a TRV for the presumably more toxic Aroclor-1254. Based on these findings, the OU3 BERA Report concluded that the overall potential risk to terrestrial-feeding insectivorous mammals is judged to be moderate.

6.3.5.8 Terrestrial-Feeding Carnivorous Mammals (Assessment Endpoint 7)

The food-web exposure modeling the long-tailed weasel (*M. frenata*) yielded the following results:

<u>COPC</u>	<u>Mean</u> <u>GMAEL HQ</u>	<u>Maximum</u> <u>GMAEL HQ</u>
Inorganic mercury (50% of tHg)	0.1	0.4
Methylmercury (50% of tHg)	0.2	0.8
Aroclor-1268	0.7	5.9
Lead	0.03	0.2

The elevated HQ shown for Aroclor-1268 are uncertain because they are based on the use of a TRV for the presumably more toxic Aroclor-1254. Based on these findings, the BERA Report concluded that the overall potential risk to terrestrial-feeding carnivorous mammals is judged to be low.

6.3.5.9 Estuarine-Feeding Insectivorous Birds (Assessment Endpoint 8)⁶

The food-web exposure modeling for the common yellowthroat (*G. trichas*) yielded the following results:

<u>COPC</u>	<u>Mean</u> <u>GMAEL HQ</u>	<u>Maximum</u> <u>GMAEL HQ</u>
Inorganic mercury	0.1	0.2
Methylmercury	0.2	0.6
Aroclor-1268	0.02	0.1
Lead	0.1	0.8

6.3.5.10 Estuarine-Feeding Insectivorous-Crustaceovorous Birds (Assessment Endpoint 9)

The food-web exposure modeling for the willet (*C. semiplamatus*) yielded the following results:

<u>COPC</u>	<u>Mean</u> <u>GMAEL HQ</u>	<u>Maximum</u> <u>GMAEL HQ</u>
Inorganic mercury	0.04	0.2
Methylmercury	0.3	0.7
Aroclor-1268	0.02	0.1
Lead	0.2	1.0

6.3.5.11 Estuarine-Feeding Insectivorous-Piscivorous Birds (Assessment Endpoint 10)

The food-web exposure modeling for the pied-billed grebe (*P. podiceps*) yielded the following results:

<u>COPC</u>	<u>Mean</u> <u>GMAEL HQ</u>	<u>Maximum</u> <u>GMAEL HQ</u>
Inorganic mercury	0.03	0.1
Methylmercury	2.3	2.4
Aroclor-1268	0.1	0.1
Lead	0.4	2.1

The OU3 BERA concluded that the estimation of potential risk in this case is particularly uncertain because a single sample of spider tissue collected from the shoreline of the freshwater pond, which had an unusually high concentration of methylmercury, was used to represent aquatic insects in the diet of the grebe.

⁶ The OU3 BERA did not provide interpretative statements regarding potential risk to wildlife feeding, at least partially, on estuarine food because the HQs derived for estuarine-dependent wildlife in the upland BERA are unlikely to be representative of the more voluminous and spatially expanded data evaluated in the OU1 BERA.

6.3.5.12 Estuarine-Feeding Crustaceovorous Birds (Assessment Endpoint 11)

The food-web exposure modeling for the clapper rail (*R. longirostris*) yielded the following results:

<u>COPC</u>	<u>Mean</u> <u>GMAEL HQ</u>	<u>Maximum</u> <u>GMAEL HQ</u>
Inorganic mercury	0.02	0.1
Methylmercury	0.9	2.0
Aroclor-1268	0.1	0.2
Lead	0.3	2.1

6.3.5.13 Estuarine-Feeding Piscivorous Birds (Assessment Endpoint 12)

The food-web exposure modeling for the belted kingfisher (*C. alcyon*) yielded the following results:

<u>COPC</u>	<u>Mean</u> <u>GMAEL HQ</u>	<u>Maximum</u> <u>GMAEL HQ</u>
Inorganic mercury	0.03	0.04
Methylmercury	1.3	2.2
Aroclor-1268	0.2	0.3
Lead	0.01	0.01

6.3.5.14 Estuarine-Feeding Insectivorous Mammals (Assessment Endpoint 13)

The food-web exposure modeling for the little brown bat (*M. lucifugus*) yielded the following results:

<u>COPC</u>	<u>Mean</u> <u>GMAEL HQ</u>	<u>Maximum</u> <u>GMAEL HQ</u>
Inorganic mercury	0.03	0.1
Methylmercury	0.06	0.2
Aroclor-1268	0.3	1.1
Lead	0.002	0.01

As previously noted, the slightly elevated HQs shown for Aroclor-1268 are uncertain because they are based on the use of a TRV for the presumably more toxic Aroclor-1254.

6.3.5.15 Estuarine-Feeding Omnivorous Mammals (Assessment Endpoint 14)

The food-web exposure modeling for the raccoon (*P. lotor*) yielded the following results:

<u>COPC</u>	<u>Mean</u> <u>GMAEL HQ</u>	<u>Maximum</u> <u>GMAEL HQ</u>
Inorganic mercury	0.03	0.1
Methylmercury	0.2	0.4
Aroclor-1268	1.8	3.7
Lead	0.1	0.3

The elevated HQs shown for Aroclor-1268 are uncertain because they are based on the use of a TRV for the presumably more toxic Aroclor-1254.

6.3.5.16 Estuarine-Feeding Carnivorous Mammals (Assessment Endpoint 15)

The food-web exposure modeling for the mink (*N. vison*) yielded the following results:

<u>COPC</u>	<u>Mean</u> <u>GMAEL HQ</u>	<u>Maximum</u> <u>GMAEL HQ</u>
Inorganic mercury (50% of tHg)	0.1	0.2
Methylmercury (50% of tHg)	0.2	0.5
Aroclor-1268	2.0	5.0
Lead	0.1	0.3

The elevated HQs shown for Aroclor-1268 are uncertain because they are based on the use of a TRV for the presumably more toxic Aroclor-1254.

6.3.6 Ecological Preliminary Remediation Goals for Upland Soil

For wildlife receptors with calculated Maximum GMAEL HQs above 1, the food-web exposure models and TRVs were used to “back-calculate” soil COPC concentrations considered protective for each receptor called preliminary remedial goals (“PRGs”)⁷. This process required the development of soil-to-biota bioaccumulation factors (“BAFs”), which are mean COPC concentrations in biota tissue divided by the mean COPC concentrations in soil. BAF submodels were employed to estimate body burdens of COPC in small mammals theoretically consumed by apex predators (i.e., broad-winged hawk, long-tailed weasel, and mink). The methodologies used to derive RGOs for each receptor are described in detail in Appendix D of the OU3 BERA Report. The RGOs based on NOAEL and LOAEL toxicity endpoints for each receptor were used in a Nodal⁸ or “Rule of 5” approach that creates a matrix of potential PRGs across the nodal spectrum (Charters and Greenburg, 2004). The calculated PRGs for the primary COPC (Inorganic mercury, Methylmercury, Aroclor-1268, and lead) are summarized in Table 6-3⁸.

Site-specific PRGs were also derived for two of the secondary COPC as follows:

- Antimony: a Site-specific PRG value of 2.2 mg/kg in soil for the meadow vole (based on the Eco-SSL toxicity reference value for mammals exposed to antimony), and

⁷ The ecological PRGs are functionally similar to the remedial goal options (RGOs) in the HHBRA.

⁸ This table is a reproduction of Table 12 of the OU3 BERA Report (CDR and EPS, 2010).

- Zinc: a Site-specific PRG value of 22 mg/kg in soil for the Carolina wren (based on the Eco-SSL toxicity reference value for birds exposed to zinc).

Appendix E of the BERA provided map-based illustrations of the comparison of the soils data to the ecological PRGs.

6.3.7 Uncertainty Analysis

The OU3 BERA Report examines a variety of uncertainties associated with the components of the BERA process and considers whether these uncertainties tend to over- or underestimate risks. The application of conservative assumptions and interpretations to each of these sources of uncertainty generally results in an over-estimation of risks for the assessment endpoints evaluated in the BERA. The most significant sources of uncertainty in the OU3 BERA are briefly described in the following bullets:

- The conceptual model for the OU3 BERA, including the extensive list of assessment endpoints is a source of uncertainty. Numerous assessment endpoints (15), largely recommended for use by the USEPA, were evaluated for the upland, compared with the lesser number of assessment endpoints (8) addressed for the LCP estuary (OU1). Because of this, the potential for incorrectly identifying hazardous conditions in the upland (analogous to a Type I statistical error) is a concern. Additionally, the rationale for evaluating wildlife that feed in whole or in part on estuarine biota is uncertain since there are no practical upland remediation scenarios that could ensure the protection of wildlife potentially threatened because of feeding on estuarine food items.
- The evaluation of potential adverse effects to bird and mammal receptors representing 14 of the 15 assessment endpoints is based the calculation of food-web HQs. While this has become routine in the realm of regulatory risk assessment, it is not without criticism (Tannenbaum, 2005, 2007). The HQ is simply the ratio of a conservative exposure estimate and a conservative TRV, and is not a measure of the probability that an adverse effect will occur. Furthermore, the HQ relates to the response of an individual organism, rather than the population. Use of the HQ methodology involves the implicit assumption that as exposures and HQs increase, an increasing number of individuals could experience adverse effects, and that the higher the number of individuals affected, the greater the risk to the population. In reality, density-dependent biological processes, such as competition for limited food resources, can offset reductions in the reproductive output of individual organisms. In addition, it is well documented that wildlife can acclimate and adapt to elevated levels of chemicals in the environment, thereby mitigating adverse population-level effects.
- A major source of uncertainty in the OU3 BERA was the use of TRVs for Aroclor-1254 in food-web exposure models for mammals potentially exposed to Aroclor-1268. Appendix A of the OU3 BERA Report contains a detailed discussion of the relative toxicities of these two PCB mixtures and concludes that the use of the Aroclor-1254 TRV to represent the toxicity of Aroclor-1268 overestimates the potential for adverse effects to the mammalian assessment endpoints considered in the OU3 BERA.

7 SPATIAL DISTRIBUTION AND CONCENTRATIONS OF COCS

7.1 Overview

This section provides an overview the spatial distribution and reported concentrations of COCs identified as potential risk drivers based on the final OU3 HHBRA approved by the USEPA (EPS, 2012). As mentioned previously, the HHBRA was performed using two data sets – one with and one without the TEG laboratory results. The data set inclusive of TEG is used in the figures and tables presented herein in Section 7. The spatial distribution and concentration of COCs are displayed in Figures 7-1a through 7-18c. Comparisons of the soil sample results to non-residential RGOs identified in the OU3 HHBRA are presented in Figures 7-19a through 7-21c.

Soil samples were collected as either “grab” or “composite” soil samples. Composite samples include both vertical composite samples and horizontal or area composite samples. In the case of grab samples and vertical composite samples (e.g. sidewall composite samples), the sample locations presented in the figures are the field surveyed or GPS surveyed locations of the actual soil collected. In the case of horizontal or area composite samples, the data points presented in the figures are the approximate center points of the area represented by the various subsamples. To illustrate the area assessed by a horizontal composite sample a solid or dashed orange line is shown around the composite sample result. This approach was used in the eastern half of the Site; grab samples were also collected at numerous locations in the areas characterized by multi-point composite samples.

Tables 7-1a to 7-1e and 7-2a to 7-2e provide summary statistics for the OU3 soil sampling data within the depth intervals 0 to 2 ft bgs (surface soil) and 0 to 6 ft bgs (combined surface and subsurface soil), respectively. The statistics show the number of samples, frequency of detection, average concentration, and standard deviation summarized by these two depth intervals for each of the four OU3 quadrants and the off-Site tank farm. Appendix A of this RI Report provides map illustrations of other off-Site soil sampling locations (i.e., Salt Dock, Canal Road, and ARCO Community), along with corresponding results provided in tables. These data were not included in the HHBRA and are therefore not presented in the body of this RI Report.

7.2 Spatial Distribution of COC

The spatial distribution and concentration of COCs identified from the HHBRA are displayed in Figures 7-1a through 7-18c. The distribution of each COC is presented in depth intervals of 2 ft including 0-2 ft bgs, 2-4 ft bgs and 4-6 ft bgs. For samples with a depth collection interval that spans more than one 2-ft interval, the sample result is shown at all depths characterized by the

sample⁹. These figures are provided to assist reviewers in visualizing the relative concentrations of the various COCs across the Site. Note that these figures also depict areas that were excavated, backfilled, and/or covered during the upland removal action. The following bullets provide figure numbers for the various COCs:

- 1,2,4-Trichlorobenzene – Figures 7-1a, 7-1b, and 7-1c;
- 2-Methylnaphthalene – Figures 7-2a, 7-2b, and 7-2c;
- 4,6-Dinitro-2-methylphenol – Figures 7-3a, 7-3b, and 7-3c;
- Aluminum – Figures 7-4a,b,c;
- Antimony – Figures 7-5a,b,c;
- Aroclor-1221 – Figures 7-6a,b,c;
- Aroclor-1254 – Figures 7-7a,b,c;
- Aroclor-1260 – Figures 7-8a,b,c;
- Aroclor-1268 – Figures 7-9a,b,c;
- Arsenic – Figures 7-10a,b,c;
- Benzo(a)anthracene – Figures 7-11a,b,c;
- Benzo(a)pyrene – Figures 7-12a,b,c;
- Chromium – Figures 7-13a,b,c;
- Dibenzo(a,h)anthracene – Figures 7-14a,b,c;
- Iron – Figures 7-15a,b,c;
- Lead – Figures 7-16a,b,c;
- Mercury – Figures 7-17a,b,c; and
- Naphthalene – Figures 7-18a,b,c.

7.3 Comparison of Site COC Concentrations to RGOs

7.3.1 RGOs Identified for Each Exposure Unit

This section presents a comparison of the concentrations of COC in Site soil to non-residential RGOs developed in the approved HHBRA. The development of RGOs is discussed in Section 6 of this RI Report and the RGO values are summarized in Table 6-1. It should be noted that RGOs were developed in the HHBRA for constituents that contributed at least 10% of the total HI or ELCR estimates expressed to two significant figures (e.g., a HI value of 1.2). However,

⁹ For example, a sample collected across a 0.5 ft to 3.0 ft interval will be assigned and displayed in the 0 to 2 and 2 to 4 ft interval for the respective constituent.

consistent with USEPA guidance recommending that ELCR and HI estimates should not be interpreted to more than one significant figure (USEPA, 1989), this RI Report does not present soil concentration comparisons to RGOs in instances where the total HI estimate did not exceed 1 and the total ELCR estimate did not exceed $1E-4$, expressed to one significant figure. The COCs and receptor-specific RGOs are summarized in the following bullets:

- OTF – The HHBRA concluded that the ELCR and HI estimates for all receptor scenarios evaluated were at or below USEPA hazard and risk targets. Therefore, this EU is not discussed further in this section.
- Quadrant 1 – The HHBRA concluded that the ELCR and HI estimates for all receptor scenarios evaluated were at or below USEPA risk/hazard targets. Therefore, this EU is not discussed further in this section.
- Quadrant 2 – Only the Hypothetical Resident scenario had a HI estimate that exceeded 1. As shown in Table 6-1, RGOs for Aroclor-1221, Aroclor-1254, Aroclor-1260, Aroclor-1268, iron, and mercury were developed for the Hypothetical Resident scenario.
- Quadrant 3 – Only Hypothetical Resident scenario had a HI estimate that exceeded 1. As shown in Table 6-1, RGOs for aluminum, antimony, Aroclor-1254, Aroclor-1260, Aroclor-1268, arsenic, iron, mercury, and 4,6-Dinitro-2-methylphenol were developed for the Hypothetical Resident scenario.
- Quadrant 4 – The Excavation Worker and Hypothetical Resident scenarios had HI estimates that exceeded 1. The Hypothetical Resident scenario also had an ELCR estimate above $1E-4$. As shown in Table 6-1, RGOs for Aroclor-1260, Aroclor-1268, and mercury were developed for the Excavation Worker scenario. For the Hypothetical Resident scenario, RGOs were developed for antimony, Aroclor-1254, Aroclor-1260, Aroclor-1268, arsenic, benzo(a)anthracene, benzo(a)pyrene, chromium, dibenzo(a,h)anthracene, iron, and mercury.

7.3.2 Comparison of Site Soils to Excavation Worker RGOs

Figures 7-19a through 7-21c provide comparisons of measured COC concentrations in discrete soil intervals (0-2 ft bgs, 2-4 ft bgs, and 4-6 ft bgs) to RGOs for the Excavation Worker scenario in Quadrant 4. The RGO values that are based on HQs of 1 and 3 are used as interval class break points in the figures. These figures are provided to facilitate the evaluation of risk reduction measures in a subsequent Feasibility Study. Note that these figures also depict areas that were excavated, backfilled, and/or covered during the upland removal action. The following is a summary of the COCs that are presented in the figures:

- Aroclor-1260 – The measured concentrations in several samples from the 0-2 ft and 2-4 ft intervals exceed the RGO based on a HQ of 1 (4.2 mg/kg) and 3 (12.6 mg/kg). The concentrations in these samples ranged from 4.4 to 785 mg/kg. Most of these samples are located in the northern portion of the quadrant. There was only one sample that exceeds the RGOs based on HQs of 1 and 3 in the 4 to 6 ft interval (Figure 7-19a,b,c).

Aroclor-1268 – The measured concentrations in numerous samples from the 0-2 ft, 2-4 ft, and 4-6 ft intervals exceed the RGO based on a HQ of 1 (4.2 mg/kg) and 3 (12.6 mg/kg). The concentrations in these samples ranged from 12 to 450 mg/kg. The locations of these exceedences are spatially dispersed in the quadrant, but most occur in the northern half of Q4 (Figure 7-20a,b,c).

- Mercury – The estimated concentration in one sample (142 mg/kg) from the 0-2 ft interval exceed the RGO based on a HQ of 1 (89.3 mg/kg). This sample was collected adjacent to the southern edge of the former Cell Building soil cover. There were no RGO exceedences in the 2 to 4 ft or 4 to 6 ft intervals (Figure 7-21a,b,c).

7.3.3 Comparison of Site Soils to Hypothetical Resident RGOs

Although RGOs were developed for a hypothetical residential exposure scenario the property is zoned for industrial land use and Honeywell, as the property owner, will place deed restrictions on the property to ensure that it will not be re-developed for residential purposes. As a conservative measure, however, comparisons of the Site surface soil data with RGOs for a residential exposure scenario are presented in Appendix B.

7.3.4 Ecological Considerations

The OU3 BERA presented map-based illustrations of comparing surface soil data to the ecological PRGs. Appendix C of this RI Report takes that evaluation a step further by comparing average concentrations of the primary ecological COCs in 1-acre grid cells across the Site to the ecological PRGs.

8 POTENTIAL TRANSPORT PATHWAYS

Historical industrial operations at the LCP Site resulted in the release of a variety of chemical constituents to the soil in the upland areas of the Site. Once in the soil, transport of these constituents is influenced by the chemical/physical properties of the specific constituents, the physical characteristics of the soil, and other Site-related features discussed previously in report.

Large volumes of process waste and contaminated soil were removed from the Site during the uplands removal action. Storm water runoff was captured and treated during this time as the cleanup progressed across the Site. Diversion berms and ditches were constructed to direct clean surface water runoff away from the active remedial action areas. Runoff across the central portion of the Site including the area of the cell buildings was directed to a storm water retention basin along the marsh edge immediately north of B Street. This drainage area is identified as Area 3 on Figure 4-1c. The requirement for storm water capture and treatment was lifted by the EPA near the completion of the uplands removal action based on results of testing at this point of discharge.

An evaluation of potential leaching of constituents from the LCP Site unsaturated soil zone to groundwater was performed in accordance with the approach recommended by USEPA Region 4 (USEPA, 2012c). The evaluation identifies constituents that may leach to groundwater based on a multistep analysis that includes direct comparisons of soils data to USEPA provided benchmark criteria as well Site-specific empirical data (groundwater data and batch leaching data) collected to assess evidence of potential leaching. This evaluation is summarized in Appendix D.

The leaching evaluation was performed according to the same Exposure Units used in the HHBRA. The embedded table below lists the constituents in each Exposure Unit that may have the potential to leach to groundwater. These constituents will be evaluated further in the OU3 Feasibility Study.

Off-Site Tank Farm	Quadrant 1	Quadrant 2	Quadrant 3	Quadrant 4
Lead	None	None	Benzene* Dichloromethane Lead Mercury 2-Methylnaphthalene Naphthalene 1,3,5-Trimethylbenzene** 1,2,4-Trimethylbenzene	Lead Mercury Naphthalene 1,2,4-Trimethylbenzene

*Benzene has been added to the list of leaching constituents of potential concern identified in Appendix D due to localized conditions in Quadrant 3 of the Site.

**1,3,5-Trimethylbenzene was added to the list of Quadrant 3 constituents to be evaluated in the OU3 FS based on results of the 2012 groundwater sampling event.

9 SUMMARY AND CONCLUSIONS

This RI Report summarizes the findings of numerous investigations and removal response actions performed in the upland areas of the Site since the termination of industrial activities in 1994. The findings will be used to develop remedial alternatives for the Site which will be presented in the Feasibility Study.

The risk assessments for human and ecological receptors characterize exposures and potential risks associated with the residual levels of chemical constituents that remain following the extensive removal response actions that were completed between 1994 and 1997. For non-residential receptors that are consistent with general plans for future redevelopment of the LCP property, the HHBRA documents a low degree of risk. In fact, the potential adverse health effects potentially associated with non-carcinogenic and carcinogenic COPC were below regulatory thresholds established in the NCP in four of the five EUs evaluated at the Site. In Quadrant 4, the concentrations of Aroclor-1260, Aroclor-1268, and mercury contributed at least 10% of the total of the non-cancer hazard estimate for the Excavation Worker scenario that exceeded regulatory thresholds. Spatial evaluations of these three constituents were provided in Section 7 to facilitate the evaluation of risk reduction measures in the Feasibility Study.

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Table 4-1
Physical Testing Data

Location	Sample_ID	Northing	Easting	Depth (ft)	% Fines	% Moisture	pH	TOC (%)
TP-A1	950332-51	-2122.33	-541.42	0.5	11.8	10.3	6.1	3.3
TP-A1	950332-52	-2122.33	-541.42	1	7.7	11.4	6.6	1.9
TP-A1	950332-53	-2122.33	-541.42	1.5	5.8	9.1	7	0.9
TP-A1	950332-54	-2122.33	-541.42	1.8	6.1	16.1	6.8	1.7
TP-A2	950332-55	-2126.35	-501.32	0.5	8.2	11.8	8.4	2.7
TP-A2	950332-56	-2126.35	-501.32	0.8	7	11.3	8.4	2.1
TP-A2	950332-57	-2126.35	-501.32	1.3	5.8	13.2	8.2	1.2
TP-A2	950332-59	-2126.35	-501.32	1.8	17	16.5	8.8	0.8
TP-A3	950332-60	-2131.05	-462.58	0.5	7.8	9.3	7	2.7
TP-A3	950332-61	-2131.05	-462.58	0.8	6.5	10.4	7.6	2.2
TP-A3	950332-62	-2131.05	-462.58	1.3	6.4	10.2	8	1.3
TP-A3	950332-63	-2131.05	-462.58	1.8	6.4	11.4	8	1.4
TP-A4	950332-64	-2162.05	-542.63	0.5	7.8	12.2	6.2	2.8
TP-A4	950332-65	-2162.05	-542.63	1	7.6	16	7.3	2.8
TP-A4	950332-67	-2162.05	-542.63	1.5	5.6	17.2	7.3	0.9
TP-A4	950332-68	-2162.05	-542.63	2	5.1	20.1	7.3	0.6
TP-A5	950332-69	-2161.4	-512.24	0.5	7.5	9.1	7.5	4.1
TP-A5	950332-70	-2161.4	-512.24	0.8	6	11.3	8.8	2
TP-A5	950332-71	-2161.4	-512.24	1.3	5.3	13.6	6.5	2.4
TP-A5	950332-72	-2161.4	-512.24	1.8	4.9	18	6.2	1
TP-A6	950332-73	-2161.71	-471.23	0.5	6.7	11.9	6.5	3.3
TP-A6	950332-74	-2161.71	-471.23	0.8	5.8	10.3	5.5	2.2
TP-A6	950332-75	-2161.71	-471.23	1.3	5.4	11.2	5.3	1.8
TP-A6	950332-76	-2161.71	-471.23	1.8	5.4	12.9	5	1.3
TP-A7	950332-77	-2192.02	-552.88	0.5	6.2	10.9	5.3	2.3
TP-A7	950332-78	-2192.02	-552.88	0.8	6.2	14	5.9	2.5
TP-A7	950332-79	-2192.02	-552.88	1.3	6.3	15.2	5.4	1.8
TP-A7	950332-80	-2192.02	-552.88	1.8	6.4	20.5	5.7	2
TP-A8	950332-81	-2199.06	-511.48	0.5	9.1	11.8	6.1	4.6
TP-A8	950332-82	-2199.06	-511.48	0.8	6.7	11.5	6.1	2.2
TP-A8	950332-83	-2199.06	-511.48	1.3	5.4	13.3	6.5	1.2
TP-A8	950332-84	-2199.06	-511.48	1.8	5.2	16.3	6.5	1
TP-A9	950332-85	-2200.26	-472.42	0.5	7.5	9.9	5.1	4.2
TP-A9	950332-86	-2200.26	-472.42	0.8	6.5	6.2	6.7	3.1
TP-A9	950332-87	-2200.26	-472.42	1.3	5.1	9.6	7	1.4
TP-A9	950332-88	-2200.26	-472.42	1.8	6	6	6.1	2.7
TP-B1	950333-51	-2930.11	-1425.4	0.5	8.5	29.7	6.1	1.7

Table 4-1
Physical Testing Data

Location	Sample_ID	Northing	Easting	Depth (ft)	% Fines	% Moisture	pH	TOC (%)
TP-B1	950333-52	-2930.11	-1425.4	0.8	6.3	11.2	6.6	5.3
TP-B1	950333-53	-2930.11	-1425.4	1.3	5.5	9.2	7	0.8
TP-B1	950333-54	-2930.11	-1425.4	1.8	5.2	11.6	6.8	0.8
TP-B2	950333-55	-2931.57	-1383.03	0.5	8.1	15.3	8.4	3.2
TP-B2	950333-56	-2931.57	-1383.03	0.8	6.9	3.8	8.4	1.8
TP-B2	950333-57	-2931.57	-1383.03	1.5	6.3	13.9	8.2	0.8
TP-B2	950333-59	-2931.57	-1383.03	2	6.8	5	8.8	0.7
TP-B3	950333-60	-2932.61	-1344.46	0.5	5.4	5.8	7	0.9
TP-B3	950333-61	-2932.61	-1344.46	0.8	6.6	6.6	7.6	0.6
TP-B3	950333-62	-2932.61	-1344.46	1.3	6.7	7.3	8	0.5
TP-B3	950333-63	-2932.61	-1344.46	1.8	6.4	67.9	8	0.5
TP-B4	950333-64	-2970.46	-1427.07	0.5	10.1	10.8	6.2	11
TP-B4	950333-65	-2970.46	-1427.07	0.8	5.1	8.9	7.3	1.6
TP-B4	950333-66	-2970.46	-1427.07	1.3	5.2	9.9	7.3	0.5
TP-B4	950333-67	-2970.46	-1427.07	1.8	5	17.6	7.3	0.5
TP-B5	950334-51	-2970.32	-1388.39	0.5	5.9	7.6	7.5	1.9
TP-B5	950334-52	-2970.32	-1388.39	0.8	4.9	8.3	8.8	0.5
TP-B5	950334-53	-2970.32	-1388.39	1.3	4.7	10.2	8.8	0.5
TP-B5	950334-54	-2970.32	-1388.39	1.8	4.2	15.6	8.7	0.4
TP-B6	950334-55	-2972.18	-1345.96	0.5	6.7	7.8	6.7	0.7
TP-B6	950334-56	-2972.18	-1345.96	0.8	5.5	7.4	7.5	0.5
TP-B6	950334-58	-2972.18	-1345.96	1.3	5.2	10.4	8.3	0.4
TP-B6	950334-59	-2972.18	-1345.96	1.8	5.2	16.4	9.3	0.4
TP-B7	950334-60	-3009.83	-1431.57	0.5	19.2	22.7	6.7	16.3
TP-B7	950334-61	-3009.83	-1431.57	1	4.7	10	6.9	0.2
TP-B7	950334-62	-3009.83	-1431.57	1.1	8.3	13.2	6.7	1.7
TP-B7	950334-63	-3009.83	-1431.57	1.8	6.7	14.1	7.6	1.6
TP-B8	950334-64	-3009.33	-1384.6	0.5	5.4	8	7.8	0.7
TP-B8	950334-65	-3009.33	-1384.6	0.8	6.1	9.3	7.4	0.5
TP-B8	950334-66	-3009.33	-1384.6	1.3	4.6	12.3	7.7	0.4
TP-B8	950334-67	-3009.33	-1384.6	1.8	3.8	17.6	7.4	0.2
TP-B9	950334-69	-3011.44	-1347.18	0.8	4.7	5.7	7.7	0.4
TP-B9	950334-70	-3011.44	-1347.18	0.8	5.1	7.5	7.5	0.4
TP-B9	950334-71	-3011.44	-1347.18	1.3	5.5	8.1	8	0.4
TP-B9	950334-72	-3011.44	-1347.18	1.8	4.5	17.5	7.8	0.3

% Fines - Percent of soil passing a No. 200 sieve

TOC - Total Organic Carbon

Table 6-1
Summary of the OU3 HHBRA Remedial Goal Options (RGOs) for Soil

Exposure Unit/COCs	Surface Soil EPC (mg/kg)	Resident				Industrial Worker				Subsurface Soil EPC (mg/kg)	Excavation Worker			
		Calculated HQ	RGO ⁽¹⁾ at Target HQ of:			Calculated ELCR	RGO ⁽²⁾ at Target ELCR of:				Calculated HQ	RGO (mg/kg) at Target HQ of:		
			0.1	1	3		1.0E-06	1.0E-05	1.0E-04			0.1	1	3
Quad 1														
Aroclor 1260	0.17	0.15	0.11				Receptor Risk < 1E-4 No RGOs Developed					Receptor HI < 1 No RGOs Developed		
Aroclor 1268 (Ar1016 RfD)	0.14	0.03	0.40											
Aroclor 1268 (Ar1254 RfD)	0.14	0.12	0.11											
Iron	8657	0.16	5475											
Mercury, Inorganic Salts	12.6	0.54	2.35											
Quad 2														
Aroclor 1221	0.27	0.24	0.11				Receptor Risk < 1E-4 No RGOs Developed					parameter HQ < 0.1		
Aroclor 1254	0.86	0.76	0.11							--	--	0.42		
Aroclor 1260	1.22	1.07	0.11	1.14						0.64	0.15	0.42		
Aroclor 1268 (Ar1016 RfD)	5.22	1.31	0.40	3.97						1.21	0.29	0.42		
Aroclor 1268 (Ar1254 RfD)	5.22	4.60	0.11	1.14	3.41					2.94	0.20	1.47		
Iron	6603	0.12	5475							2.94	0.70	0.42		
Mercury, Inorganic Salts	9.43	0.40	2.35							--	--	parameter HQ < 0.1		
										--	--	parameter HQ < 0.1		
Quad 3														
Aluminum	12427	0.16	7736				Receptor Risk < 1E-4 No RGOs Developed					parameter HQ < 0.1		
Antimony	4.66	0.15	3.13							--	--	parameter HQ < 0.1		
Aroclor 1254	1.13	1.00	0.11							1.05	0.25	0.42		
Aroclor 1260	0.41	0.36	0.11							--	--	parameter HQ < 0.1		
Aroclor 1268 (Ar1016 RfD)	1.43	0.36	0.40							--	--	parameter HQ < 0.1		
Aroclor 1268 (Ar1254 RfD)	1.43	1.26	0.11	1.14						0.85	0.20	0.42		
Arsenic, Inorganic	8.58	0.40	2.17							--	--	parameter HQ < 0.1		
Iron	11105	0.20	5475							--	--	parameter HQ < 0.1		
Mercury, Inorganic Salts	4.01	0.17	2.35							--	--	parameter HQ < 0.1		
4,6-Dinitro-2-methylphenol	32.0	6.5	0.49	4.93						8.66	0.47	1.83		
Quad 4														
Antimony	11.8	0.38	3.13			--				--	--	parameter HQ < 0.1		
Aroclor 1254	0.25	0.22	0.11			1.1E-06	0.22			--	--	parameter HQ < 0.1		
Aroclor 1260	6.76	6.0	0.11	1.14	3.41	3.0E-05	0.22	2.23		0.57	1.18	4.70	1.12	0.42 4.19
Aroclor 1268 (Ar1016 RfD)	9.13	2.3	0.40	3.97		4.1E-05	0.22	2.23		0.22	4.13	--	--	parameter HQ < 0.1
Aroclor 1268 (Ar1254 RfD)	9.13	8.0	0.11	1.14	3.41	4.1E-05	0.22	2.23		0.77	1.18	6.87	1.64	0.42 4.19
Arsenic, Inorganic	1.18	--	parameter HQ < 0.1			3.0E-06	0.39			--	parameter HQ < 0.1	--	--	parameter HQ < 0.1
Benz[a]anthracene	1.78	--	parameter HQ < 0.1			2.9E-06	0.62			--	parameter HQ < 0.1	--	--	parameter HQ < 0.1
Benzo[a]pyrene	0.61	--	parameter HQ < 0.1			9.8E-06	0.062			--	parameter HQ < 0.1	--	--	parameter HQ < 0.1
Chromium	19.8	--	parameter HQ < 0.1			1.5E-05	1.28	12.77		--	parameter HQ < 0.1	--	--	parameter HQ < 0.1
Dibenz[a,h]anthracene	0.47	--	parameter HQ < 0.1			7.5E-06	0.062			--	parameter HQ < 0.1	--	--	parameter HQ < 0.1
Iron	5852	0.11	5475			--				--	--	parameter HQ < 0.1		
Mercury, Inorganic Salts	8.78	0.37	2.35			--				--	--	parameter HQ < 0.1		

Notes:

- (1) All RGO values are in units of mg/kg. Calculated RGO values greater than the applicable Soil EPC are not shown.
- (2) RGOs based on theoretical cancer risk were calculated for the RME Lifetime Resident Scenario even though the cumulative ELCR for this receptor (1.1E-4) does not exceed high-end of the CERCLA risk range (1E-4) when rounded to one significant digit.

Table 6-2
Experimental Design for Data Generation and Analysis in the OU3 BERA

Measurement	Number of sampling stations ^a	Analytical method ^b	Typical detection limit	Other details
Surface Water Chemistry – Freshwater Pond				
General water quality characteristics	3	Hydrolab	----	Temperature, salinity, specific conductance, turbidity, pH, and dissolved oxygen evaluated
Total mercury	3	1631E	0.08 ng/L	Total and dissolved mercury evaluated by "clean-hands" methods
Methylmercury	3	1630	0.05 ng/L	----
Aroclor 1268	3	8082	0.001 ug/L	Other Aroclors also evaluated
Lead	3	200.8	0.006 ug/L	Total and dissolved lead evaluated
Antimony	2	200.8	0.02 ug/L	Total and dissolved antimony evaluated
Copper	2	200.8	0.03 ug/L	Total and dissolved copper evaluated
Nickel	2	200.8	0.04 ug/L	Total and dissolved nickel evaluated
Vanadium	2	200.8	0.08 ug/L	Total and dissolved vanadium evaluated
Zinc	2	200.8	0.1 ug/L	Total and dissolved zinc evaluated
Surface Soil Chemistry – Upland^{c,d}				
Grain-size distribution	26	ASTM D-422	1% passing sieve	----
pH	26	9045C	----	----
Total organic carbon	26	ASTM D4129-82M	0.02% (dry wt)	----
Total mercury	26	1631E	0.0002 mg/kg (dry wt)	----
Methylmercury	26	CAS SOP	0.00004 mg/kg (dry wt)	----
Aroclor 1268	26	8082	0.0017 mg/kg (dry wt)	Other Aroclors also evaluated
Lead	26	6020	0.05 mg/kg (dry wt)	----
PAHs	12	8270C	Variable	18 different PAHs evaluated
Antimony	12	6020	0.05 mg/kg (dry wt)	----
Copper	12	6020	0.1 mg/kg (dry wt)	----
Nickel	12	6020	0.03 mg/kg (dry wt)	----
Vanadium	12	6020	0.04 mg/kg (dry wt)	----
Zinc	12	6020	0.5 mg/kg (dry wt)	----
Surface Sediment Chemistry – Freshwater Pond and Estuary^e				
Grain-size distribution	13	ASTM D-422	1% passing sieve	----
Total organic carbon	13	ASTM D4129-82M	0.02% (dry wt)	----
Total mercury	13	1631E	0.0002 mg/kg (dry wt)	----
Methylmercury	13	CAS SOP	0.00004 mg/kg (dry wt)	----
Aroclor 1268	13	8082	0.0017 mg/kg (dry wt)	Other Aroclors also evaluated
Lead	13	6020	0.05 mg/kg (dry wt)	----
PAHs	11	8270C	Variable	18 different PAHs evaluated
Antimony	2	6020	0.05 mg/kg (dry wt)	----
Copper	2	6020	0.1 mg/kg (dry wt)	----
Nickel	2	6020	0.03 mg/kg (dry wt)	----
Vanadium	2	6020	0.04 mg/kg (dry wt)	----
Zinc	2	6020	0.5 mg/kg (dry wt)	----

Table 6-2
Experimental Design for Data Generation and Analysis in the OU3 BERA

Measurement	Number of sampling stations ^a	Analytical method ^b	Typical detection limit	Other details
<u>Bioaccumulation/Toxicity Tests of Surface Soil – Soil Invertebrates^c</u>				
Earthworms	12	ASTM E1676-04	----	Evaluation of survival; sublethal effects; and body burdens of primary and secondary Chemicals of Potential Concern (COPC) in worms after 28-day laboratory exposure to surface soil
<u>Chemical Body Burdens of Potential Food Items of Modeled Wildlife</u>				
<u>Biota Collected</u>				
Grass	12	----	----	1 replicate of shoots and roots combined
Berries of plants	14	----	----	1 replicate of primarily southern bayberry (<i>Myrica cerifera</i>)
Insects	7	----	----	1 replicate of composited species (moths, grasshoppers, beetles, and/or dragonflies)
Spiders	1	----	----	1 replicate collected along shoreline of freshwater pond
Fiddler crabs	5	----	----	3 replicates of about 20 - 35 composited crabs (mostly males)
Fish (Mummichogs)	5	----	----	3 replicates of 5 - 20 composited fish (about 45 - 97 mm in length)
<u>Chemical Analyses Performed on Potential Food Items of Modeled Wildlife (Whole Bodies Analyzed)</u>				
Total mercury	----	1631E	0.0001 mg/kg (wet wt)	----
Methylmercury	----	CAS SOP	0.001 mg/kg (wet wt)	----
Aroclor 1268	----	8082	0.002 mg/kg (wet wt)	Other Aroclors also evaluated for earthworms and other terrestrial food items
Lead	----	6020	0.001 mg/kg (wet wt)	----
Antimony	----	200.8	0.004 mg/kg (wet wt)	Evaluated for just earthworms and other terrestrial food items
Copper	----	200.8	0.006 mg/kg (wet wt)	Evaluated for just earthworms and other terrestrial food items
Nickel	----	200.8	0.006 mg/kg (wet wt)	Evaluated for just earthworms and other terrestrial food items
Vanadium	----	200.8	0.008 mg/kg (wet wt)	Evaluated for just earthworms and other terrestrial food items
Zinc	----	200.8	0.08 mg/kg (wet wt)	Evaluated for just earthworms and other terrestrial food items

^aNumber of sampling stations includes reference locations.

^bAnalytical methods are U. S. EPA methods unless otherwise indicated.

^cSurface soil is defined as the biologically active zone between 0 and 30 cm in depth.

^dThree (3) samples of subsurface soil (30 - 45 cm in depth) were also collected and evaluated for background concentrations of all chemicals assessed in surface soil.

^eSurface sediment is defined as the biologically active zone between 0 and 15 cm in depth.

Table 6-3
Summary of the OU3 BERA Preliminary Remedial Goals (PRGs) for soil ⁽¹⁾

Wildlife Receptors	HQ Nodal number ⁽²⁾						
	1 NOAEL-based	2	3	4 GMAEL-based	5	6	7 LOAEL-based
<u>Total Mercury (mg/kg, dw) -- Based on Methylmercury Exposure</u>							
Broad-winged hawk (50%/100% MeHg/tHg ratio in small-mammal food)	3.5/1.7	4.2/2.0	5/2.4	5.9/2.9	7.1/3.5	8.5/4.2	10/5.0
Long-tailed weasel (100% MeHg/tHg ratio in small- mammal food)	5.3	6.0	6.8	7.6	8.6	9.8	11
<u>Total Mercury (mg/kg, dw) -- Based on Inorganic Mercury Exposure</u>							
Mourning dove	0.67	1.1	1.8	3.0	4.8	7.9	13
Meadow vole	3.8	3.8	3.8	3.8	3.8	3.8	3.8
Short-tailed shrew	2.8	2.8	2.8	2.8	2.8	2.8	2.8
<u>Aroclor 1268 in Substrate (mg/kg, dw) -- Based on Aroclor 1254 TRV</u>							
Meadow vole	0.36	0.53	0.78	1.1	1.7	2.5	3.6
Short-tailed shrew	0.21	0.31	0.45	0.66	0.98	1.4	2.1
Long-tailed weasel	0.60	0.88	1.3	1.9	2.8	4.1	6.0
<u>Lead (mg/kg, dw)</u>							
Mourning dove	135	160	190	230	280	330	400
Short-tailed shrew	240	350	520	760	1,100	1,600	2,400

Notes:

- (1) Back-calculated PRGs are shown for the COPC/wildlife combinations with GMAEL HQs that exceeded 1.
(2) Series of nodal PRGs for each COPC/wildlife combination reflects a geometric series generated by identifying the NOAEL-based and LOAEL-based PRG and adjusting the common geometric ratio (r) to interpolate other values.

Table 7-1a
Soil Data Evaluation Results for Quadrant 1
Surface Soil COPCs (0-2 ft bgs)

Parameter	Number of Samples	Frequency	Average	StdDev
1,2,4-Trichlorobenzene	27	0/27	ND	ND
2-Methylnaphthalene	35	11/35	0.01	0.04
4,6-Dinitro-2-methylphenol	26	0/26	ND	ND
Aluminum	20	19/20	3606	1108
Antimony	24	8/24	0.02	0.03
Aroclor-1221	39	0/39	ND	ND
Aroclor-1254	39	10/39	0.02	0.04
Aroclor-1260	39	7/39	0.06	0.20
Aroclor-1268	28	14/28	0.06	0.12
Arsenic	20	12/20	0.95	1.18
Benzene	27	0/27	ND	ND
Benzo(a)anthracene	35	15/35	0.11	0.31
Benzo(a)pyrene	35	16/35	0.09	0.26
Chromium	20	19/20	5.18	3.75
Copper	24	17/24	5.57	9.40
Dibenzo(a,h)anthracene	35	7/35	0.003	0.01
Dichloromethane (Methylene chloride)	27	9/27	0.003	0.01
Iron	20	18/20	4617	5835
Lead	48	37/48	39.7	47.5
Mercury	48	35/48	2.76	7.67
Naphthalene	35	5/35	0.002	0.01
Nickel	24	12/24	1.10	1.45
Vanadium	24	17/24	7.83	9.29
Zinc	24	16/24	20.9	29.2

Units: mg/kg

Table 7-1b
Soil Data Evaluation Results for Quadrant 2
Surface Soil COPCs (0-2 ft bgs)

Parameter	Number of Samples	Frequency	Average	StdDev
1,2,4-Trichlorobenzene	47	0/47	ND	ND
2-Methylnaphthalene	19	6/19	0.03	0.09
4,6-Dinitro-2-methylphenol	9	0/9	ND	ND
Aluminum	10	9/10	3108	1016
Antimony	11	3/11	0.08	0.18
Aroclor-1221	84	1/84	0.00	0.03
Aroclor-1254	84	16/84	0.17	1.20
Aroclor-1260	84	2/84	0.03	0.20
Aroclor-1268	76	37/76	3.67	8.46
Arsenic	10	3/10	0.44	1.04
Benzene	54	1/54	0.0002	0.0016
Benzo(a)anthracene	55	8/55	0.03	0.13
Benzo(a)pyrene	55	8/55	0.04	0.15
Chromium	10	9/10	5.86	2.88
Copper	11	9/11	10.7	9.5
Dibenzo(a,h)anthracene	55	6/55	0.01	0.04
Dichloromethane (Methylene chloride)	54	0/54	ND	ND
Iron	10	9/10	3719	3975
Lead	59	27/59	18.5	32.1
Mercury	62	24/62	1.78	3.75
Naphthalene	55	6/55	0.01	0.02
Nickel	11	3/11	0.72	1.95
Vanadium	11	6/11	5.87	7.27
Zinc	11	8/11	68.7	81.8

Units: mg/kg

Table 7-1c
Soil Data Evaluation Results for Quadrant 3
Surface Soil COPCs (0-2 ft bgs)

Parameter	Number of Samples	Frequency	Average	StdDev
1,2,4-Trichlorobenzene	41	0/41	ND	ND
2-Methylnaphthalene	112	20/112	0.60	3.42
4,6-Dinitro-2-methylphenol	21	1/21	1.52	6.98
Aluminum	11	11/11	5036	5623
Antimony	14	5/14	0.73	2.63
Aroclor-1221	231	0/231	ND	ND
Aroclor-1254	231	31/231	0.47	2.29
Aroclor-1260	231	15/231	0.07	0.52
Aroclor-1268	230	43/230	0.76	2.73
Arsenic	12	9/12	3.31	4.14
Benzene	119	4/119	0.01	0.11
Benzo(a)anthracene	128	27/128	0.19	0.72
Benzo(a)pyrene	128	21/128	0.06	0.23
Chromium	12	11/12	5.66	3.68
Copper	14	14/14	28.2	41.1
Dibenzo(a,h)anthracene	128	9/128	0.03	0.24
Dichloromethane (Methylene chloride)	119	15/119	0.06	0.37
Iron	11	11/11	7280	7000
Lead	278	227/278	208	440
Mercury	263	143/263	2.55	4.28
Naphthalene	128	24/128	0.71	4.88
Nickel	14	13/14	10.0	11.0
Vanadium	14	14/14	20.6	19.0
Zinc	14	14/14	46.4	44.9

Units: mg/kg

Table 7-1d
Soil Data Evaluation Results for Quadrant 4
Surface Soil COPCs (0-2 ft bgs)

Parameter	Number of Samples	Frequency	Average	StdDev
1,2,4-Trichlorobenzene	184	0/184	ND	ND
2-Methylnaphthalene	89	17/89	0.06	0.24
4,6-Dinitro-2-methylphenol	12	0/12	ND	ND
Aluminum	17	17/17	2615	998
Antimony	21	13/21	1.27	4.78
Aroclor-1221	400	0/400	ND	ND
Aroclor-1254	400	20/400	0.37	5.51
Aroclor-1260	400	9/400	3.21	41.24
Aroclor-1268	396	103/396	3.66	26.26
Arsenic	17	9/17	0.58	0.94
Benzene	250	4/250	0.0022	0.02
Benzo(a)anthracene	259	36/259	0.26	1.44
Benzo(a)pyrene	259	37/259	0.27	1.32
Chromium	17	16/17	6.59	12.45
Copper	21	17/21	5.47	8.98
Dibenzo(a,h)anthracene	259	23/259	0.11	0.60
Dichloromethane (Methylene chloride)	250	28/250	0.35	1.66
Iron	17	17/17	3013	3749
Lead	375	290/375	123	187
Mercury	406	180/406	3.25	10.84
Naphthalene	259	25/259	0.12	0.97
Nickel	21	14/21	1.58	2.24
Vanadium	21	15/21	4.06	4.10
Zinc	21	19/21	229	862

Units: mg/kg

Table 7-1e
Soil Data Evaluation Results for former Off-site Tank Farm
Surface Soil COPCs (0-2 ft bgs)

Parameter	Number of Samples	Frequency	Average	StdDev
1,2,4-Trichlorobenzene	3	0/3	ND	ND
2-Methylnaphthalene	14	1/14	0.0016	0.01
4,6-Dinitro-2-methylphenol	3	0/3	ND	ND
Aluminum	3	3/3	2116	520
Antimony	3	1/3	0.53	0.92
Aroclor-1221	14	0/14	ND	ND
Aroclor-1254	14	0/14	ND	ND
Aroclor-1260	14	0/14	ND	ND
Aroclor-1268	14	1/14	0.02	0.06
Arsenic	3	2/3	1.00	0.89
Benzene	14	0/14	ND	ND
Benzo(a)anthracene	14	6/14	0.17	0.32
Benzo(a)pyrene	14	5/14	0.21	0.49
Chromium	3	3/3	3.50	1.67
Copper	3	3/3	9.97	10.43
Dibenzo(a,h)anthracene	14	2/14	0.03	0.09
Dichloromethane (Methylene chloride)	14	1/14	0.0003	0.0007
Iron	3	3/3	1795	1206
Lead	14	9/14	276	831
Mercury	14	3/14	0.14	0.44
Naphthalene	14	0/14	ND	ND
Nickel	3	3/3	1.32	0.96
Vanadium	3	3/3	4.43	2.11
Zinc	3	3/3	35.2	31.9

Units: mg/kg

Table 7-2a
Soil Data Evaluation Results for Quadrant 1
Surface and Subsurface Soil COPCs (0-6 ft bgs)

Parameter	Number of Samples	Frequency	Average	StdDev
1,2,4-Trichlorobenzene	55	0/55	ND	ND
2-Methylnaphthalene	78	16/78	0.01	0.03
4,6-Dinitro-2-methylphenol	52	0/52	ND	ND
Aluminum	40	33/40	3412	1027
Antimony	44	12/44	0.01	0.03
Aroclor-1221	81	0/81	ND	ND
Aroclor-1254	81	11/81	0.01	0.03
Aroclor-1260	81	7/81	0.03	0.14
Aroclor-1268	59	21/59	0.13	0.74
Arsenic	40	17/40	0.53	0.93
Benzene	60	0/60	ND	ND
Benzo(a)anthracene	78	23/78	0.07	0.24
Benzo(a)pyrene	78	22/78	0.05	0.19
Chromium	40	32/40	4.21	2.89
Copper	44	26/44	4.22	8.66
Dibenzo(a,h)anthracene	78	10/78	0.0022	0.01
Dichloromethane (Methylene chloride)	60	13/60	0.0025	0.01
Iron	40	35/40	3209	4338
Lead	101	65/101	37.0	71.1
Mercury	101	61/101	1.98	5.67
Naphthalene	78	8/78	0.01	0.10
Nickel	44	19/44	0.82	1.22
Vanadium	44	26/44	4.91	7.67
Zinc	44	25/44	13.9	23.6

Units: mg/kg

Table 7-2b
Soil Data Evaluation Results for Quadrant 2
Surface and Subsurface Soil COPCs (0-6 ft bgs)

Parameter	Number of Samples	Frequency	Average	StdDev
1,2,4-Trichlorobenzene	57	0/57	ND	ND
2-Methylnaphthalene	35	6/35	0.02	0.07
4,6-Dinitro-2-methylphenol	19	0/19	ND	ND
Aluminum	20	15/20	2915	936
Antimony	21	3/21	0.04	0.13
Aroclor-1221	100	1/100	0.0027	0.03
Aroclor-1254	100	16/100	0.14	1.10
Aroclor-1260	100	2/100	0.03	0.18
Aroclor-1268	84	37/84	3.32	8.11
Arsenic	20	3/20	0.22	0.75
Benzene	70	1/70	0.0002	0.0014
Benzo(a)anthracene	71	8/71	0.03	0.12
Benzo(a)pyrene	71	8/71	0.03	0.13
Chromium	20	18/20	4.48	2.52
Copper	21	12/21	6.42	8.47
Dibenzo(a,h)anthracene	71	6/71	0.01	0.03
Dichloromethane (Methylene chloride)	70	1/70	0.0001	0.0007
Iron	20	18/20	2318	3102
Lead	75	34/75	16.3	29.2
Mercury	86	30/86	1.42	3.34
Naphthalene	71	6/71	0.0040	0.02
Nickel	21	3/21	0.38	1.42
Vanadium	21	7/21	3.13	5.93
Zinc	21	10/21	37.1	67.2

Units: mg/kg

Table 7-2c
Soil Data Evaluation Results for Quadrant 3
Surface and Subsurface Soil COPCs (0-6 ft bgs)

Parameter	Number of Samples	Frequency	Average	StdDev
1,2,4-Trichlorobenzene	122	1/122	0.0006	0.01
2-Methylnaphthalene	310	84/310	2.26	8.35
4,6-Dinitro-2-methylphenol	59	2/59	0.55	4.17
Aluminum	34	32/34	3691	3506
Antimony	37	10/37	0.28	1.62
Aroclor-1221	451	1/451	0.0001	0.0020
Aroclor-1254	451	49/451	0.32	1.83
Aroclor-1260	451	22/451	0.04	0.38
Aroclor-1268	449	68/449	0.46	2.12
Arsenic	39	18/39	1.63	3.41
Benzene	335	23/335	0.09	1.12
Benzo(a)anthracene	360	54/360	0.12	0.58
Benzo(a)pyrene	360	43/360	0.25	3.76
Chromium	39	33/39	3.96	3.29
Copper	37	33/37	24.8	41.0
Dibenzo(a,h)anthracene	359	15/359	0.02	0.22
Dichloromethane (Methylene chloride)	335	36/335	0.12	0.96
Iron	34	34/34	5643	6579
Lead	546	381/546	147	331
Mercury	523	215/523	1.71	3.50
Naphthalene	360	95/360	1.85	7.60
Nickel	37	29/37	7.46	10.53
Vanadium	37	33/37	16.6	22.3
Zinc	37	32/37	37.2	40.8

Units: mg/kg

Table 7-2d
Soil Data Evaluation Results for Quadrant 4
Surface and Subsurface Soil COPCs (0-6 ft bgs)

Parameter	Number of Samples	Frequency	Average	StdDev
1,2,4-Trichlorobenzene	364	1/364	0.0004	0.01
2-Methylnaphthalene	196	35/196	0.35	1.95
4,6-Dinitro-2-methylphenol	23	0/23	ND	ND
Aluminum	35	35/35	4064	5988
Antimony	39	22/39	0.78	3.55
Aroclor-1221	827	0/827	ND	ND
Aroclor-1254	827	29/827	0.20	3.85
Aroclor-1260	827	15/827	1.75	29.01
Aroclor-1268	818	176/818	3.01	19.67
Arsenic	38	18/38	1.37	3.58
Benzene	503	6/503	0.0015	0.02
Benzo(a)anthracene	526	88/526	0.65	4.33
Benzo(a)pyrene	526	72/526	0.36	2.08
Chromium	38	30/38	7.53	13.03
Copper	39	28/39	4.72	8.66
Dibenzo(a,h)anthracene	523	44/523	0.17	1.48
Dichloromethane (Methylene chloride)	504	59/504	0.31	1.36
Iron	35	34/35	4232	7952
Lead	781	482/781	101	203
Mercury	849	324/849	3.37	10.14
Naphthalene	526	71/526	1.19	7.52
Nickel	39	22/39	1.65	4.40
Vanadium	39	25/39	6.42	16.30
Zinc	39	29/39	134	635

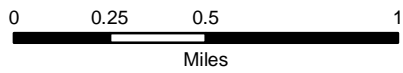
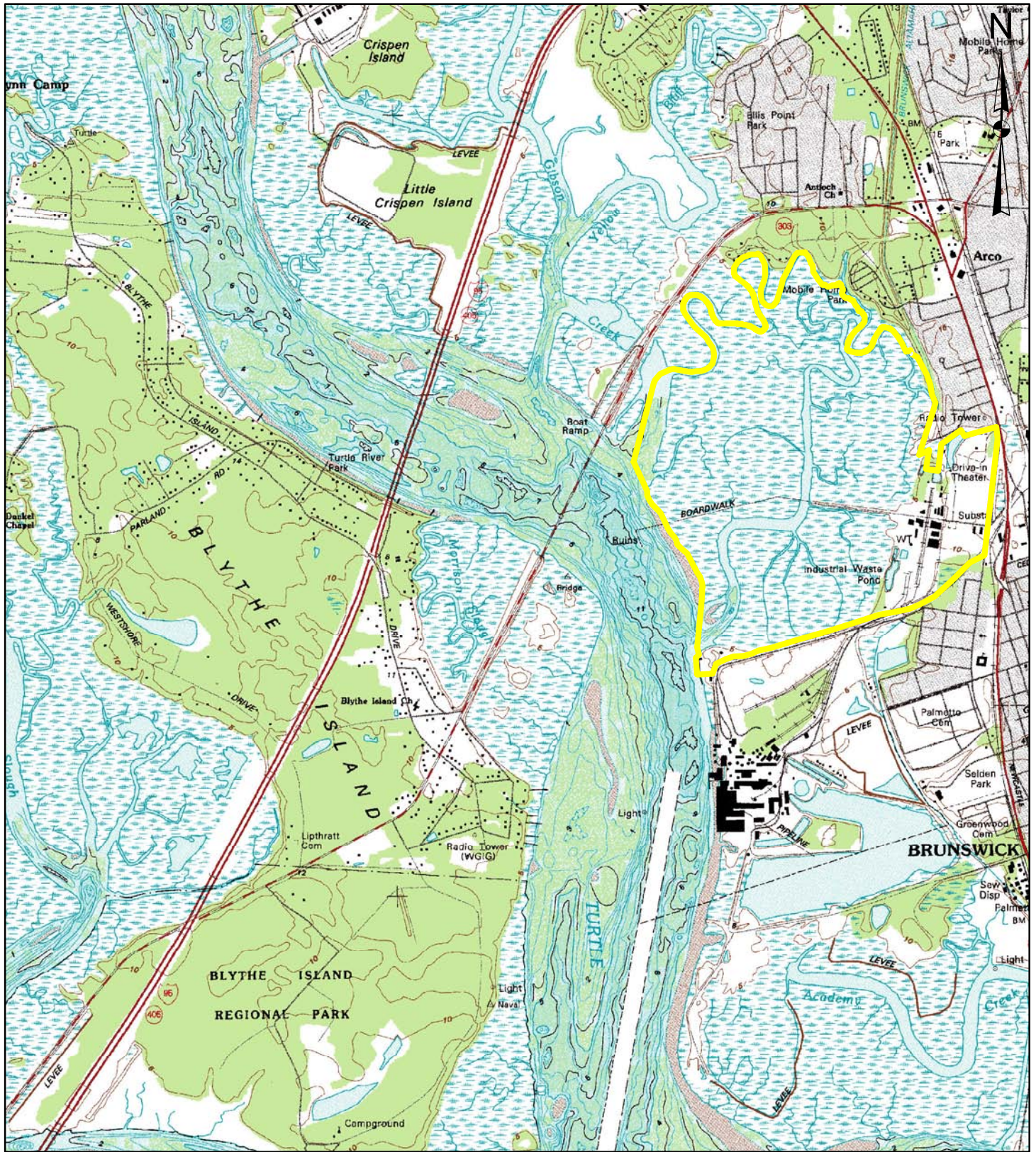
Units: mg/kg

Table 7-2e
Soil Data Evaluation Results for former Off-site Tank Farm
Surface and Subsurface Soil COPCs (0-6 ft bgs)

Parameter	Number of Samples	Frequency	Average	StdDev
1,2,4-Trichlorobenzene	3	0/3	ND	ND
2-Methylnaphthalene	27	1/27	0.0009	0.0044
4,6-Dinitro-2-methylphenol	3	0/3	ND	ND
Aluminum	3	3/3	2117	521
Antimony	3	1/3	0.53	0.92
Aroclor-1221	27	0/27	ND	ND
Aroclor-1254	27	0/27	ND	ND
Aroclor-1260	27	0/27	ND	ND
Aroclor-1268	27	1/27	0.01	0.04
Arsenic	3	2/3	1.00	0.89
Benzene	27	0/27	ND	ND
Benzo(a)anthracene	27	7/27	0.11	0.26
Benzo(a)pyrene	27	6/27	0.14	0.38
Chromium	3	3/3	3.50	1.67
Copper	3	3/3	9.97	10.43
Dibenzo(a,h)anthracene	27	2/27	0.01	0.06
Dichloromethane (Methylene chloride)	27	1/27	0.0001	0.0005
Iron	3	3/3	1795	1207
Lead	27	12/27	152	603
Mercury	27	3/27	0.07	0.32
Naphthalene	27	0/27	ND	ND
Nickel	3	3/3	1.32	0.96
Vanadium	3	3/3	4.43	2.11
Zinc	3	3/3	35.2	31.9

Units: mg/kg

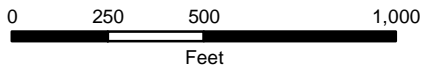
Site Location



Legend
LCP Site Property Boundary

Base Map Source: USGS Quadrangle Brunswick West, Ga. 1993

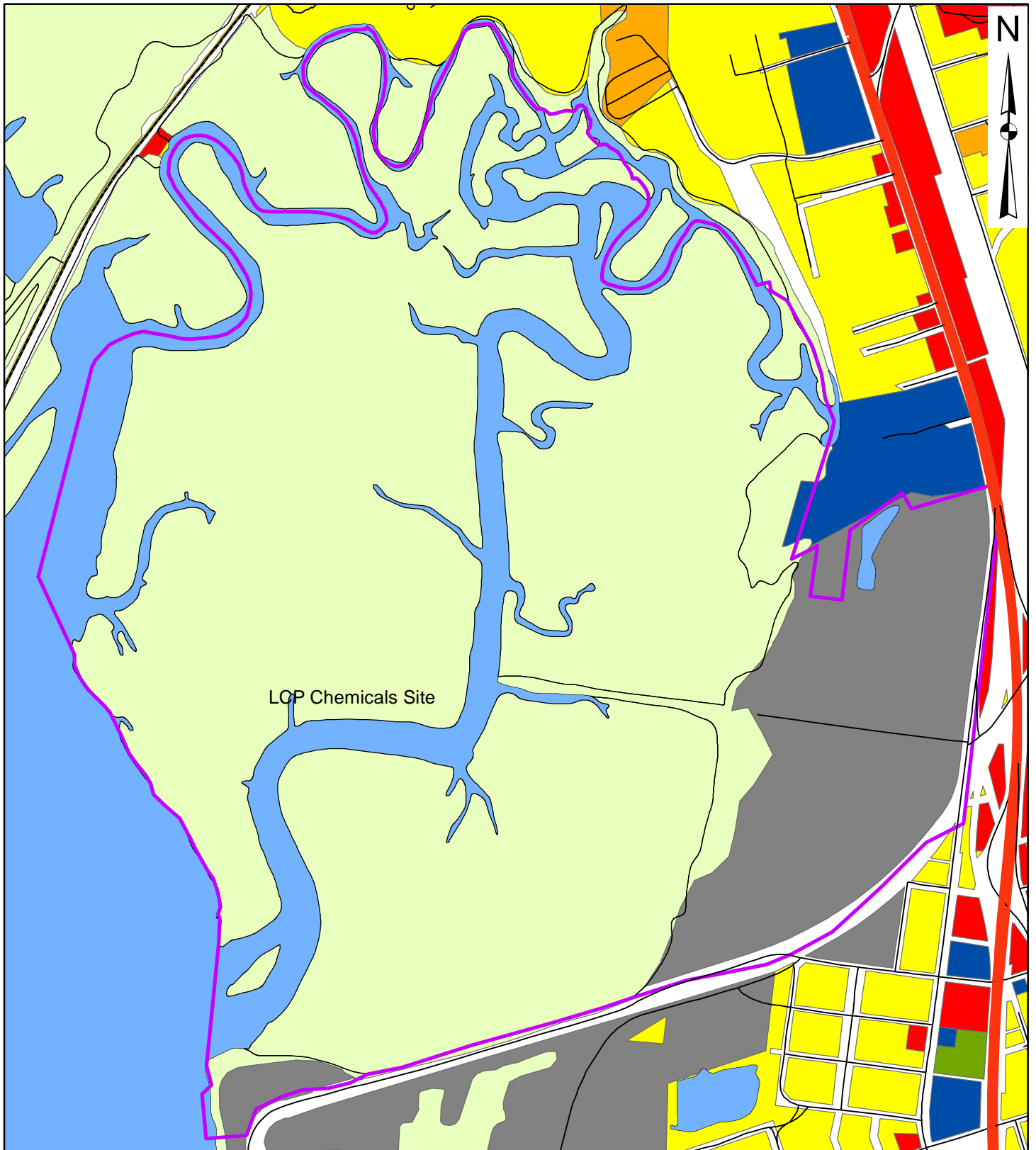
Site Operational Features



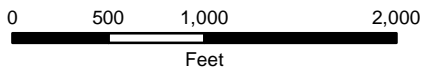
Legend

- Site Features
- Refinery Structures
- Refinery Operations
- Chlor-Alkali Operations
- Dixie O'Brian Paint Operations
- Power Plant Operations
- Former Brunswick Altamaha Canal

Glynn County Land Use



SOURCE: Glynn County Planning Commission, 1996.



Legend

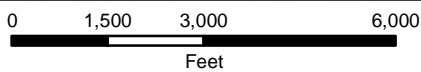
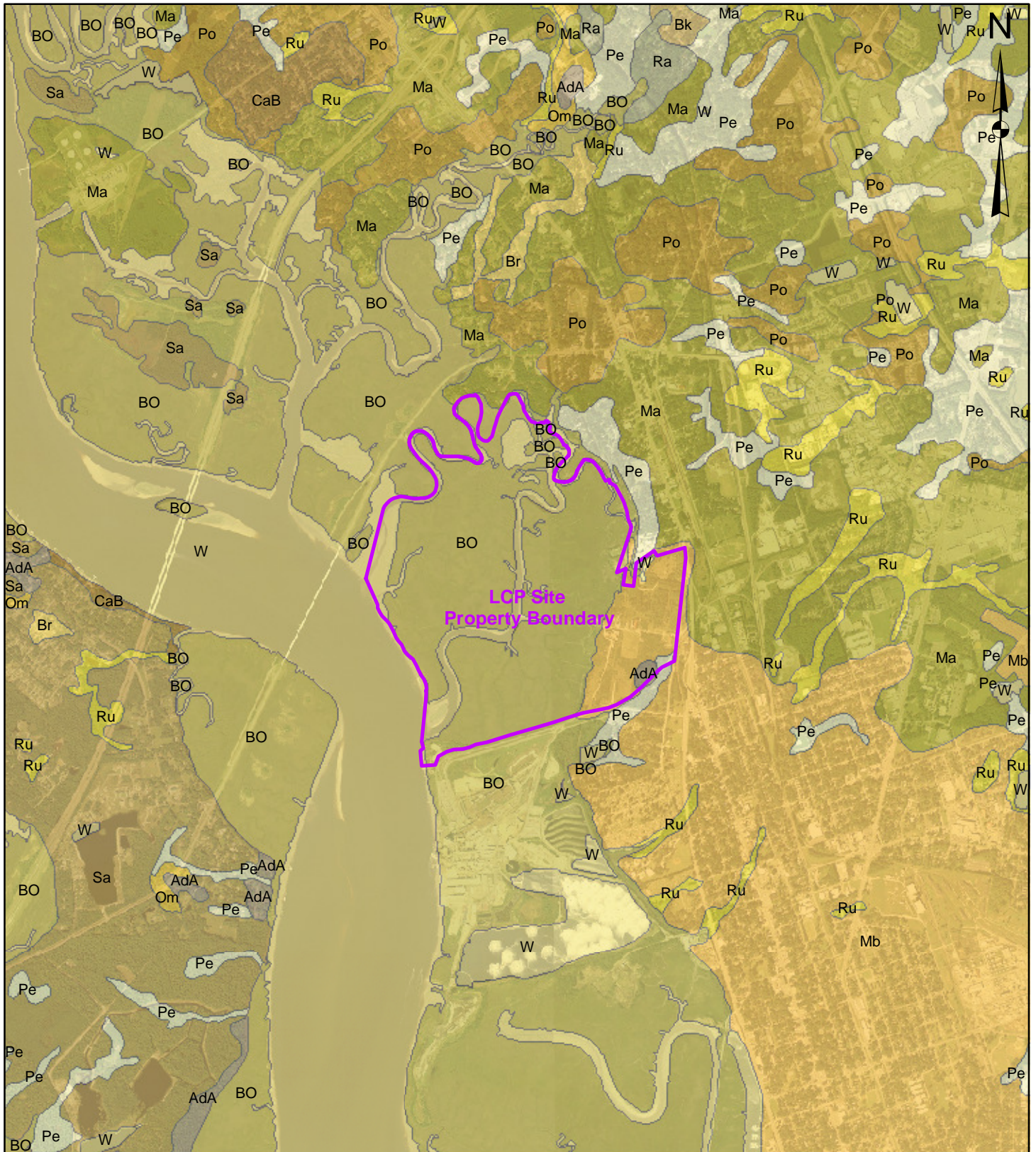
Existing Land Use

- Low Density Residential
- Medium to High Density Residential
- Commercial
- Industrial

- Public/Institutional
- Transportation/Communication/Utilities
- Parks/Recreational
- Undeveloped/Unused

LCP Site Property

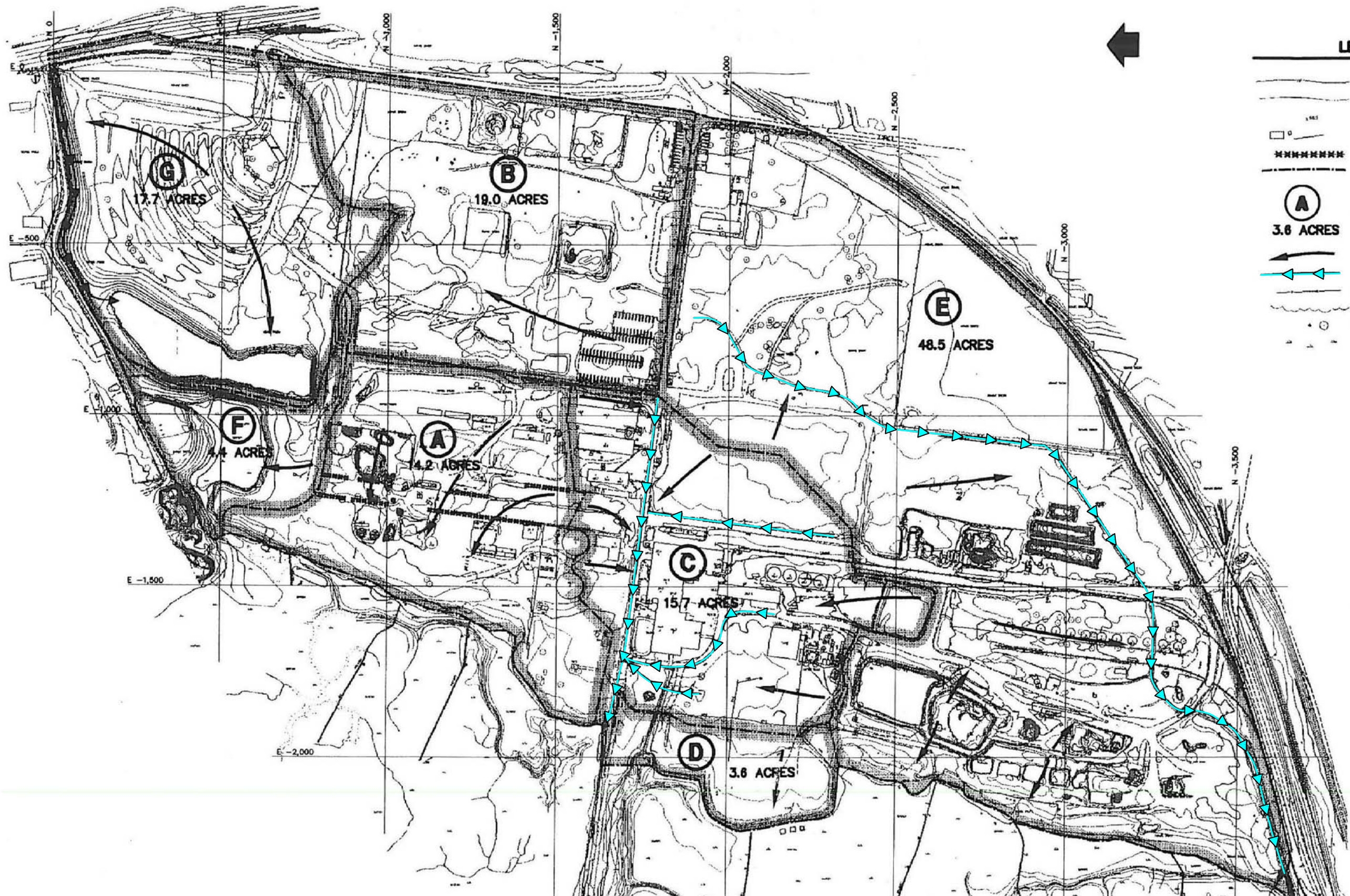
Soil Types



Source: Soil Survey of Camden and Glynn Counties, Georgia, Nov. 1980

Soil Legend

Ada	Albany fine sand, 0 to 2% slopes	Kk	Kingsland mucky peat	Po	Pottsburg sand
Be	Beaches	Ma	Mandarin fine sand	Ra	Rains fine sandy loam
Bk	Bladen loam	Mb	Mandarin-Urban land complexes	Ru	Rutlege fine sand
BO	Bohicket-Capers association	Me	Meggett fine sandy loam	Sa	Sapelo fine sand
Br	Brookman clay loam	Mf	Meggett loam, frequently flooded	Sb	Satilla loam
CaB	Cainhoj fine sand, 0 to 5% slopes	Om	Olustee sand		
Fd	Fripp-Duckston complex, 0 to 20% Slopes	Pe	Pelham loamy sand		



LEGEND

	EXISTING 5' CONTOUR
	EXISTING 1' CONTOUR
	EXISTING SPOT ELEVATION
	EXISTING BUILDING/STRUCTURE
	EXISTING WALL TO BE REMOVED
	PROPOSED DRAINAGE AREA BOUNDARY
	PROPOSED DRAINAGE AREA IDENTIFIER
3.6 ACRES	
	PROPOSED DRAINAGE FLOW DIRECTION
	CONCENTRATED OR CHANNELIZED FLOW
	EXISTING FENCE
	EXISTING TREELINE
	EXISTING TREE/BUSH
	EXISTING MARSH

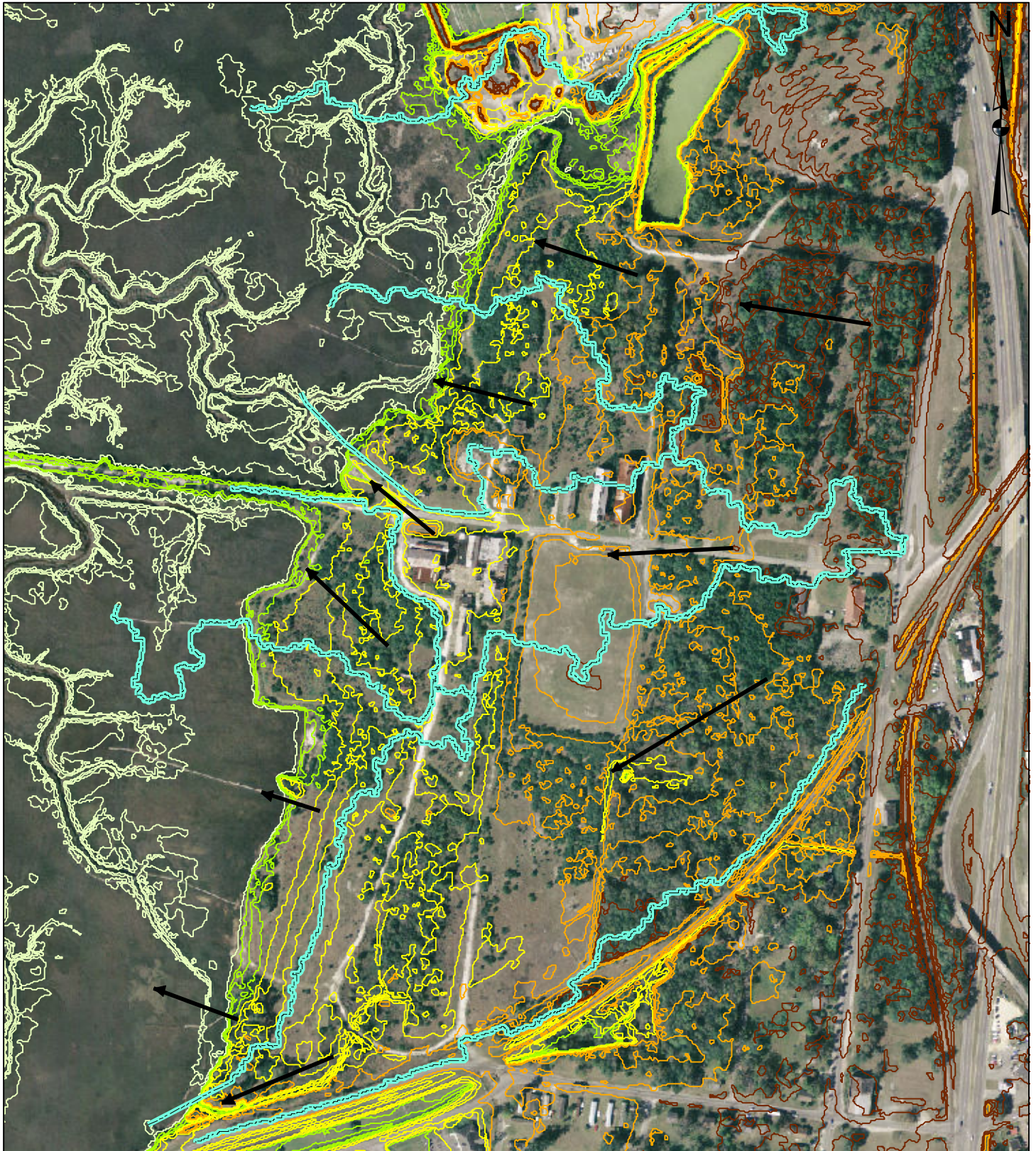
NOTES:
 1. TOPOGRAPHIC MAP WAS PREPARED BY ROSSER LOWE OF ATLANTA, GEORGIA BASED ON AERIAL SURVEY PERFORMED ON 17 FEBRUARY 1997.
 2. GRID CORRESPONDS TO SITE COORDINATE SYSTEM.



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 info@envplanning.com

FIGURE 4-1a
UPLAND DRAINAGE FEATURES

LiDAR Topography

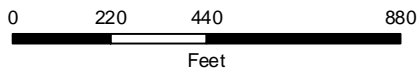
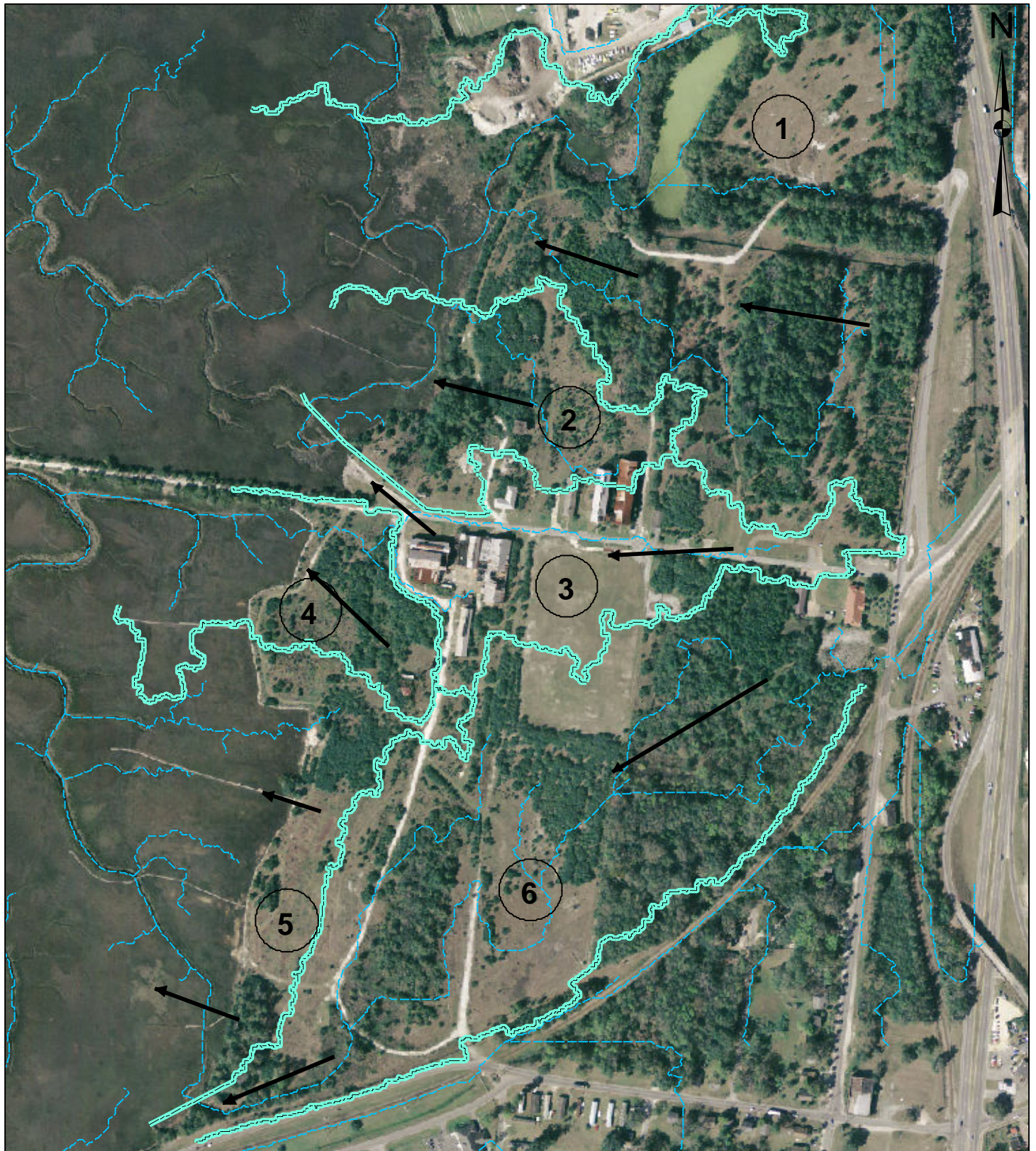


0 220 440 880
Feet

LiDAR Contours Runoff Direction
ELEVATION Surface Water Runoff Divide

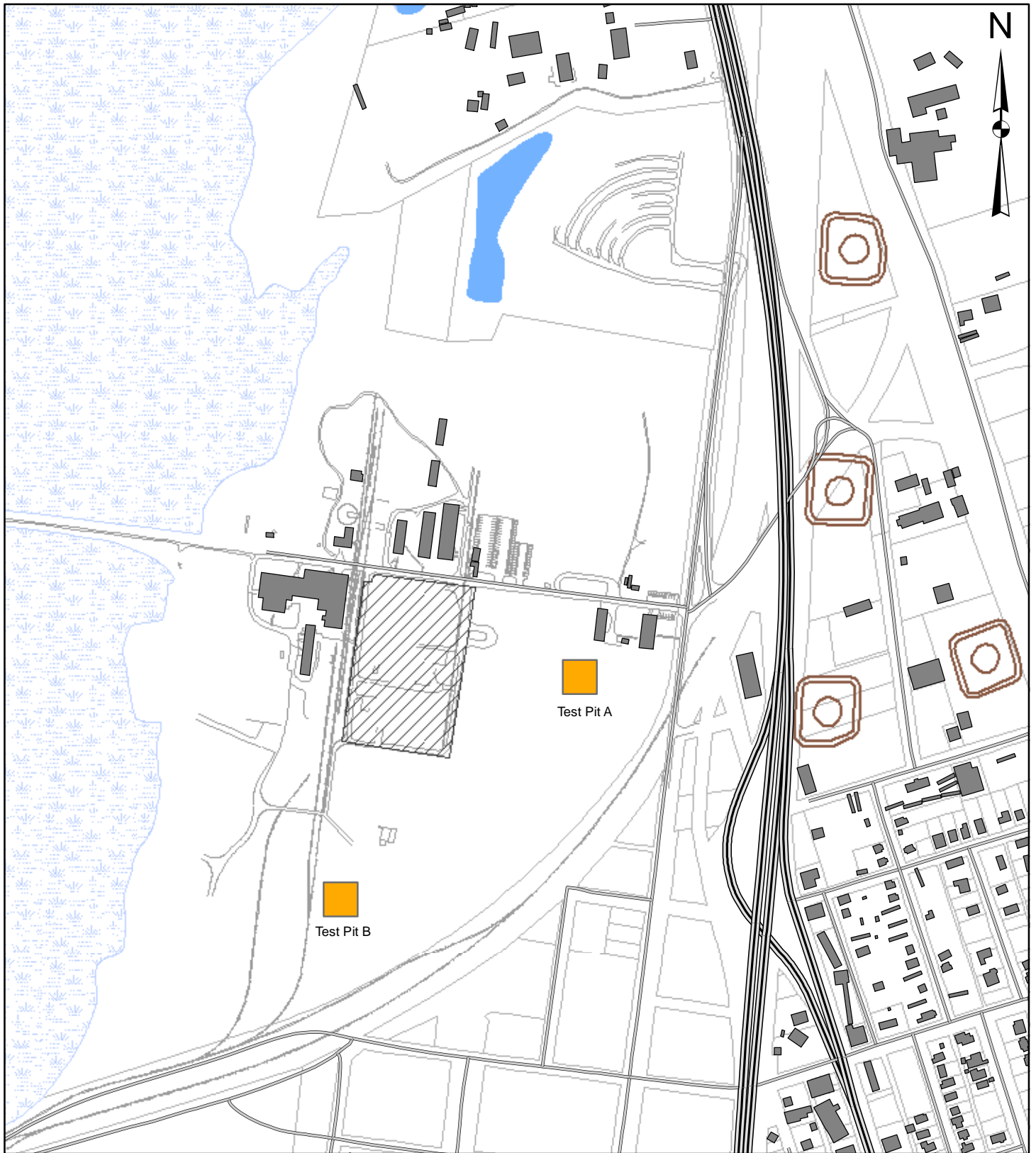
- 1 - 3
- 4 - 6
- 7 - 9
- 10 - 12
- 13 - 15

Drainage Basins and Surface Water Runoff Direction



- ➔ Run off Direction
- Surface Water Runoff Divide
- - - Drainage Line
- ① Drainage Basin

Phase I RI - Test Pits



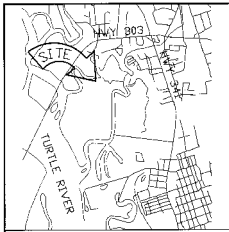
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Feet

Test Pit Excavation Area

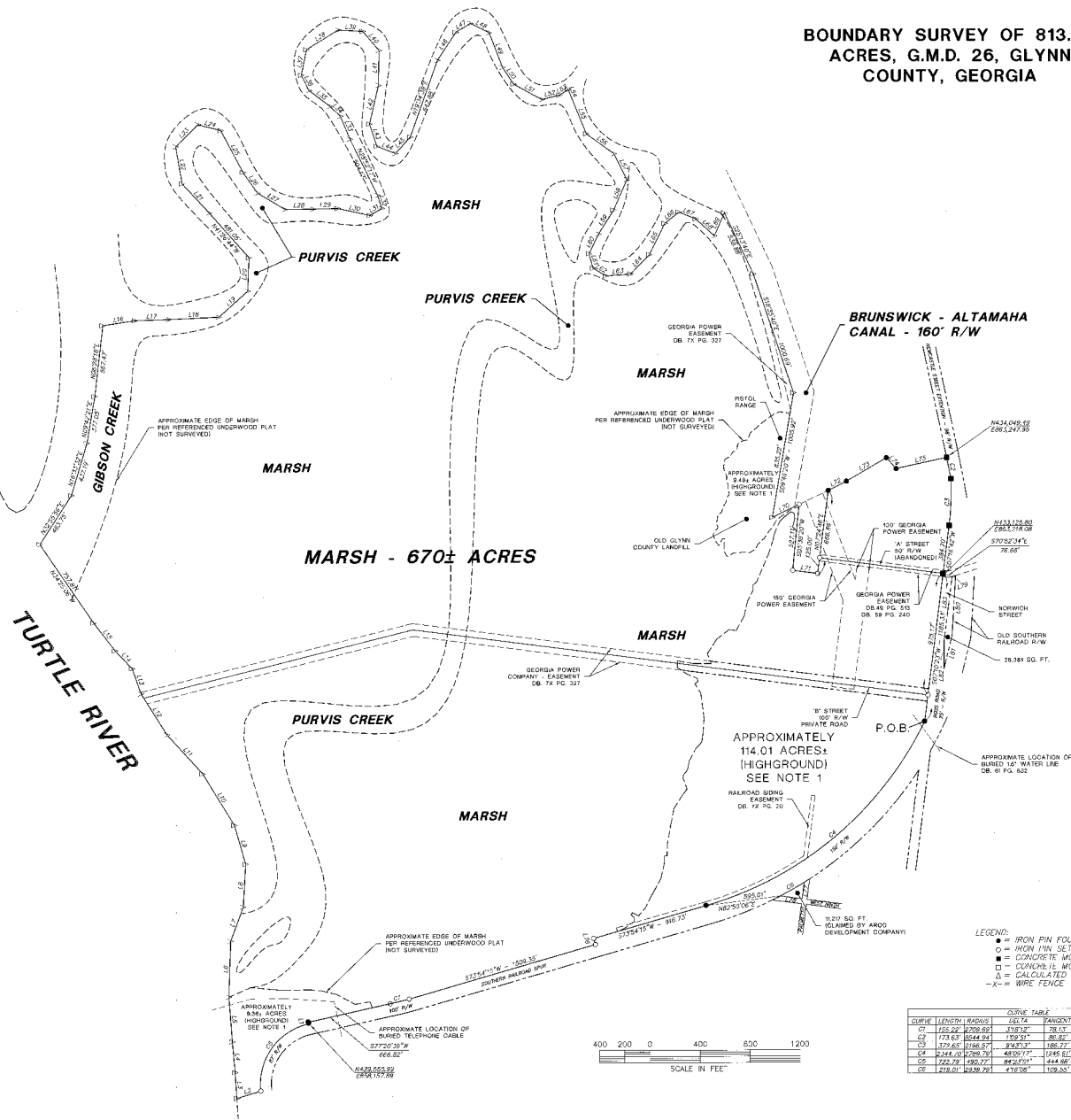
- Site Features**
- Former Off-site Storage Tanks
 - Former Cell Building Soil Cap
 - Existing Buildings

Property Boundary Survey

BOUNDARY SURVEY OF 813.30 ACRES, G.M.D. 26, GLYNN COUNTY, GEORGIA



VICINITY MAP



LINE TABLE

LINE	LENGTH	BEARING
L1	12.82	S13°54'52"E
L2	252.93	S75°00'00"W
L3	256.39	N63°32'00"E
L4	243.23	N78°15'00"E
L5	588.48	N41°12'00"E
L6	444.82	N07°52'00"E
L7	280.95	N65°25'00"E
L8	141.81	N57°18'00"E
L9	323.95	N06°50'00"E
L10	482.27	N41°50'00"W
L11	476.69	N62°50'00"W
L12	386.87	S25°42'00"W
L13	213.08	N18°52'00"W
L14	187.05	N23°59'00"E
L15	261.88	N37°28'00"W
L16	252.10	N61°19'00"E
L17	269.89	N88°15'00"E
L18	363.83	N83°25'00"E
L19	370.01	N47°38'00"E
L20	365.17	N66°21'00"E
L21	316.03	N84°15'00"W
L22	303.44	N09°52'00"W
L23	248.88	N45°00'00"E
L24	188.48	S25°27'00"E
L25	180.43	S71°50'00"E
L26	322.43	S24°16'00"E
L27	227.27	S29°00'00"E
L28	227.27	N68°28'00"E
L29	190.34	N89°52'00"E
L30	242.90	S77°12'00"E
L31	107.30	N88°34'00"E
L32	108.38	N73°13'00"E
L33	189.93	N22°53'00"E
L34	133.18	N86°00'00"E
L35	211.23	N50°24'00"W
L36	134.74	N28°12'00"E
L37	207.66	N15°20'00"E
L38	396.00	N37°15'00"E
L39	187.74	N57°54'00"E
L40	200.30	S40°12'00"E
L41	276.89	S01°18'00"E
L42	376.70	S13°55'00"W
L43	188.82	S28°17'00"E
L44	157.77	S68°10'00"E
L45	176.77	N42°17'00"E
L46	207.66	N51°19'00"E
L47	136.30	S58°20'00"E
L48	161.44	N61°19'00"E
L49	298.50	S20°56'00"E
L50	177.26	S32°29'00"E
L51	256.50	S01°18'00"E
L52	147.66	S79°15'00"E
L53	87.55	S28°28'00"E
L54	511.44	S23°19'00"E
L55	271.32	S51°16'00"E
L56	243.06	S26°29'00"E
L57	258.42	S12°46'00"E
L58	224.89	N37°10'00"W
L59	175.51	S20°24'00"W
L60	178.96	S15°20'00"E
L61	178.96	S15°20'00"E
L62	121.29	S65°03'00"E
L63	184.21	N85°44'00"E
L64	214.36	N42°21'00"E
L65	278.31	S25°19'00"E
L66	144.27	S01°18'00"E
L67	187.90	N68°28'00"E
L68	182.90	S47°28'00"E
L69	200.00	N37°15'00"E
L70	236.84	N04°12'00"E
L71	70.00	S43°40'00"E
L72	162.16	N81°31'00"E
L73	368.89	S08°10'00"E
L74	172.74	N42°24'00"E
L75	412.23	N77°18'00"E
L76	30.00	S18°20'00"E
L77	131.50	S07°30'00"W
L78	123.00	N62°30'00"E
L79	28.84	N22°46'00"E
L80	272.23	S03°28'00"W
L81	372.63	S18°34'00"E
L82	240.73	N03°15'00"E
L83	219.27	N83°15'00"E
L84	219.27	N83°15'00"E

CURVE TABLE

CURVE	LENGTH	RADIUS	CHORD	TANGENT	CHORD	CHORD BEARING
C1	155.02	1000.00	318.72	28.17	166.80	S26°35'26"W
C2	178.83	1044.54	129.71	86.89	173.62	S11°21'27"E
C3	372.63	1186.37	624.71	108.21	372.63	S00°50'15"W
C4	244.10	1076.70	493.97	124.81	228.16	S00°00'00"W
C5	122.72	1592.77	195.01	144.86	438.97	N53°24'29"E
C6	218.01	1938.75	476.06	109.28	278.04	N60°47'31"E

LEGEND:
 ● = IRON PIN FOUND
 ○ = IRON PIN SET
 ■ = CONCRETE MONUMENT FOUND
 □ = CONCRETE MONUMENT SET
 ▲ = CALCULATED POINT
 -X- = WIRE FENCE

IN MY PROFESSIONAL OPINION THIS IS A CORRECT REPRESENTATION OF THE LAND PLAT AND HAS BEEN PREPARED IN COMPLIANCE WITH THE MINIMUM STANDARDS AND REQUIREMENTS OF GEORGIA LAW AND IS SUITABLE FOR RECORDING.

Henry J. Brinkley
 HENRY J. BRINKLEY
 GA. REG. L.S. NO. 2459

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 Fax: (912) 285-1888

BOUNDARY SURVEY OF 813.30 ACRES, G.M.D. 26, GLYNN COUNTY, GEORGIA

SURVEYED FOR: OMI - HONEYWELL PLANT

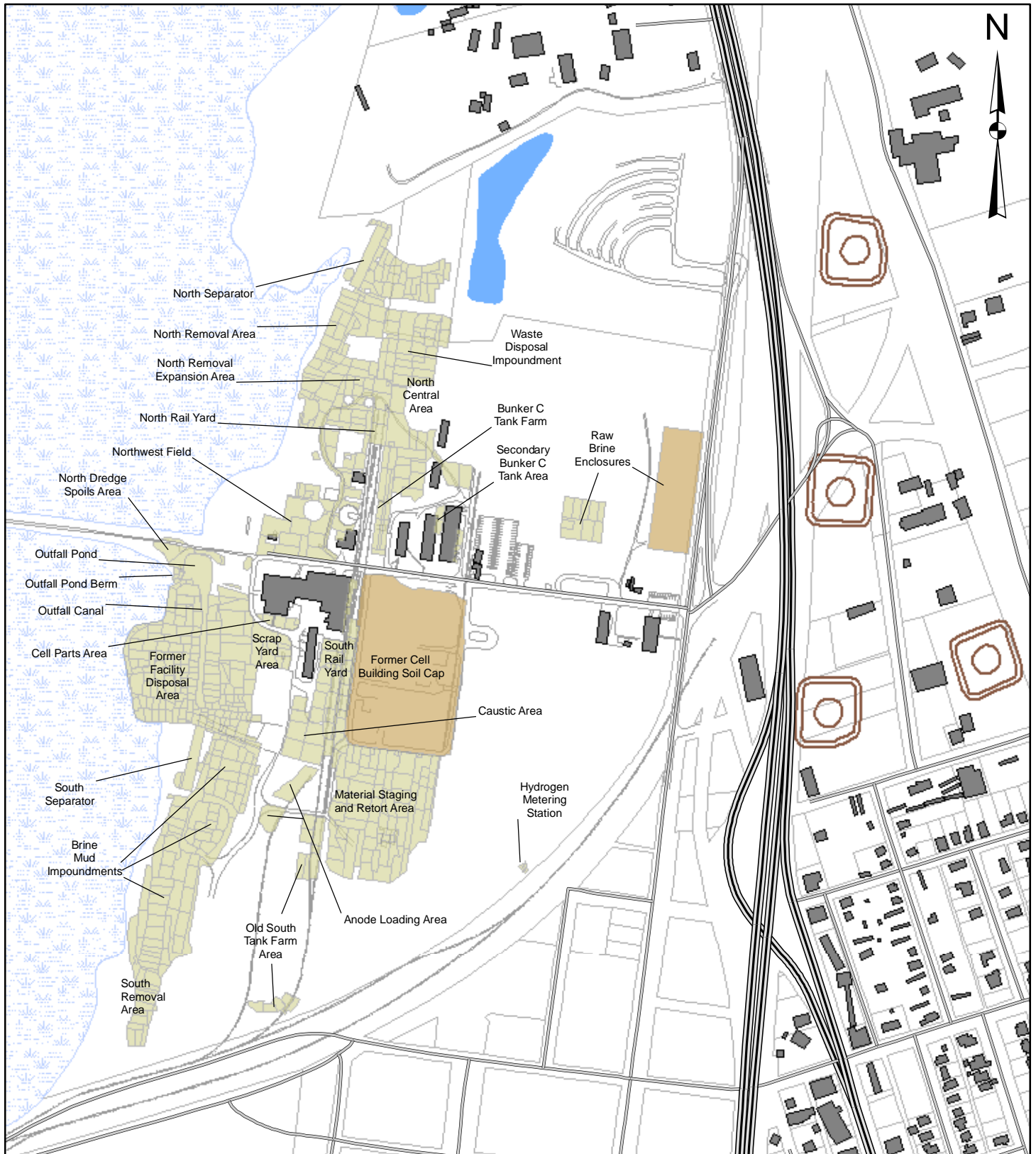
REVISIONS

No	BY	DATE
1	DWT	02-26-07
-	-	-
-	-	-
-	-	-
-	-	-

DESIGN: _____
 GRAPHICS: DWT
 REVIEW: HAS
 DATE: 01-24-07
 SCALE: 1" = 400'
 PROJECT: CB-009710
 SHEET: 1 OF 1

Figure 5-1

Upland Geographic (Source) Areas



Soil Removal and Soil Cap Locations

- Soil Cap
- Removal Area

Site Features



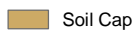




- Marsh
- Surface Water
- Existing Buildings
- Former Off-site Tank Farm

Upland Removal Action Extent



0 400 800
Feet

Soil Removal Depth (ft) and Soil Cap Locations

 0 - 2	 6 - 8	 Soil Cap
 2 - 4	 8 - 10	
 4 - 6	 10 - 13	

Site Features


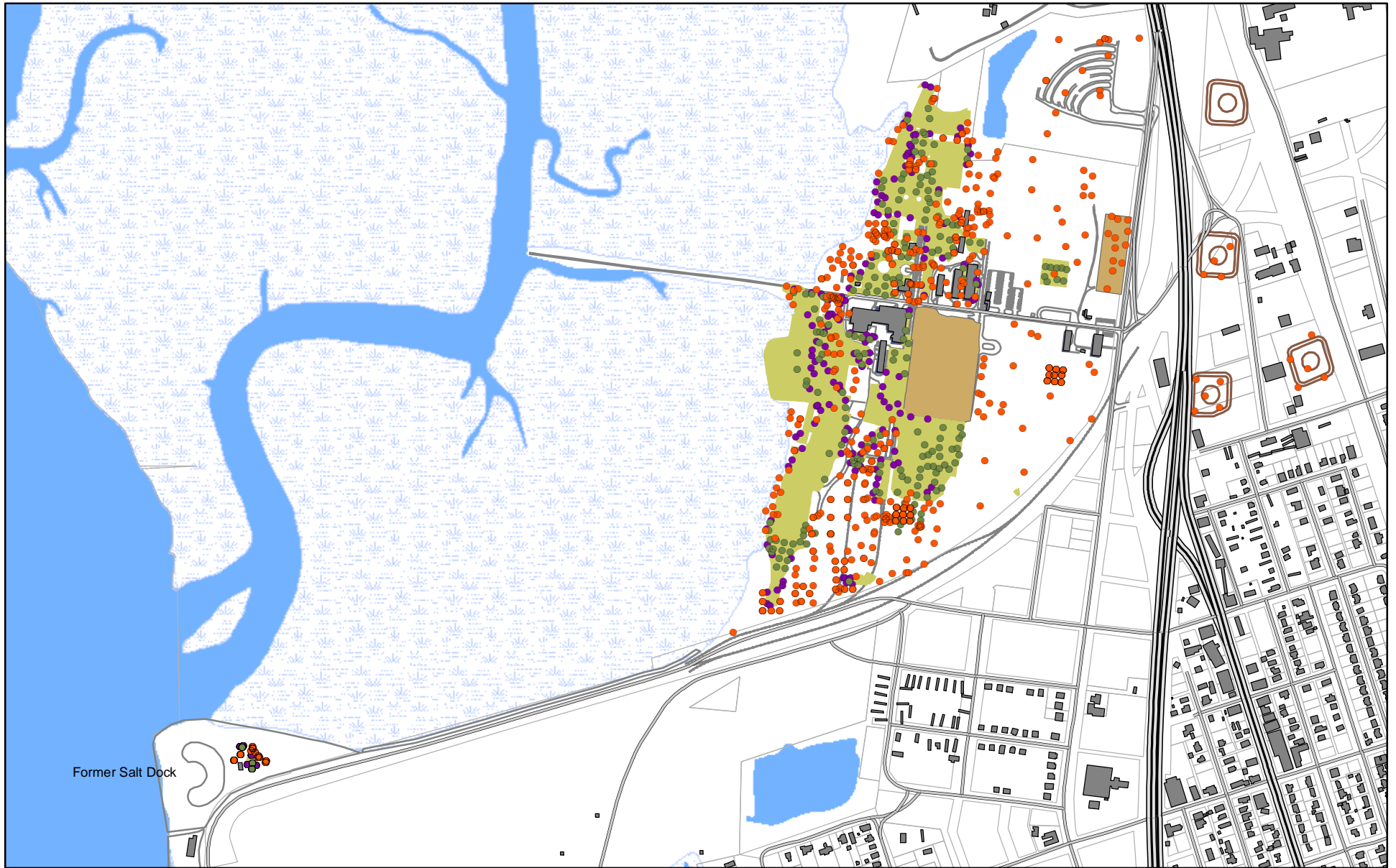
 Marsh	 Existing Buildings
 Surface Water	 Former Off-site Tank Farm

Figure 5-3

Removal Action Investigations - Surface Soil (<2 ft bgs)



Legend

- Removal Characterization
- Post Excavation Bottom Sample
- Post Excavation Sidewall Sample
- Soil Cap
- Excavation Area (<2 ft bgs)

Site Features

- Marsh
- Surface Water
- Existing Buildings
- Former Off-site Tank Farm

Figure 5-4

Removal Action Investigations - Subsurface Soil (>2 ft bgs)



Legend

- Removal Characterization
- Post Excavation Bottom Sample
- Post Excavation Sidewall Sample
- Soil Cap
- Excavation Area (>2 ft bgs)

Site Features

- Marsh
- Surface Water
- Existing Buildings
- Former Off-site Tank Farm

Figure 5-5

Remedial Investigations – Surface Soil (< 2 ft bgs)



Legend

- Phase I RI (1995)
- Arco Community (1995, 2004)
- Phase II RI (1996)
- PCB Confirmational Sampling (2008)
- Supplemental BERA (2008)
- Soil Leachability Study (2009)
- Former Drive-in-Theatre (2010)

- Soil Cap
- Excavation Area (<2 ft bgs)

Site Features

- Marsh
- Surface Water
- Existing Buildings
- Former Off-site Tank Farm

Figure 5-6

Remedial Investigations – Subsurface Soil (> 2 ft bgs)



0 400 800
Feet

Legend

- Phase I RI (1995)
- Arco Community (1995, 2004)
- Phase II RI (1996)
- PCB Confirmational Sampling (2008)
- Supplemental BERA (2008)
- Soil Leachability Study (2009)
- Former Drive-in-Theatre (2010)

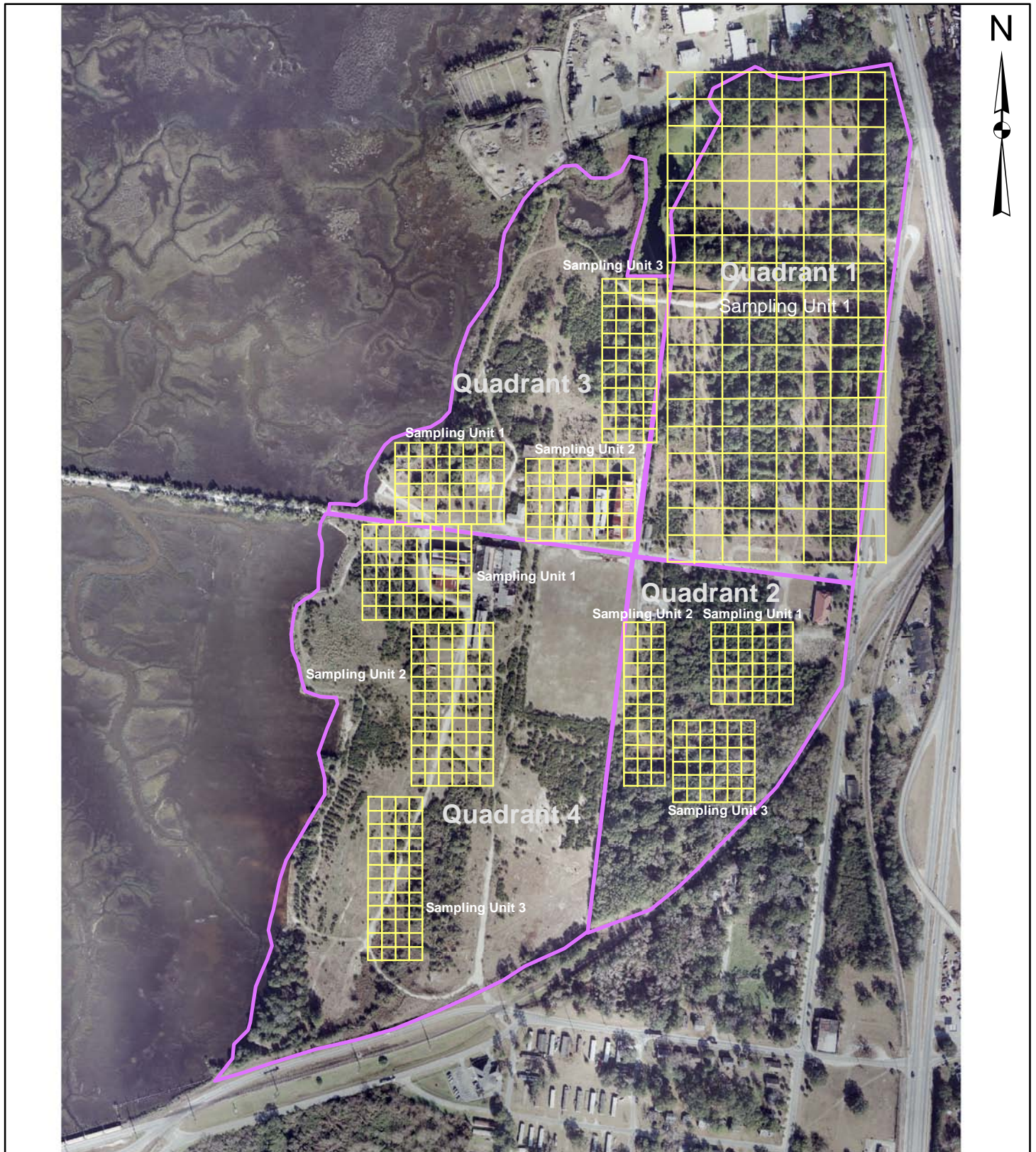
- Soil Cap
- Excavation Area (>2 ft bgs)

Site Features

- Marsh
- Surface Water
- Existing Buildings
- Former Off-site Tank Farm

Figure 5-7

LCP Site Showing Quadrants and ISM Sampling Units

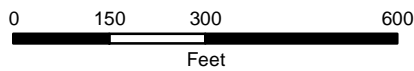
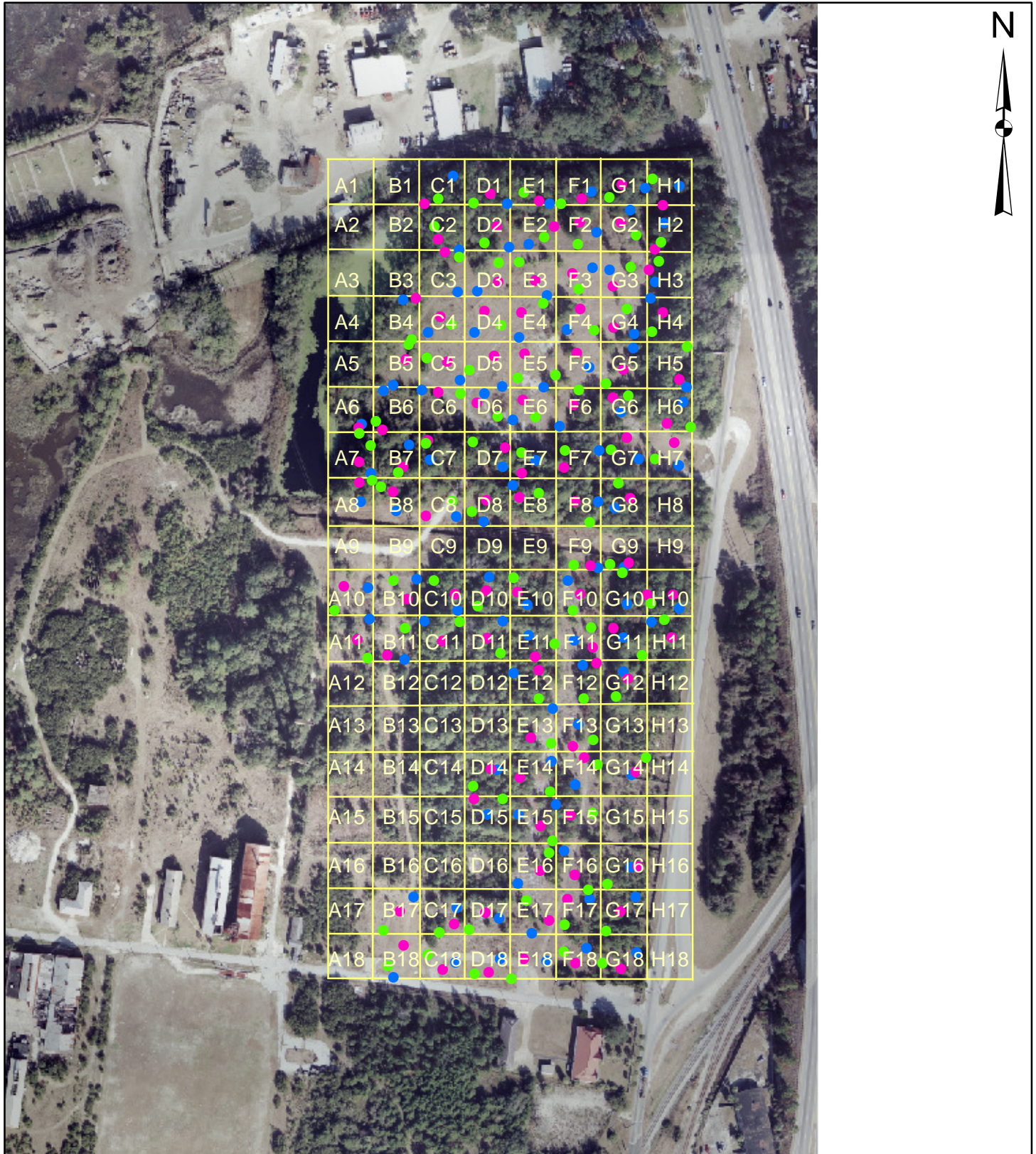


0 250 500 1,000
Feet

Legend

 Quadrant Outline

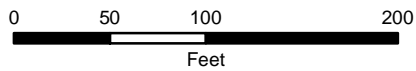
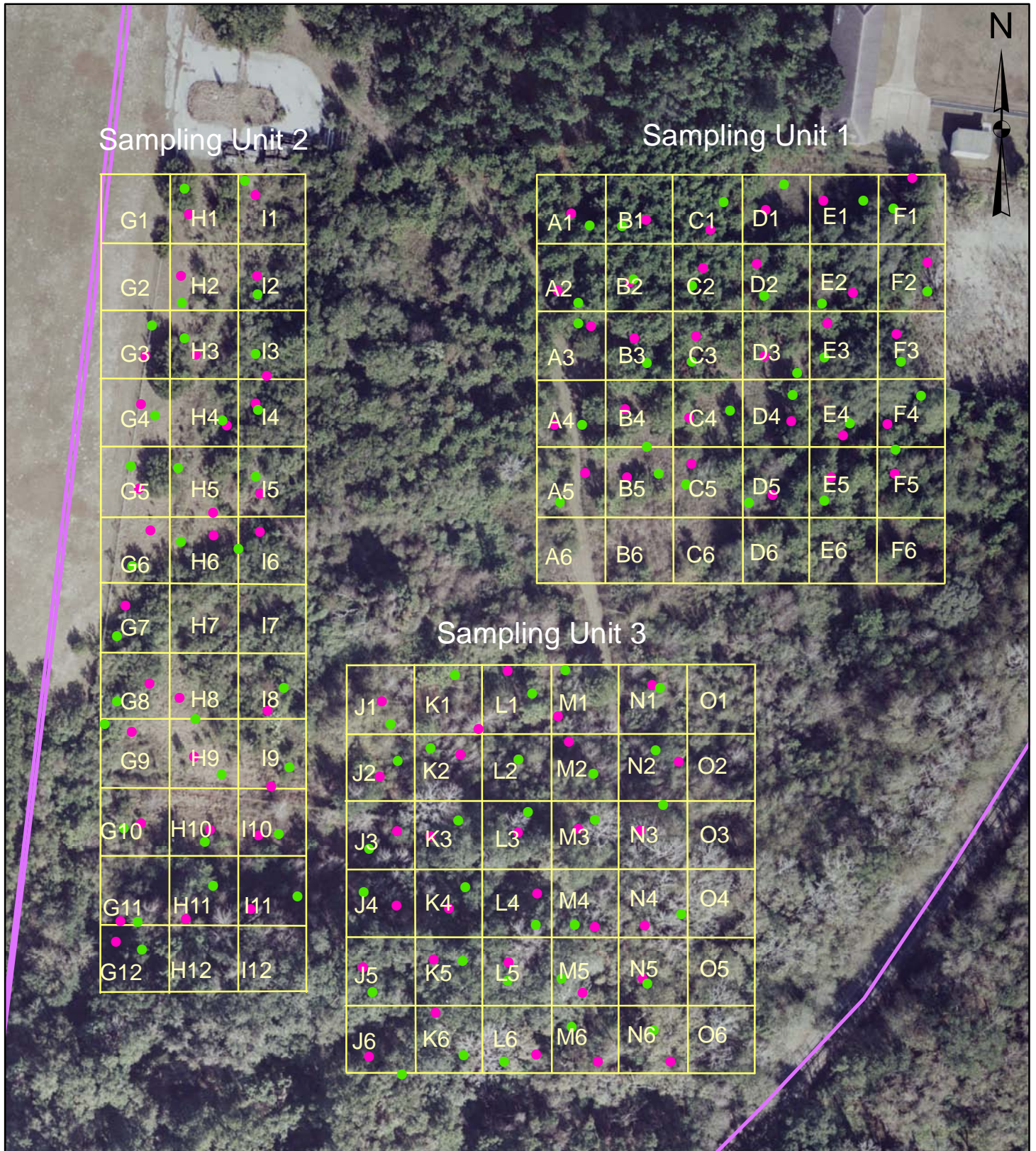
ISM Sample Locations – Quadrant 1



Legend

- Sample Location R1
- Sample Location R2
- Sample Location R3
- Quadrant Outline

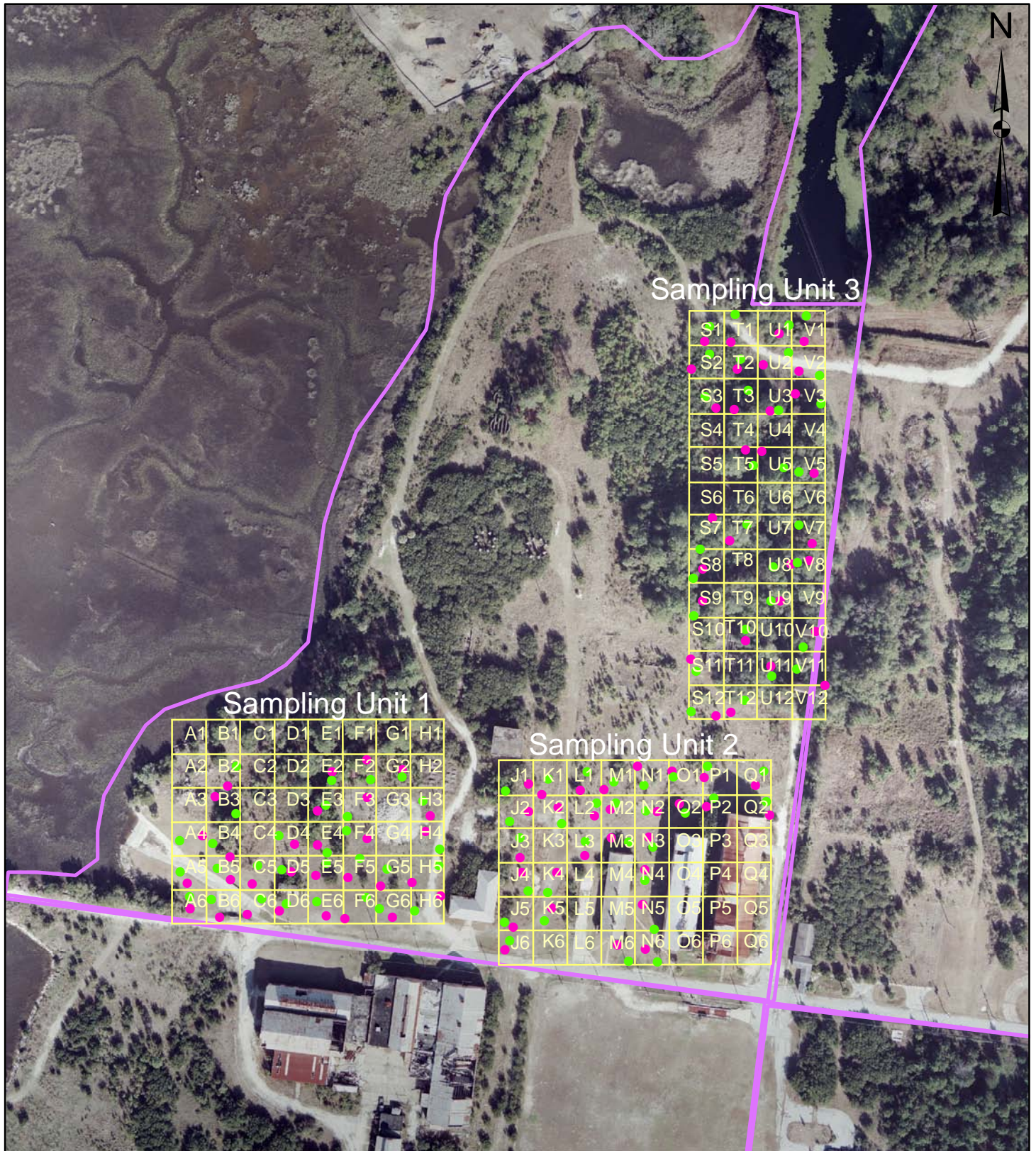
ISM Sample Locations – Quadrant 2



Legend

- Sample Location R1
- Sample Location R2
- Quadrant Outline

ISM Sample Locations – Quadrant 3



Sampling Unit 1

A1	B1	C1	D1	E1	F1	G1	H1
A2	B2	C2	D2	E2	F2	G2	H2
A3	B3	C3	D3	E3	F3	G3	H3
A4	B4	C4	D4	E4	F4	G4	H4
A5	B5	C5	D5	E5	F5	G5	H5
A6	B6	C6	D6	E6	F6	G6	H6

Sampling Unit 2

J1	K1	L1	M1	N1	O1	P1	Q1
J2	K2	L2	M2	N2	O2	P2	Q2
J3	K3	L3	M3	N3	O3	P3	Q3
J4	K4	L4	M4	N4	O4	P4	Q4
J5	K5	L5	M5	N5	O5	P5	Q5
J6	K6	L6	M6	N6	O6	P6	Q6

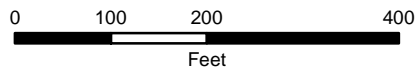
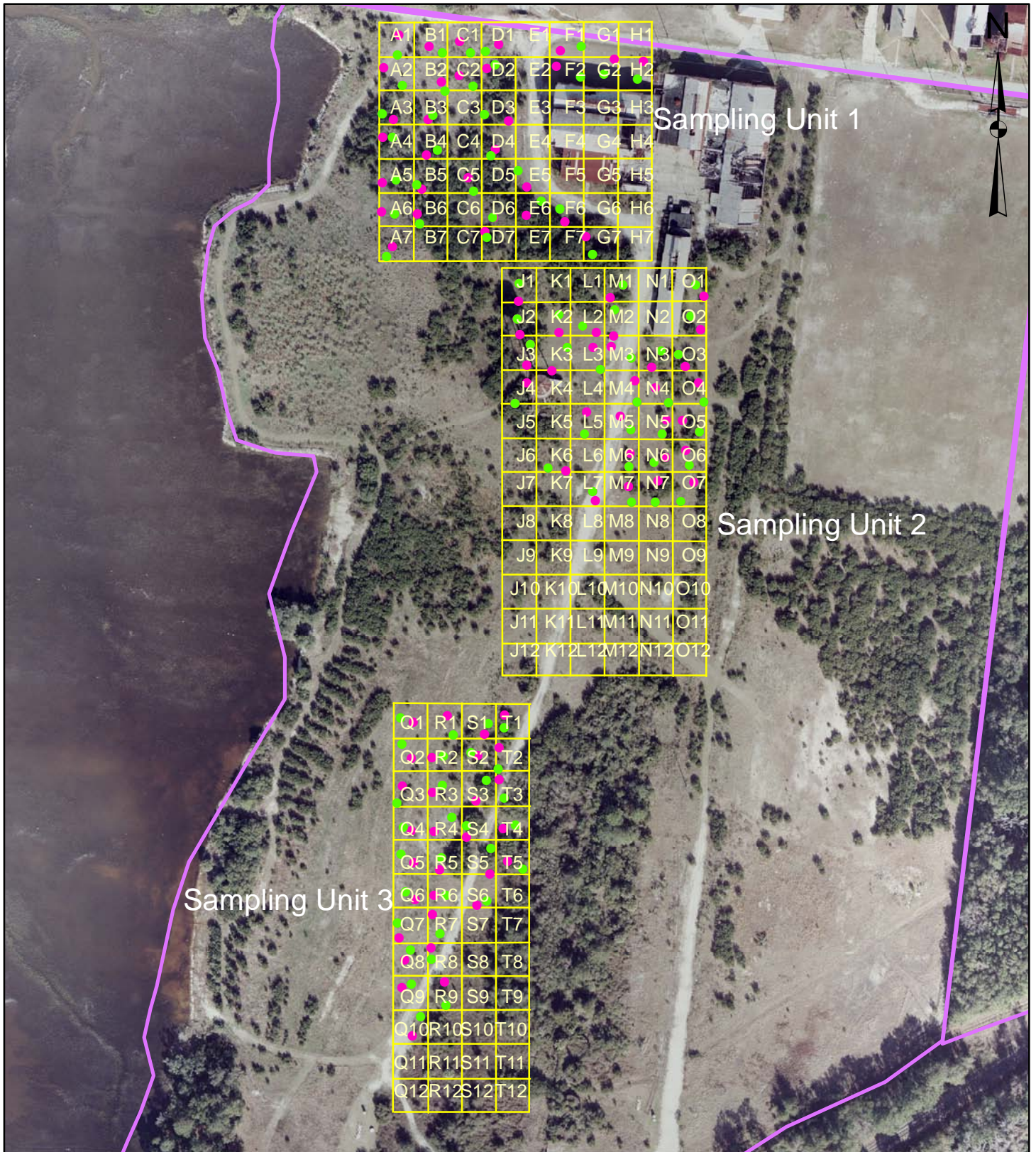
Sampling Unit 3

S1	T1	U1	V1
S2	T2	U2	V2
S3	T3	U3	V3
S4	T4	U4	V4
S5	T5	U5	V5
S6	T6	U6	V6
S7	T7	U7	V7
S8	T8	U8	V8
S9	T9	U9	V9
S10	T10	U10	V10
S11	T11	U11	V11
S12	T12	U12	V12

Legend

- Sample Location R1
- Sample Location R2
- Quadrant Outline

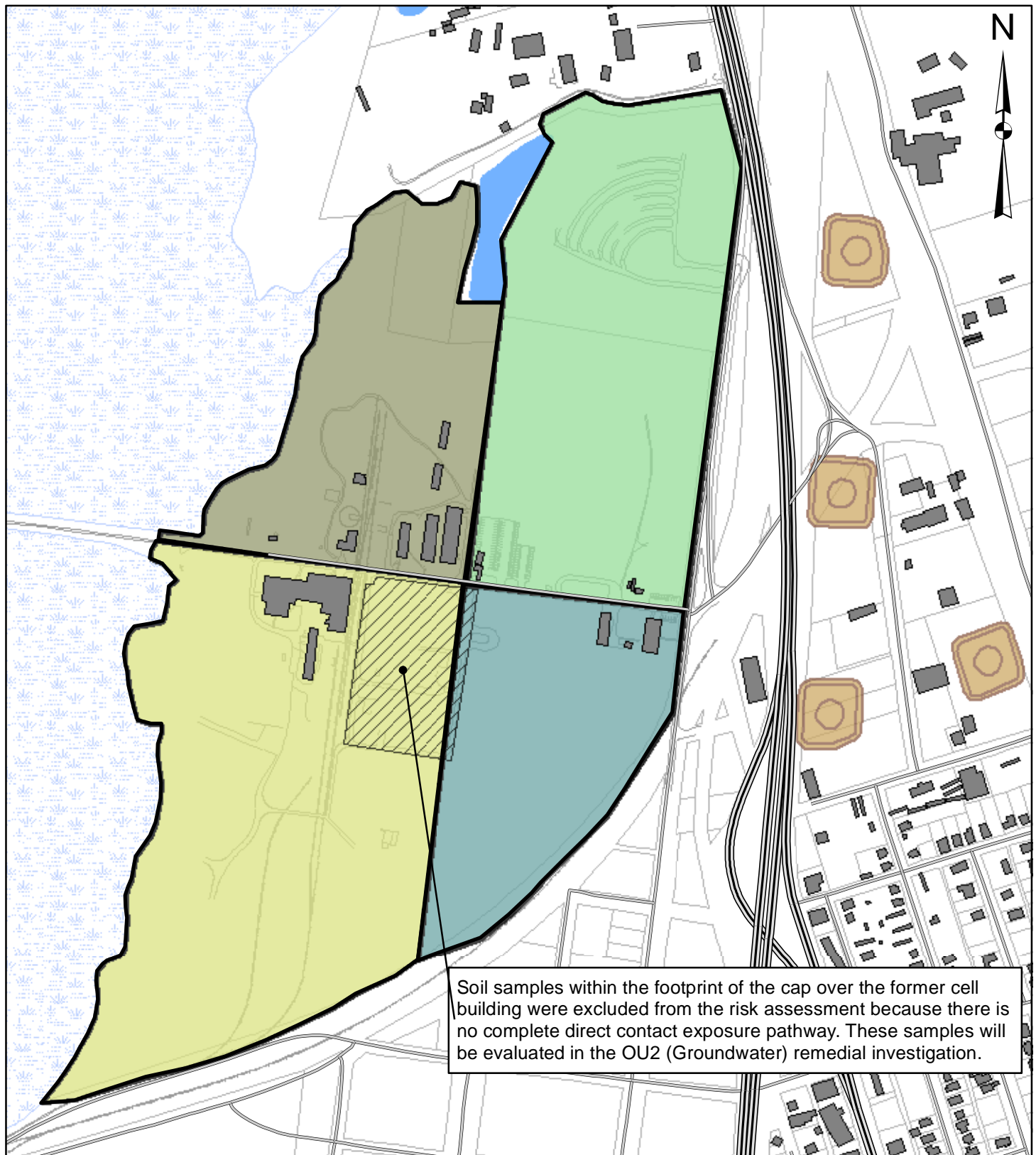
ISM Sample Locations – Quadrant 4



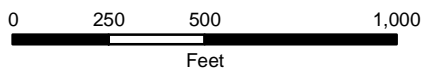
Legend

- Sample Location R1
- Sample Location R2
- Quadrant Outline

Exposure Units in the OU3 Human Health Baseline Risk Assessment



Soil samples within the footprint of the cap over the former cell building were excluded from the risk assessment because there is no complete direct contact exposure pathway. These samples will be evaluated in the OU2 (Groundwater) remedial investigation.



Exposure Units

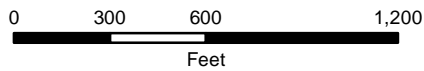
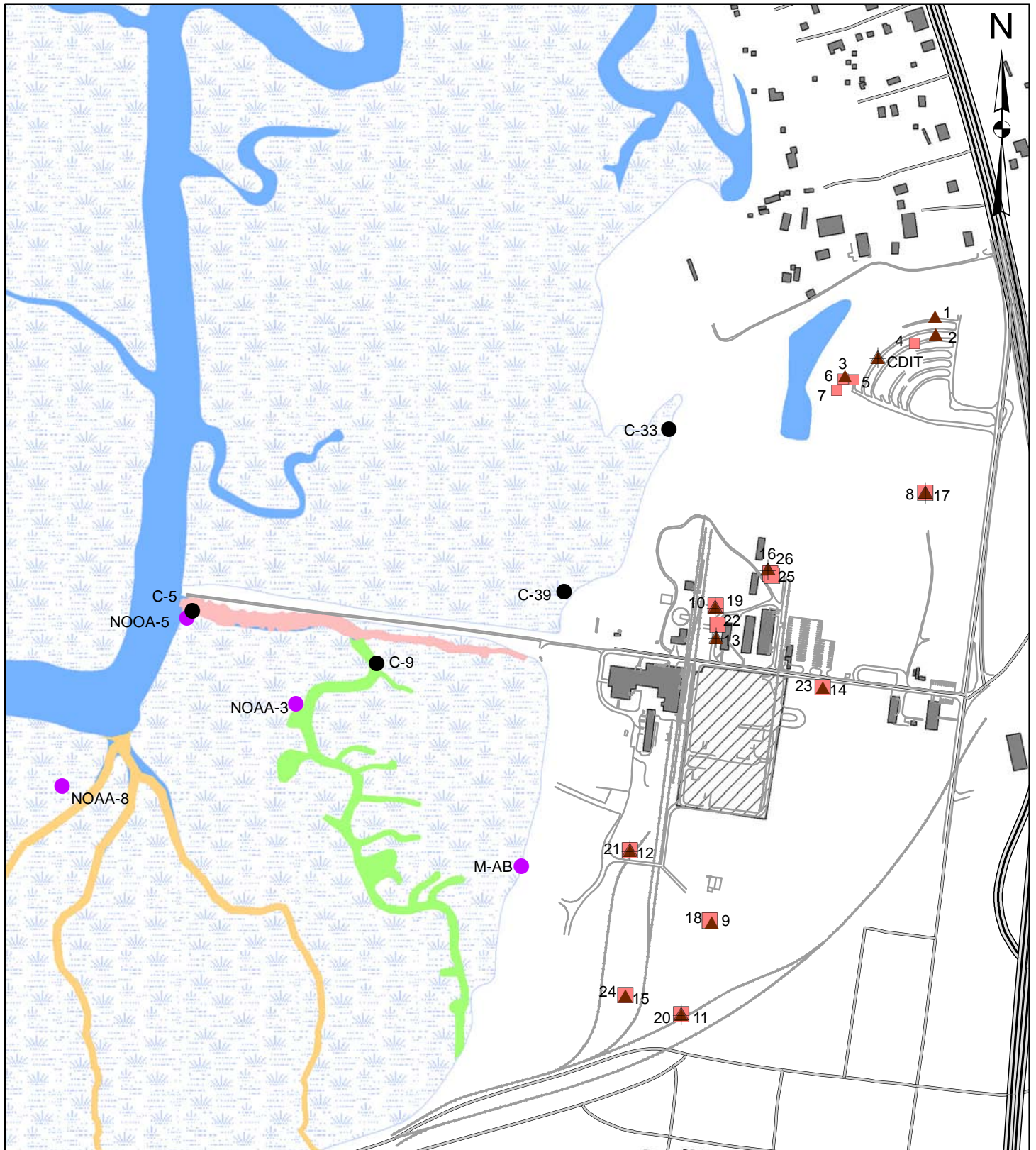
- Quadrant 1
- Quadrant 2
- Quadrant 3
- Quadrant 4

- Off-site Tank Farm

Site Features

- Former Cell Building Soil Cap
- Existing Buildings
- Marsh
- Surface Water

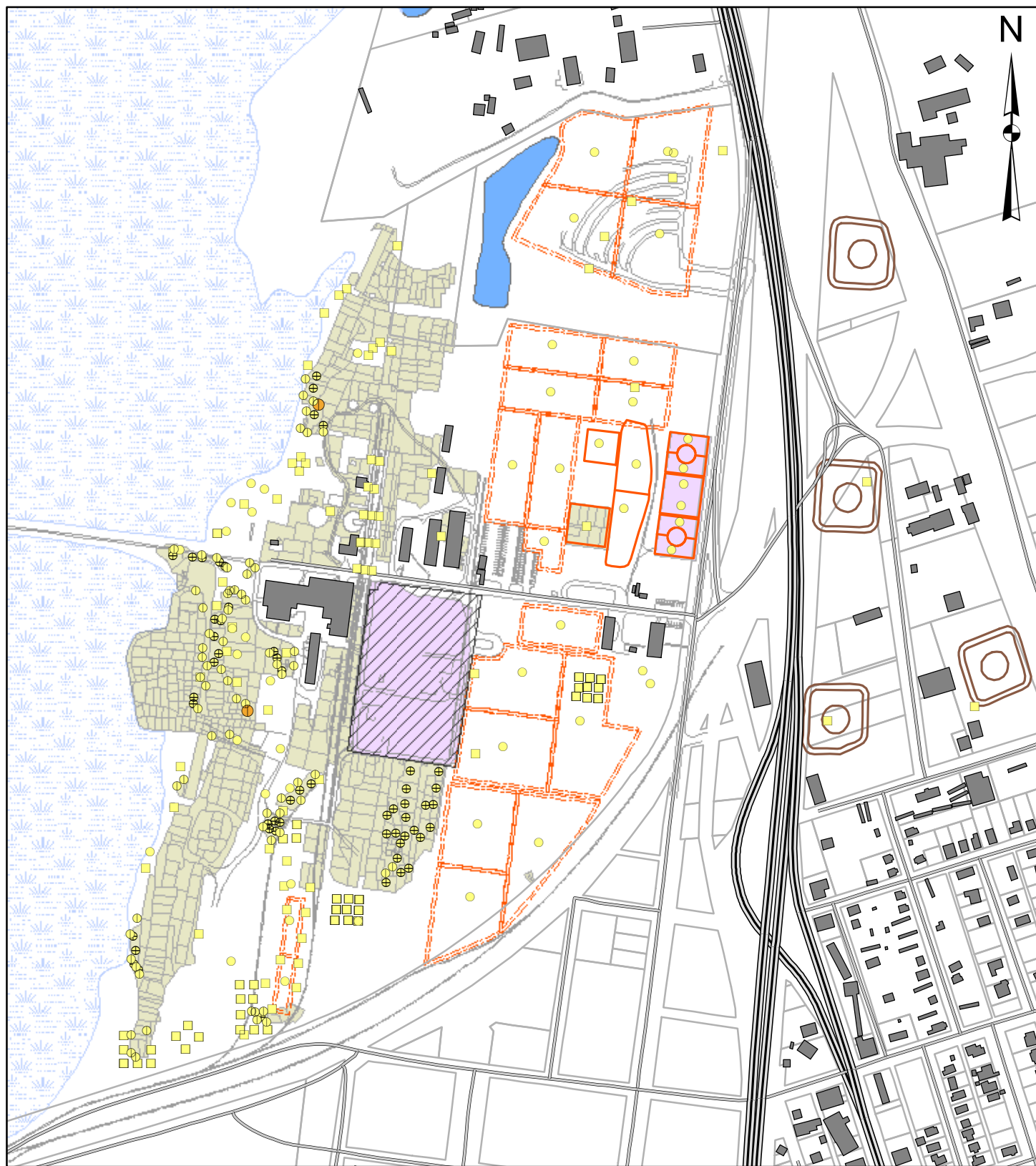
Sampling Locations for the OU3 Baseline Ecological Risk Assessment



Legend

- | | | |
|---|---|--|
| Main Canal | Sediment and Mummichogs | Marsh |
| Western Creek Complex | Sediment and Fiddler Crabs | Surface Water |
| Eastern Creek | Soil and Grass | Former Cell Building |
| | Soil and Insects | Existing Buildings |
| | Soil and Plants (Berries) | |

Spatial Distribution of 1,2,4-Trichlorobenzene (0 to 2 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

⊕ Composite: Post-Excavation Sidewall ○ Composite: Characterization
⊕ Composite: Post-Excavation Bottom □ Grab: Characterization

Concentration Color Scale (mg/kg)

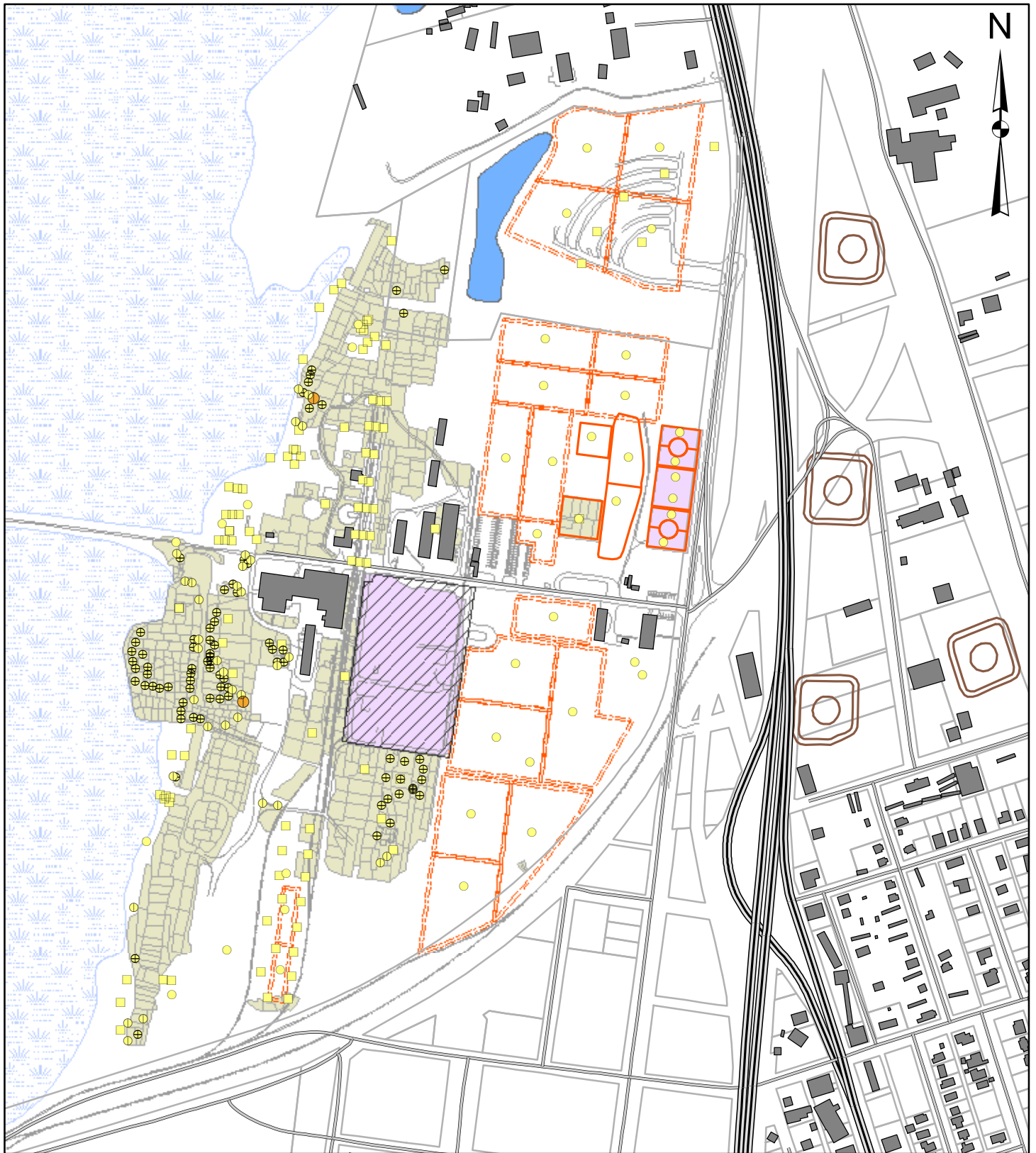
ND < 0.15 > 0.15

Site Features

Former Off-site Storage Tanks
Former Cell Building
Existing Buildings

Composite Area (Geosyntec) Composite Area (EPA/Weston)

Spatial Distribution of 1,2,4-Trichlorobenzene (2 to 4 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

Composite: Post-Excavation Sidewall Composite: Characterization
 Composite: Post-Excavation Bottom Grab: Characterization

Concentration Color Scale (mg/kg)

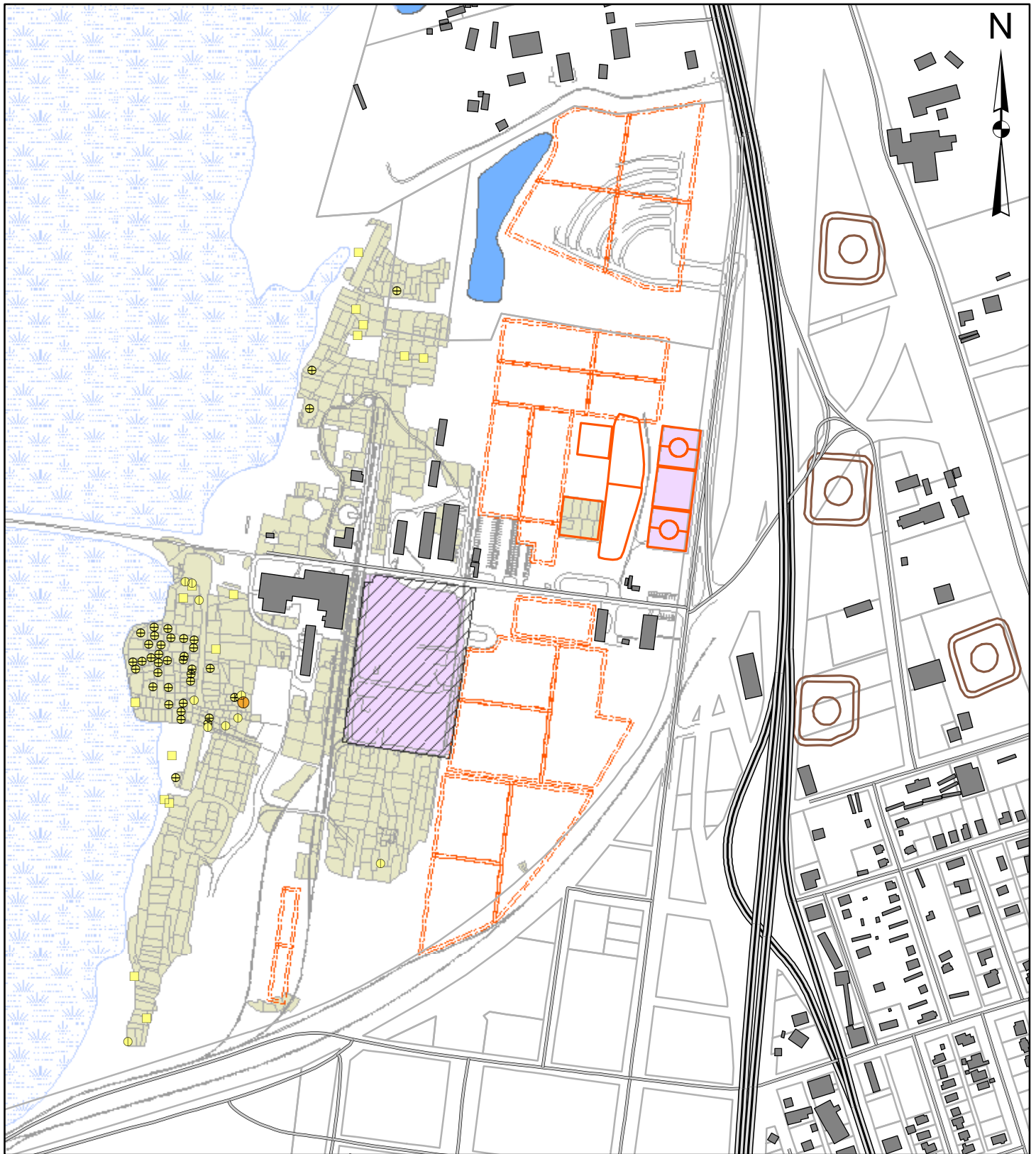
ND < 0.15 > 0.15

Site Features

Former Off-site Storage Tanks
 Former Cell Building
 Existing Buildings

Composite Area (Geosyntec) Composite Area (EPA/Weston)

Spatial Distribution of 1,2,4-Trichlorobenzene (4 to 6 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

⊕ Composite: Post-Excavation Sidewall ○ Composite: Characterization
⊕ Composite: Post-Excavation Bottom □ Grab: Characterization

Concentration Color Scale (mg/kg)

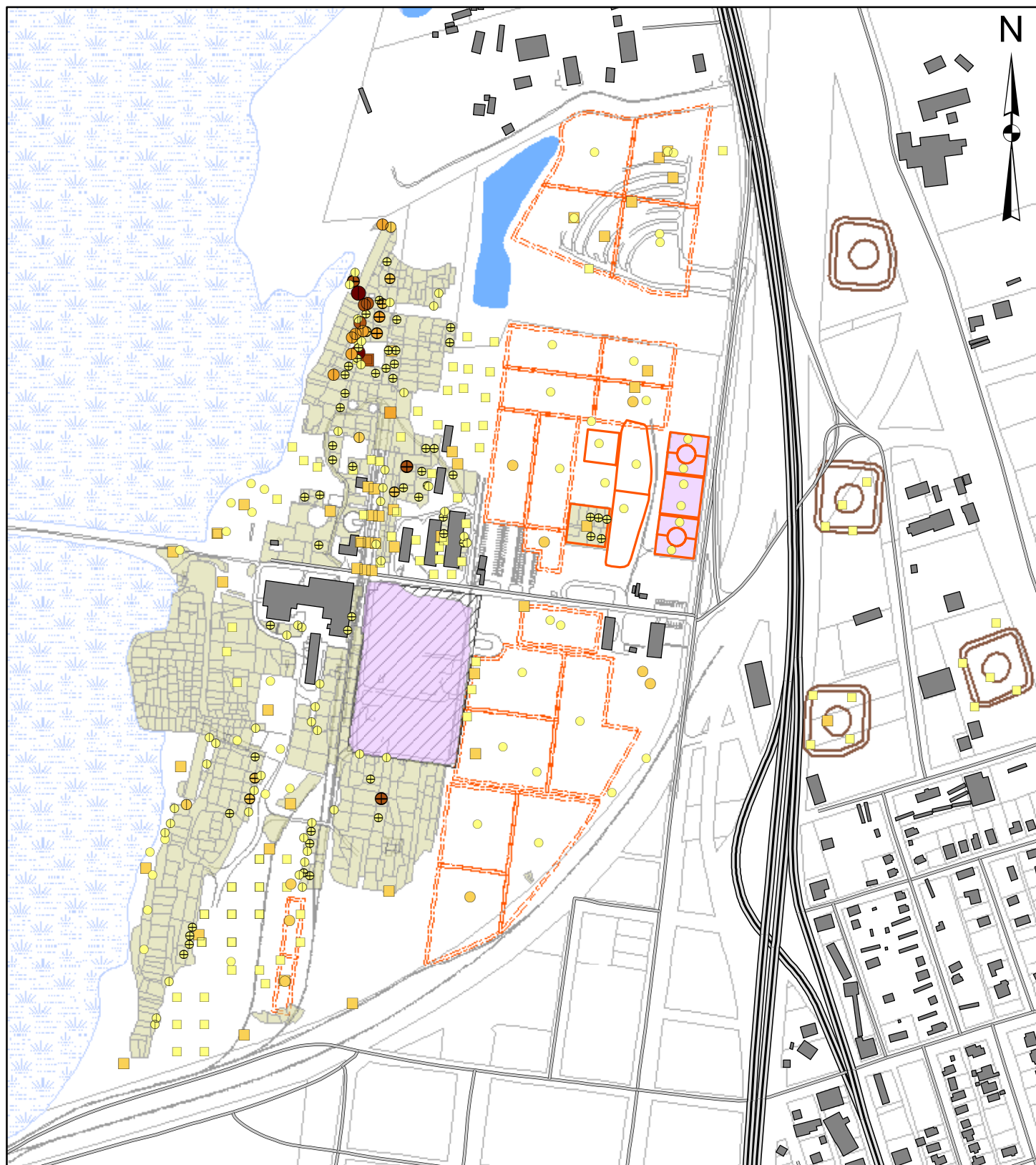
ND < 0.15 > 0.15

Site Features

Former Off-site Storage Tanks
Former Cell Building
Existing Buildings

Composite Area (Geosyntec) Composite Area (EPA/Weston)

Spatial Distribution of 2-Methylnaphthalene (0 to 2 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

⊕ Composite: Post-Excavation Sidewall ○ Composite: Characterization
⊕ Composite: Post-Excavation Bottom □ Grab: Characterization

Concentration Color Scale (mg/kg)

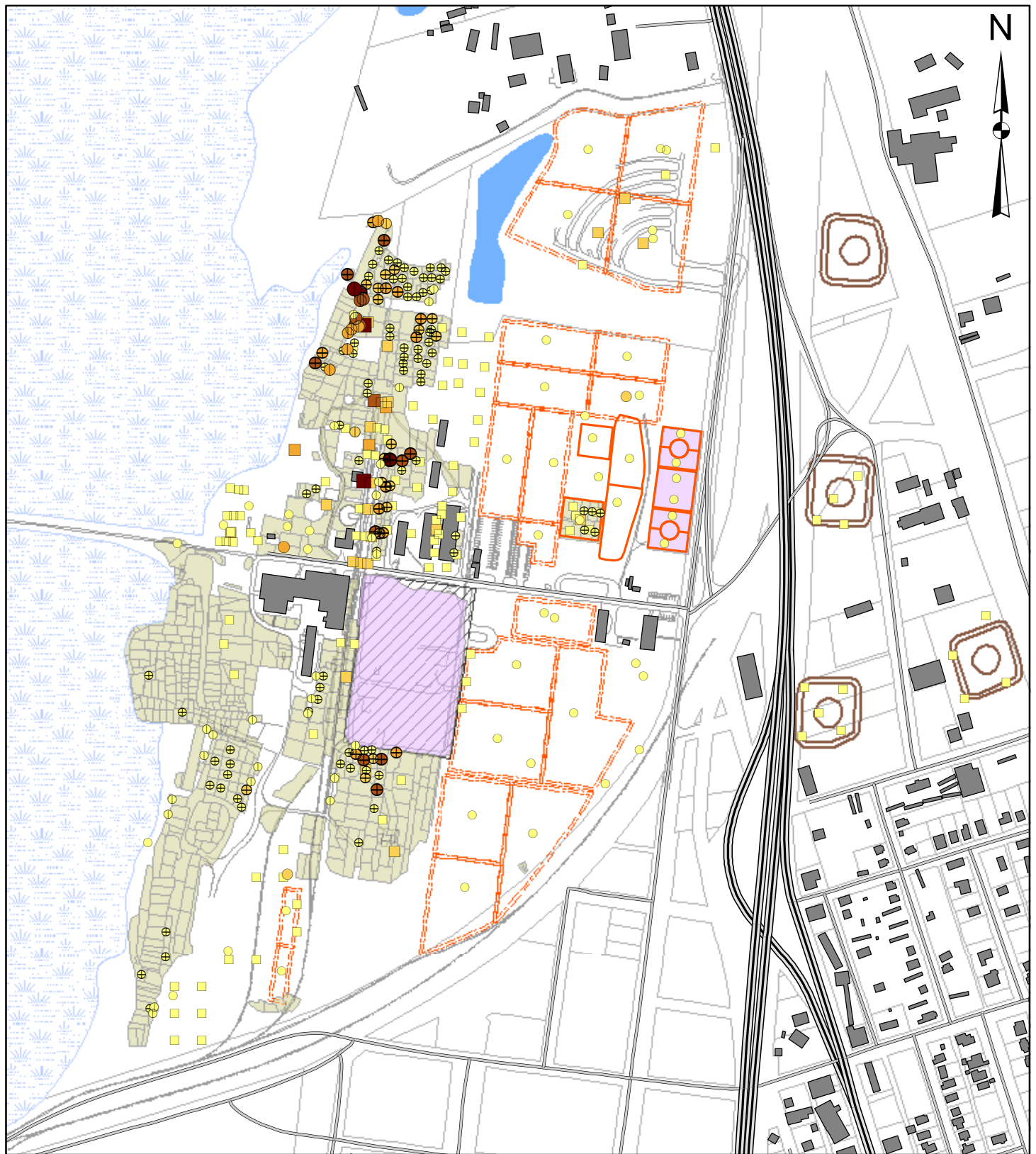
ND 2 - 10 > 30
< 2 10 - 30

Site Features

Former Off-site Storage Tanks
Former Cell Building
Existing Buildings

Composite Area (Geosyntec) Composite Area (EPA/Weston)

Spatial Distribution of 2-Methylnaphthalene (2 to 4 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

⊕ Composite: Post-Excavation Sidewall ○ Composite: Characterization
⊕ Composite: Post-Excavation Bottom □ Grab: Characterization

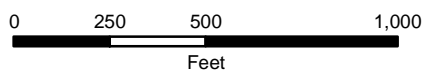
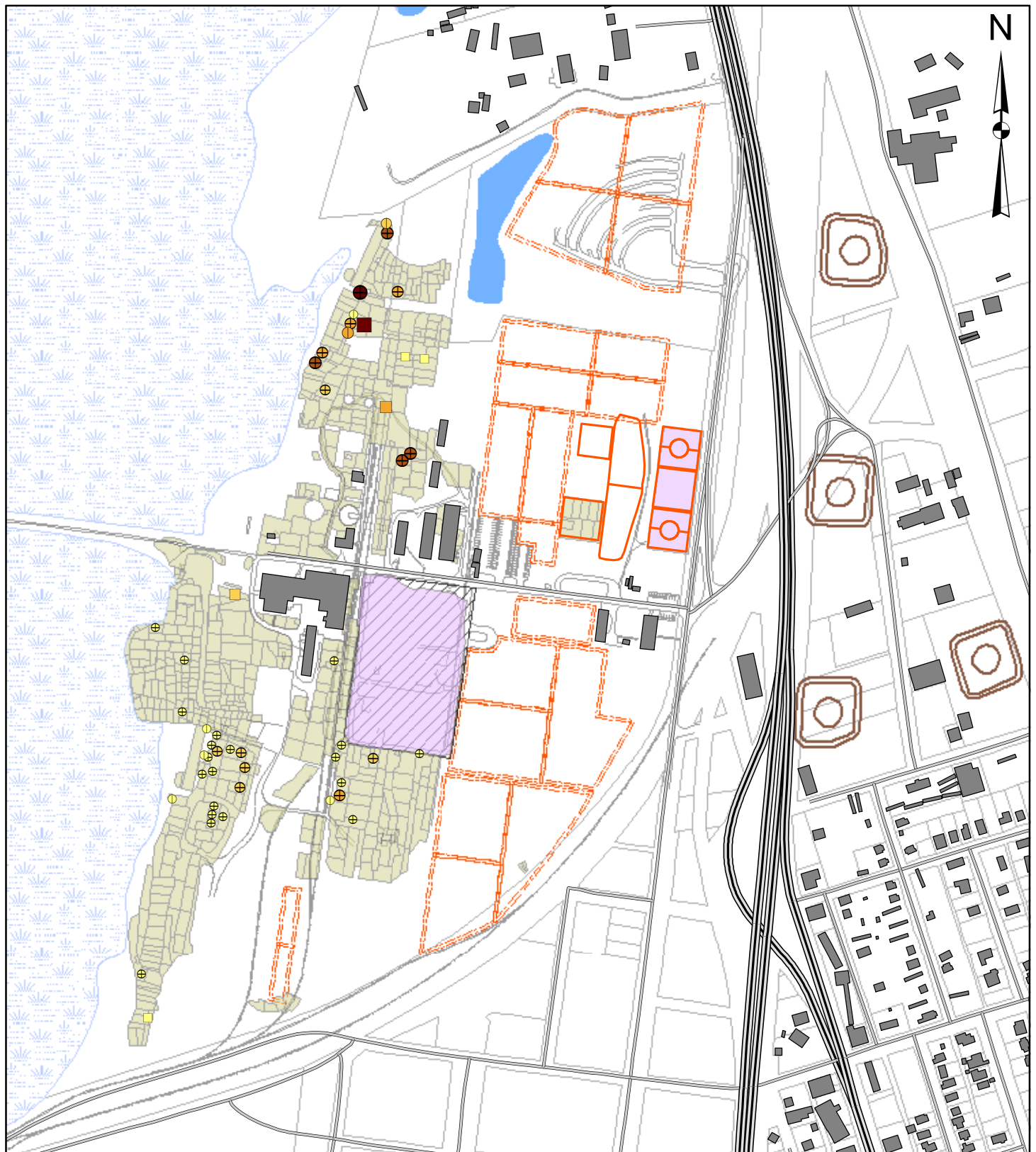
Concentration Color Scale (mg/kg)

ND 2 - 10 > 30
< 2 10 - 30

Site Features

Former Off-site Storage Tanks
Former Cell Building
Existing Buildings
Composite Area (Geosyntec)
Composite Area (EPA/Weston)

Spatial Distribution of 2-Methylnaphthalene (4 to 6 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

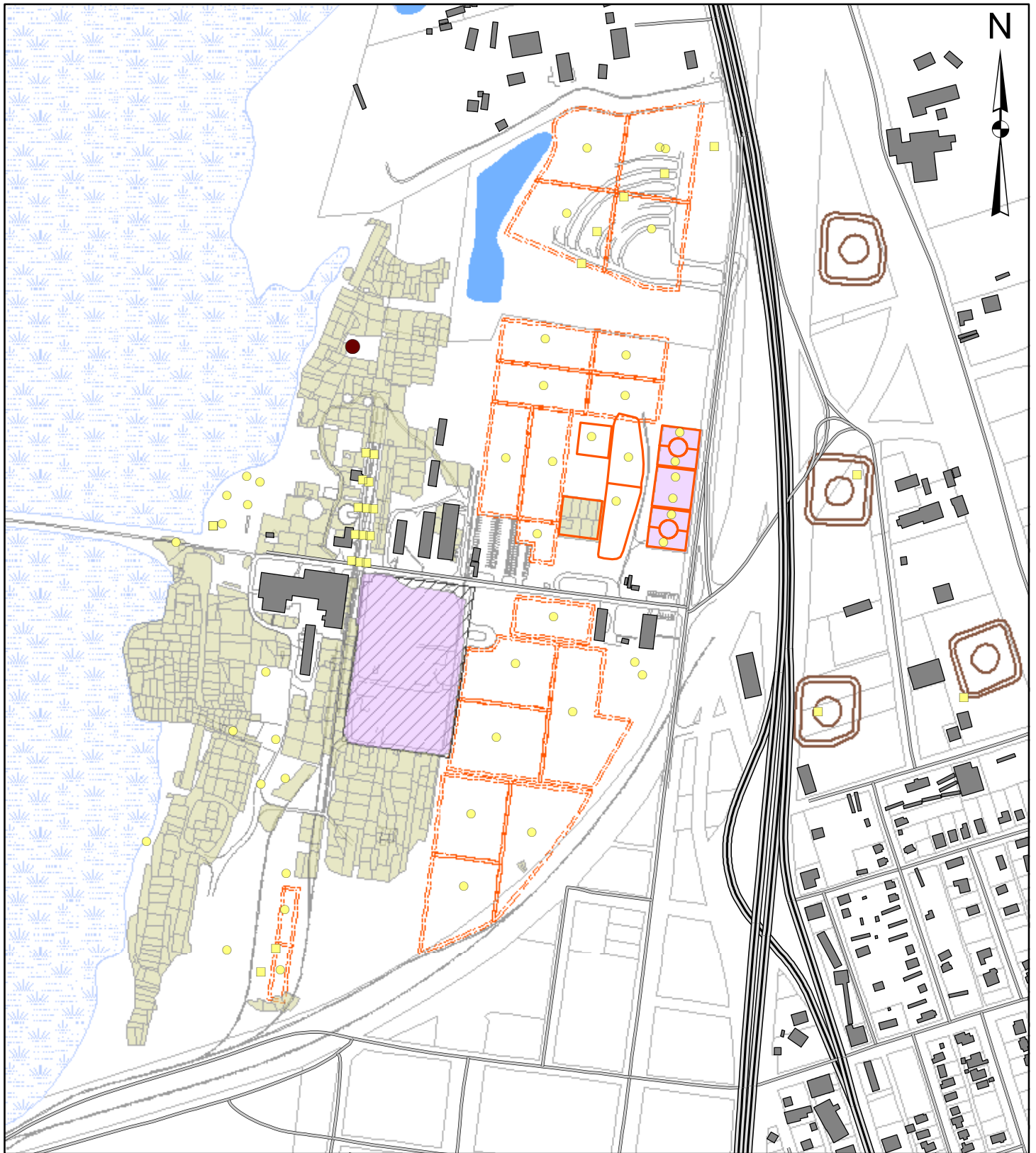
Concentration Color Scale (mg/kg)

- ND
- 2 - 10
- > 30
- < 2
- 10 - 30

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of 4,6-Dinitro-2-methylphenol (0 to 2 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

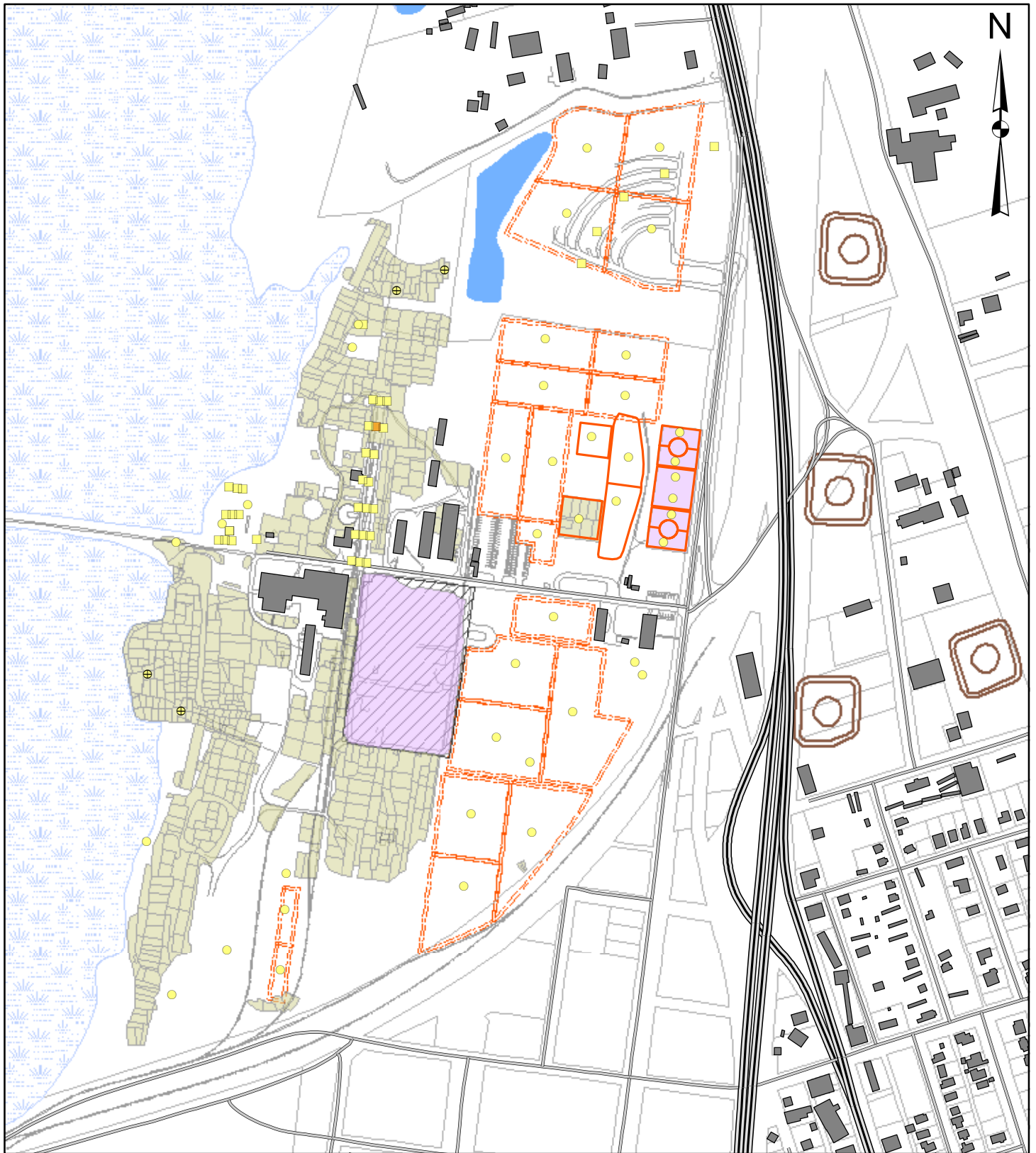
Concentration Color Scale (mg/kg)

- ND
- < 1
- > 1

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of 4,6-Dinitro-2-methylphenol (2 to 4 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

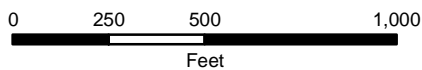
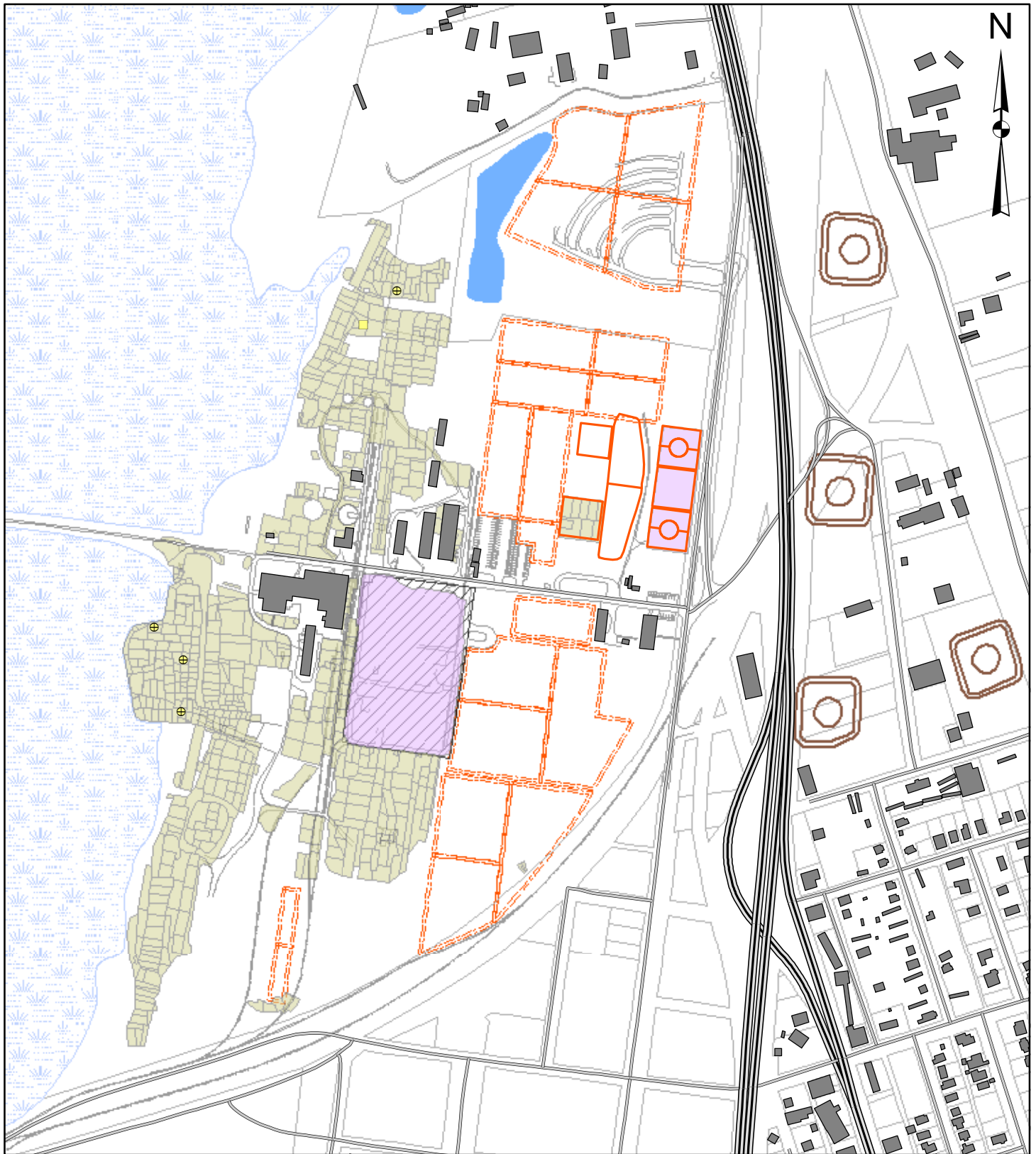
Concentration Color Scale (mg/kg)

- ND
- < 1
- > 1

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of 4,6-Dinitro-2-methylphenol (4 to 6 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

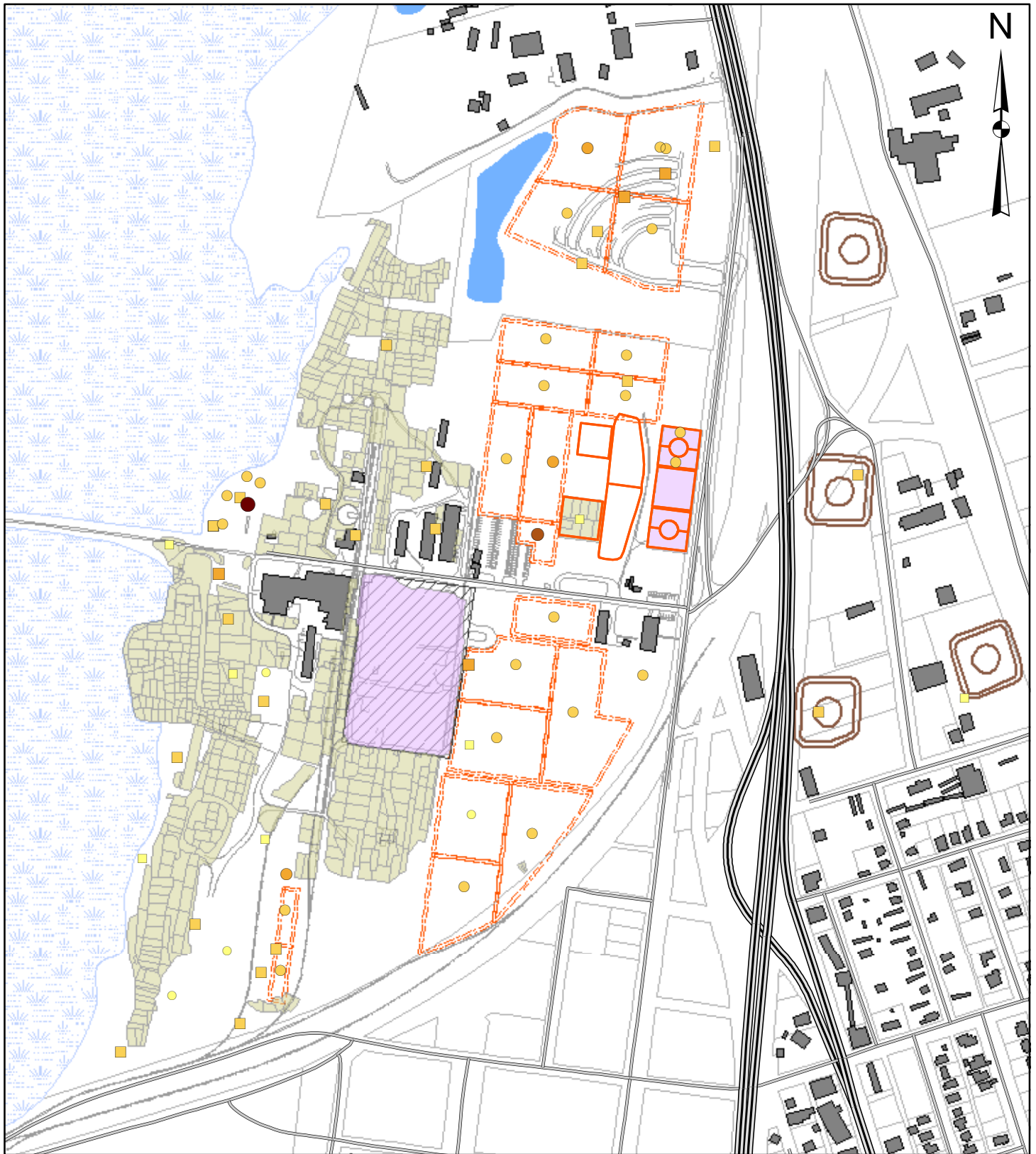
Concentration Color Scale (mg/kg)

- ND
- < 1
- > 1

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Aluminum (0 to 2 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

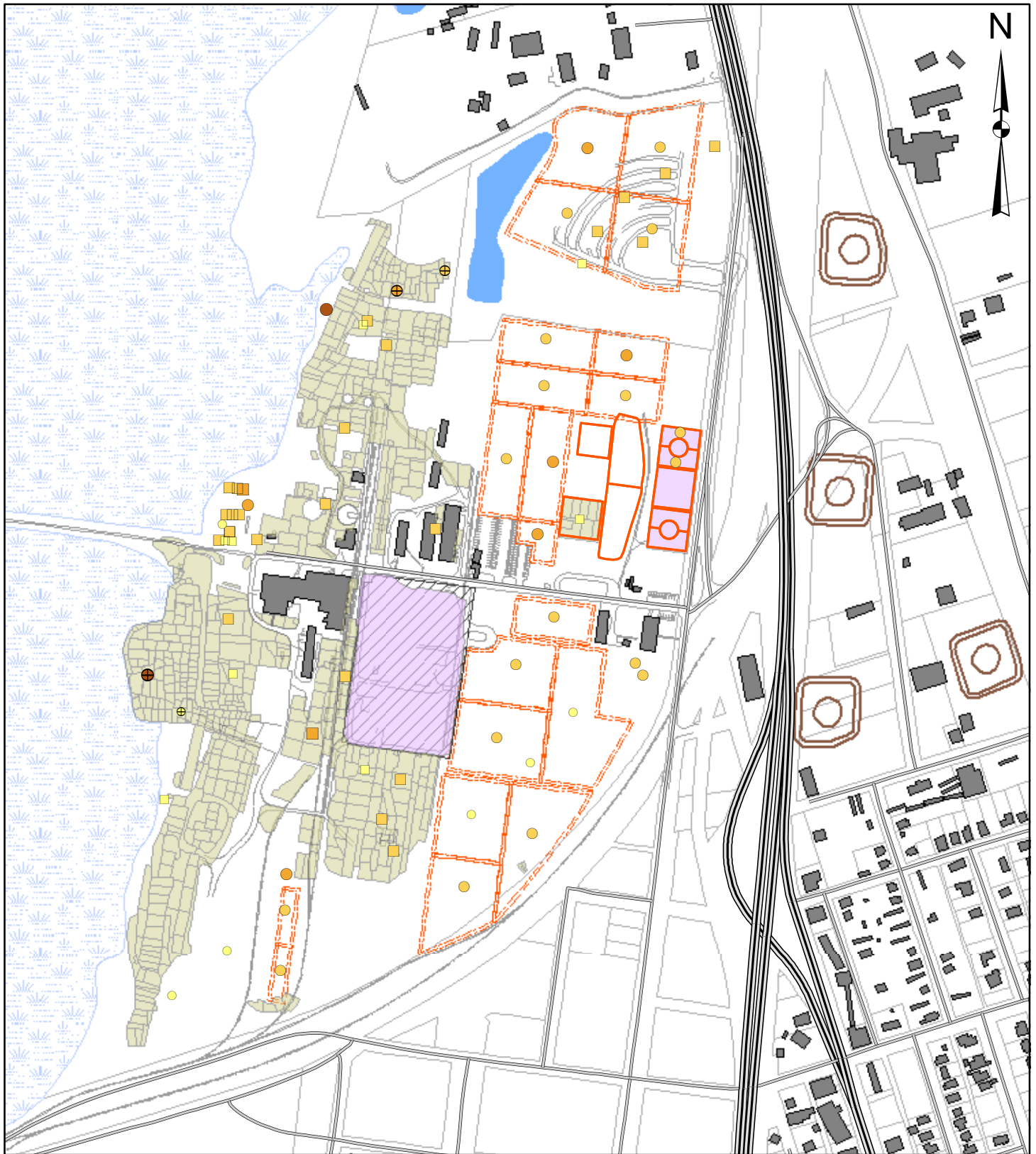
Concentration Color Scale (mg/kg)

- | | | |
|--|---|--|
| < 2000 | 4000 - 6000 | > 10000 |
| 2000 - 4000 | 6000 - 10000 | |

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Aluminum (2 to 4 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

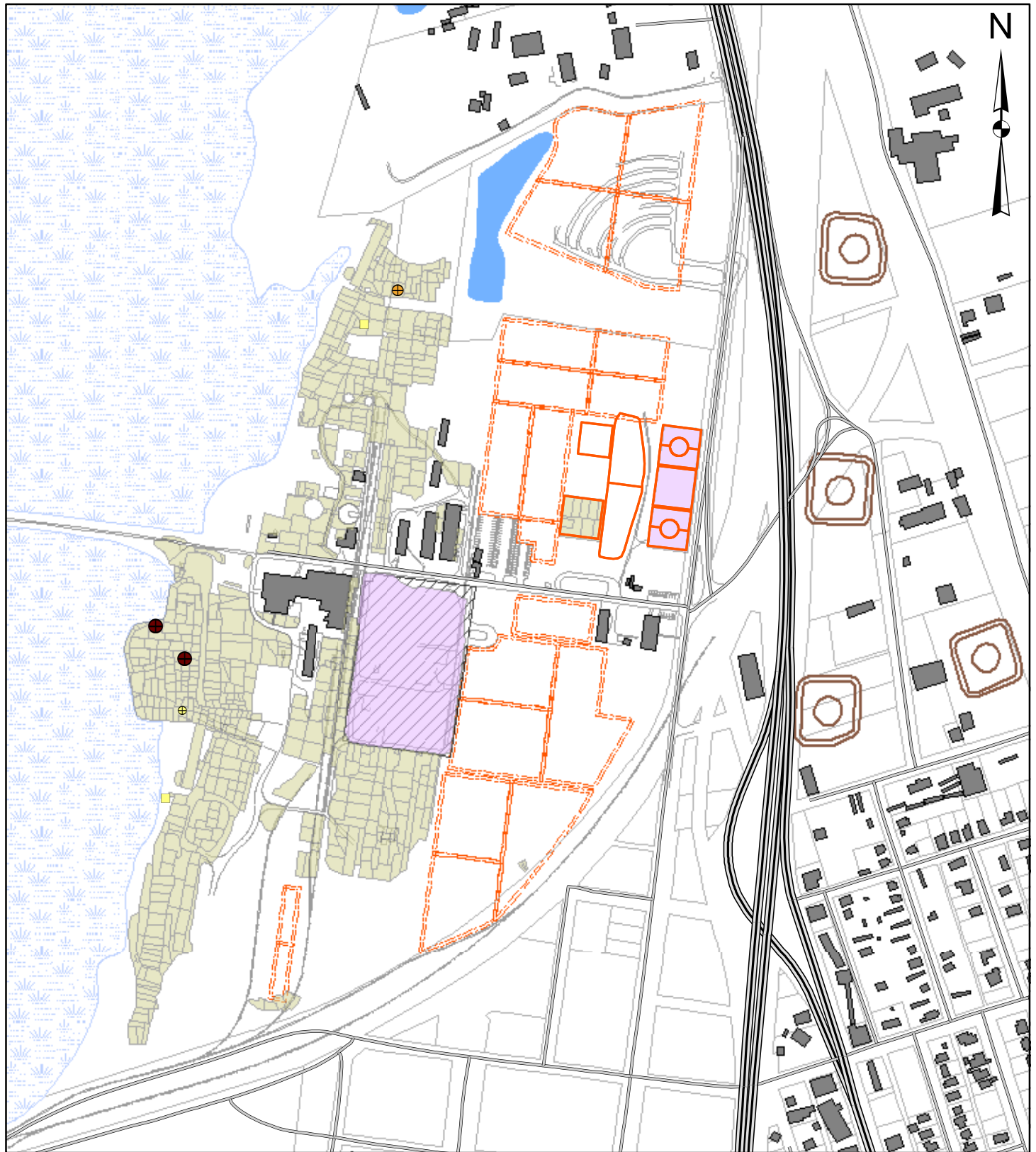
Concentration Color Scale (mg/kg)

- | | | |
|--|---|--|
| < 2000 | 4000 - 6000 | > 10000 |
| 2000 - 4000 | 6000 - 10000 | |

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Aluminum (4 to 6 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

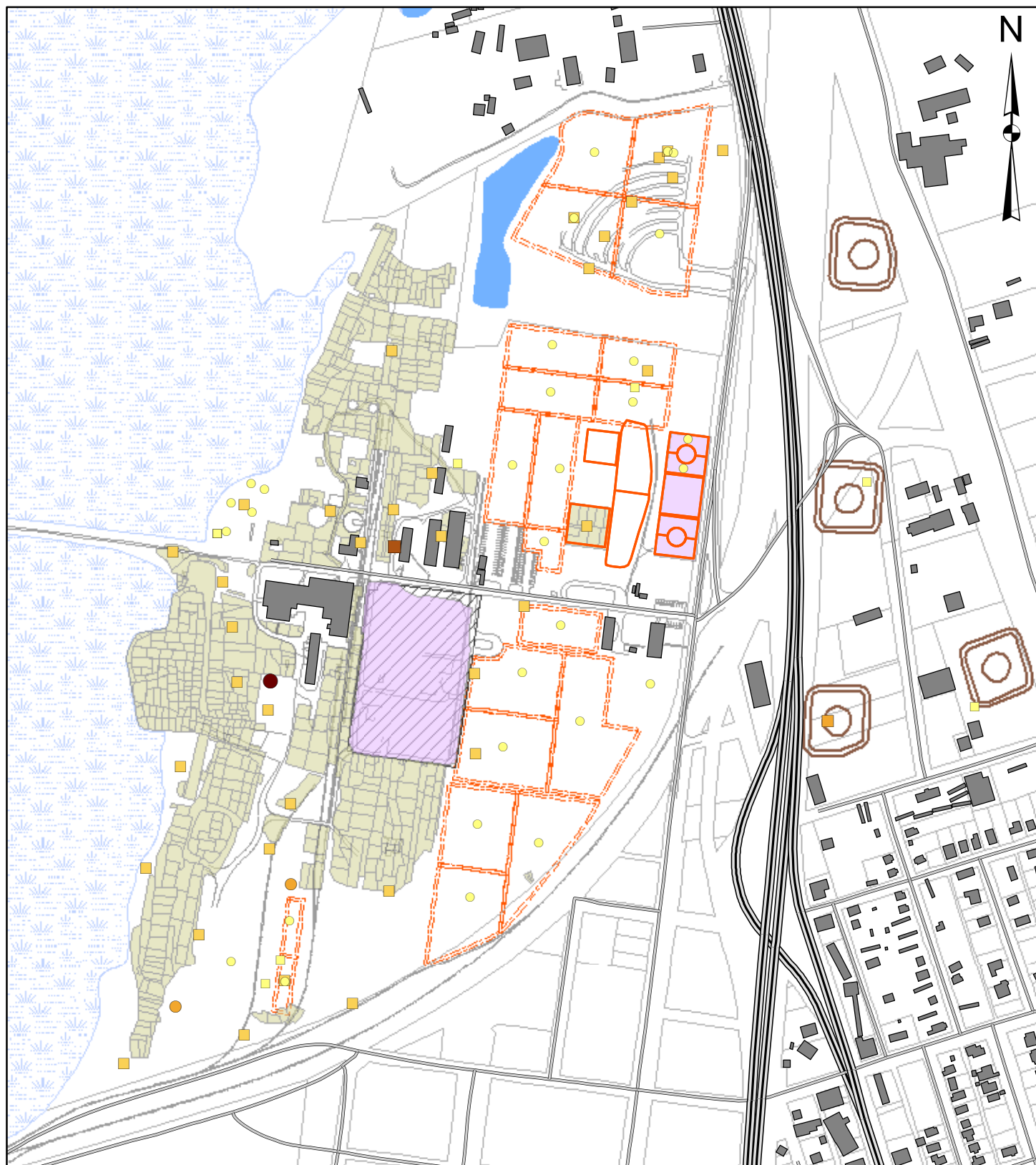
Concentration Color Scale (mg/kg)

- | | | |
|--|---|--|
| < 2000 | 4000 - 6000 | > 10000 |
| 2000 - 4000 | 6000 - 10000 | |

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Antimony (0 to 2 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

⊕ Composite: Post-Excavation Sidewall ○ Composite: Characterization
⊖ Composite: Post-Excavation Bottom □ Grab: Characterization

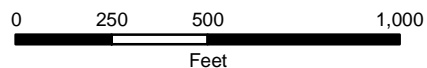
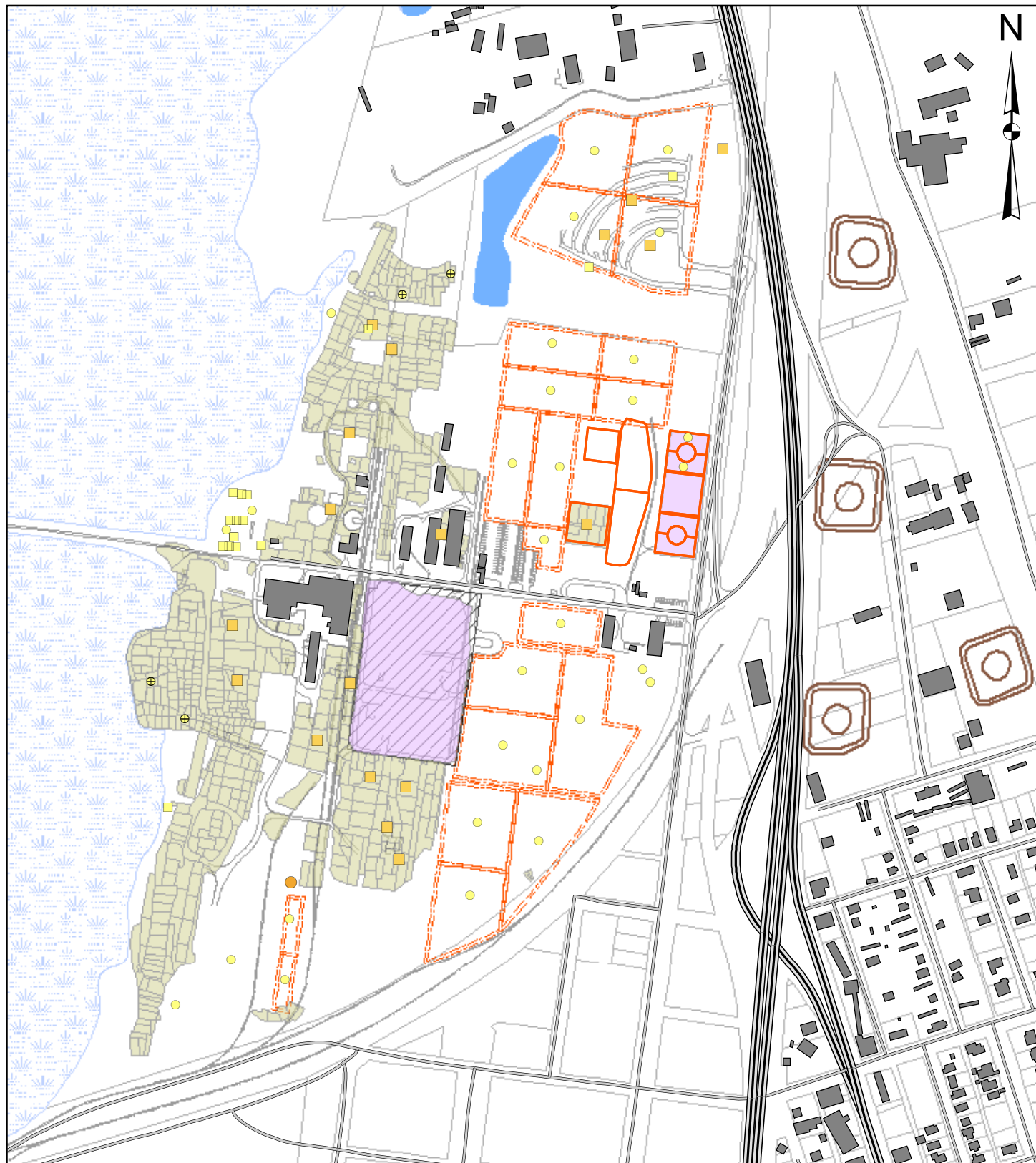
Concentration Color Scale (mg/kg)

ND 1 - 5 > 10
< 1 5 - 10

Site Features

Former Off-site Storage Tanks
Former Cell Building
Existing Buildings
Composite Area (Geosyntec)
Composite Area (EPA/Weston)

Spatial Distribution of Antimony (2 to 4 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Post-Excavation Bottom
- Composite: Characterization
- Grab: Characterization

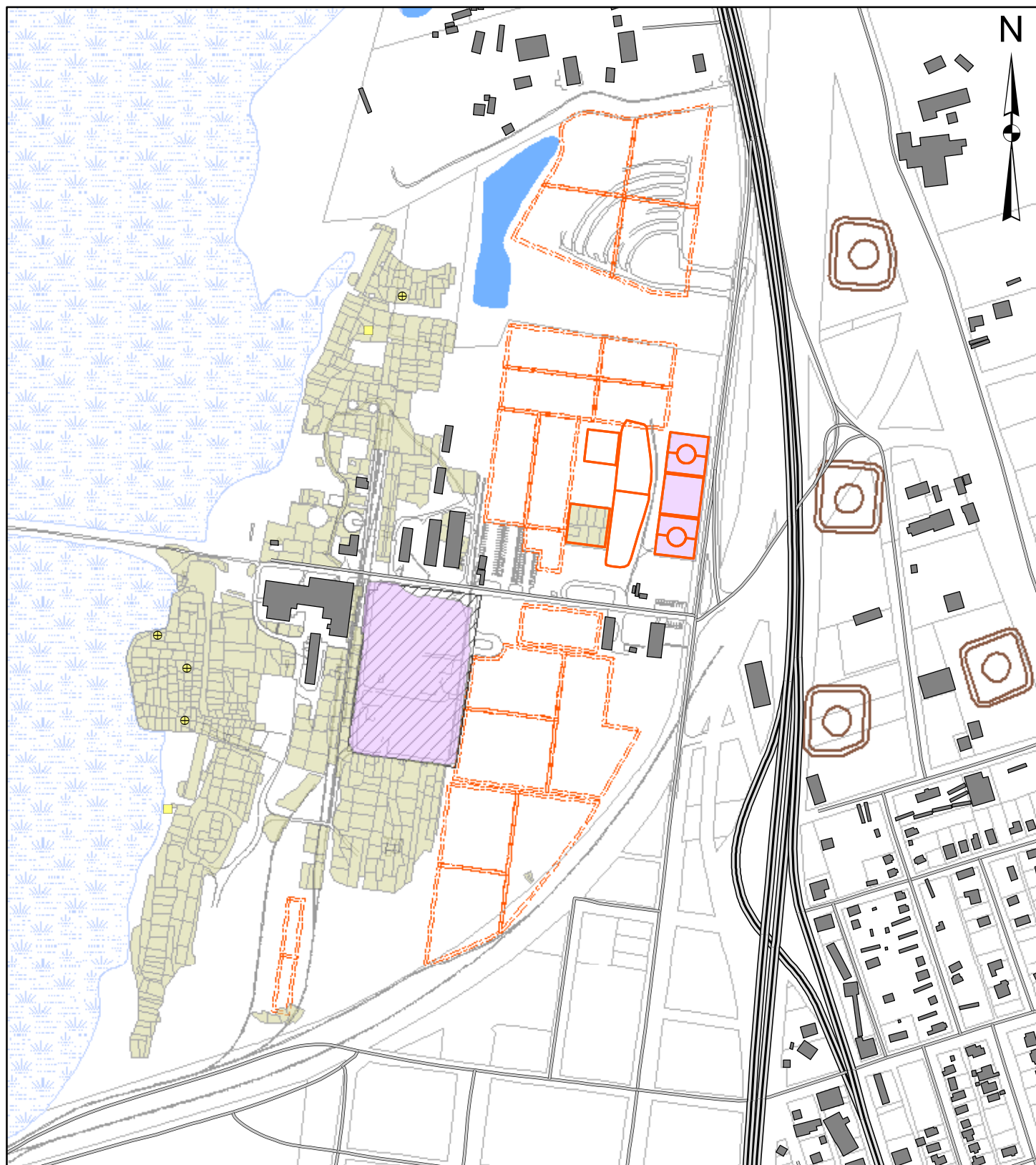
Concentration Color Scale (mg/kg)

- ND
- < 1
- 1 - 5
- 5 - 10
- > 10

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Antimony (4 to 6 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

⊕ Composite: Post-Excavation Sidewall ○ Composite: Characterization
⊕ Composite: Post-Excavation Bottom □ Grab: Characterization

Concentration Color Scale (mg/kg)

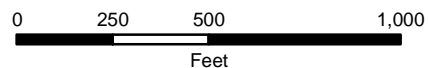
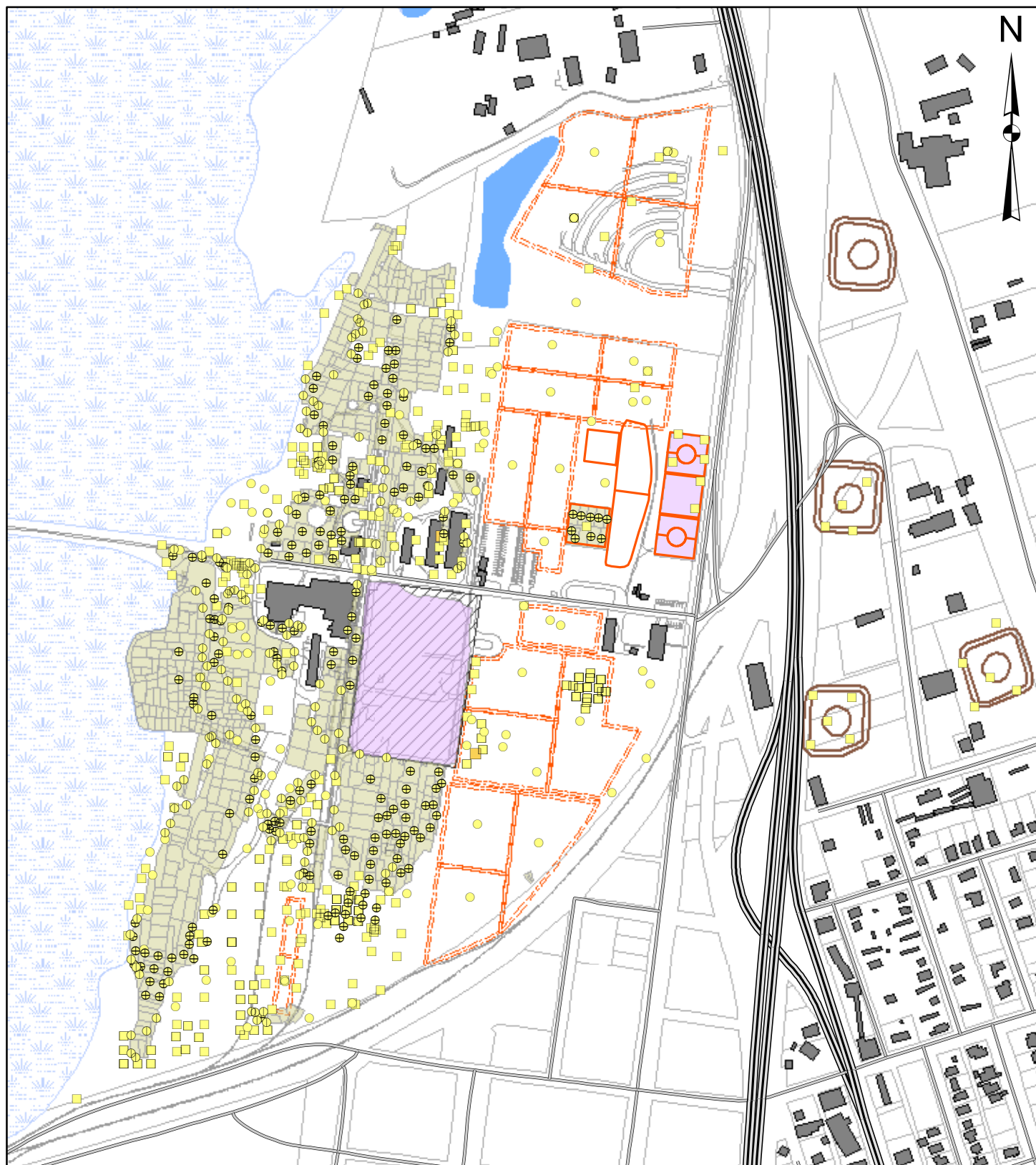
ND 1 - 5 > 10
< 1 5 - 10

Site Features

Former Off-site Storage Tanks
Former Cell Building
Existing Buildings

Composite Area (Geosyntec) Composite Area (EPA/Weston)

Spatial Distribution of Aroclor-1221 (0 to 2 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

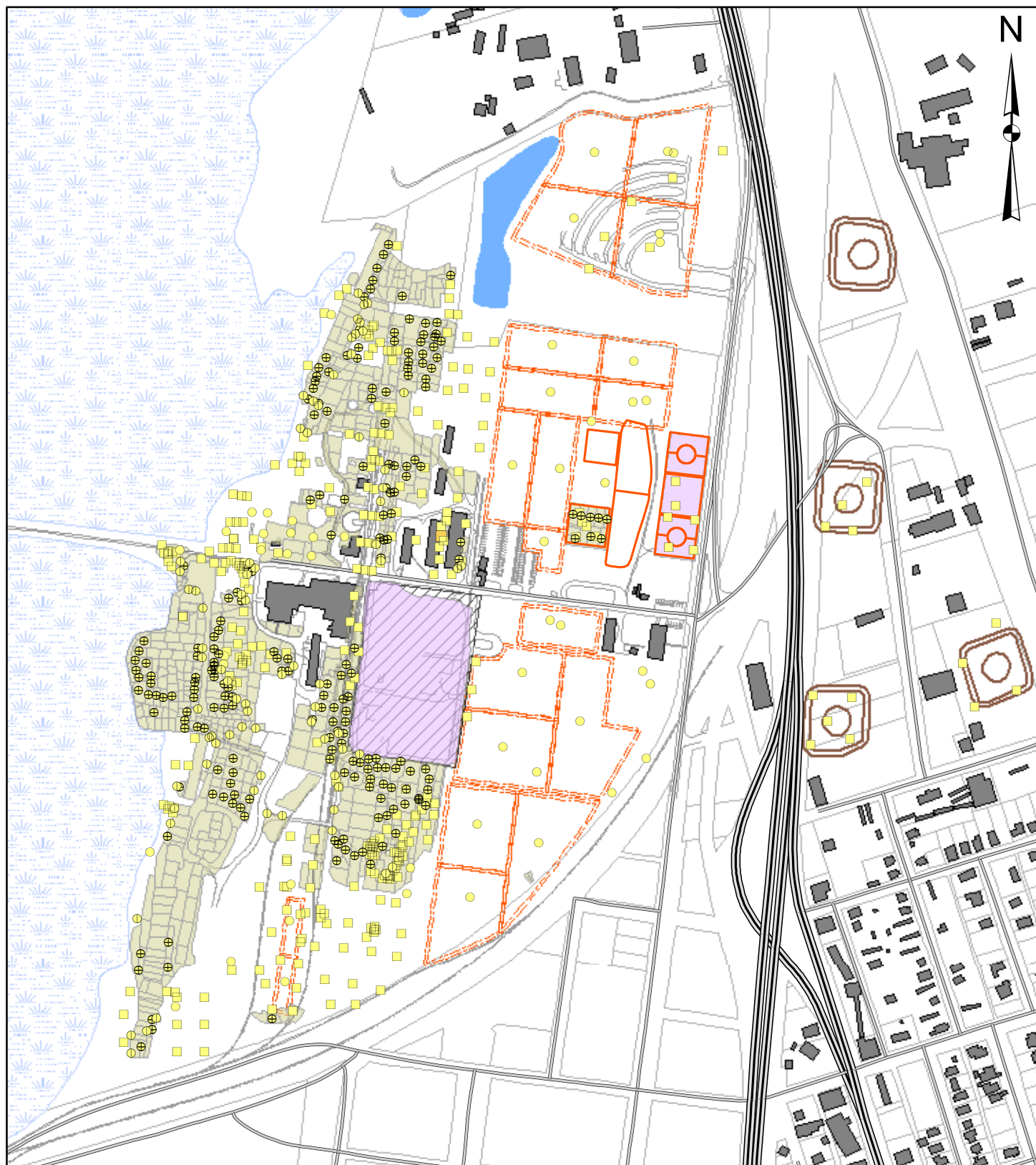
Concentration Color Scale (mg/kg)

- | | | |
|--|--|---|
| ND | 2 - 10 | > 20 |
| < 2 | 10 - 20 | |

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Aroclor-1221 (2 to 4 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

⊙ Composite: Post-Excavation Sidewall ○ Composite: Characterization
⊕ Composite: Post-Excavation Bottom □ Grab: Characterization

Concentration Color Scale (mg/kg)

ND 2 - 10 > 20
< 2 10 - 20

Site Features

Former Off-site Storage Tanks
Former Cell Building
Existing Buildings
Composite Area (Geosyntec)
Composite Area (EPA/Weston)

Spatial Distribution of Aroclor-1221 (4 to 6 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

⊕ Composite: Post-Excavation Sidewall ○ Composite: Characterization
⊕ Composite: Post-Excavation Bottom □ Grab: Characterization

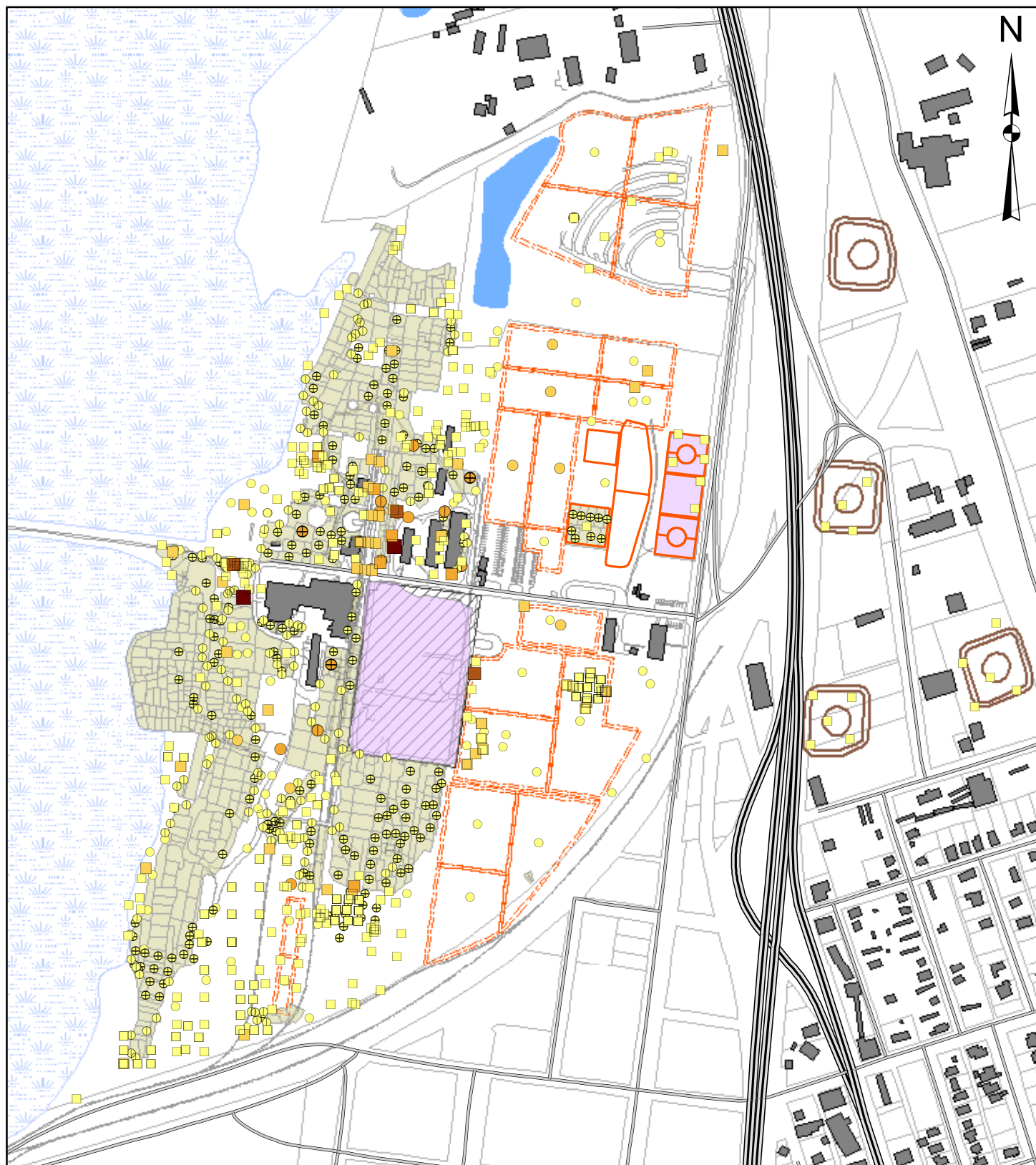
Concentration Color Scale (mg/kg)

ND 2 - 10 > 20
< 2 10 - 20

Site Features

Former Off-site Storage Tanks
Former Cell Building
Existing Buildings
Composite Area (Geosyntec)
Composite Area (EPA/Weston)

Spatial Distribution of Aroclor-1254 (0 to 2 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

⊕ Composite: Post-Excavation Sidewall ○ Composite: Characterization
⊕ Composite: Post-Excavation Bottom □ Grab: Characterization

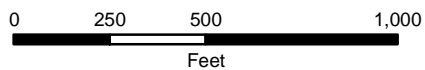
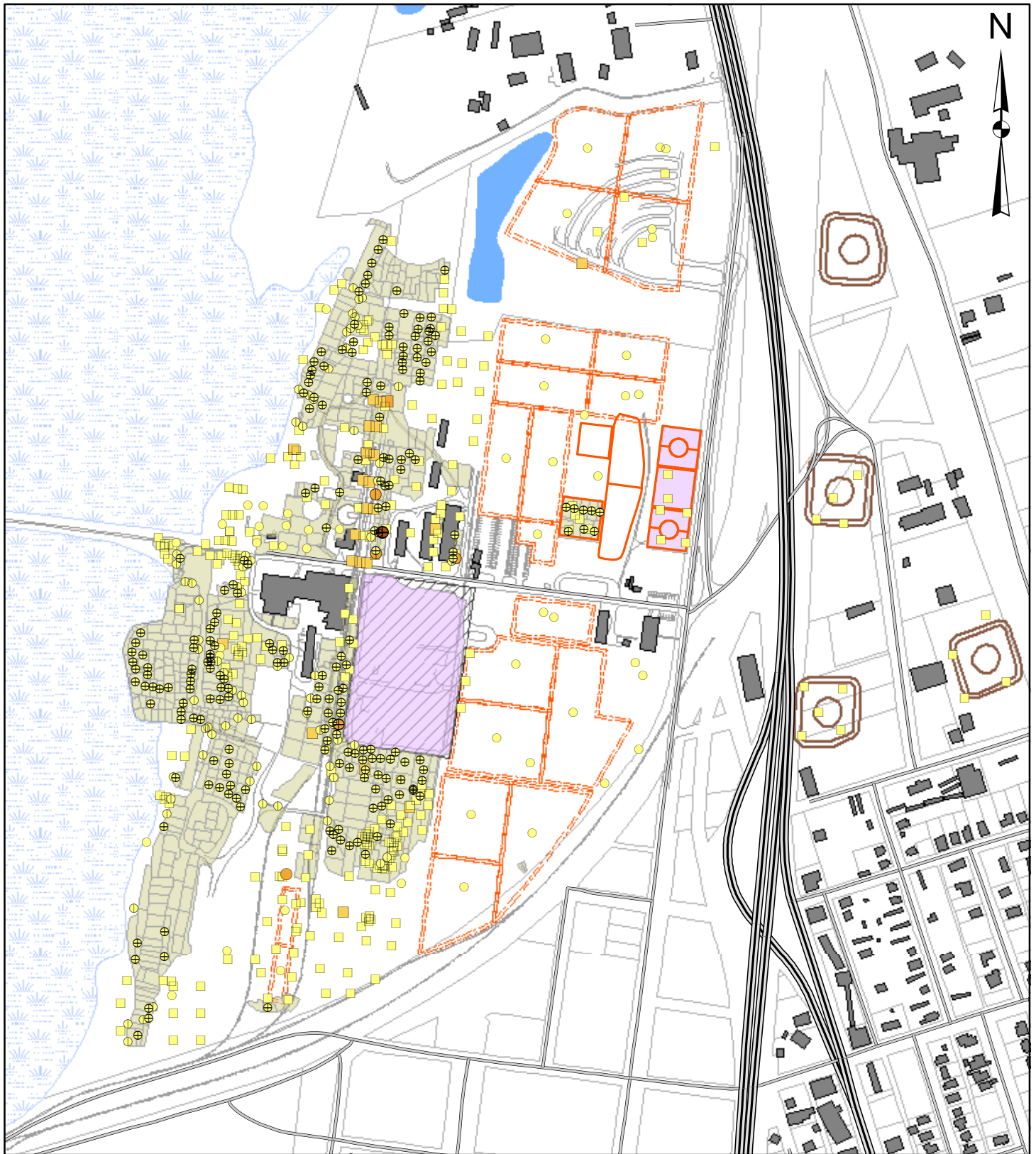
Concentration Color Scale (mg/kg)

ND 2 - 10 > 20
< 2 10 - 20

Site Features

Former Off-site Storage Tanks
Former Cell Building
Existing Buildings
Composite Area (Geosyntec)
Composite Area (EPA/Weston)

Spatial Distribution of Aroclor-1254 (2 to 4 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

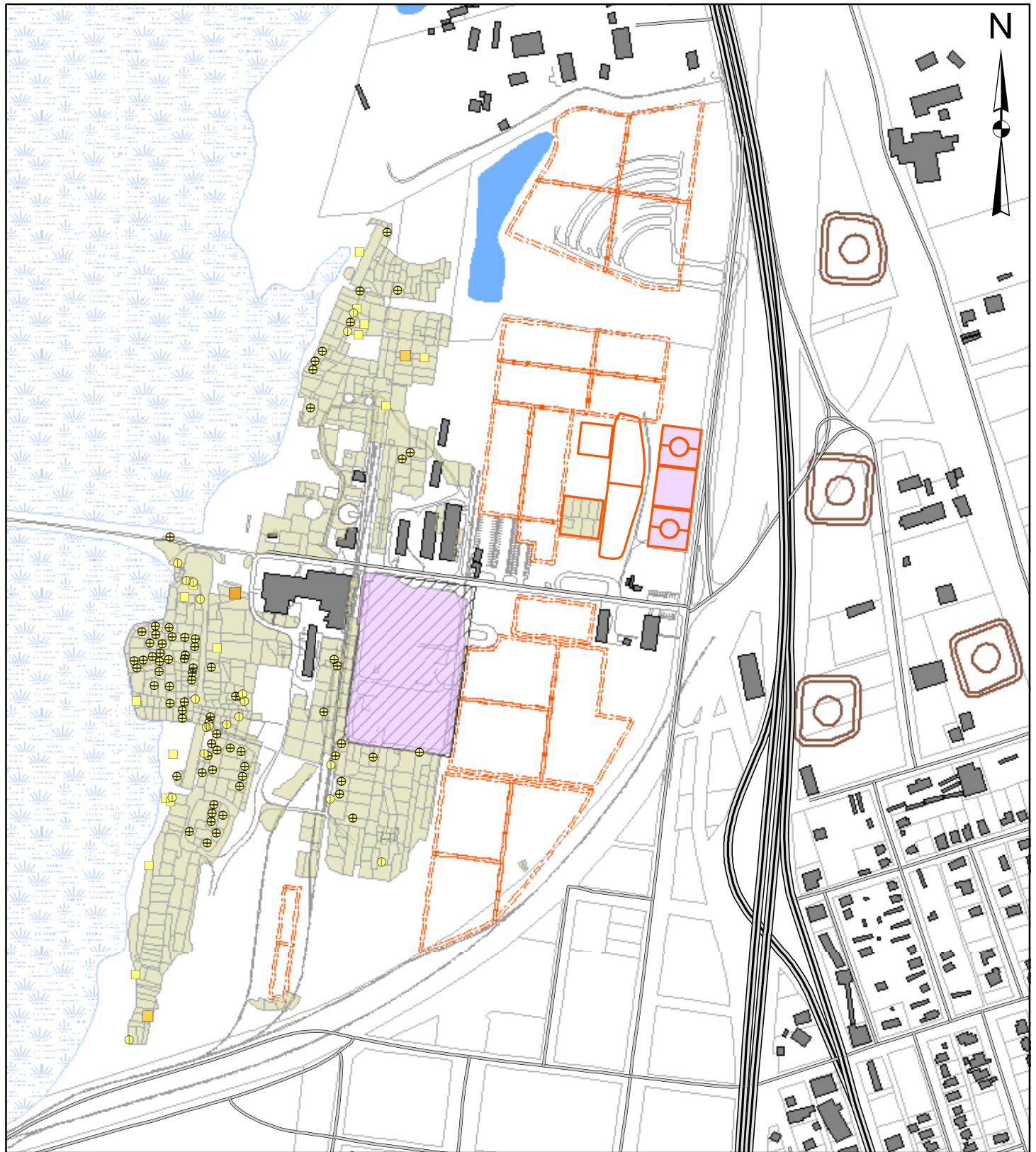
Concentration Color Scale (mg/kg)

- | | | |
|--|--|---|
| ND | 2 - 10 | > 20 |
| < 2 | 10 - 20 | |

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Aroclor-1254 (4 to 6 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

⊕ Composite: Post-Excavation Sidewall ○ Composite: Characterization
⊕ Composite: Post-Excavation Bottom □ Grab: Characterization

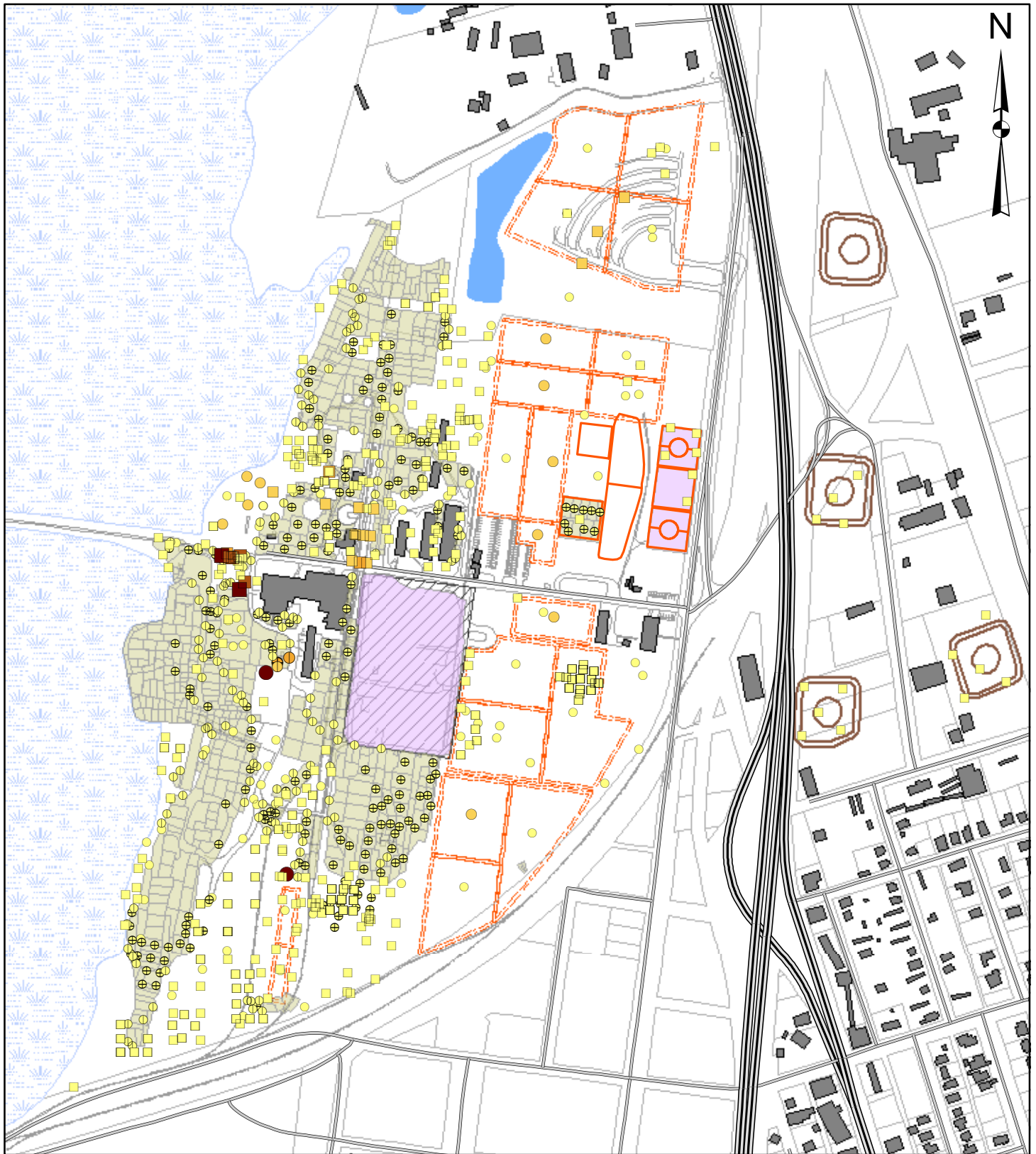
Concentration Color Scale (mg/kg)

ND 2 - 10 > 20
< 2 10 - 20

Site Features

Former Off-site Storage Tanks
Former Cell Building
Existing Buildings
Composite Area (Geosyntec)
Composite Area (EPA/Weston)

Spatial Distribution of Aroclor-1260 (0 to 2 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

⊕ Composite: Post-Excavation Sidewall ○ Composite: Characterization
⊕ Composite: Post-Excavation Bottom □ Grab: Characterization

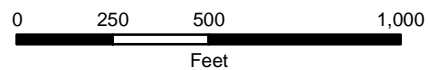
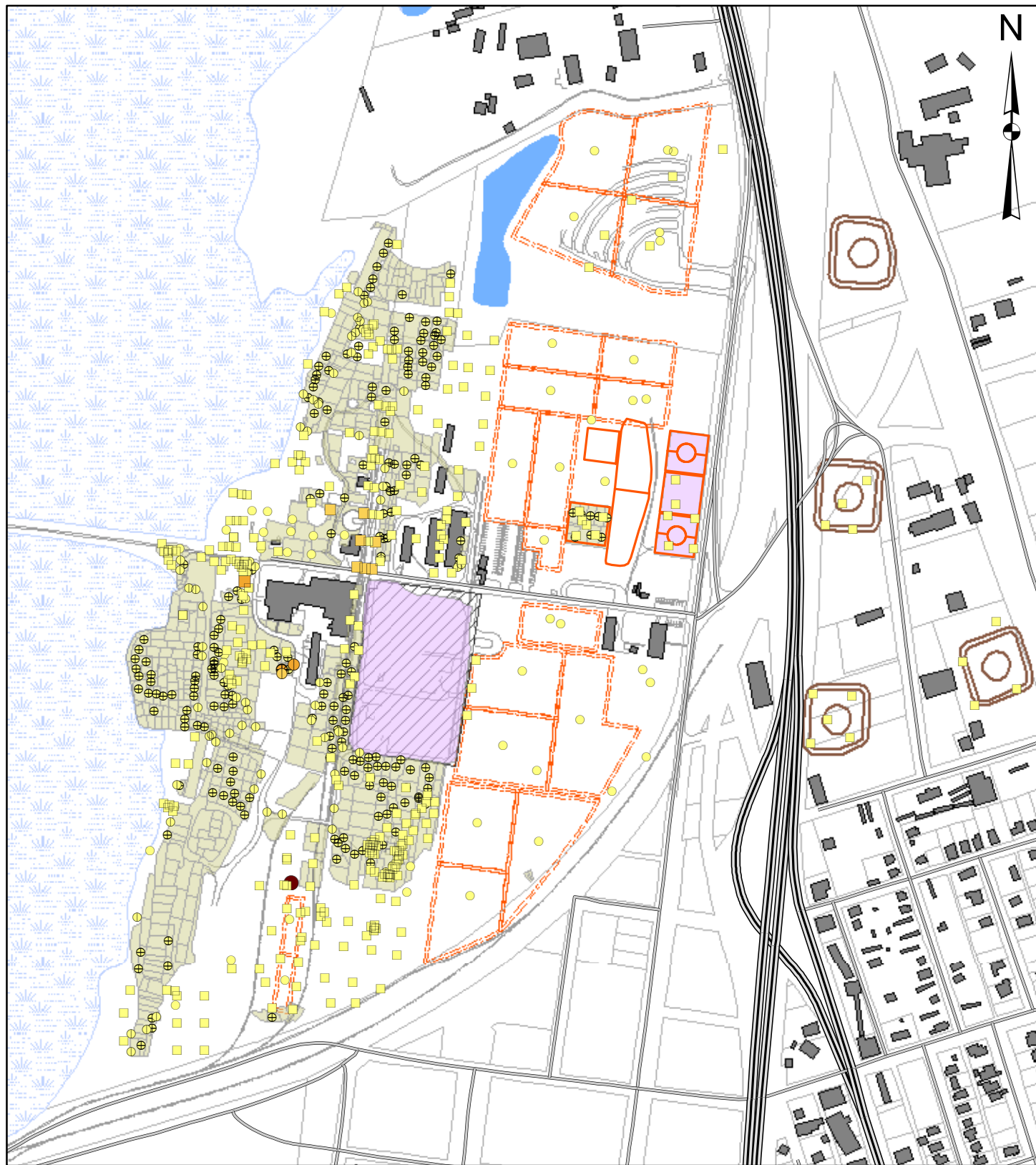
Concentration Color Scale (mg/kg)

ND 2 - 10 > 20
< 2 10 - 20

Site Features

Former Off-site Storage Tanks
Former Cell Building
Existing Buildings
Composite Area (Geosyntec)
Composite Area (EPA/Weston)

Spatial Distribution of Aroclor-1260 (2 to 4 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

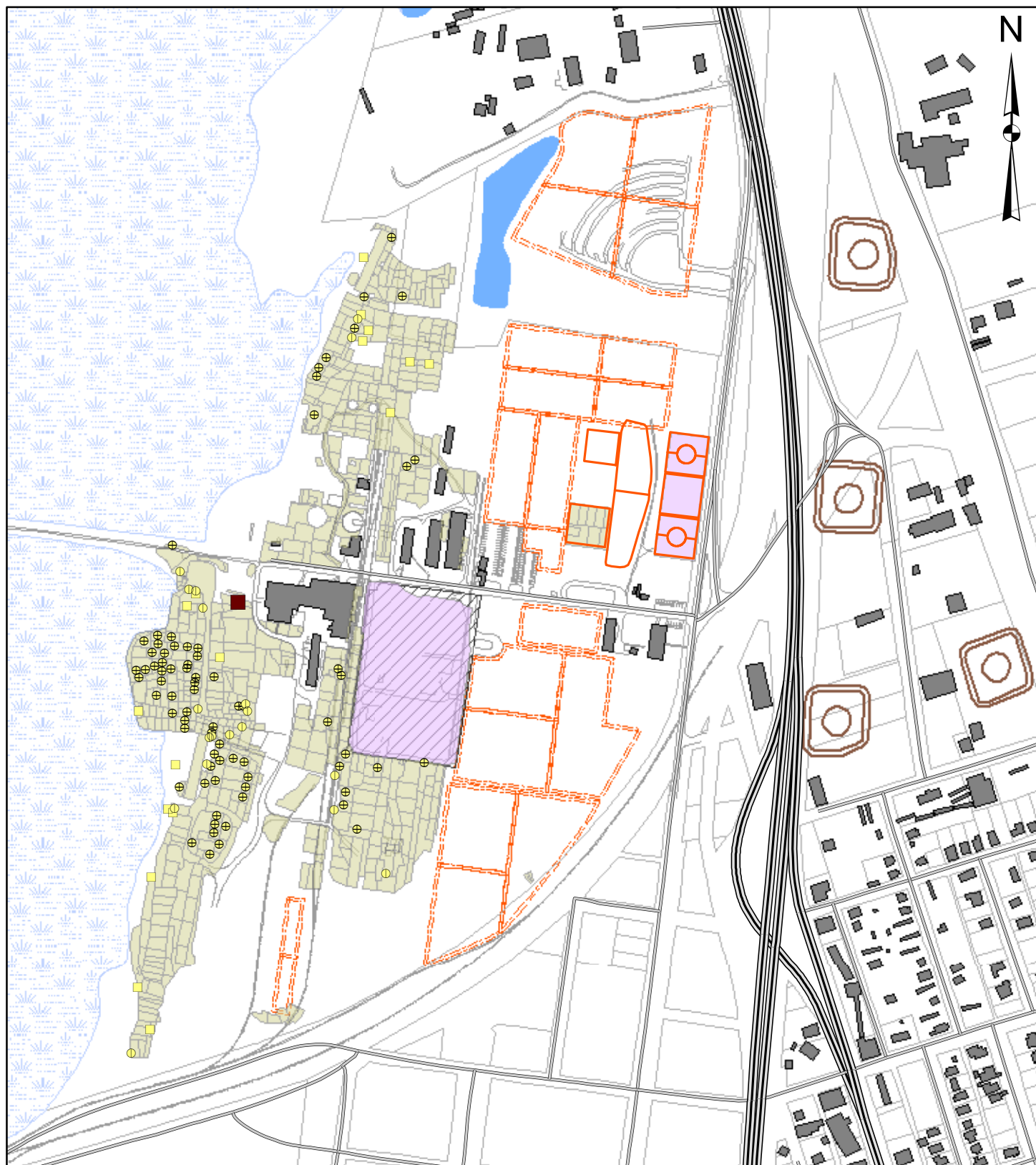
Concentration Color Scale (mg/kg)

- ND
- < 2
- 2 - 10
- 10 - 20
- > 20

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Aroclor-1260 (4 to 6 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

⊕ Composite: Post-Excavation Sidewall ○ Composite: Characterization
⊕ Composite: Post-Excavation Bottom □ Grab: Characterization

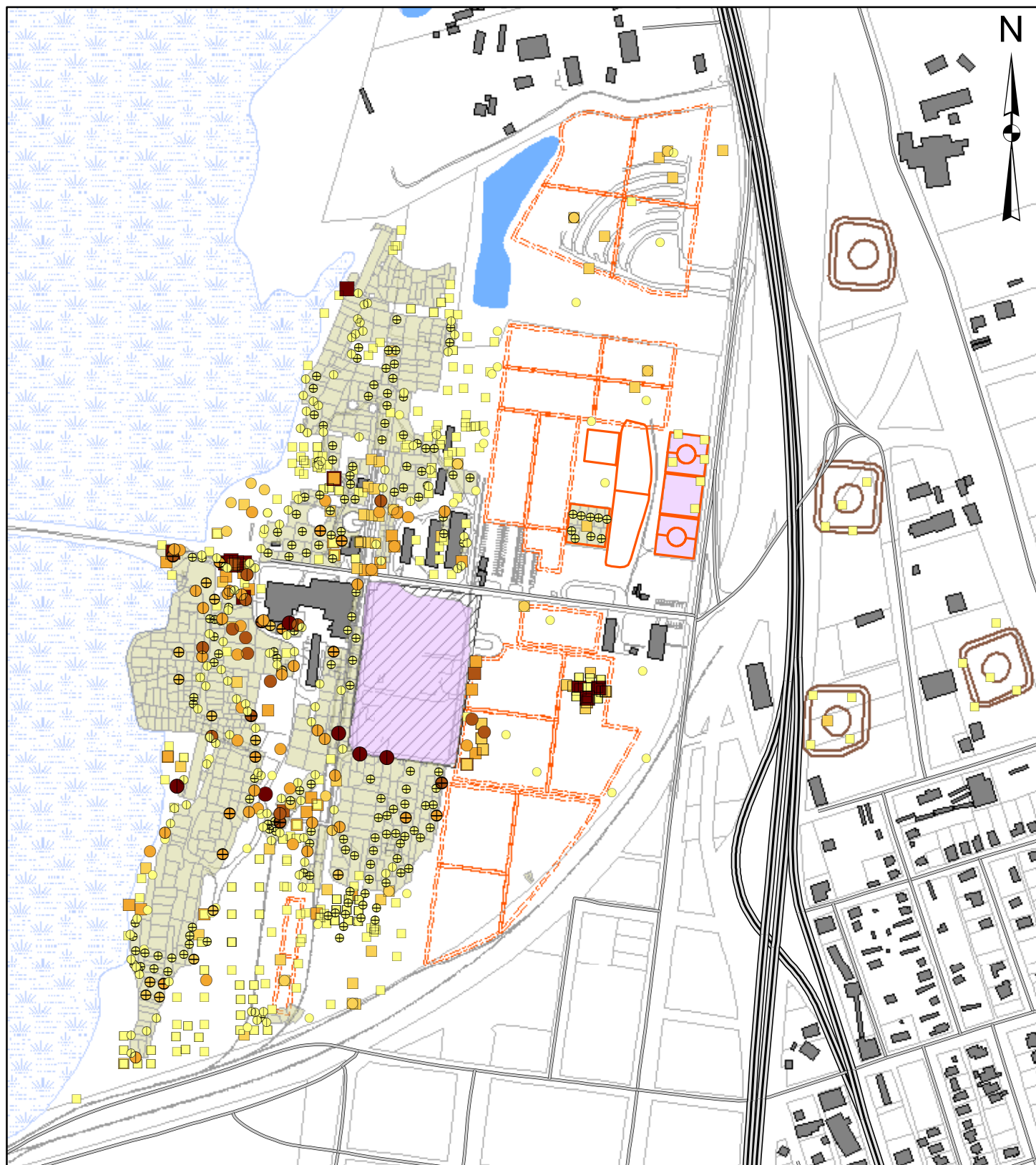
Concentration Color Scale (mg/kg)

ND 2 - 10 > 20
< 2 10 - 20

Site Features

Former Off-site Storage Tanks
Former Cell Building
Existing Buildings
Composite Area (Geosyntec)
Composite Area (EPA/Weston)

Spatial Distribution of Aroclor-1268 (0 to 2 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

⊕ Composite: Post-Excavation Sidewall ○ Composite: Characterization
⊕ Composite: Post-Excavation Bottom □ Grab: Characterization

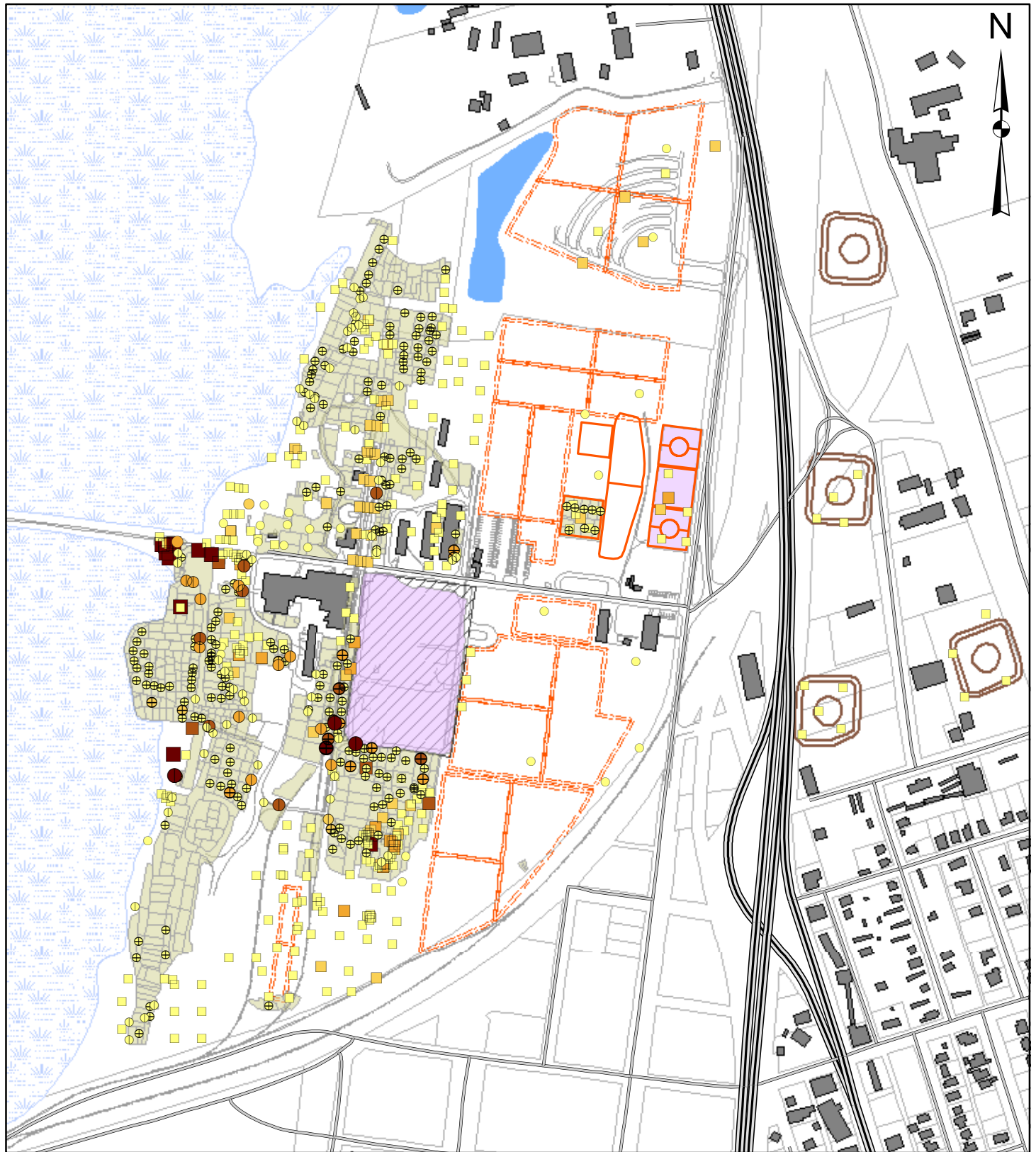
Concentration Color Scale (mg/kg)

ND 2 - 10 > 20
< 2 10 - 20

Site Features

Former Off-site Storage Tanks
Former Cell Building
Existing Buildings
Composite Area (Geosyntec)
Composite Area (EPA/Weston)

Spatial Distribution of Aroclor-1268 (2 to 4 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

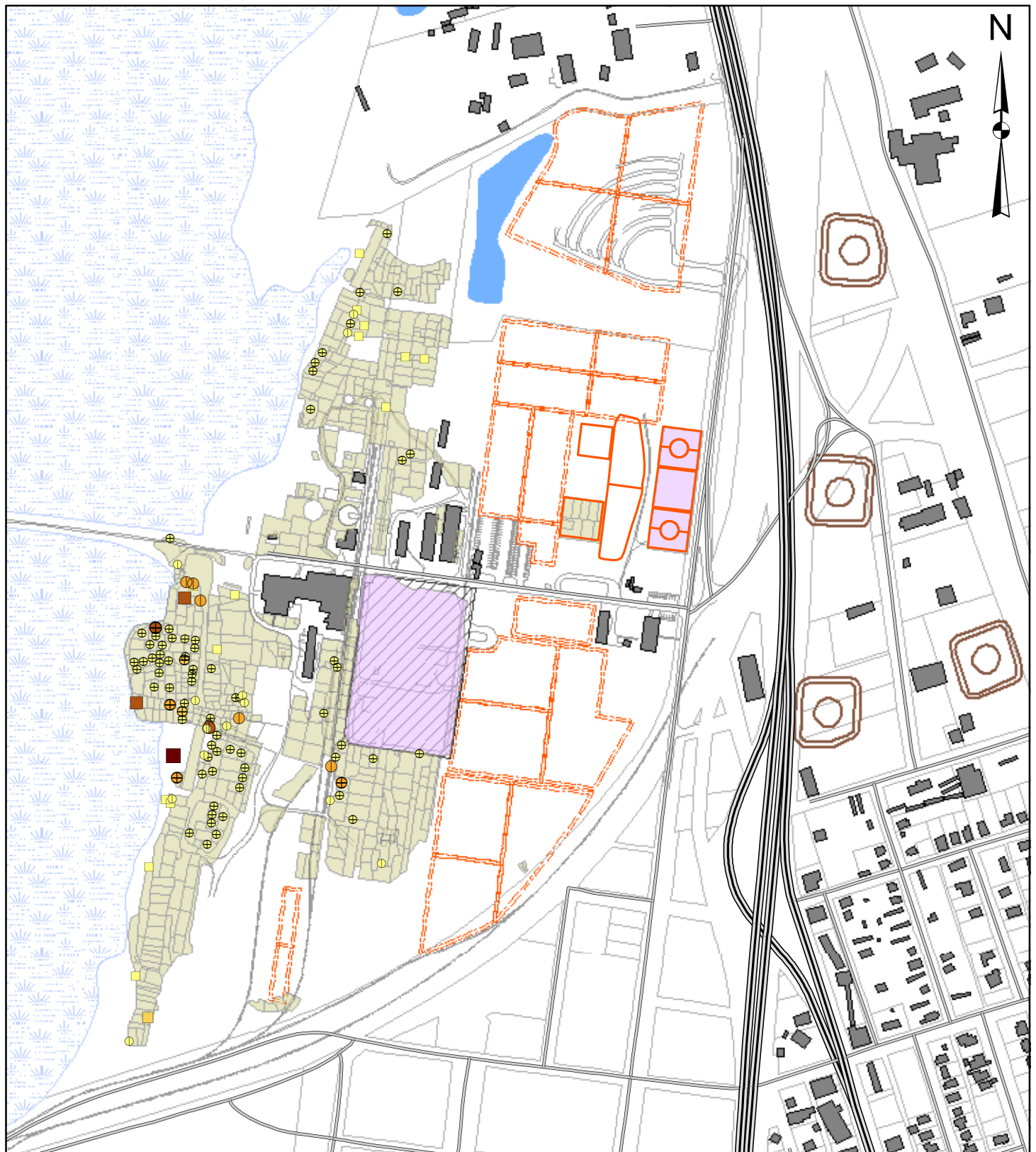
Concentration Color Scale (mg/kg)

- ND
- 2 - 10
- > 20
- < 2
- 10 - 20

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Aroclor-1268 (4 to 6 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

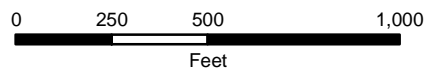
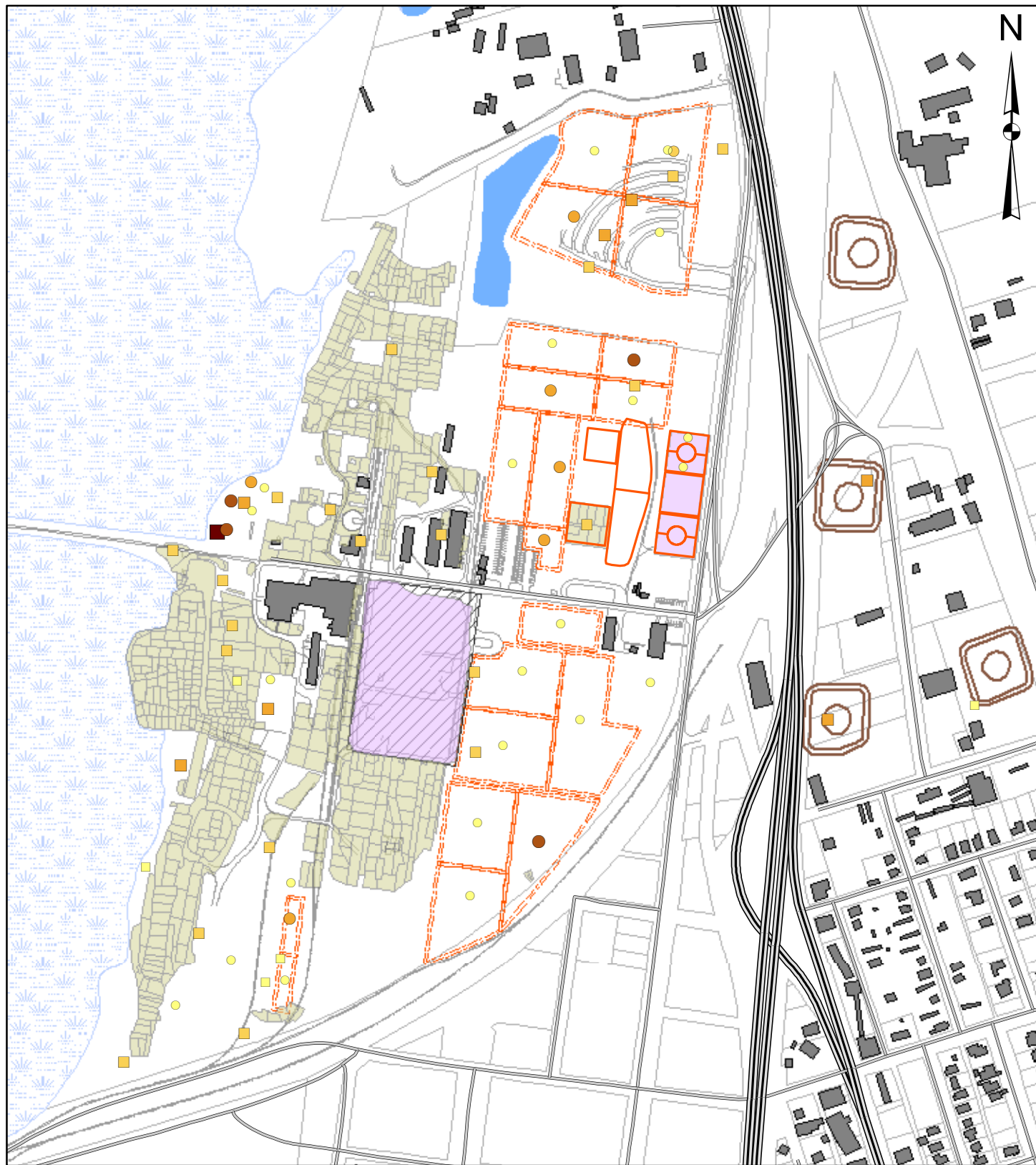
Concentration Color Scale (mg/kg)

- ND
- 2 - 10
- > 20
- < 2
- 10 - 20

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Total Arsenic (0 to 2 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

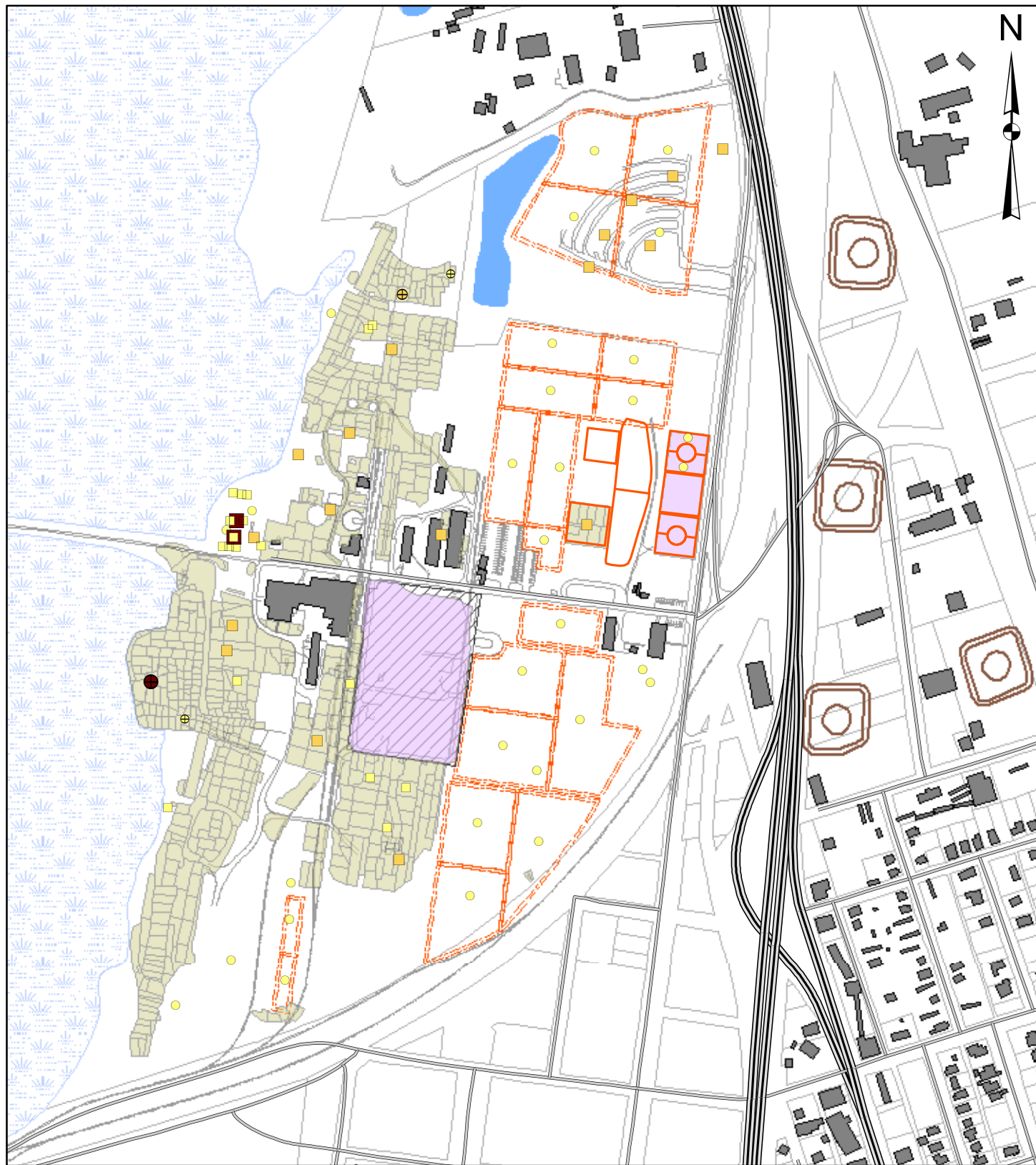
Concentration Color Scale (mg/kg)

- ND
- 1 - 3
- 3 - 6
- > 6
- < 1

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Total Arsenic (2 to 4 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

⊕ Composite: Post-Excavation Sidewall ○ Composite: Characterization
⊕ Composite: Post-Excavation Bottom □ Grab: Characterization

Concentration Color Scale (mg/kg)

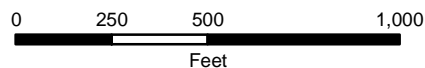
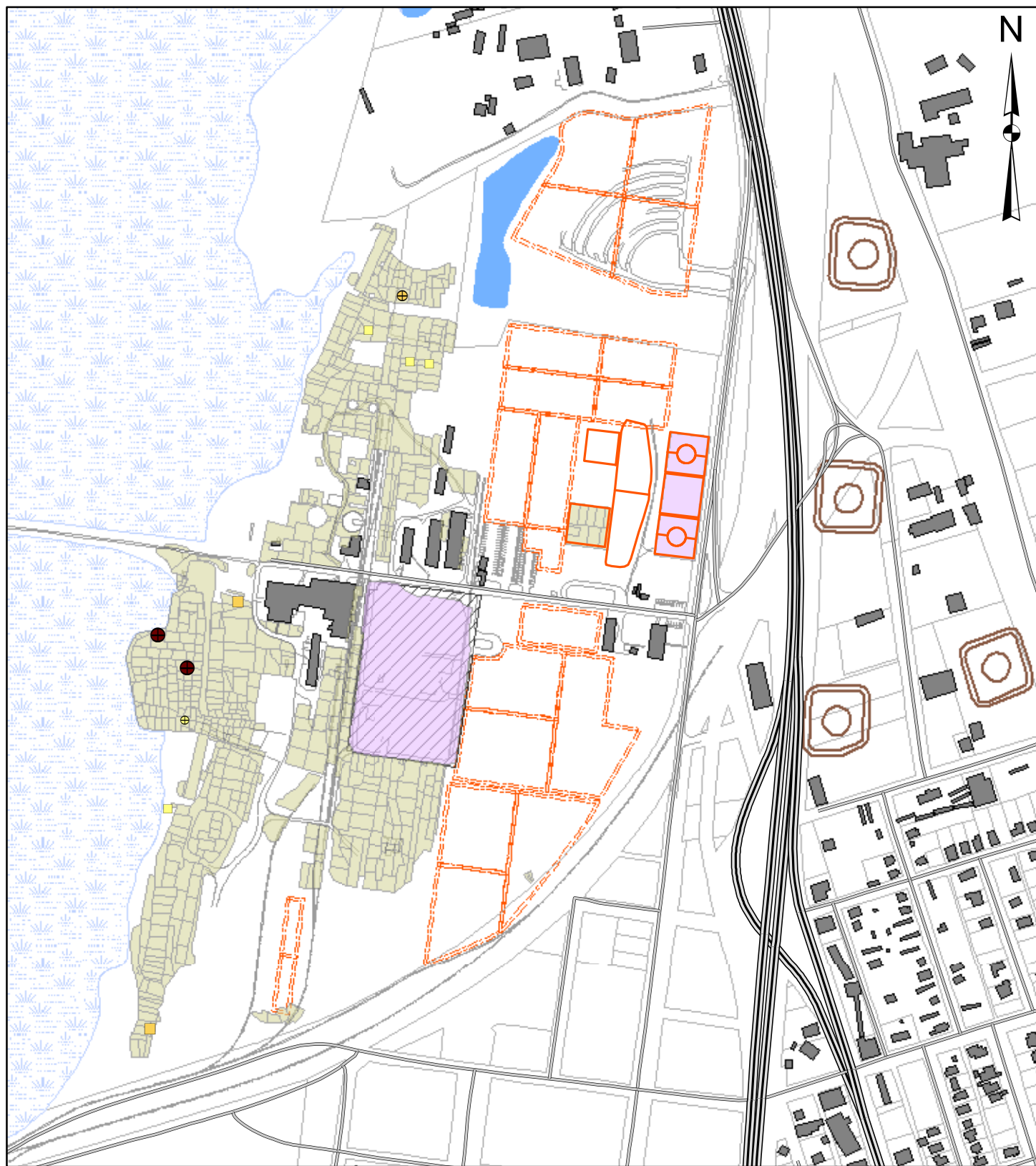
ND 1 - 3 > 6
< 1 3 - 6

Site Features

Former Off-site Storage Tanks
Former Cell Building
Existing Buildings

Composite Area (Geosyntec) Composite Area (EPA/Weston)

Spatial Distribution of Total Arsenic (4 to 6 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

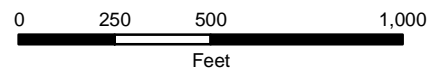
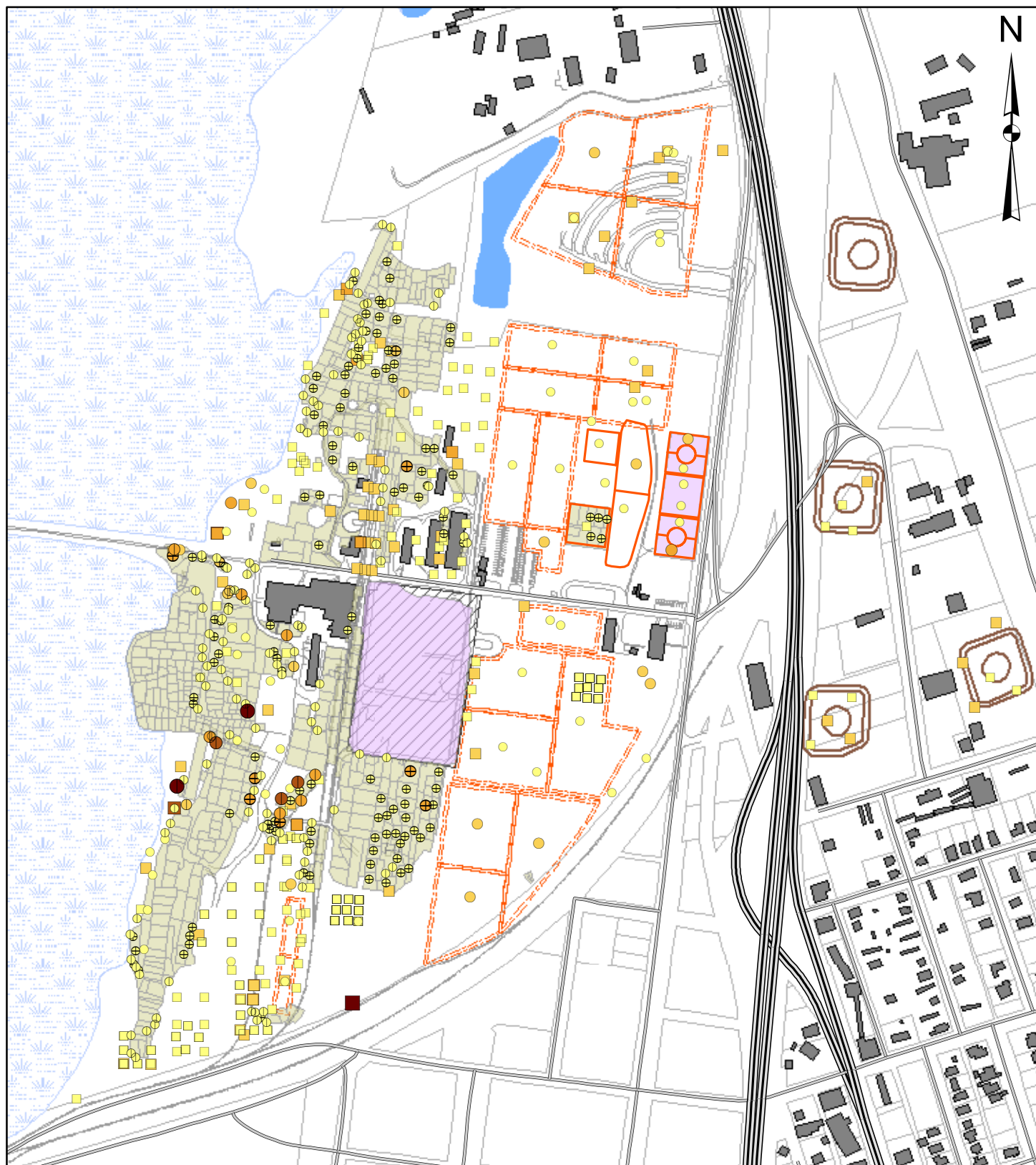
Concentration Color Scale (mg/kg)

- ND
- < 1
- 1 - 3
- 3 - 6
- > 6

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Benzo(a)anthracene (0 to 2 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

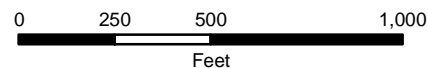
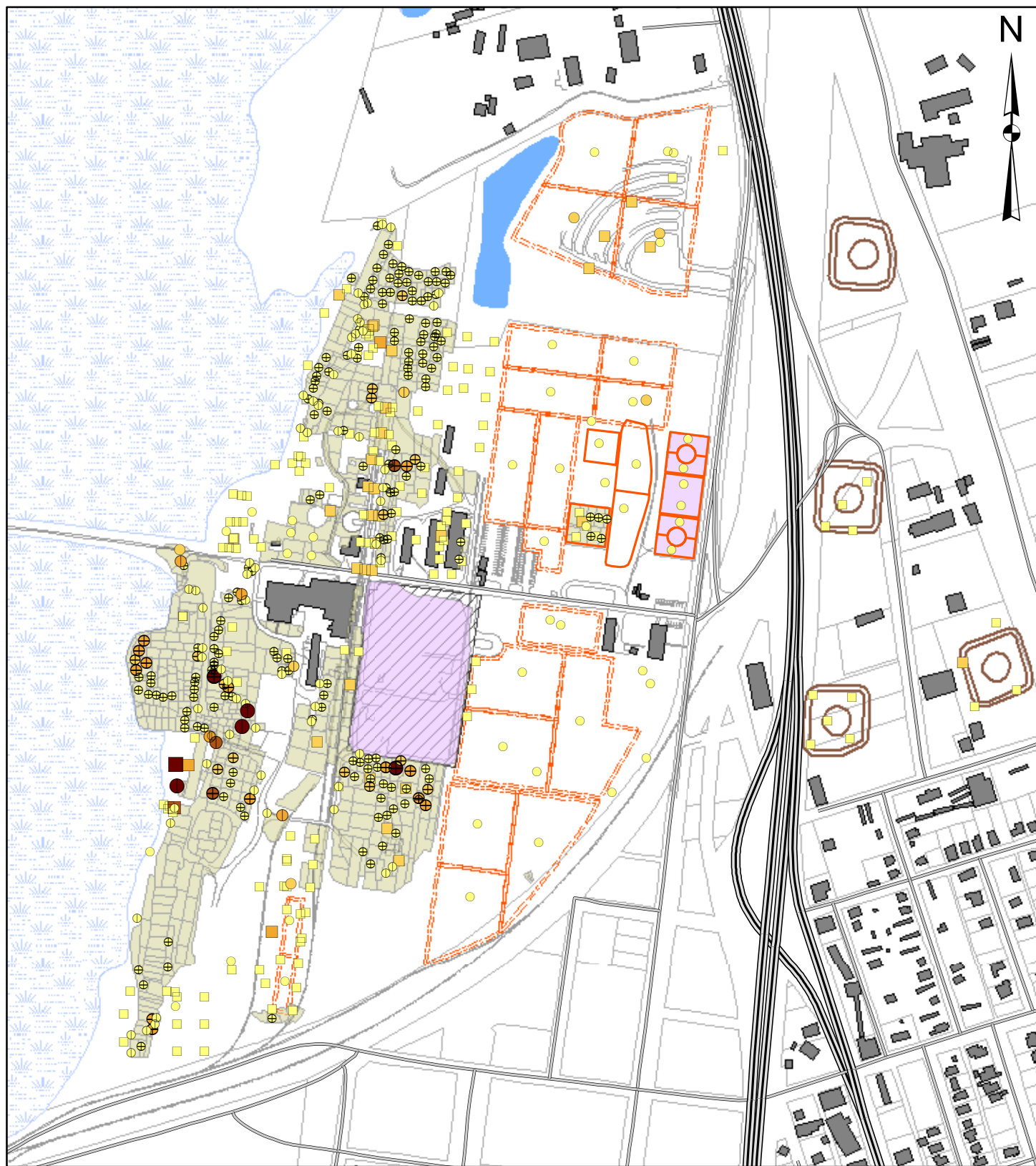
Concentration Color Scale (mg/kg)

- ND
- 1 - 5
- > 10
- < 1
- 5 - 10

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Benzo(a)anthracene (2 to 4 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

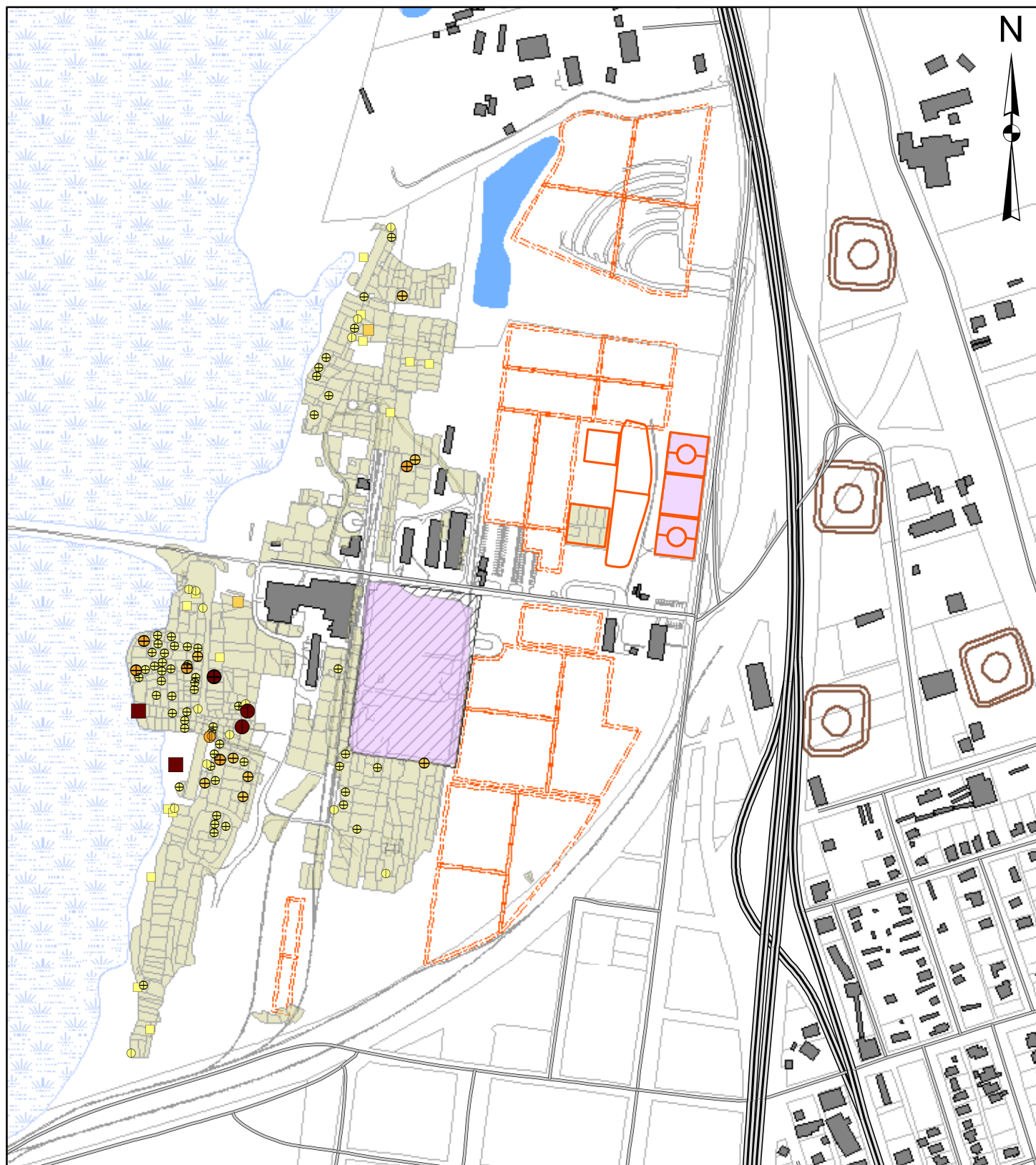
Concentration Color Scale (mg/kg)

- ND
- 1 - 5
- > 10
- < 1
- 5 - 10

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Benzo(a)anthracene (4 to 6 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

○ Composite: Post-Excavation Sidewall ○ Composite: Characterization
 ⊕ Composite: Post-Excavation Bottom □ Grab: Characterization

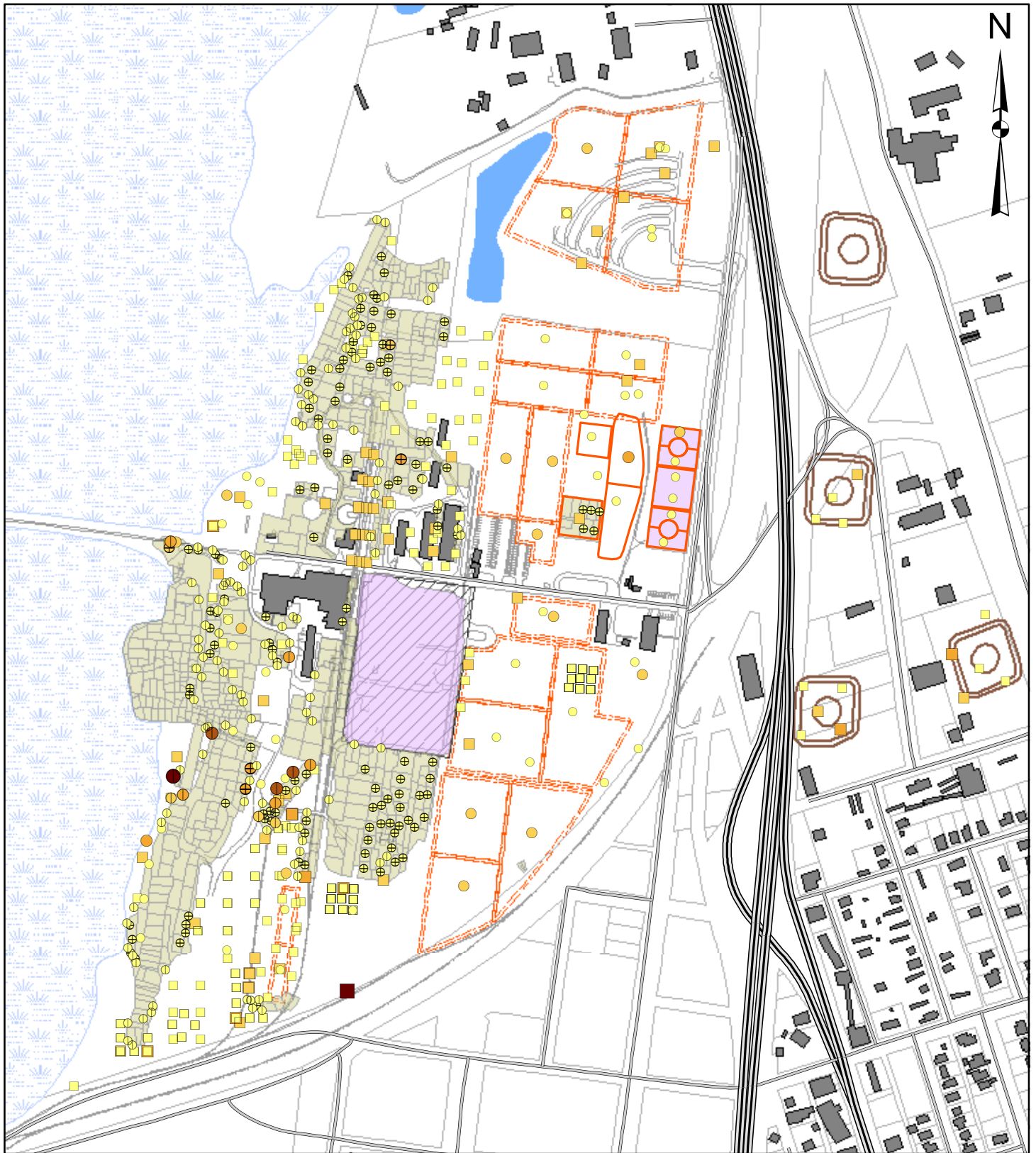
Concentration Color Scale (mg/kg)

ND 1 - 5 > 10
 < 1 5 - 10

Site Features

Former Off-site Storage Tanks
 Former Cell Building
 Existing Buildings
 Composite Area (Geosyntec)
 Composite Area (EPA/Weston)

Spatial Distribution of Benzo(a)pyrene (0 to 2 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

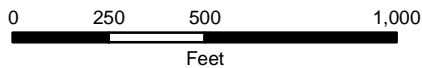
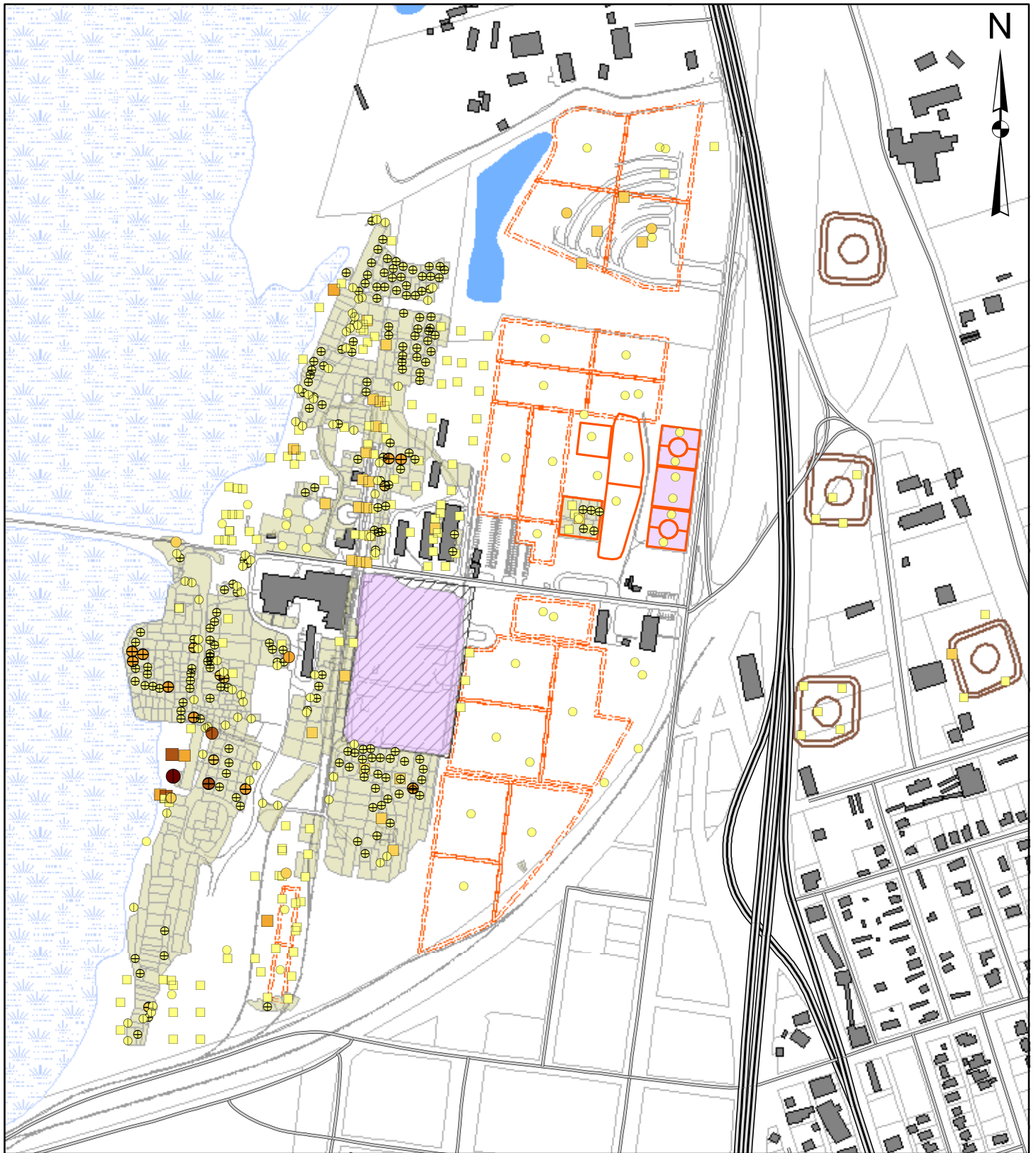
Concentration Color Scale (mg/kg)

- ND
- 1 - 5
- > 10
- < 1
- 5 - 10

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Benzo(a)pyrene (2 to 4 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

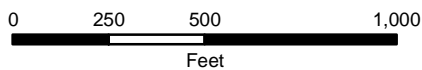
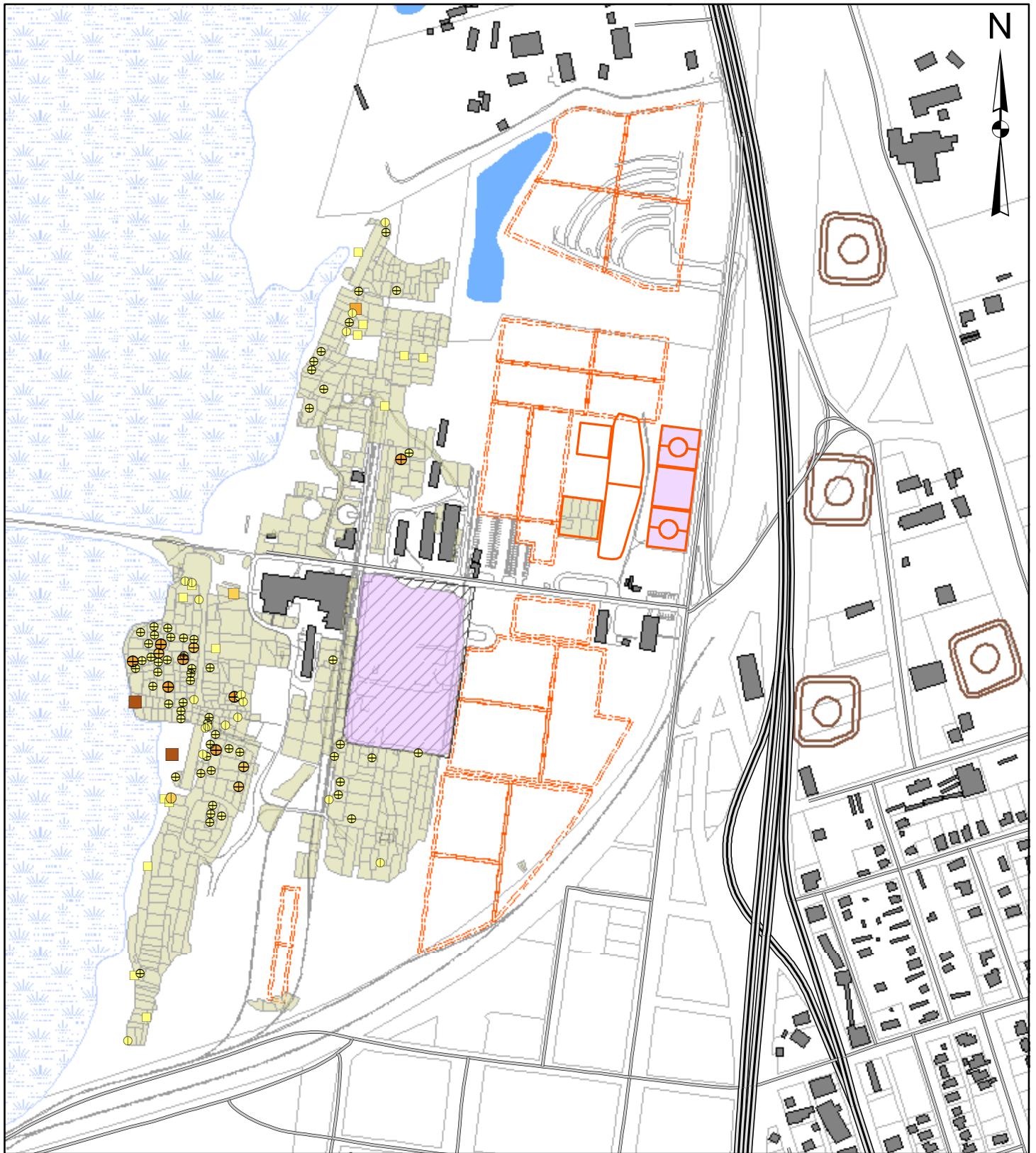
Concentration Color Scale (mg/kg)

- ND
- 1 - 5
- > 10
- < 1
- 5 - 10

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Benzo(a)pyrene (4 to 6 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

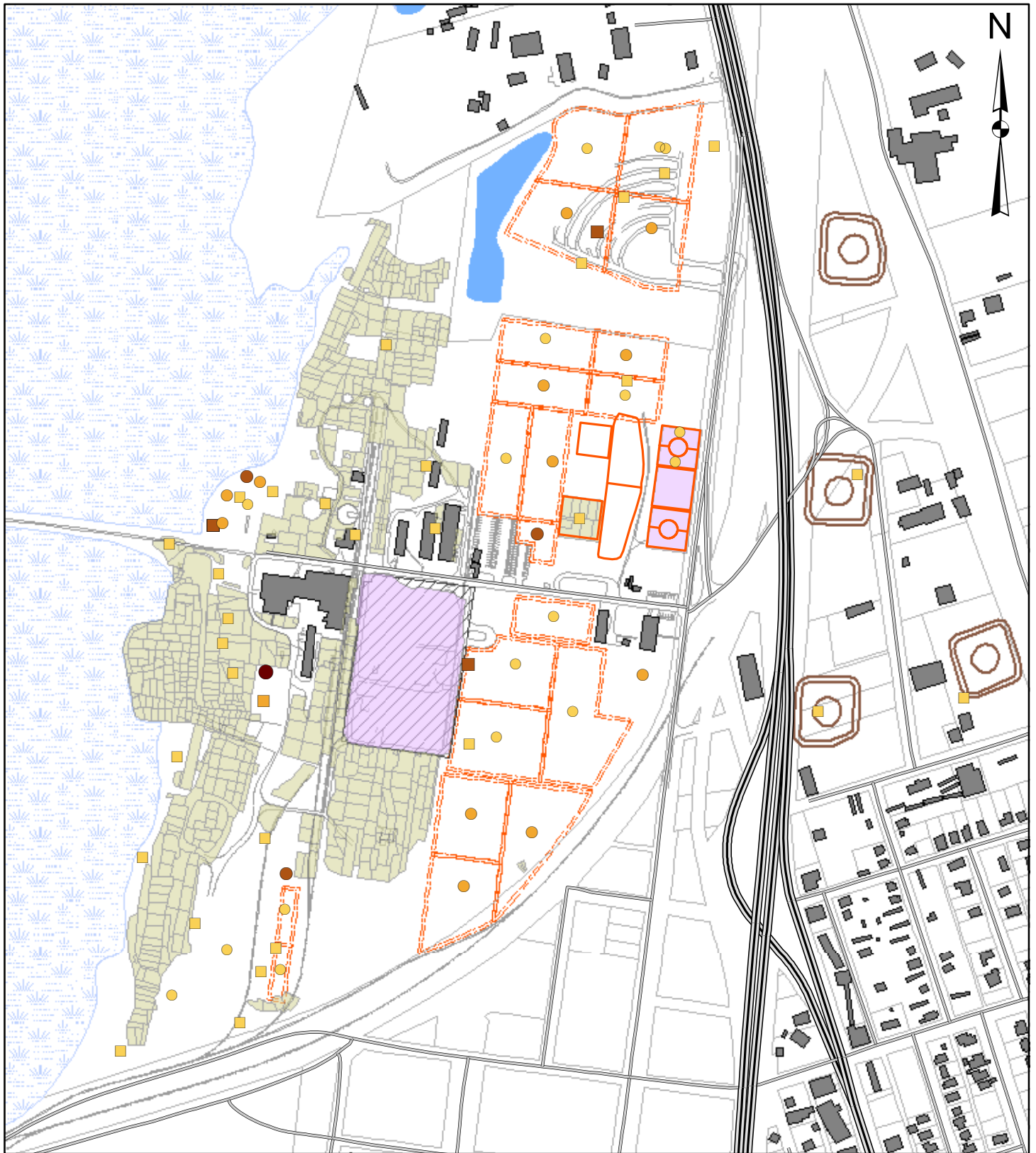
Concentration Color Scale (mg/kg)

- ND
- 1 - 5
- > 10
- < 1
- 5 - 10

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Total Chromium (0 to 2 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

⊙ Composite: Post-Excavation Sidewall ○ Composite: Characterization
⊕ Composite: Post-Excavation Bottom □ Grab: Characterization

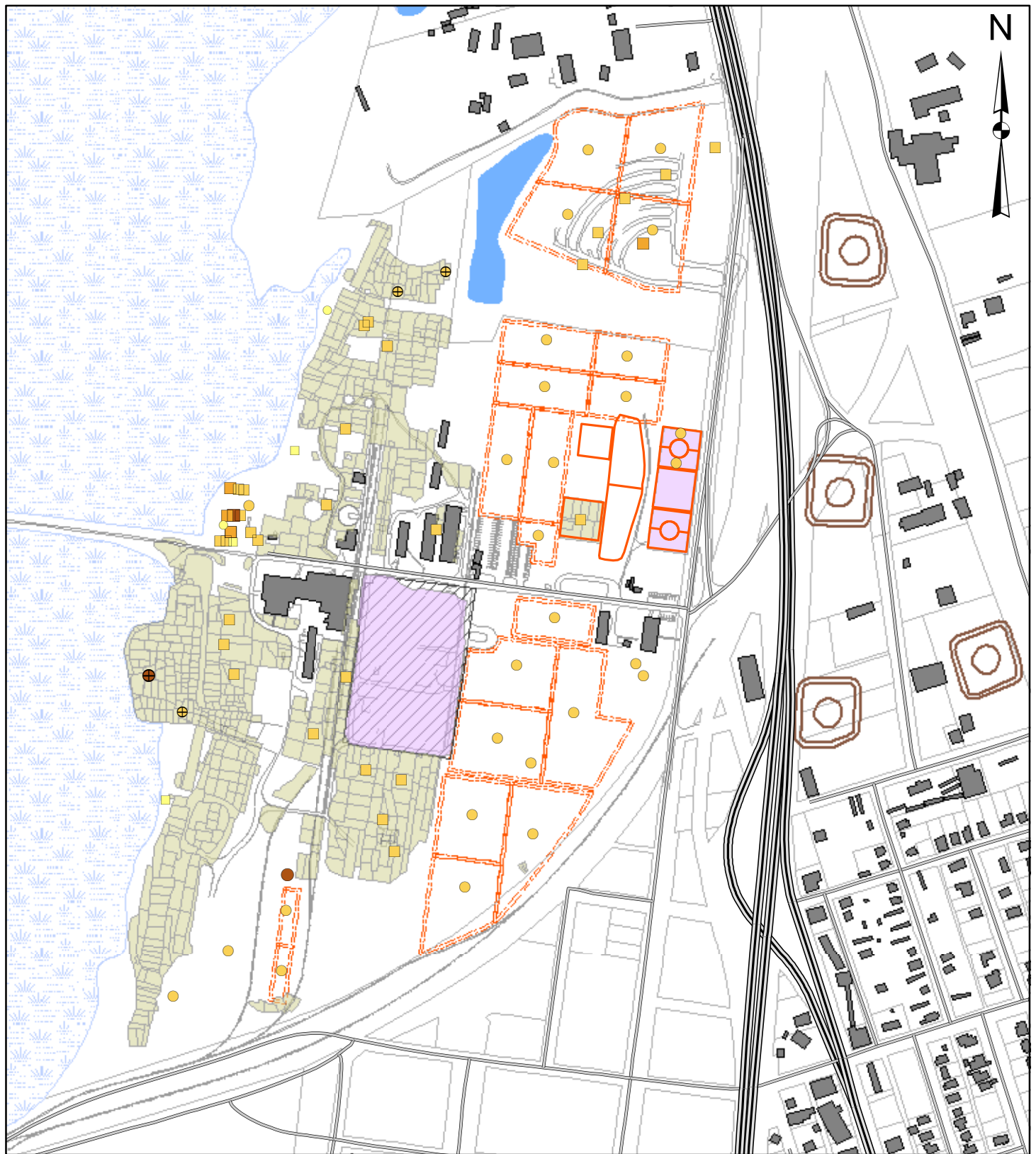
Concentration Color Scale (mg/kg)

ND 5 - 10 > 20
< 5 10 - 20

Site Features

Former Off-site Storage Tanks
Former Cell Building
Existing Buildings
Composite Area (Geosyntec)
Composite Area (EPA/Weston)

Spatial Distribution of Total Chromium (2 to 4 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

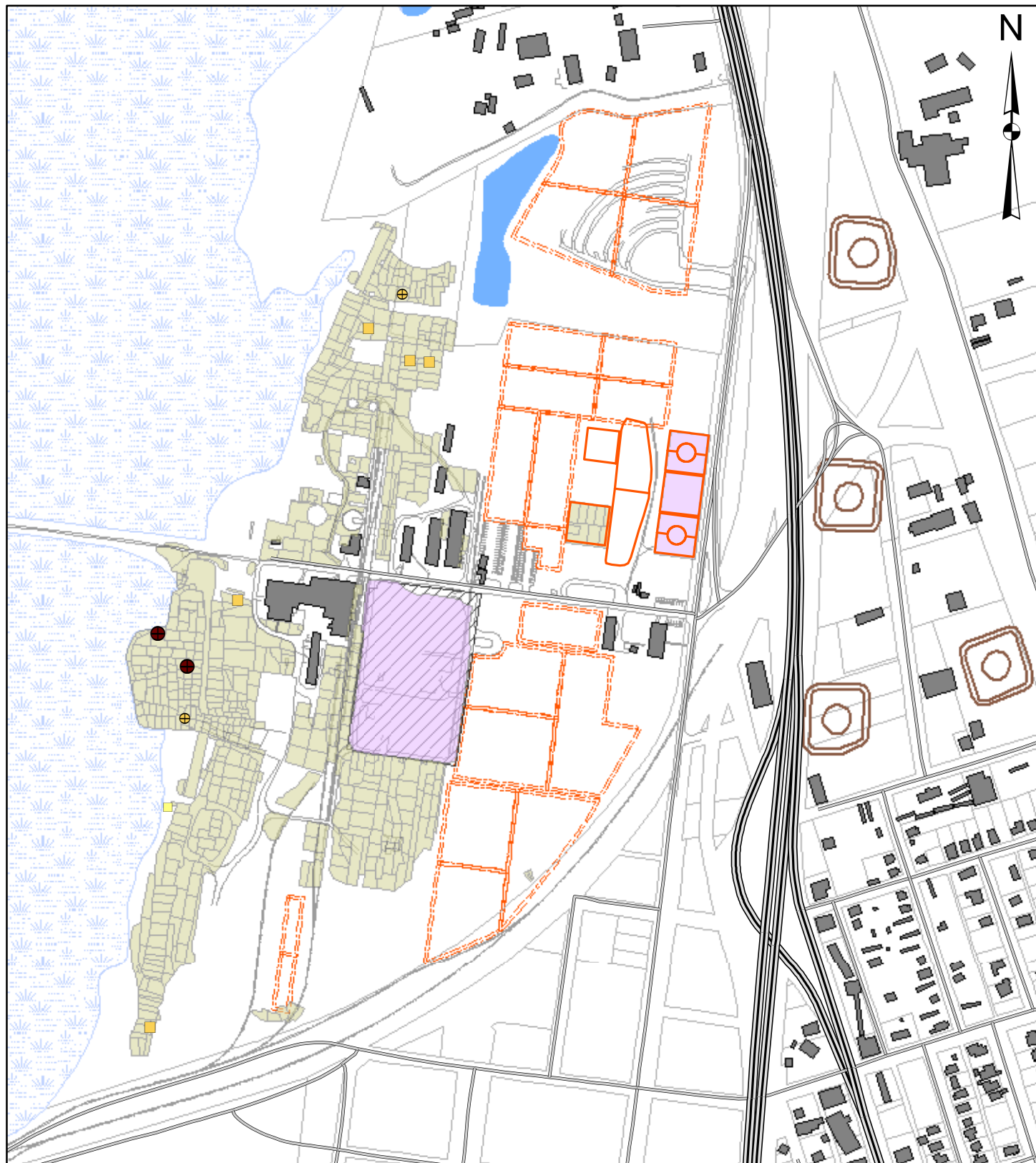
Concentration Color Scale (mg/kg)

- ND
- 5 - 10
- 10 - 20
- > 20
- < 5

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Total Chromium (4 to 6 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

⊕ Composite: Post-Excavation Sidewall ○ Composite: Characterization
⊕ Composite: Post-Excavation Bottom □ Grab: Characterization

Concentration Color Scale (mg/kg)

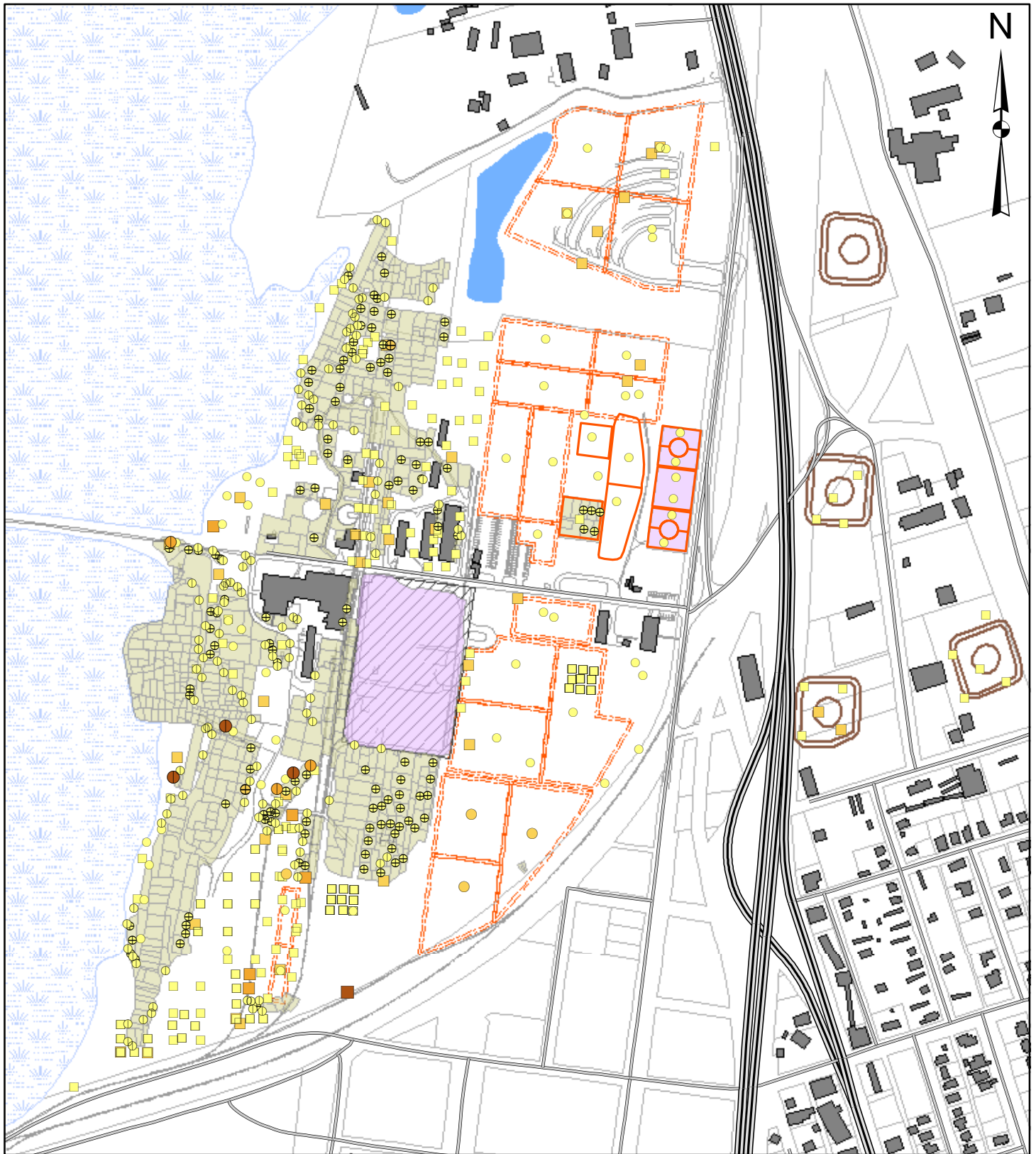
ND 5 - 10 > 20
< 5 10 - 20

Site Features

Former Off-site Storage Tanks
Former Cell Building
Existing Buildings

Composite Area (Geosyntec) Composite Area (EPA/Weston)

Spatial Distribution of Dibenzo(a,h)anthracene (0 to 2 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

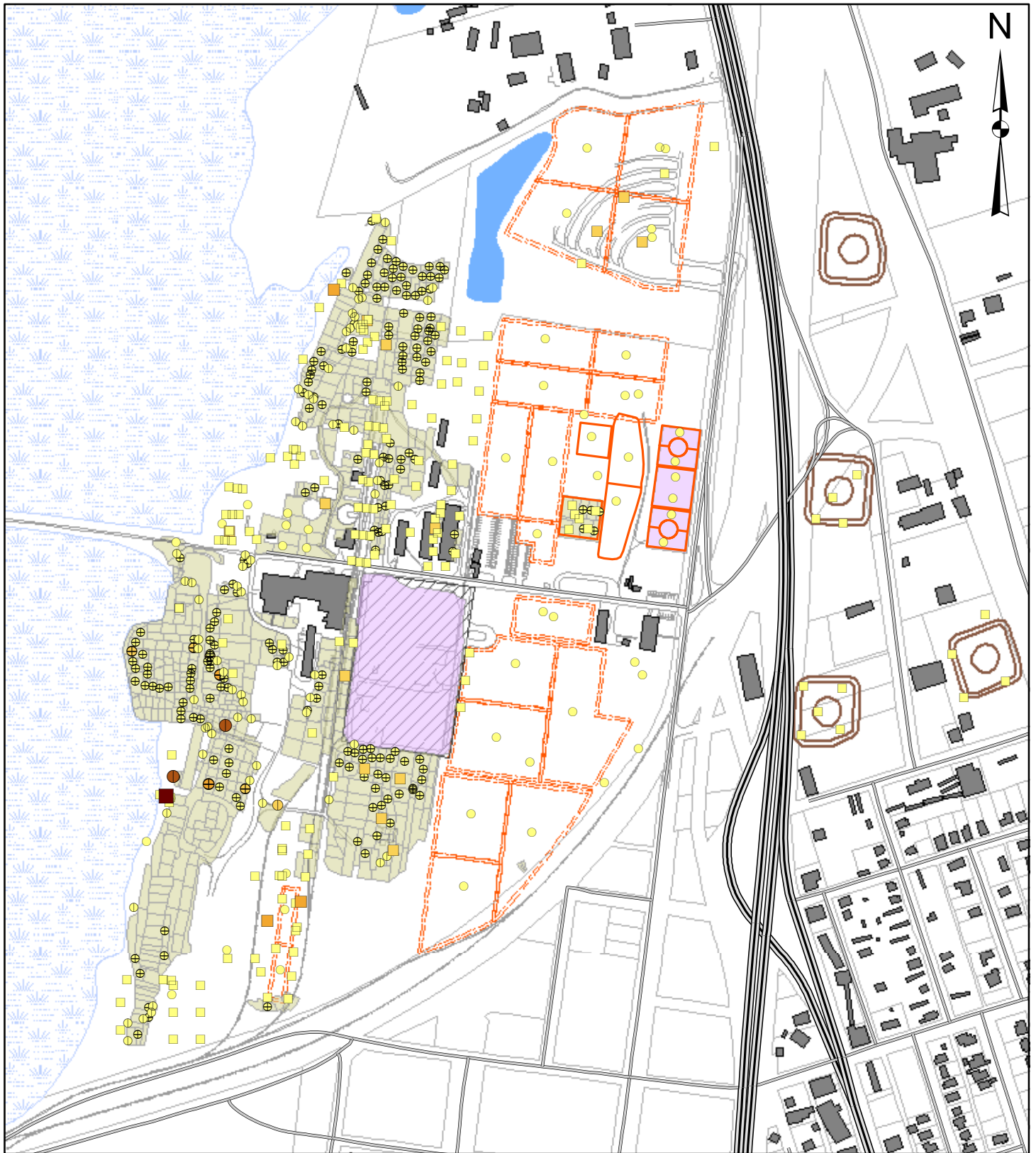
Concentration Color Scale (mg/kg)

- ND
- 1 - 5
- > 10
- < 1
- 5 - 10

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Dibenzo(a,h)anthracene (2 to 4 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

⊕ Composite: Post-Excavation Sidewall ⊙ Composite: Characterization
⊕ Composite: Post-Excavation Bottom □ Grab: Characterization

Concentration Color Scale (mg/kg)

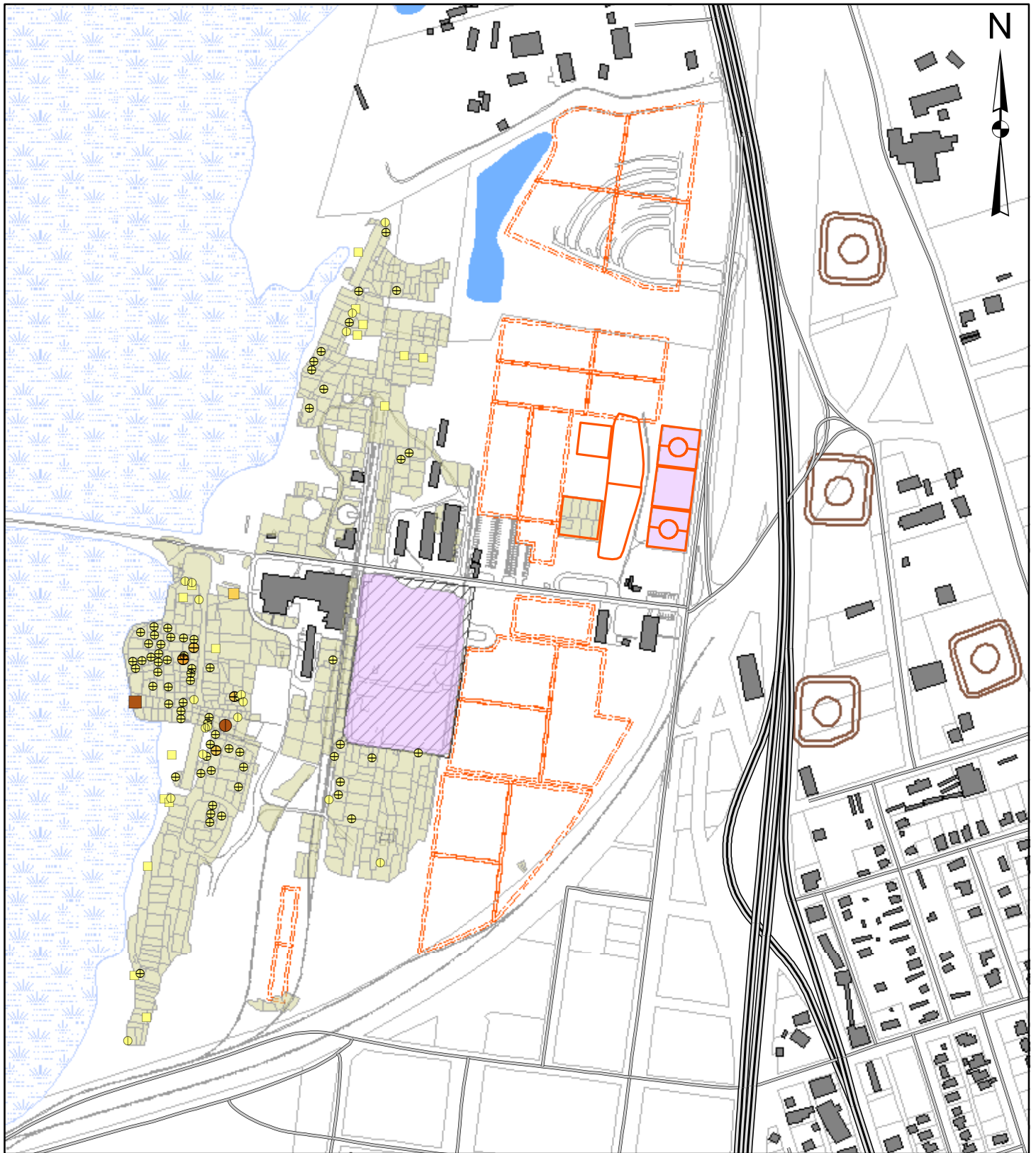
ND 1 - 5 > 10
< 1 5 - 10

Site Features

Former Off-site Storage Tanks
Former Cell Building
Existing Buildings

Composite Area (Geosyntec) Composite Area (EPA/Weston)

Spatial Distribution of Dibenzo(a,h)anthracene (4 to 6 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

⊕ Composite: Post-Excavation Sidewall ○ Composite: Characterization
⊕ Composite: Post-Excavation Bottom □ Grab: Characterization

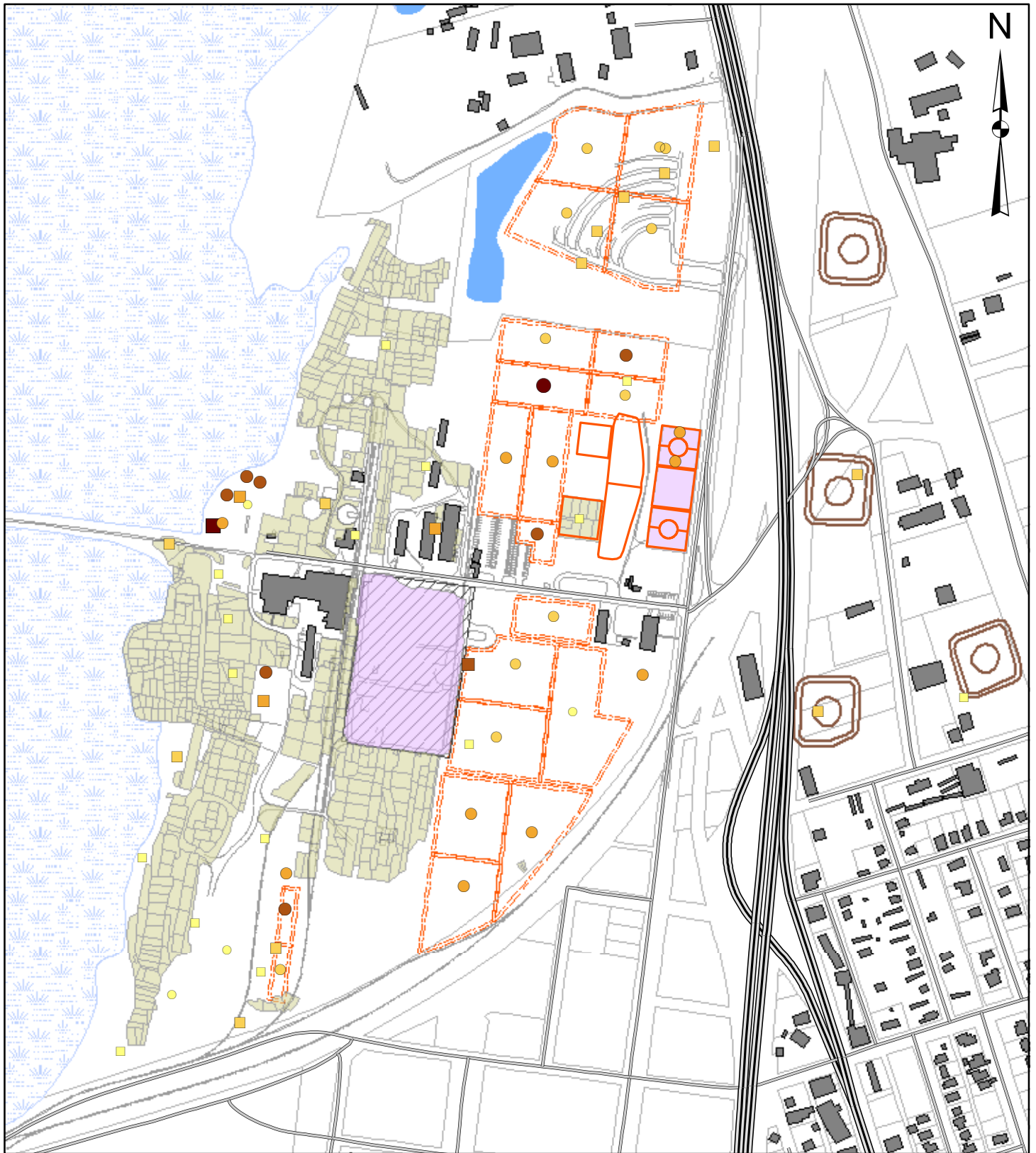
Concentration Color Scale (mg/kg)

ND 1 - 5 > 10
< 1 5 - 10

Site Features

Former Off-site Storage Tanks
Former Cell Building
Existing Buildings
Composite Area (Geosyntec)
Composite Area (EPA/Weston)

Spatial Distribution of Iron (0 to 2 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- ⊕ Composite: Post-Excavation Bottom
- Composite: Characterization
- Grab: Characterization

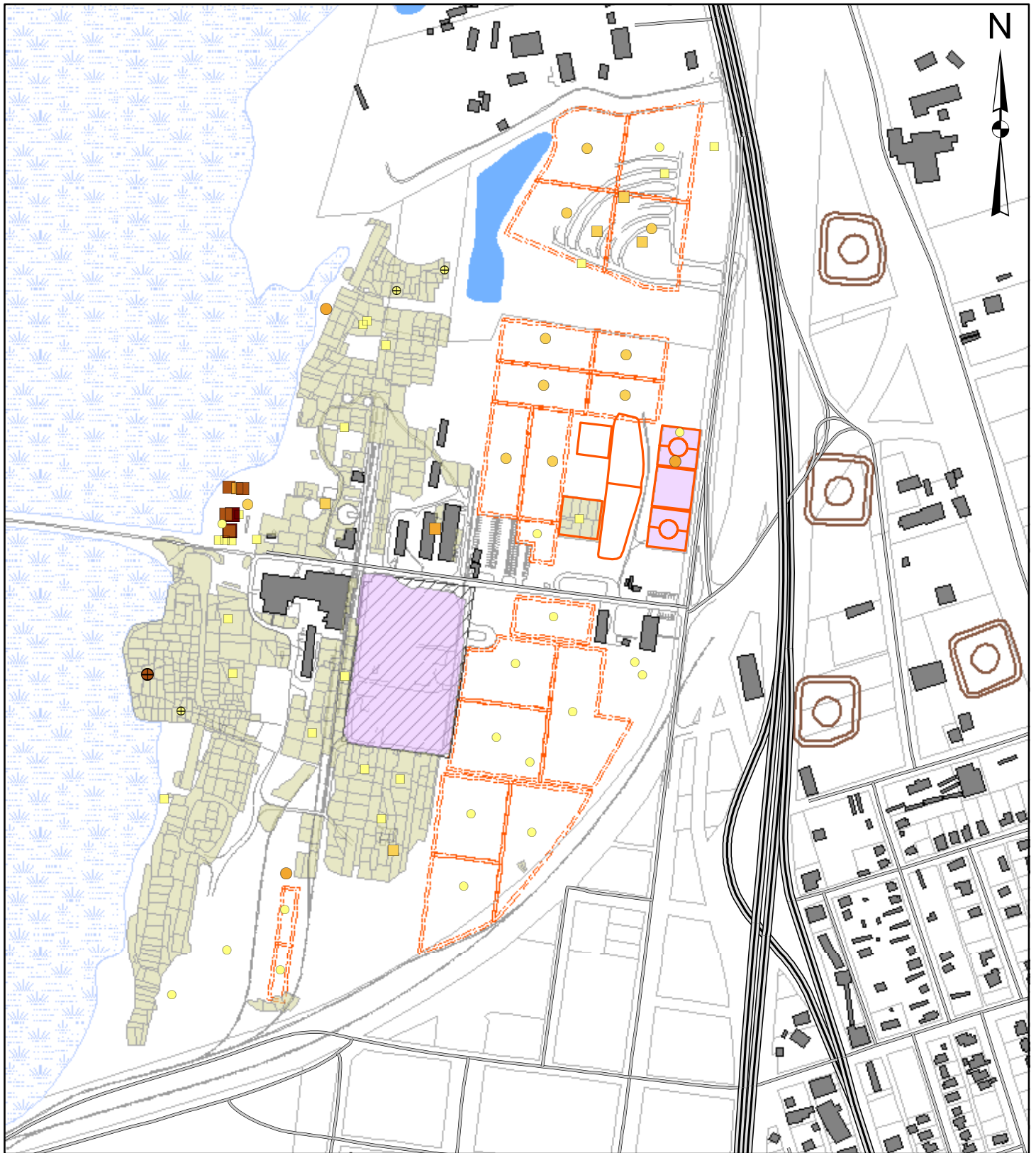
Concentration Color Scale (mg/kg)

- | | | |
|--|---|--|
| < 1500 | 3000 - 7500 | > 15000 |
| 1500 - 3000 | 7500 - 15000 | |

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Iron (2 to 4 ft bgs)



0 250 500 1,000
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Sample Type: Purpose

⊕ Composite: Post-Excavation Sidewall ○ Composite: Characterization
⊕ Composite: Post-Excavation Bottom □ Grab: Characterization

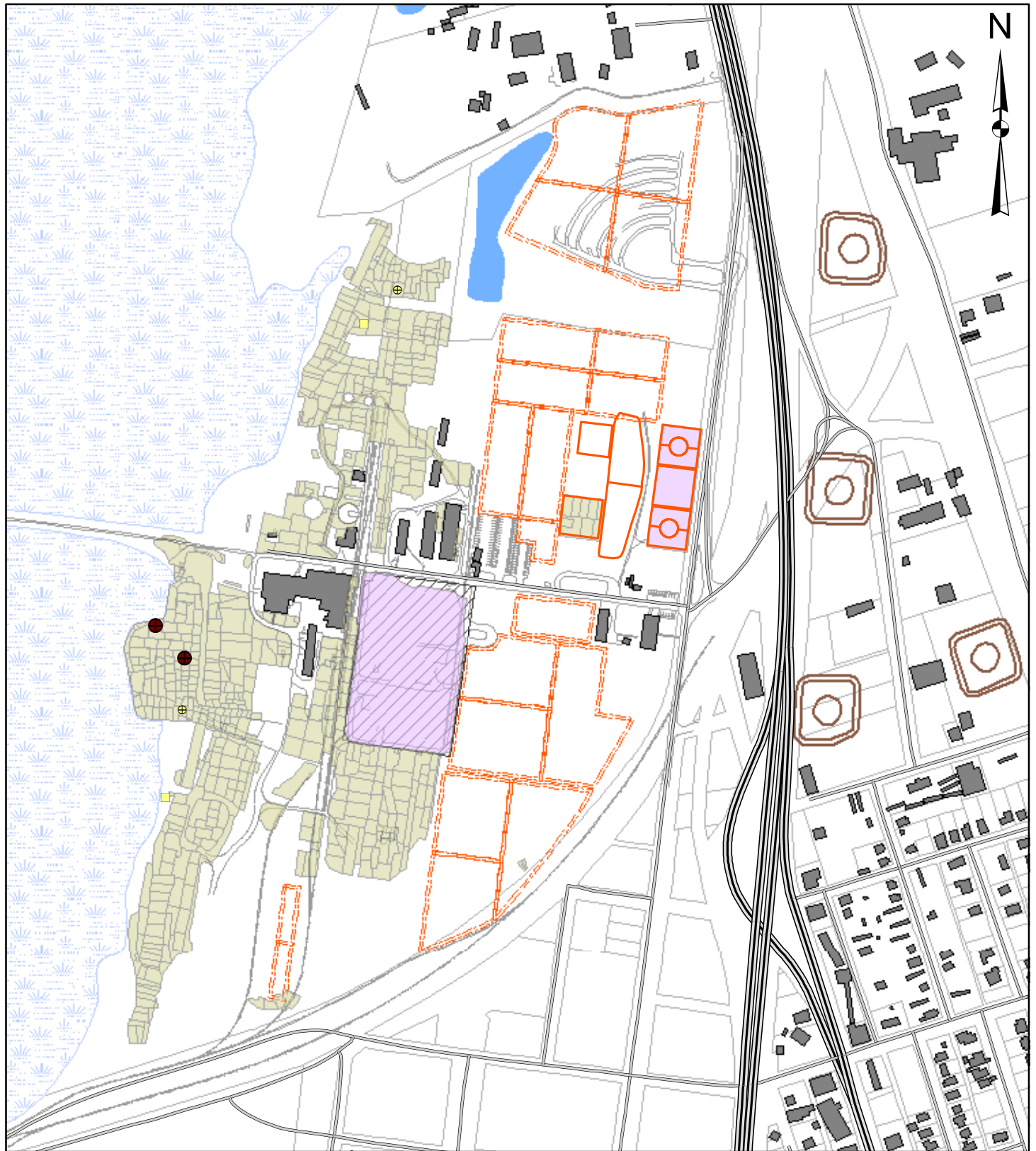
Concentration Color Scale (mg/kg)

< 1500 3000 - 7500 > 15000
1500 - 3000 7500 - 15000

Site Features

Former Off-site Storage Tanks
Former Cell Building
Existing Buildings
Composite Area (Geosyntec)
Composite Area (EPA/Weston)

Spatial Distribution of Iron (4 to 6 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Post-Excavation Bottom
- Composite: Characterization
- Grab: Characterization

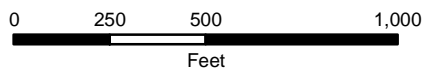
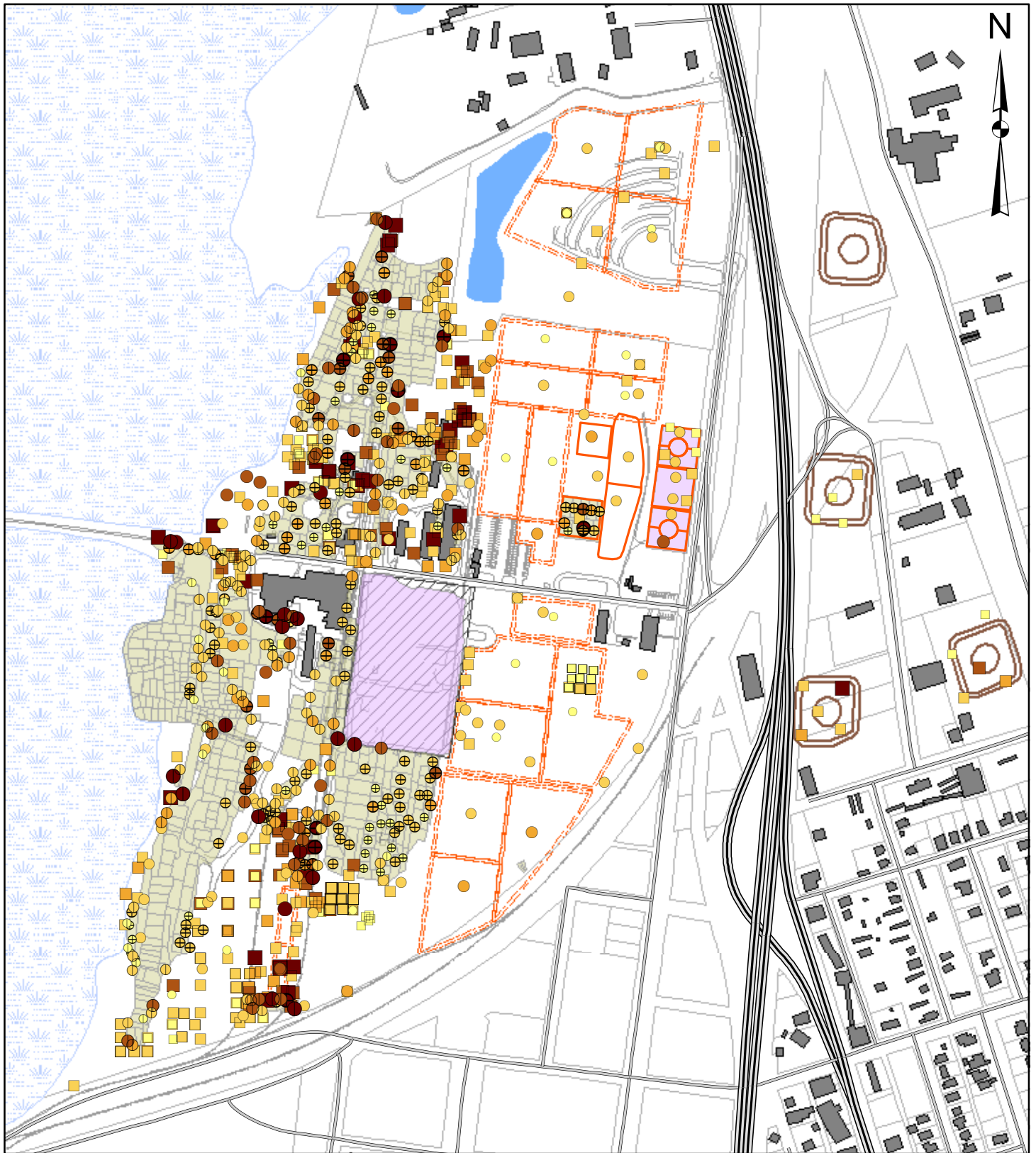
Concentration Color Scale (mg/kg)

- < 1500
- 1500 - 3000
- 3000 - 7500
- 7500 - 15000
- > 15000

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Lead (0 to 2 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

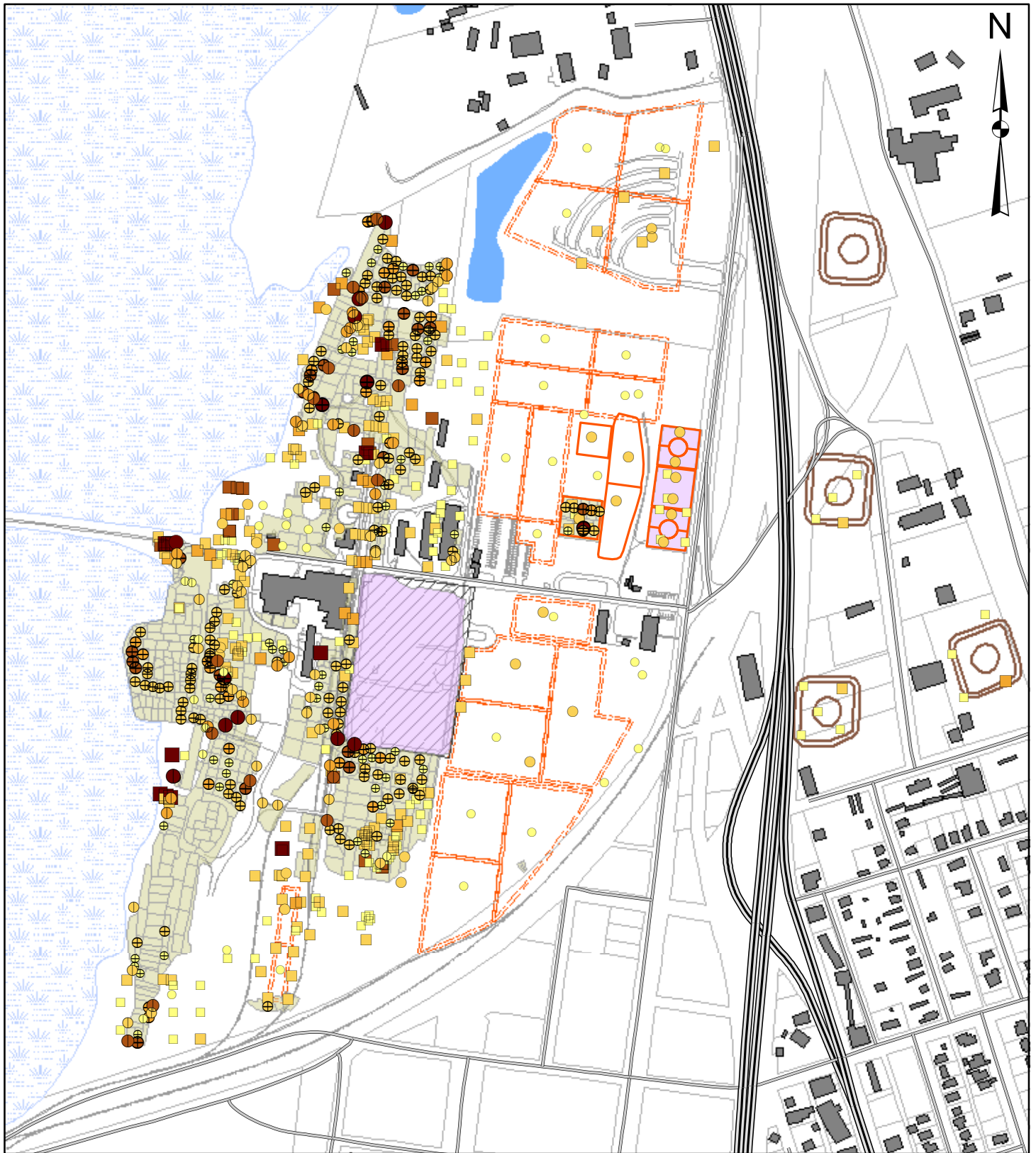
Concentration Color Scale (mg/kg)

- | | | |
|--|--|--|
| ND | 100 - 200 | > 400 |
| < 100 | 200 - 400 | |

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Lead (2 to 4 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

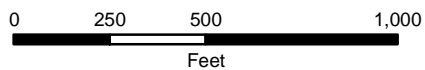
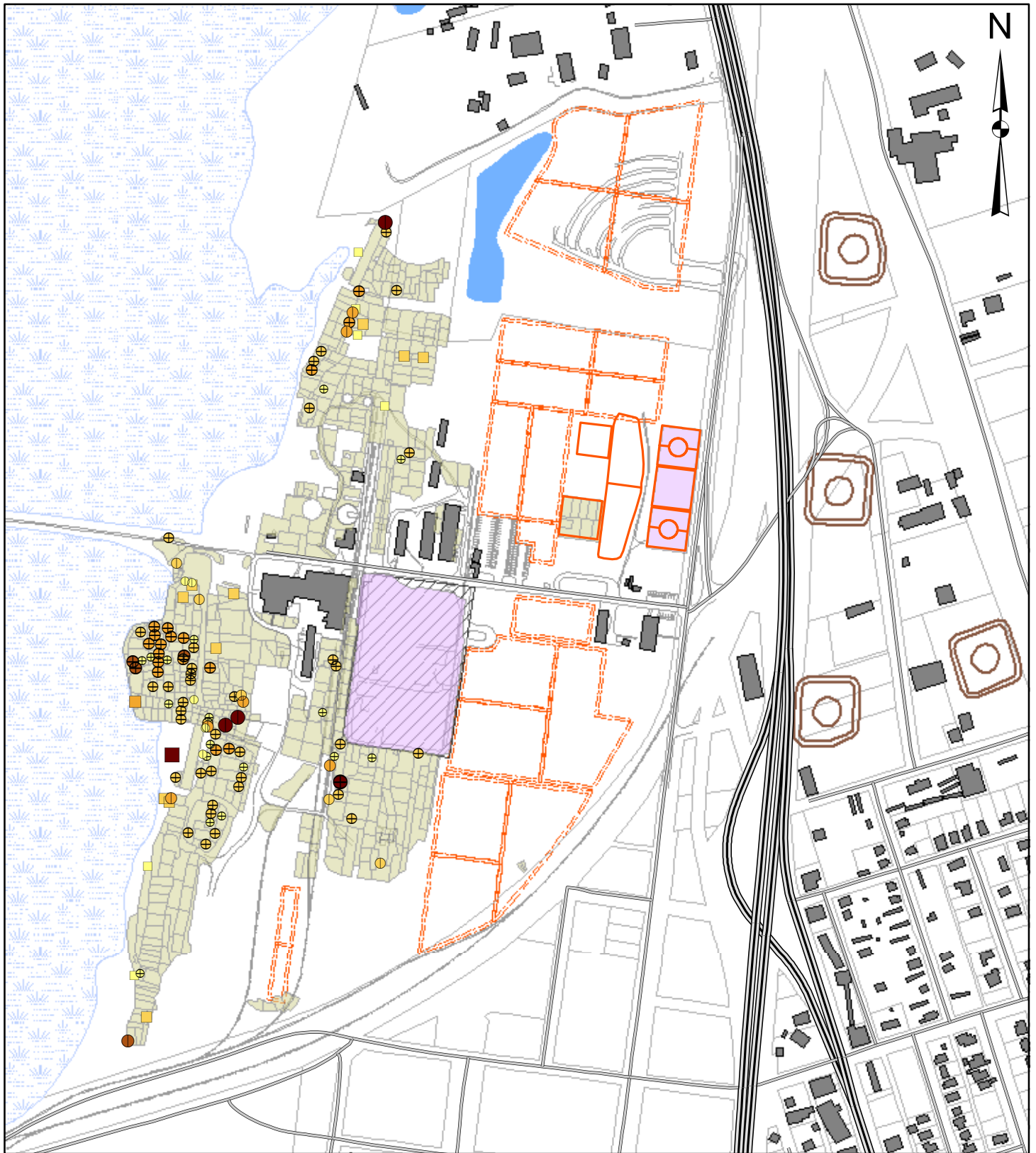
Concentration Color Scale (mg/kg)

- | | | |
|--|--|--|
| ND | 100 - 200 | > 400 |
| < 100 | 200 - 400 | |

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Lead (4 to 6 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Post-Excavation Bottom
- Composite: Characterization
- Grab: Characterization

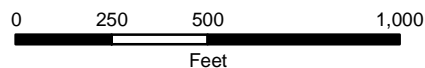
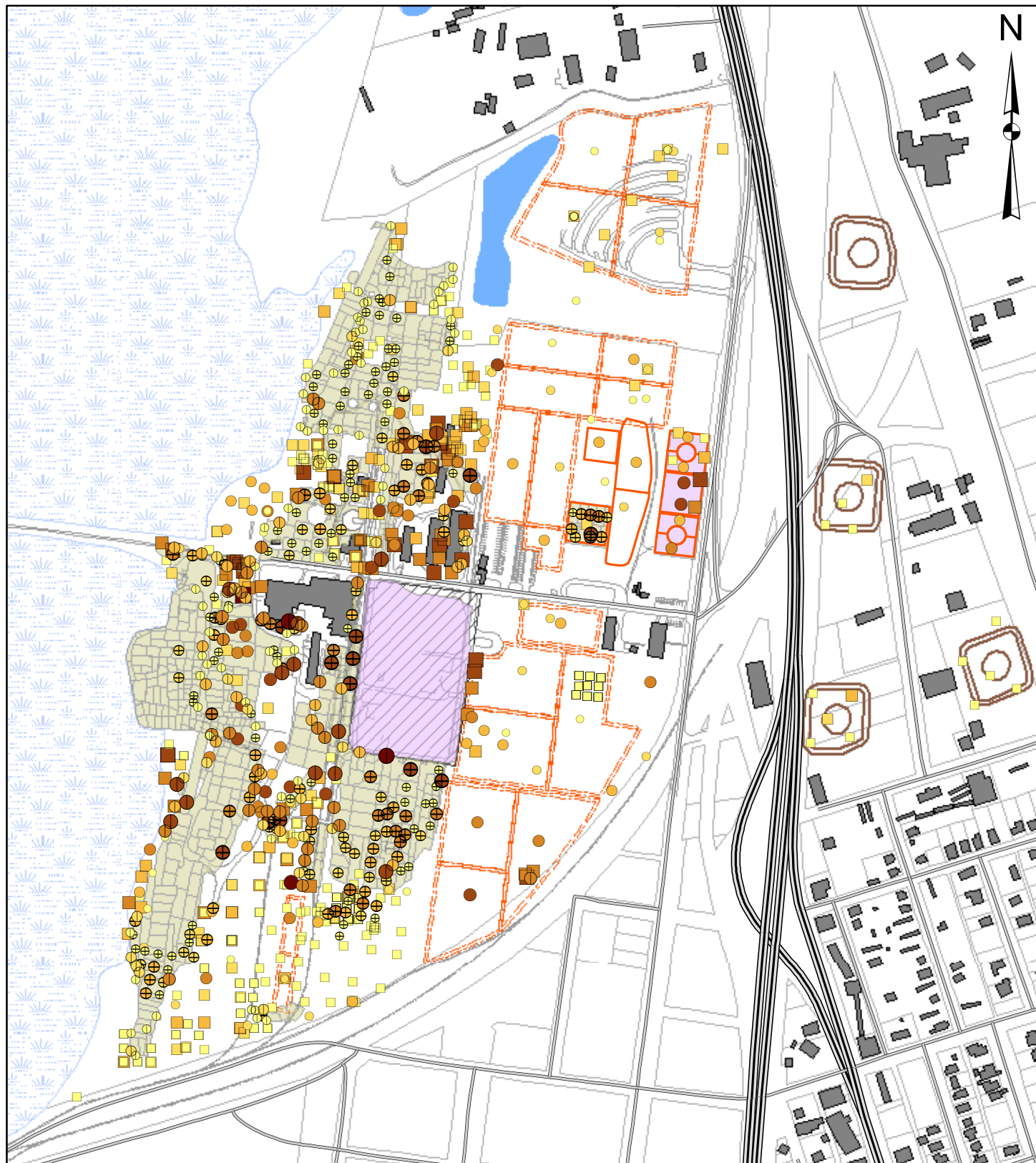
Concentration Color Scale (mg/kg)

- ND
- < 100
- 100 - 200
- 200 - 400
- > 400

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Mercury (0 to 2 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Post-Excavation Bottom
- Composite: Characterization
- Grab: Characterization

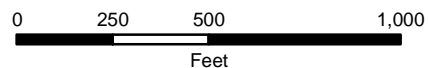
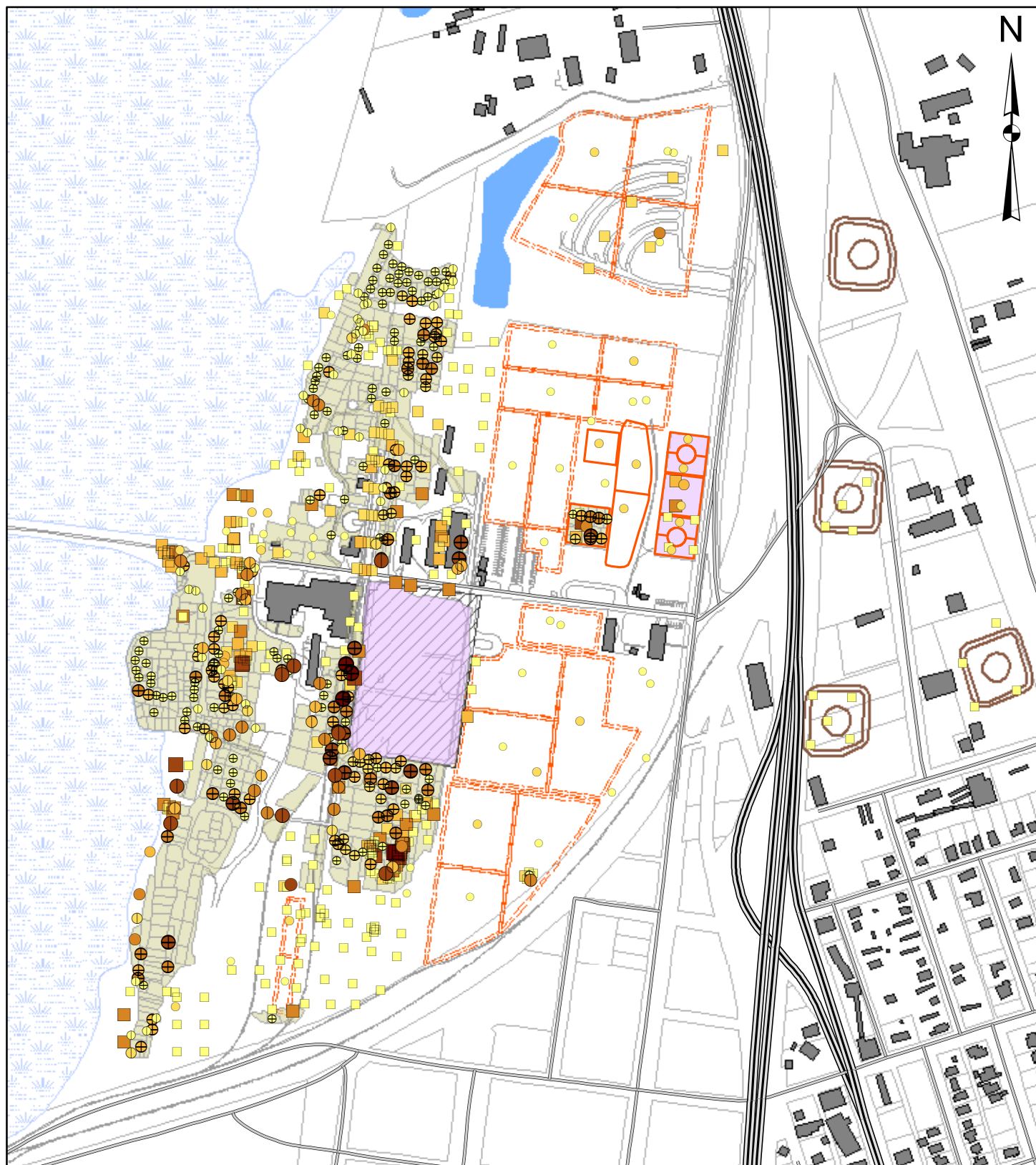
Concentration Color Scale (mg/kg)

- ND
- < 1
- 3 - 10
- 1 - 3
- 10 - 50
- > 50

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Mercury (2 to 4 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

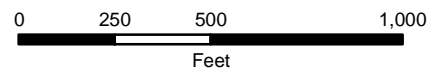
Concentration Color Scale (mg/kg)

- | | | | | | |
|--|-----|--|--------|--|---------|
| | ND | | 3 - 10 | | 10 - 50 |
| | < 1 | | 1 - 3 | | > 50 |

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Mercury (4 to 6 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

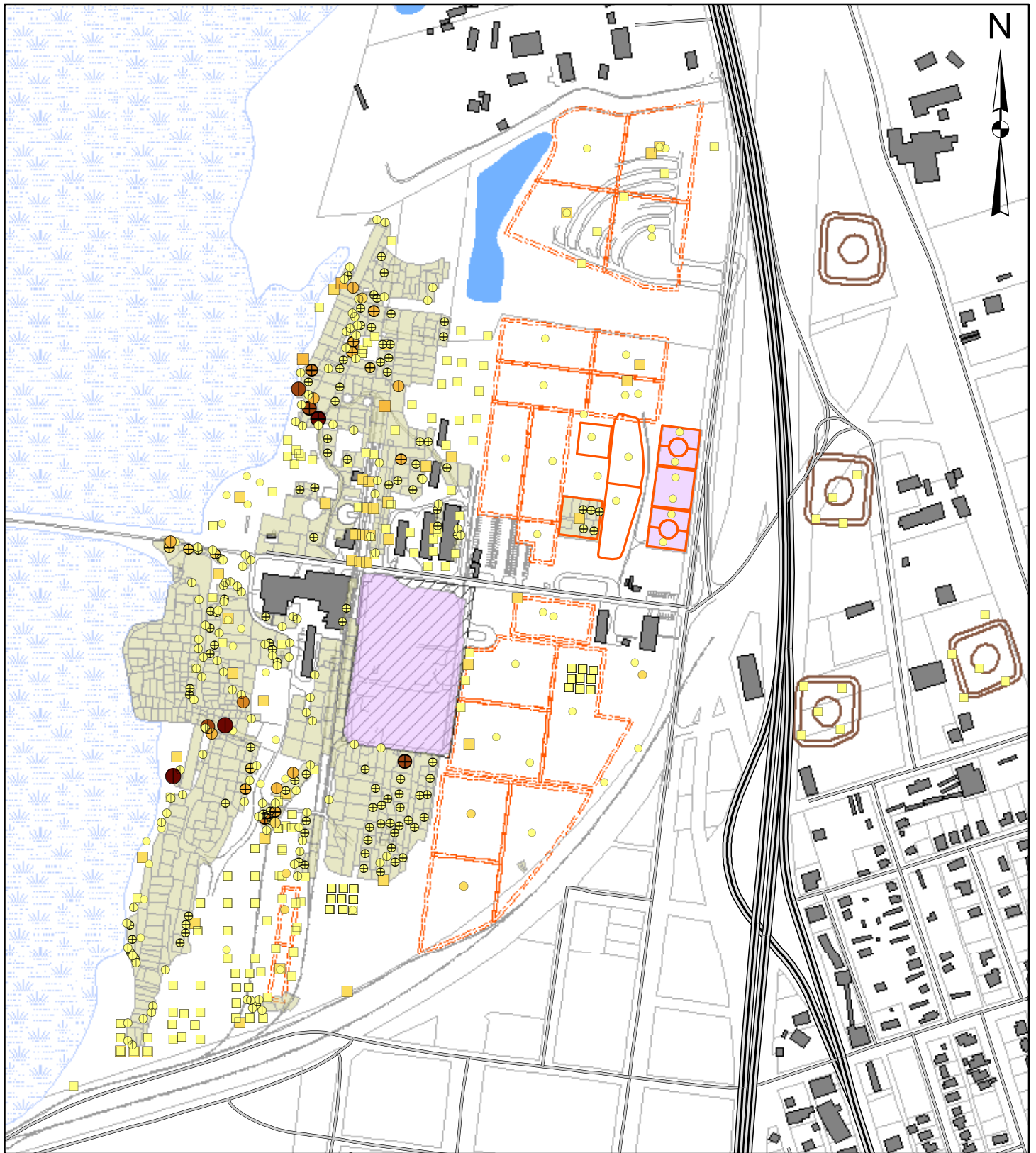
Concentration Color Scale (mg/kg)

- | | | |
|--|---|--|
| ND | 3 - 10 | 10 - 50 |
| < 1 | 1 - 3 | > 50 |

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Naphthalene (0 to 2 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Post-Excavation Bottom
- Composite: Characterization
- Grab: Characterization

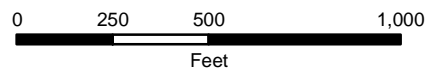
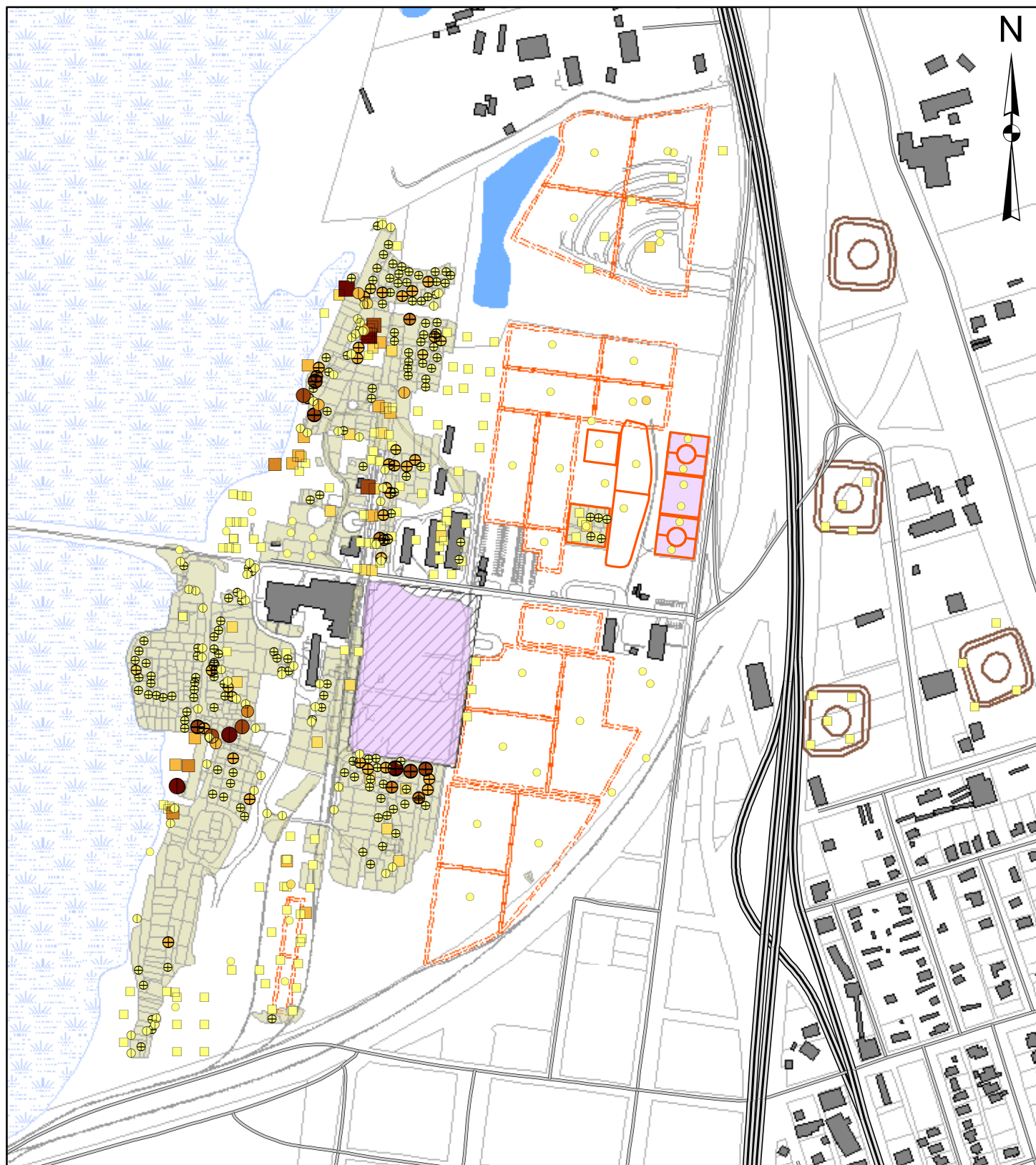
Concentration Color Scale (mg/kg)

- | | | |
|-----|---------|---------|
| ND | 1 - 10 | 20 - 50 |
| < 1 | 10 - 20 | > 50 |

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Naphthalene (2 to 4 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

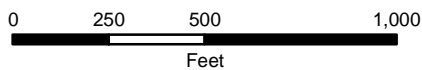
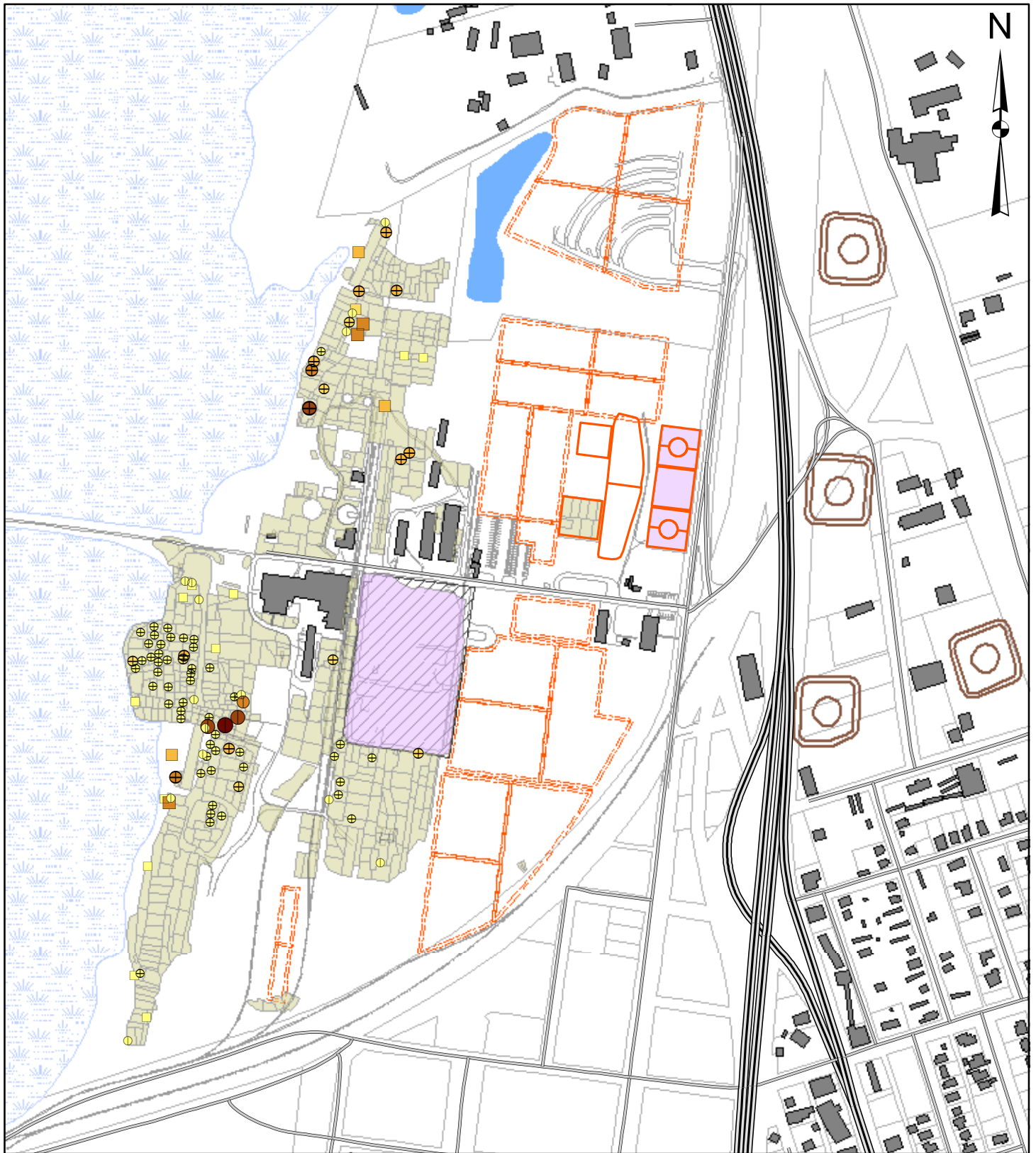
Concentration Color Scale (mg/kg)

- | | | | | | |
|--|-----|--|---------|--|---------|
| | ND | | 1 - 10 | | 20 - 50 |
| | < 1 | | 10 - 20 | | > 50 |

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Spatial Distribution of Naphthalene (4 to 6 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

Sample Type: Purpose

- Composite: Post-Excavation Sidewall
- Composite: Characterization
- Composite: Post-Excavation Bottom
- Grab: Characterization

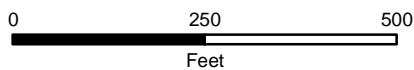
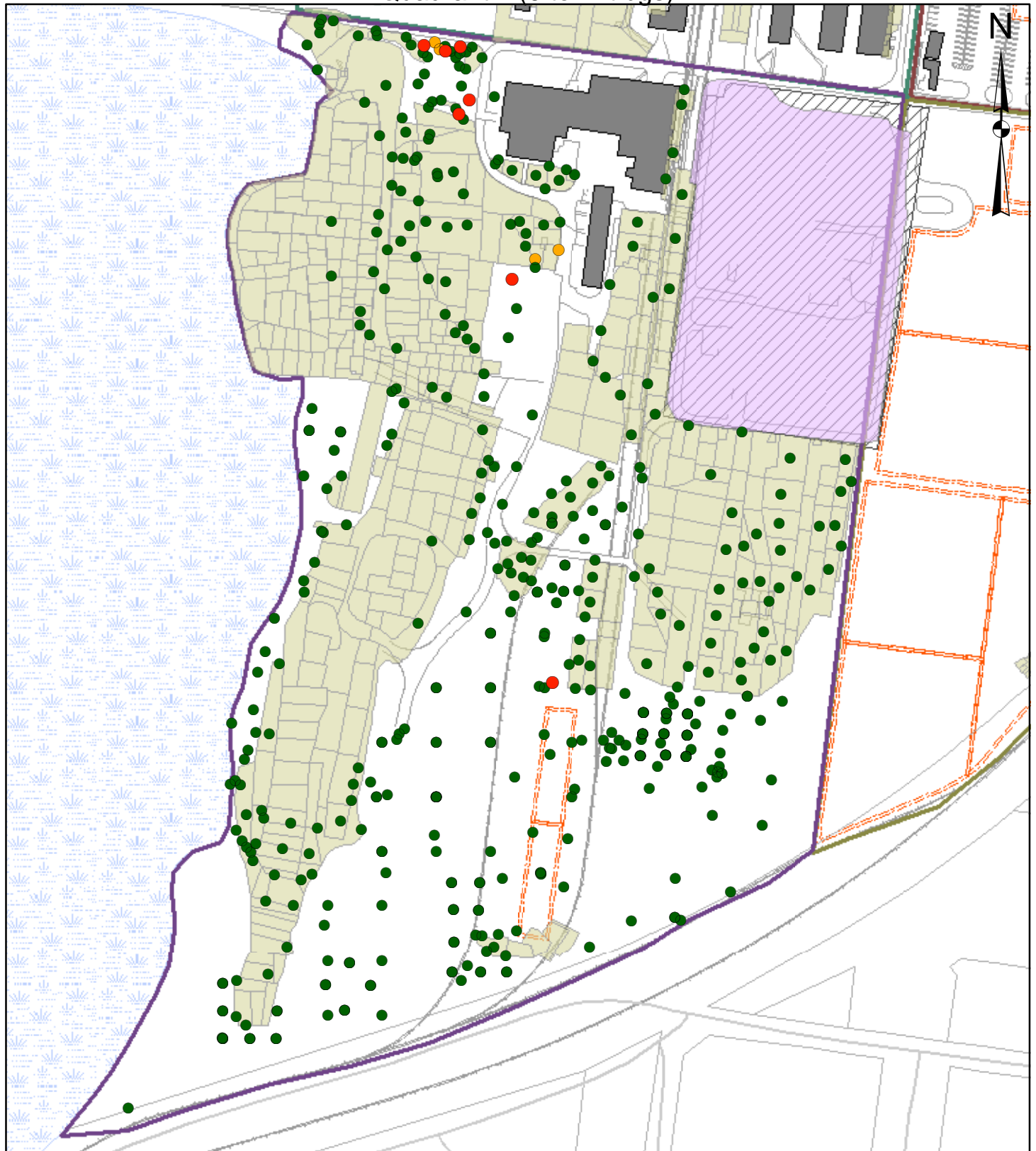
Concentration Color Scale (mg/kg)

- | | | | | | |
|--|-----|--|---------|--|---------|
| | ND | | 1 - 10 | | 20 - 50 |
| | < 1 | | 10 - 20 | | > 50 |

Site Features

- Former Off-site Storage Tanks
- Former Cell Building
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Comparison of Soil Aroclor-1260 to Excavation Worker Remedial Goal Options Quadrant 4 (0 to 2 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

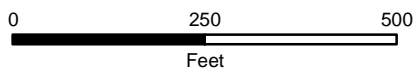
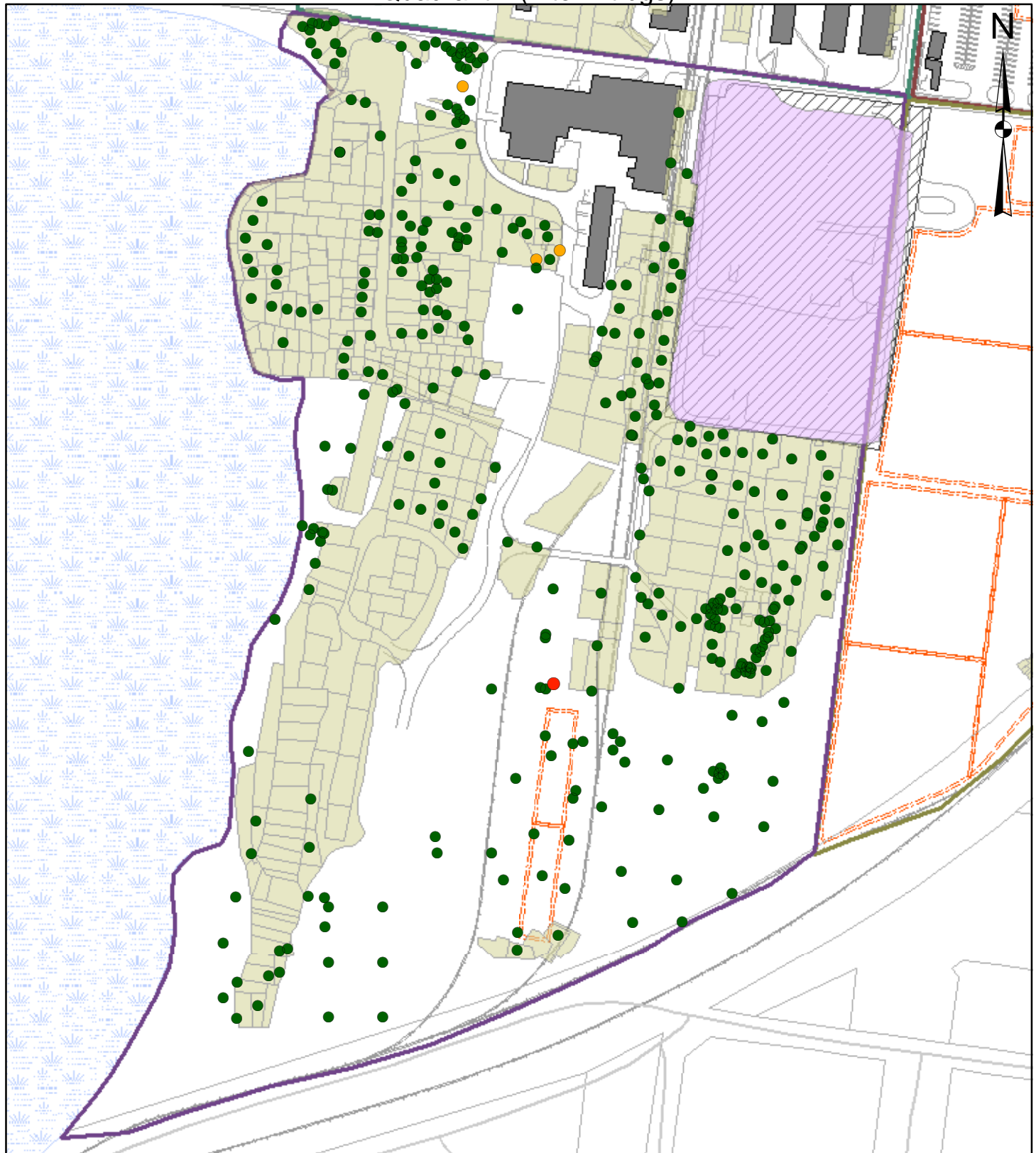
Comparison of Point Concentration to RGOs

- < HQ=1 (4.19 mg/kg)
- 1 < HQ < 3 (4.19 to 12.57 mg/kg)
- > HQ=3 (12.57 mg/kg)

Site Features and Areas

- Quadrant 1
- Former Off-site Storage Tanks
- Composite Area (Geosyntec)
- Quadrant 2
- Former Cell Building Soil Cap
- Composite Area (EPA/Weston)
- Quadrant 3
- Existing Buildings
- Quadrant 4

Comparison of Soil Aroclor-1260 to Excavation Worker Remedial Goal Options Quadrant 4 (2 to 4 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

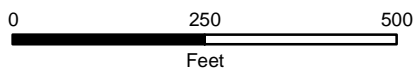
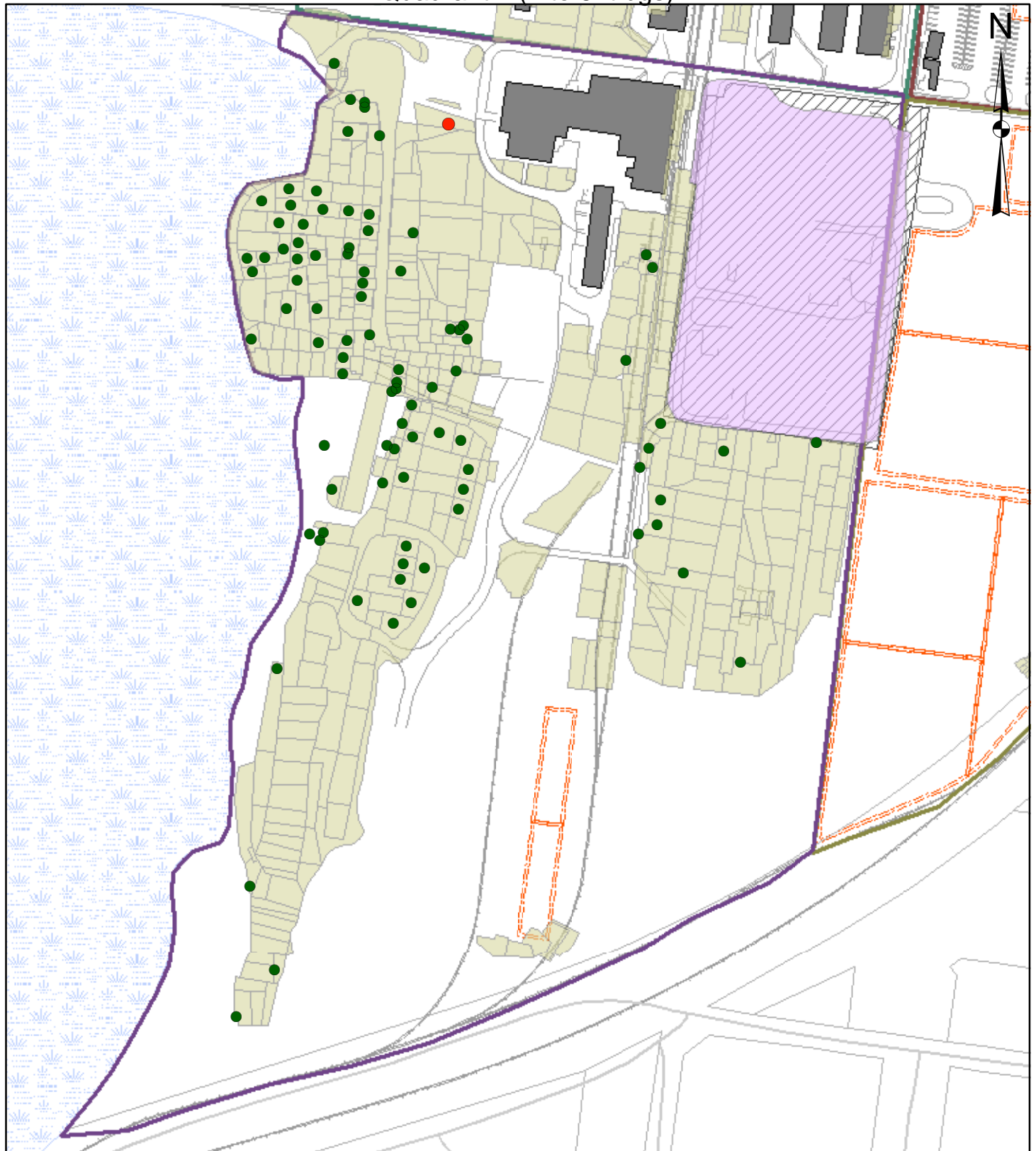
Comparison of Point Concentration to RGOs

- < HQ=1 (4.19 mg/kg)
- 1 < HQ < 3 (4.19 to 12.57 mg/kg)
- > HQ=3 (12.57 mg/kg)

Site Features and Areas

- | | | |
|--|--|---|
| <ul style="list-style-type: none"> Quadrant 1 Quadrant 2 Quadrant 3 Quadrant 4 | <ul style="list-style-type: none"> Former Off-site Storage Tanks Former Cell Building Soil Cap Existing Buildings | <ul style="list-style-type: none"> Composite Area (Geosyntec) Composite Area (EPA/Weston) |
|--|--|---|

Comparison of Soil Aroclor-1260 to Excavation Worker Remedial Goal Options Quadrant 4 (4 to 6 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

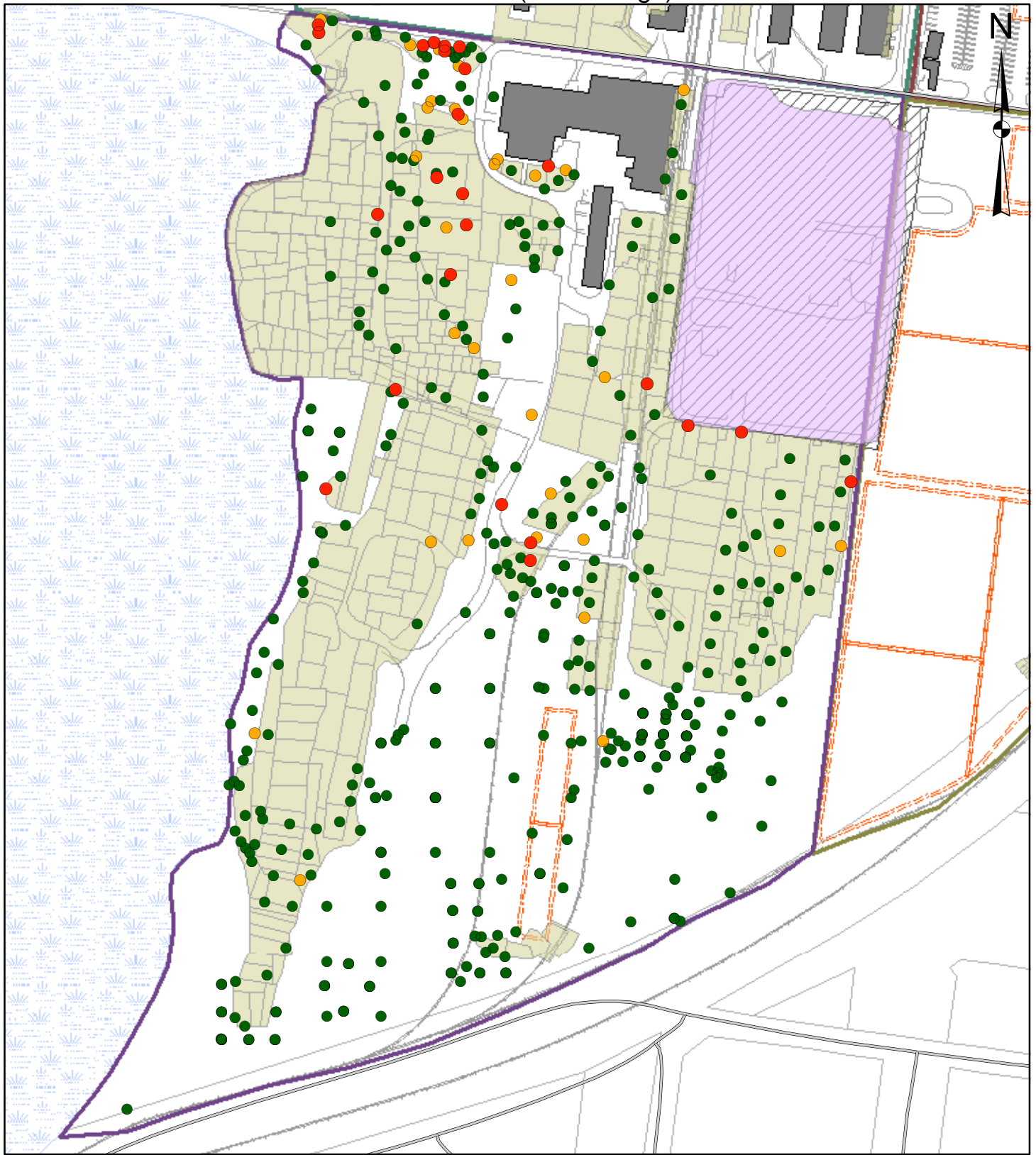
Comparison of Point Concentration to RGOs

- < HQ=1 (4.19 mg/kg)
- 1 < HQ < 3 (4.19 to 12.57 mg/kg)
- > HQ=3 (12.57 mg/kg)

Site Features and Areas

- | | | |
|--|--|---|
| <ul style="list-style-type: none"> Quadrant 1 Quadrant 2 Quadrant 3 Quadrant 4 | <ul style="list-style-type: none"> Former Off-site Storage Tanks Former Cell Building Soil Cap Existing Buildings | <ul style="list-style-type: none"> Composite Area (Geosyntec) Composite Area (EPA/Weston) |
|--|--|---|

Comparison of Soil Aroclor-1268 to Excavation Worker Remedial Goal Options Quadrant 4 (0 to 2 ft bgs)



0 250 500
Feet

Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

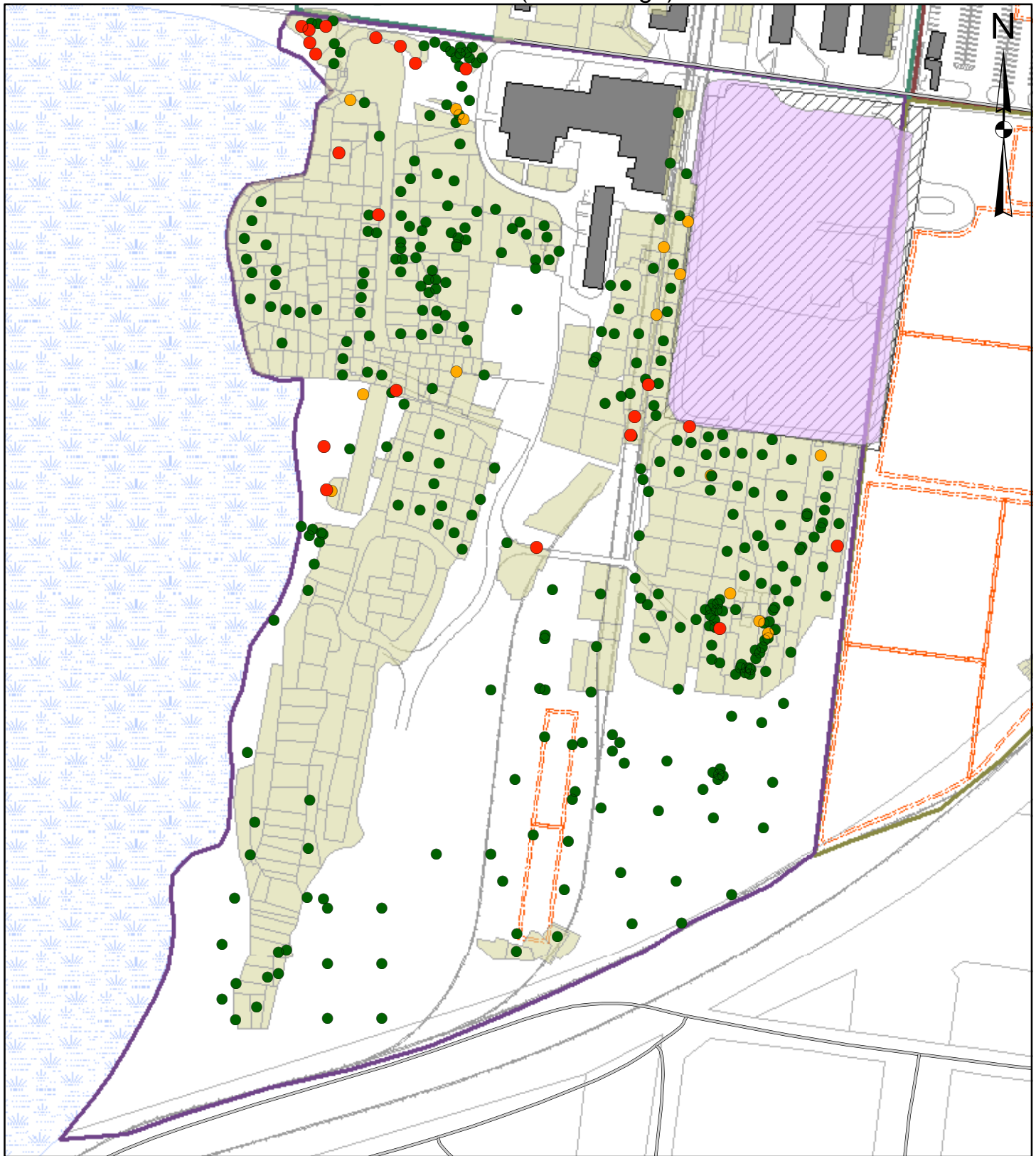
Comparison of Point Concentration to RGOs

- < HQ=1 (4.19 mg/kg)
- 1 < HQ < 3 (4.19 to 12.57 mg/kg)
- > HQ=3 (12.57 mg/kg)

Site Features and Areas

- Quadrant 1
- Former Off-site Storage Tanks
- Composite Area (Geosyntec)
- Quadrant 2
- Former Cell
- Composite Area (EPA/Weston)
- Building Soil Cap
- Existing Buildings
- Quadrant 3
- Quadrant 4

Comparison of Soil Aroclor-1268 to Excavation Worker Remedial Goal Options Quadrant 4 (2 to 4 ft bgs)



0 250 500
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

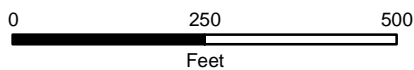
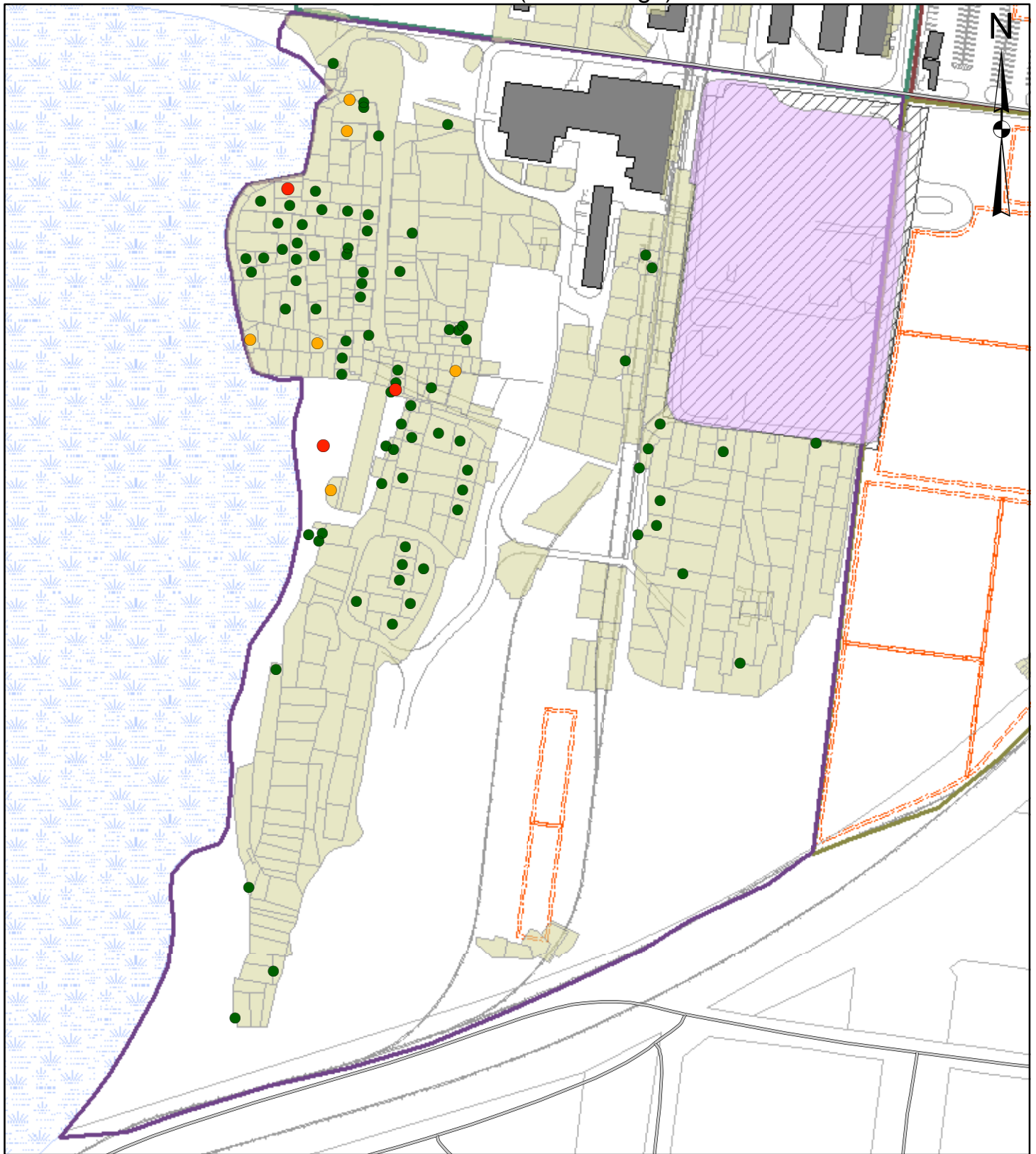
Comparison of Point Concentration to RGOs

● < HQ=1 (4.19 mg/kg)
● 1 < HQ < 3 (4.19 to 12.57 mg/kg)
● > HQ=3 (12.57 mg/kg)

Site Features and Areas

 Quadrant 1	 Former Off-site Storage Tanks	 Composite Area (Geosyntec)
 Quadrant 2	 Former Cell	 Composite Area (EPA/Weston)
 Quadrant 3	 Building Soil Cap	
 Quadrant 4	 Existing Buildings	

Comparison of Soil Aroclor-1268 to Excavation Worker Remedial Goal Options Quadrant 4 (4 to 6 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

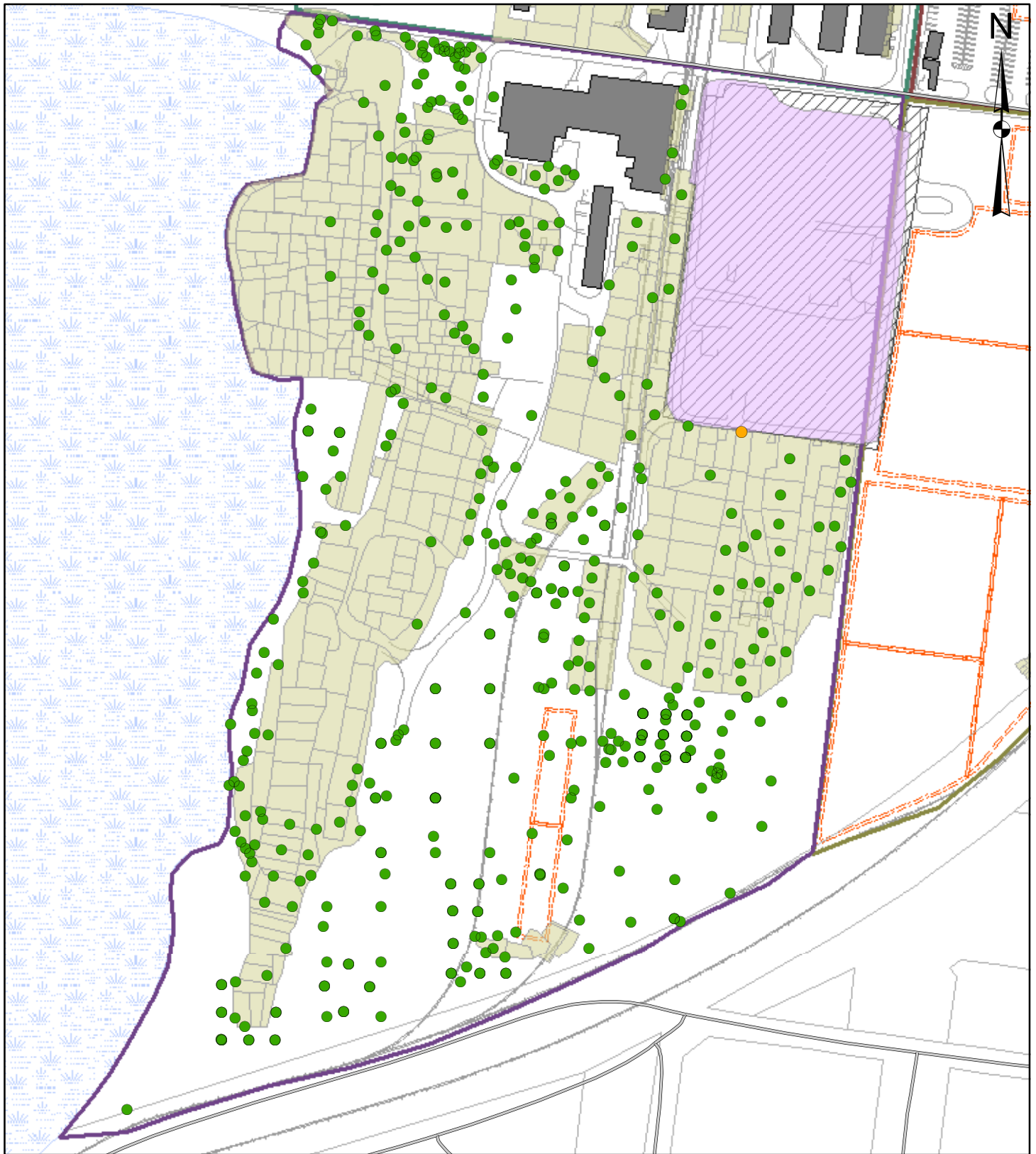
Comparison of Point Concentration to RGOs

- < HQ=1 (4.19 mg/kg)
- 1 < HQ < 3 (4.19 to 12.57 mg/kg)
- > HQ=3 (12.57 mg/kg)

Site Features and Areas

- Quadrant 1
- Quadrant 2
- Quadrant 3
- Quadrant 4
- Former Off-site Storage Tanks
- Former Cell
- Building Soil Cap
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Comparison of Soil Mercury to Excavation Worker Remedial Goal Options Quadrant 4 (0 to 2 ft bgs)



0 250 500
Feet

Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

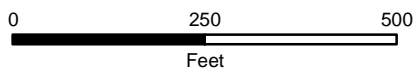
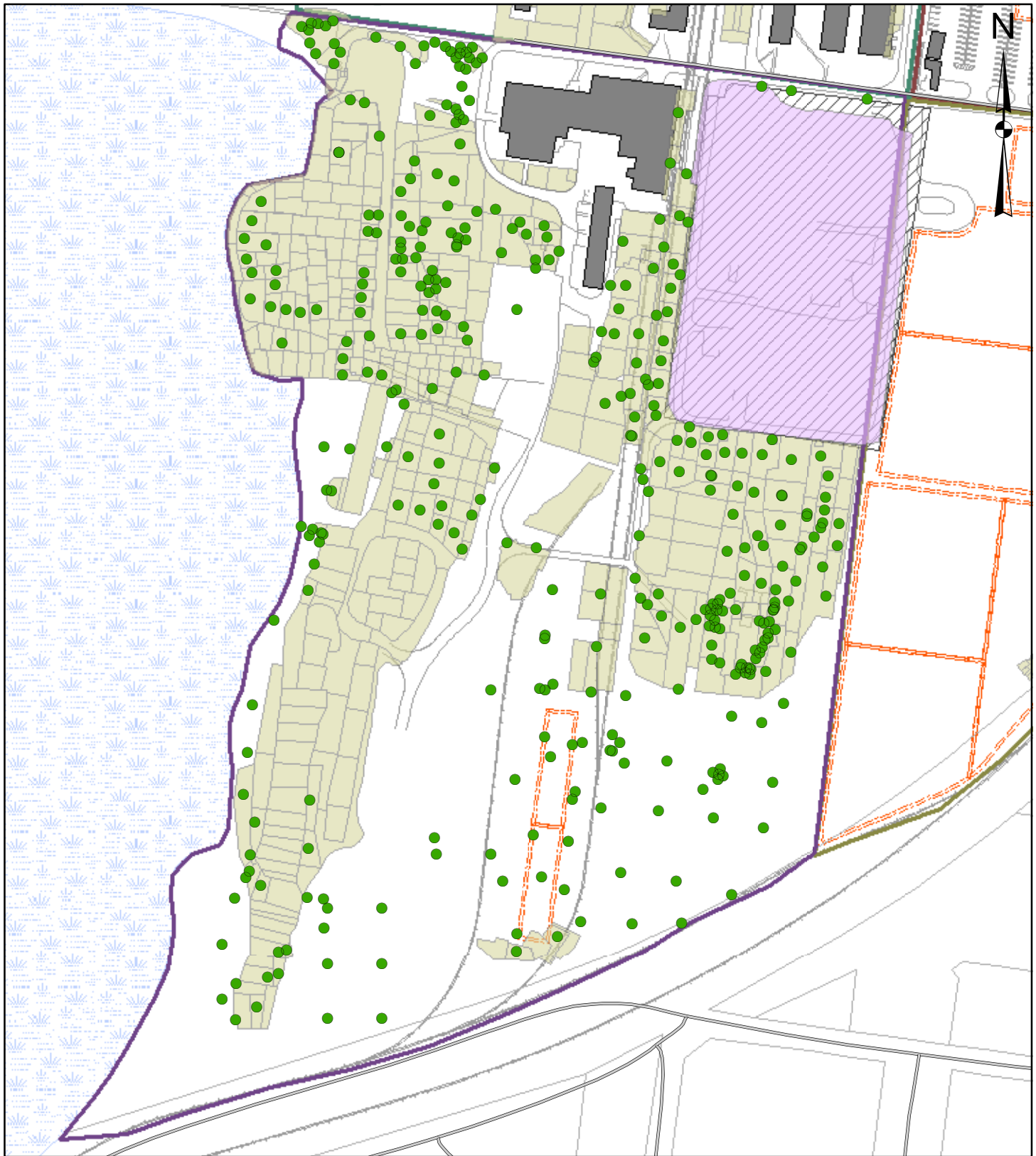
Comparison of Point Concentration to RGOs

- < HQ=1 (89.3 mg/kg)
- 1 < HQ < 3 (89.3 to 893 mg/kg)
- > HQ=3 (893 mg/kg)

Site Features and Areas

- | | | |
|---|---|--|
| Quadrant 1 | Former Off-site Storage Tanks | Composite Area (Geosyntec) |
| Quadrant 2 | Former Cell Building Soil Cap | Composite Area (EPA/Weston) |
| Quadrant 3 | Existing Buildings | |
| Quadrant 4 | | |

Comparison of Soil Mercury to Excavation Worker Remedial Goal Options Quadrant 4 (2 to 4 ft bgs)



Soil Remedial Actions

- Soil Cap
- Excavation/Backfill

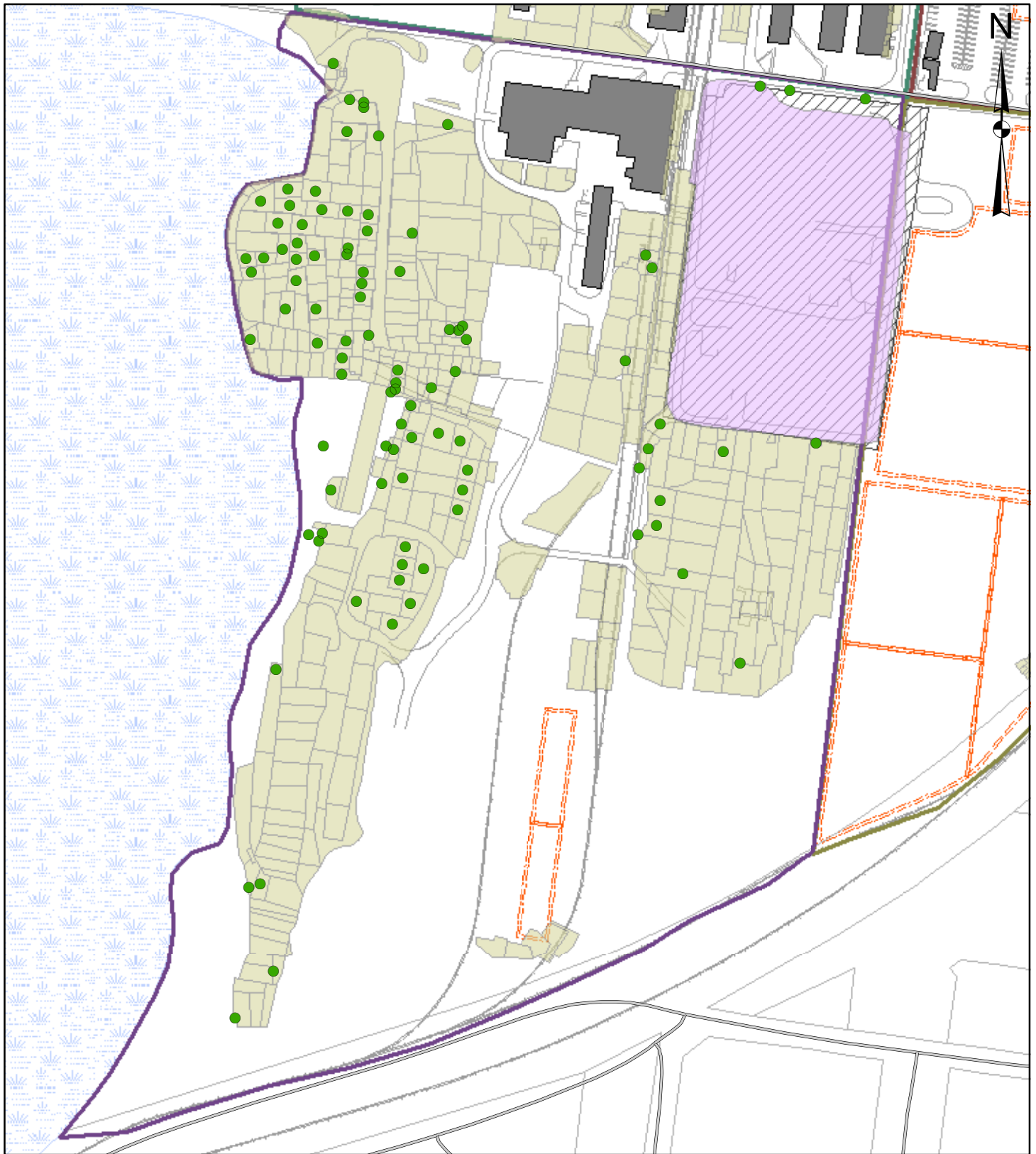
Comparison of Point Concentration to RGOs

- < HQ=1 (89.3 mg/kg)
- 1 < HQ < 3 (89.3 to 893 mg/kg)
- > HQ=3 (893 mg/kg)

Site Features and Areas

- | | | |
|---|---|--|
| Quadrant 1 | Former Off-site Storage Tanks | Composite Area (Geosyntec) |
| Quadrant 2 | Former Cell Building Soil Cap | Composite Area (EPA/Weston) |
| Quadrant 3 | Existing Buildings | |
| Quadrant 4 | | |

Comparison of Soil Mercury to Excavation Worker Remedial Goal Options Quadrant 4 (4 to 6 ft bgs)



0 250 500
Feet

Soil Remedial Actions

Soil Cap Excavation/Backfill

Comparison of Point Concentration to RGOs

- < HQ=1 (89.3 mg/kg)
- 1 < HQ < 3 (89.3 to 893 mg/kg)
- > HQ=3 (893 mg/kg)

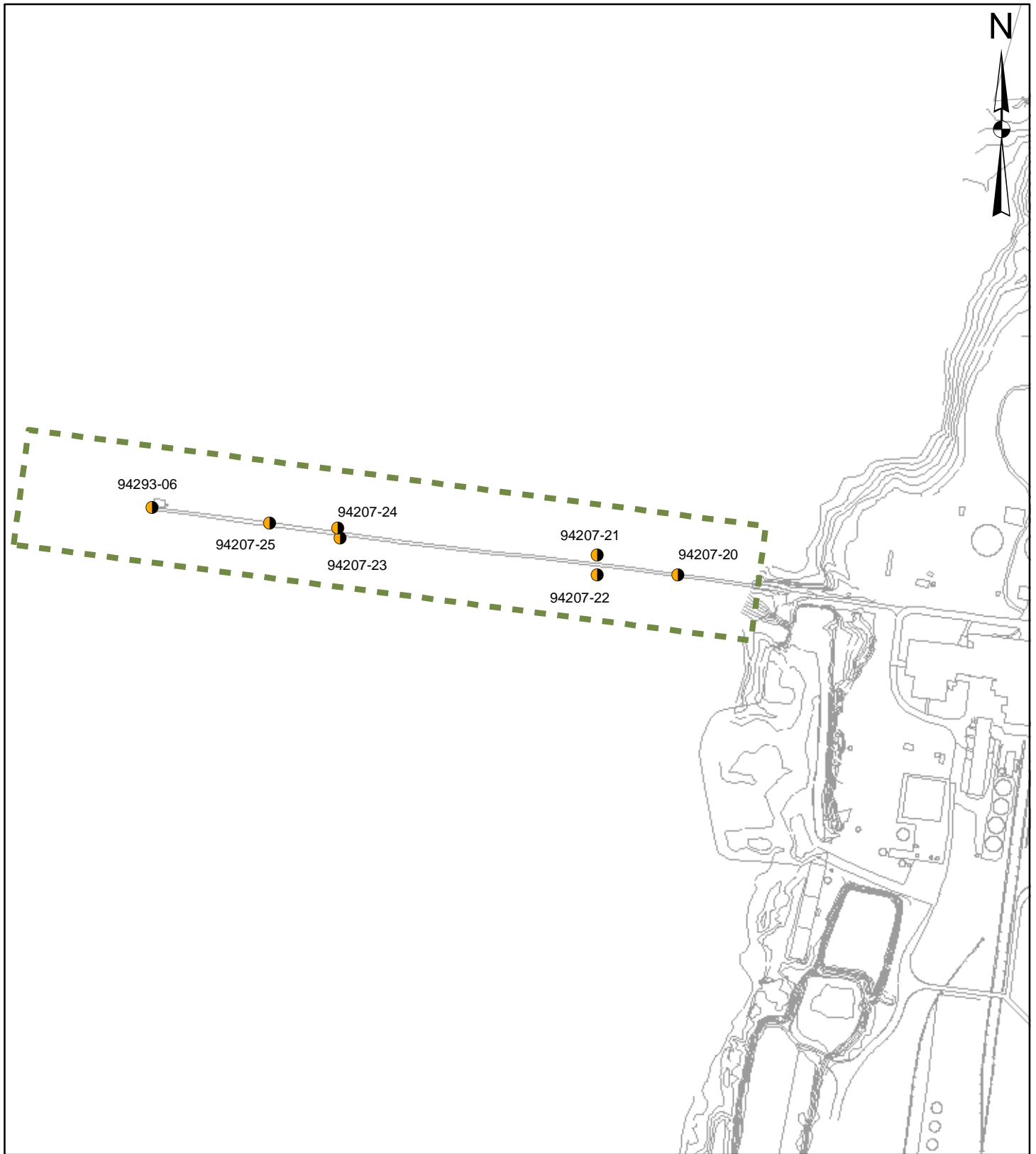
Site Features and Areas

- Quadrant 1
- Quadrant 2
- Quadrant 3
- Quadrant 4
- Former Off-site Storage Tanks
- Former Cell Building Soil Cap
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

APPENDIX A

LCP CHEMICALS SITE

Soil Sample Locations: Canal Road



0 250 500
Feet

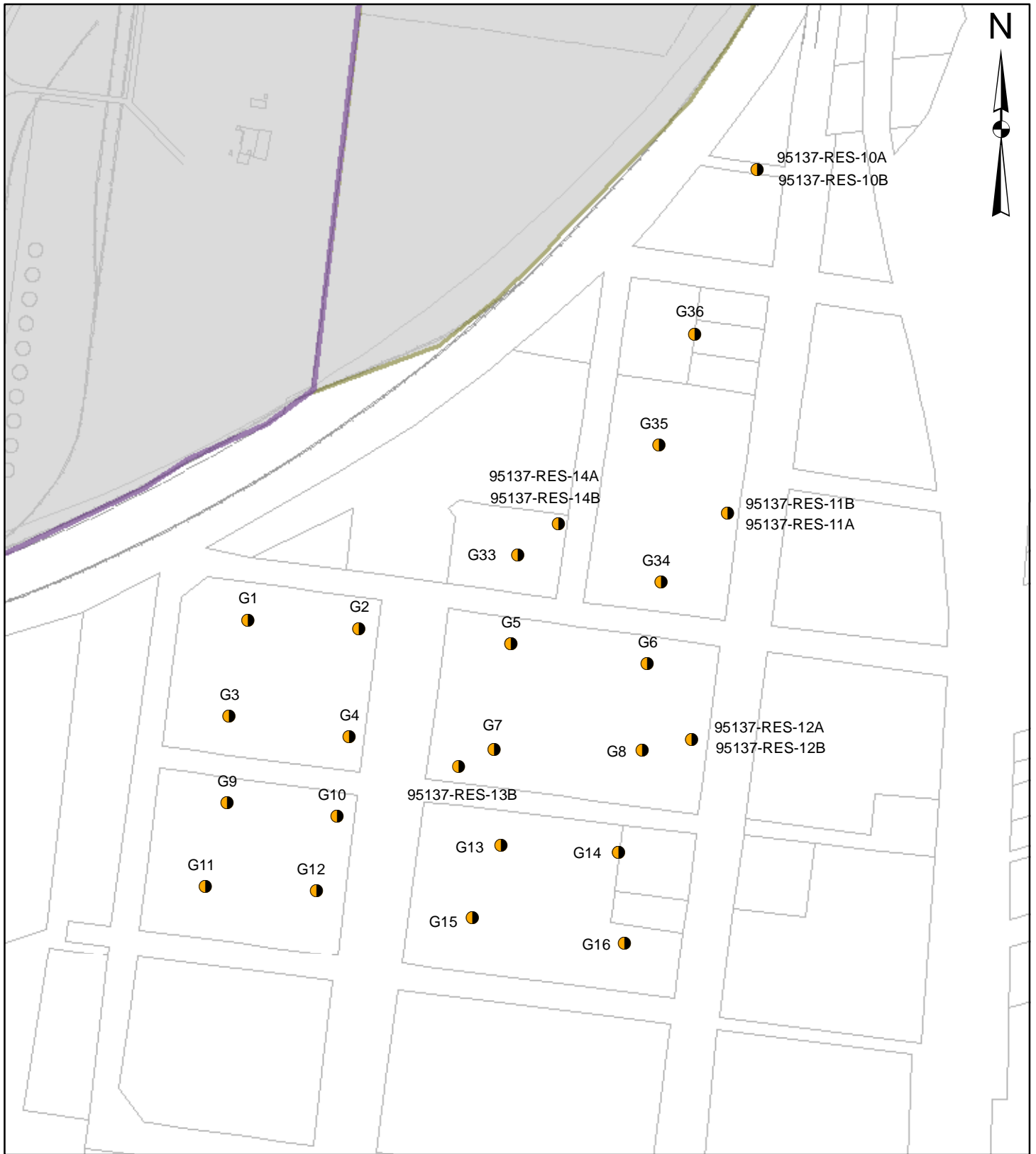
Legend

- Soil Sample Location
- ▭ Canal Road Area

Figure A-1

LCP CHEMICALS SITE

Soil Sample Locations: Off-site



Legend




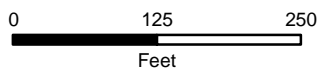
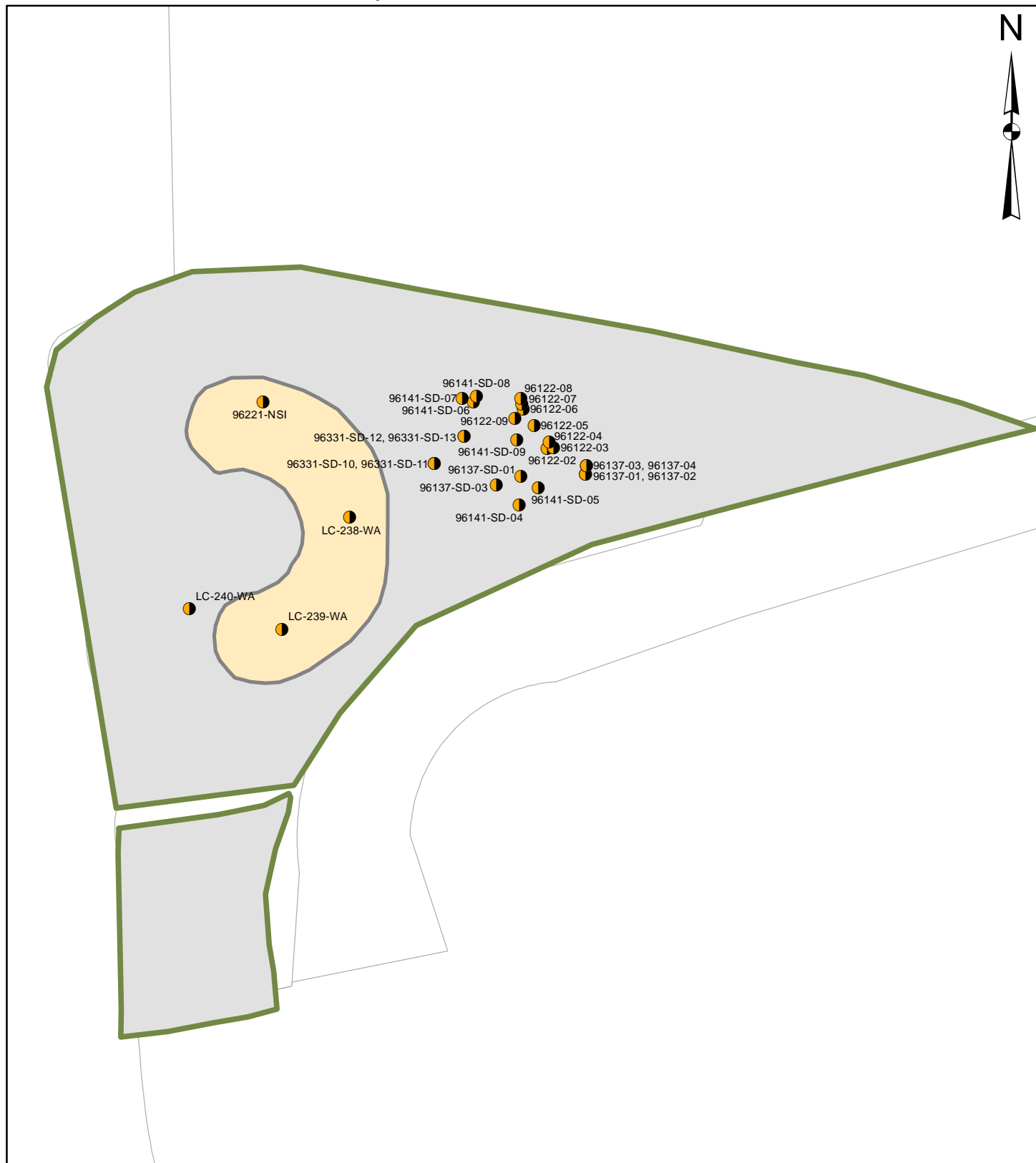
-  Soil Sample Location
-  Quadrant 2
-  Quadrant 4

Figure A-2

LCP CHEMICALS SITE

Soil Sample Locations: Former Salt Dock



Legend

- Soil Sample Location
- Salt Dock Property
- Former Impoundment Area

Figure A-3

Table A-1
Soil Sample Results: Canal Road

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
94207-25	94207-25	7/26/1994	859983.1	432536	0	1	Aroclor-1248	0.00	0.08	µg/Kg dwc	center closest P Creek
94207-25	94207-25	7/26/1994	859983.1	432536	0	1	Aroclor-1254	0.00	0.08	µg/Kg dwc	center closest P Creek
94207-25	94207-25	7/26/1994	859983.1	432536	0	1	Aroclor-1260	0.00	0.08	µg/Kg dwc	center closest P Creek
94207-25	94207-25	7/26/1994	859983.1	432536	0	1	Aroclor-1268	0.70	0.04	µg/Kg dwc	center closest P Creek
94207-25	94207-25	7/26/1994	859983.1	432536	0	1	Mercury	0.35	0.06	mg/Kg dwc	center closest P Creek
94207-25	94207-25	7/26/1994	859983.1	432536	0	1	pH	6.80	0.00	std. units	center closest P Creek
94293-06	94293-06	10/20/1994	859695.1	432575	0	1	Aroclor-1016	0.00	0.12	µg/Kg dwc	P Creek, E end of C. Rd.
94293-06	94293-06	10/20/1994	859695.1	432575	0	1	Aroclor-1221	0.00	0.12	µg/Kg dwc	P Creek, E end of C. Rd.
94293-06	94293-06	10/20/1994	859695.1	432575	0	1	Aroclor-1232	0.00	0.12	µg/Kg dwc	P Creek, E end of C. Rd.
94293-06	94293-06	10/20/1994	859695.1	432575	0	1	Aroclor-1242	0.00	0.12	µg/Kg dwc	P Creek, E end of C. Rd.
94293-06	94293-06	10/20/1994	859695.1	432575	0	1	Aroclor-1248	0.00	0.12	µg/Kg dwc	P Creek, E end of C. Rd.
94293-06	94293-06	10/20/1994	859695.1	432575	0	1	Aroclor-1254	0.00	0.12	µg/Kg dwc	P Creek, E end of C. Rd.
94293-06	94293-06	10/20/1994	859695.1	432575	0	1	Aroclor-1260	0.00	0.12	µg/Kg dwc	P Creek, E end of C. Rd.
94293-06	94293-06	10/20/1994	859695.1	432575	0	1	Aroclor-1268	5.80	0.12	µg/Kg dwc	P Creek, E end of C. Rd.
94293-06	94293-06	10/20/1994	859695.1	432575	0	1	Mercury	3.80	0.06	mg/Kg dwc	P Creek, E end of C. Rd.

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	3/4-Methylphenol	0.00	4.20	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Molybdenum	0.00	1.00	mg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	N-Nitroso-di-n-propylamine	0.00	4.20	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	N-	0.00	4.20	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Naphthalene	0.00	4.20	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Nickel	2.20	0.00	mg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	2-Nitroaniline	0.00	4.20	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	3-Nitroaniline	0.00	4.20	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	4-Nitroaniline	0.00	4.20	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Nitrobenzene	0.00	4.20	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	2-Nitrophenol	0.00	4.20	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	4-Nitrophenol	0.00	8.50	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	cis-Nonachlor	0.00	0.01	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	trans-Nonachlor	0.00	0.00	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Oxychloridane	0.00	0.01	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Pentachlorophenol	0.00	8.50	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Percent Moisture	3.80	0.00	%	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Percent Moisture (Metals)	6.00	0.00	%	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Phenanthrene	0.00	4.20	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Phenol	0.00	4.20	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Potassium	0.00	200.00	mg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Pyrene	0.00	4.20	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Selenium	0.00	4.00	mg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Silver	0.00	1.00	mg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Sodium	0.00	100.00	mg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Strontium	12.00	0.00	mg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Styrene	0.00	0.10	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Tellurium	0.00	5.00	mg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	1,1,1,2-Tetrachloroethane	0.00	0.10	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	1,1,2,2-Tetrachloroethane	0.00	0.10	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Tetrachloroethene	0.00	0.10	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	2,3,4,6-Tetrachlorophenol	0.00	4.20	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Thallium	0.00	10.00	mg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Tin	0.00	3.00	mg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Titanium	110.00	0.00	mg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Toluene	0.00	0.10	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Toxaphene	0.00	0.75	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	1,2,4-Trichlorobenzene	0.00	4.20	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	1,1,1-Trichloroethane	0.00	0.10	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	1,1,2-Trichloroethane	0.00	0.10	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Trichloroethene	0.00	0.10	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Trichlorofluoromethane	0.00	0.10	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	2,4,5-Trichlorophenol	0.00	4.20	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	2,4,6-Trichlorophenol	0.00	4.20	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	1,2,3-Trichloropropane	0.00	0.10	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Vanadium	7.10	0.00	mg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Vinyl chloride	0.00	0.10	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	o-Xylene	0.00	0.10	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	m&p-Xylene	0.00	0.10	µg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Yttrium	1.50	0.00	mg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10A	95137-RES-10A	5/17/1995	862938.4	431256.9	0	0.5	Zinc	41.00	0.00	mg/Kg	Residence: 51 Ross (Front Yard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Acenaphthene	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Acenaphthylene	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Acetone	0.00	0.30	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Aldrin	0.00	0.02	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Aluminum	2500.00	0.00	mg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Anthracene	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Antimony	0.00	3.00	mg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Aroclor-1016	0.00	0.11	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Aroclor-1221	0.00	0.11	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Aroclor-1232	0.00	0.11	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Aroclor-1242	0.00	0.11	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Aroclor-1248	0.00	0.11	µg/Kg	Residence: 51 B Ross (Backyard)

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Aroclor-1254	0.11	0.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Aroclor-1260	0.00	0.11	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Aroclor-1268	2.20	0.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Arsenic	0.00	5.00	mg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Barium	23.00	0.00	mg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Benzene	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Benzo(a)anthracene	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Benzo(a)pyrene	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Benzo(g,h,i)perylene	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Benzo(b,k)fluoranthene	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Beryllium	0.00	0.50	mg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	alpha-BHC	0.00	0.02	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	beta-BHC	0.00	0.02	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	delta-BHC	0.00	0.02	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	gamma-BHC (Lindane)	0.00	0.02	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Bromobenzene	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Bromochloromethane	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Bromodichloromethane	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Bromoform	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Bromomethane	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	4-Bromophenyl-phenylether	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	2-Butanone (MEK)	0.00	0.30	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Butylbenzylphthalate	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Cadmium	0.53	0.00	mg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Calcium	2600.00	0.00	mg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Carbazole	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Carbon disulfide	0.00	0.33	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Carbon tetrachloride	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	alpha-Chlordane	0.00	0.01	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	gamma-Chlordane	0.00	0.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Chlordene	0.00	0.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	alpha-Chlordene	0.00	0.01	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	beta-Chlordene	0.00	0.01	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	gamma-Chlordene	0.00	0.01	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	4-Chloro-3-methylphenol	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	4-Chloroaniline	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Chlorobenzene	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Chloroethane	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	bis(2-Chloroethoxy) methane	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	bis(2-Chloroethyl) ether	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Chloroform	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	2,2'-Chloroisopropylether	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Chloromethane	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	2-Chloronaphthalene	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	2-Chlorophenol	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	4-Chlorophenyl-phenylether	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	2-Chlorotoluene	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	4-Chlorotoluene	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Chromium	4.10	0.00	mg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Chrysene	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Cobalt	0.00	1.00	mg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Copper	11.00	0.00	mg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Cyanide	0.00	0.22	mg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	4,4'-DDD	0.00	0.02	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	4,4'-DDE	0.01	0.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	4,4'-DDT	0.00	0.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Di-n-butylphthalate	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Di-n-octylphthalate	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Dibenzo(a,h)anthracene	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Dibenzofuran	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Dibromochloromethane	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Dibromomethane	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	1,2-Dichlorobenzene	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	cis-Nonachlor	0.00	0.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	trans-Nonachlor	0.01	0.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Oxychlorodane	0.00	0.01	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Pentachlorophenol	0.00	7.90	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Percent Moisture	6.50	0.00	%	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Percent Moisture (Metals)	7.00	0.00	%	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Phenanthrene	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Phenol	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Potassium	0.00	200.00	mg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Pyrene	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Selenium	0.00	4.00	mg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Silver	0.00	1.00	mg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Sodium	0.00	100.00	mg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Strontium	0.01	0.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Styrene	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Tellurium	0.00	0.01	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	1,1,1,2-Tetrachloroethane	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	1,1,2,2-Tetrachloroethane	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Tetrachloroethene	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	2,3,4,6-Tetrachlorophenol	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Thallium	0.00	10.00	mg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Tin	0.00	0.01	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Titanium	0.10	0.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Toluene	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Toxaphene	0.00	0.88	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	1,2,4-Trichlorobenzene	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	1,1,1-Trichloroethane	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	1,1,2-Trichloroethane	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Trichloroethene	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Trichlorofluoromethane	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	2,4,5-Trichlorophenol	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	2,4,6-Trichlorophenol	0.00	4.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	1,2,3-Trichloropropane	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Vanadium	12.00	0.00	mg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Vinyl chloride	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	o-Xylene	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	m&p-Xylene	0.00	0.13	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Yttrium	0.00	0.00	µg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-10B	95137-RES-10B	5/17/1995	862938.4	431256.9	0	0.5	Zinc	79.00	0.00	mg/Kg	Residence: 51 B Ross (Backyard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Acenaphthene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Acenaphthylene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Acetone	0.00	0.86	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Aldrin	0.00	0.12	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Aluminum	2700.00	0.00	mg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Anthracene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Antimony	0.00	3.00	mg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Aroclor-1016	0.00	0.58	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Aroclor-1221	0.00	0.58	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Aroclor-1232	0.00	0.58	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Aroclor-1242	0.00	0.58	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Aroclor-1248	0.00	0.58	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Aroclor-1254	0.00	0.58	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Aroclor-1260	0.00	0.58	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Aroclor-1268	0.17	0.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Arsenic	0.00	3.00	mg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Barium	19.00	0.00	mg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Benzene	0.00	0.09	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Benzo(a)anthracene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Benzo(a)pyrene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Benzo(g,h,i)perylene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Benzo(b,k)fluoranthene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Beryllium	0.00	0.50	mg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	alpha-BHC	0.00	0.12	µg/Kg	Residence:33 Ross (Front Yard)

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	2,2-Dichloropropane	0.00	0.09	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	1,1-Dichloropropene	0.00	0.09	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	cis-1,3-Dichloropropene	0.00	0.09	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	trans-1,3-Dichloropropene	0.00	0.09	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Dieldrin	0.00	0.12	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Diethylphthalate	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	2,4-Dimethylphenol	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Dimethylphthalate	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	4,6-Dinitro-2-methylphenol	0.00	8.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	2,4-Dinitrophenol	0.00	8.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	2,4-Dinitrotoluene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	2,6-Dinitrotoluene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Endosulfan I	0.00	0.12	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Endosulfan II	0.00	0.12	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Endosulfan sulfate	0.00	0.12	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Endrin	0.00	0.12	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Endrin ketone	0.00	0.12	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Ethyl benzene	0.00	0.09	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	bis(2-Ethylhexyl) phthalate	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Fluoranthene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Fluorene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Heptachlor	0.08	0.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Heptachlor epoxide	0.03	0.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Hexachlorobenzene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Hexachlorobutadiene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Hexachlorocyclopentadiene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Hexachloroethane	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	2-Hexanone	0.00	0.22	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Indeno(1,2,3-cd)pyrene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Iron	1500.00	0.00	mg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Isophorone	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Lead	59.00	0.00	mg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Magnesium	220.00	0.00	mg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Manganese	29.00	0.00	mg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Mercury	1.50	0.00	mg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Methoxychlor	0.00	0.23	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	4-Methyl-2-pentanone	0.00	0.22	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	2-Methylnaphthalene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	2-Methylphenol	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	3/4-Methylphenol	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Molybdenum	0.00	0.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	N-Nitroso-di-n-propylamine	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	N-	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Naphthalene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Nickel	2.80	0.00	mg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	2-Nitroaniline	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	3-Nitroaniline	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	4-Nitroaniline	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Nitrobenzene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	2-Nitrophenol	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	4-Nitrophenol	0.00	8.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	cis-Nonachlor	0.21	0.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	trans-Nonachlor	0.24	0.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Oxychloridane	0.00	0.05	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Pentachlorophenol	0.00	8.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Percent Moisture	3.60	0.00	%	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Percent Moisture (Metals)	6.00	0.00	%	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Phenanthrene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Phenol	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Potassium	0.00	200.00	mg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Pyrene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Selenium	0.00	4.00	mg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Silver	0.00	1.00	mg/Kg	Residence:33 Ross (Front Yard)

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Sodium	0.00	100.00	mg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Strontium	0.01	0.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Styrene	0.00	0.09	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Tellurium	0.00	0.01	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	1,1,1,2-Tetrachloroethane	0.00	0.09	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	1,1,2,2-Tetrachloroethane	0.00	0.09	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Tetrachloroethene	0.00	0.09	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	2,3,4,6-Tetrachlorophenol	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Thallium	0.00	10.00	mg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Tin	0.00	0.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Titanium	0.10	0.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Toluene	0.00	0.09	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Toxaphene	0.00	4.70	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	1,2,4-Trichlorobenzene	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	1,1,1-Trichloroethane	0.00	0.09	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	1,1,2-Trichloroethane	0.00	0.09	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Trichloroethene	0.00	0.09	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Trichlorofluoromethane	0.00	0.09	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	2,4,5-Trichlorophenol	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	2,4,6-Trichlorophenol	0.00	4.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	1,2,3-Trichloropropane	0.00	0.09	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Vanadium	4.80	0.00	mg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Vinyl chloride	0.00	0.09	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	o-Xylene	0.00	0.09	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	m&p-Xylene	0.00	0.09	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Yttrium	0.00	0.00	µg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11A	95137-RES-11A	5/17/1995	862884.7	430627.2	0	0.5	Zinc	64.00	0.00	mg/Kg	Residence:33 Ross (Front Yard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Acenaphthene	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Acenaphthylene	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Acetone	0.00	0.87	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Aldrin	0.00	0.02	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Aluminum	3400.00	0.00	mg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Anthracene	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Antimony	0.00	3.00	mg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Aroclor-1016	0.00	0.13	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Aroclor-1221	0.00	0.13	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Aroclor-1232	0.00	0.13	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Aroclor-1242	0.00	0.13	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Aroclor-1248	0.00	0.13	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Aroclor-1254	0.00	0.13	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Aroclor-1260	0.00	0.13	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Aroclor-1268	0.88	0.00	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Arsenic	0.00	3.00	mg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Barium	36.00	0.00	mg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Benzene	0.00	0.09	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Benzo(a)anthracene	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Benzo(a)pyrene	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Benzo(g,h,i)perylene	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Benzo(b,k)fluoranthene	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Beryllium	0.00	0.50	mg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	alpha-BHC	0.00	0.02	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	beta-BHC	0.00	0.02	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	delta-BHC	0.00	0.02	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	gamma-BHC (Lindane)	0.00	0.02	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Bromobenzene	0.00	0.09	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Bromochloromethane	0.00	0.09	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Bromodichloromethane	0.00	0.09	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Bromoform	0.00	0.09	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Bromomethane	0.00	0.09	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	4-Bromophenyl-phenylether	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	2-Butanone (MEK)	0.00	0.87	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Butylbenzylphthalate	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Cadmium	0.51	0.00	mg/Kg	Residence:33 B Ross (Backyard)

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Endosulfan I	0.00	0.02	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Endosulfan II	0.00	0.02	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Endosulfan sulfate	0.00	0.02	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Endrin	0.00	0.02	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Endrin ketone	0.00	0.02	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Ethyl benzene	0.00	0.09	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	bis(2-Ethylhexyl) phthalate	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Fluoranthene	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Fluorene	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Heptachlor	0.00	0.02	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Heptachlor epoxide	0.00	0.02	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Hexachlorobenzene	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Hexachlorobutadiene	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Hexachlorocyclopentadiene	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Hexachloroethane	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	2-Hexanone	0.00	0.22	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Indeno(1,2,3-cd)pyrene	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Iron	2200.00	0.00	mg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Isophorone	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Lead	140.00	0.00	mg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Magnesium	310.00	0.00	mg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Manganese	33.00	0.00	mg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Mercury	1.00	0.00	mg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Methoxychlor	0.00	0.04	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	4-Methyl-2-pentanone	0.00	0.22	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	2-Methylnaphthalene	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	2-Methylphenol	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	3/4-Methylphenol	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Molybdenum	0.00	0.00	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	N-Nitroso-di-n-propylamine	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	N-	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Naphthalene	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Nickel	3.00	0.00	mg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	2-Nitroaniline	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	3-Nitroaniline	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	4-Nitroaniline	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Nitrobenzene	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	2-Nitrophenol	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	4-Nitrophenol	0.00	8.20	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	cis-Nonachlor	0.01	0.00	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	trans-Nonachlor	0.02	0.00	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Oxychlorane	0.00	0.01	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Pentachlorophenol	0.00	8.20	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Percent Moisture	4.40	0.00	%	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Percent Moisture (Metals)	8.00	0.00	%	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Phenanthrene	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Phenol	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Potassium	0.00	200.00	mg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Pyrene	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Selenium	0.00	4.00	mg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Silver	0.00	1.00	mg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Sodium	0.00	100.00	mg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Strontium	0.01	0.00	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Styrene	0.00	0.09	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Tellurium	0.00	0.01	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	1,1,1,2-Tetrachloroethane	0.00	0.09	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	1,1,2,2-Tetrachloroethane	0.00	0.09	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Tetrachloroethene	0.00	0.09	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	2,3,4,6-Tetrachlorophenol	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Thallium	0.00	10.00	mg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Tin	0.01	0.00	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Titanium	0.08	0.00	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Toluene	0.00	0.09	µg/Kg	Residence:33 B Ross (Backyard)

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Toxaphene	0.00	0.79	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	1,2,4-Trichlorobenzene	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	1,1,1-Trichloroethane	0.00	0.09	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	1,1,2-Trichloroethane	0.00	0.09	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Trichloroethene	0.00	0.09	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Trichlorofluoromethane	0.00	0.09	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	2,4,5-Trichlorophenol	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	2,4,6-Trichlorophenol	0.00	4.10	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	1,2,3-Trichloropropane	0.00	0.09	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Vanadium	8.10	0.00	mg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Vinyl chloride	0.00	0.09	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	o-Xylene	0.00	0.09	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	m&p-Xylene	0.00	0.09	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Yttrium	0.00	0.00	µg/Kg	Residence:33 B Ross (Backyard)
95137-RES-11B	95137-RES-11B	5/17/1995	862884.7	430627.2	0	0.5	Zinc	160.00	0.00	mg/Kg	Residence:33 B Ross (Backyard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Acenaphthene	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Acenaphthylene	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Acetone	0.00	1.00	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Aldrin	0.00	0.02	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Aluminum	3700.00	0.00	mg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Anthracene	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Antimony	0.00	3.00	mg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Aroclor-1016	0.00	0.09	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Aroclor-1221	0.00	0.09	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Aroclor-1232	0.00	0.09	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Aroclor-1242	0.00	0.09	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Aroclor-1248	0.00	0.09	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Aroclor-1254	0.00	0.09	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Aroclor-1260	0.00	0.09	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Aroclor-1268	0.12	0.00	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Arsenic	0.00	5.00	mg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Barium	16.00	0.00	mg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Benzene	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Benzo(a)anthracene	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Benzo(a)pyrene	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Benzo(g,h,i)perylene	0.41	0.00	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Benzo(b,k)fluoranthene	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Beryllium	0.00	0.50	mg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	alpha-BHC	0.00	0.02	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	beta-BHC	0.00	0.02	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	delta-BHC	0.00	0.02	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	gamma-BHC (Lindane)	0.00	0.02	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Bromobenzene	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Bromochloromethane	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Bromodichloromethane	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Bromoform	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Bromomethane	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	4-Bromophenyl-phenylether	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	2-Butanone (MEK)	0.00	1.00	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Butylbenzylphthalate	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Cadmium	0.00	0.50	mg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Calcium	1000.00	0.00	mg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Carbazole	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Carbon disulfide	0.00	0.25	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Carbon tetrachloride	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Chlordane	0.00	0.05	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	4-Chloro-3-methylphenol	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	4-Chloroaniline	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Chlorobenzene	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Chloroethane	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	bis(2-Chloroethoxy) methane	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	bis(2-Chloroethyl) ether	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Chloroform	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Iron	2000.00	0.00	mg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Isothorone	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Lead	89.00	0.00	mg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Magnesium	240.00	0.00	mg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Manganese	26.00	0.00	mg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Mercury	0.22	0.00	mg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Methoxychlor	0.00	0.05	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	4-Methyl-2-pentanone	0.00	0.25	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	2-Methylnaphthalene	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	2-Methylphenol	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	3/4-Methylphenol	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Molybdenum	0.00	0.00	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	N-Nitroso-di-n-propylamine	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	N-	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Naphthalene	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Nickel	2.40	0.00	mg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	2-Nitroaniline	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	3-Nitroaniline	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	4-Nitroaniline	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Nitrobenzene	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	2-Nitrophenol	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	4-Nitrophenol	0.00	7.80	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Pentachlorophenol	0.00	7.80	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Percent Moisture	1.80	0.00	%	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Percent Moisture (Metals)	9.00	0.00	%	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Phenanthrene	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Phenol	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Potassium	0.00	200.00	mg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Pyrene	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Selenium	0.00	4.00	mg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Silver	0.00	1.00	mg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Sodium	0.00	100.00	mg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Strontium	0.01	0.00	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Styrene	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Tellurium	0.00	0.01	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	1,1,1,2-Tetrachloroethane	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	1,1,2,2-Tetrachloroethane	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Tetrachloroethene	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	2,3,4,6-Tetrachlorophenol	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Thallium	0.00	10.00	mg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Tin	0.00	0.00	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Titanium	0.09	0.00	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Toluene	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Toxaphene	0.00	0.72	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	1,2,4-Trichlorobenzene	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	1,1,1-Trichloroethane	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	1,1,2-Trichloroethane	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Trichloroethene	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Trichlorofluoromethane	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	2,4,5-Trichlorophenol	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	2,4,6-Trichlorophenol	0.00	3.90	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	1,2,3-Trichloropropane	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Vanadium	7.50	0.00	mg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Vinyl chloride	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	o-Xylene	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	m&p-Xylene	0.00	0.10	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Yttrium	0.00	0.00	µg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12A	95137-RES-12A	5/17/1995	862818.6	430212.6	0	0.5	Zinc	48.00	0.00	mg/Kg	Residence: 21 Ross (Front Yard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Acenaphthene	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Acenaphthylene	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Acetone	0.00	0.85	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Aldrin	0.00	0.05	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Aluminum	3400.00	0.00	mg/Kg	Residence: 21 B Ross (Backyard)

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Anthracene	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Antimony	0.00	3.00	mg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Aroclor-1016	0.00	0.40	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Aroclor-1221	0.00	0.40	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Aroclor-1232	0.00	0.40	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Aroclor-1242	0.00	0.40	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Aroclor-1248	0.00	0.40	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Aroclor-1254	0.44	0.00	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Aroclor-1260	0.00	0.40	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Aroclor-1268	0.23	0.00	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Arsenic	0.00	3.00	mg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Barium	28.00	0.00	mg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Benzene	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Benzo(a)anthracene	0.66	0.00	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Benzo(a)pyrene	0.72	0.00	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Benzo(g,h,i)perylene	1.30	0.00	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Benzo(b,k)fluoranthene	0.67	0.00	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Beryllium	0.00	0.50	mg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	alpha-BHC	0.00	0.05	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	beta-BHC	0.00	0.05	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	delta-BHC	0.00	0.05	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	gamma-BHC (Lindane)	0.00	0.05	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Bromobenzene	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Bromochloromethane	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Bromodichloromethane	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Bromoform	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Bromomethane	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	4-Bromophenyl-phenylether	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	2-Butanone (MEK)	0.00	0.85	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Butylbenzylphthalate	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Cadmium	0.00	0.50	mg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Calcium	1200.00	0.00	mg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Carbazole	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Carbon disulfide	0.00	0.21	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Carbon tetrachloride	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Chlordane	0.00	0.12	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	4-Chloro-3-methylphenol	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	4-Chloroaniline	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Chlorobenzene	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Chloroethane	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	bis(2-Chloroethoxy) methane	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	bis(2-Chloroethyl) ether	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Chloroform	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	2,2'-Chloroisopropylether	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Chloromethane	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	2-Chloronaphthalene	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	2-Chlorophenol	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	4-Chlorophenyl-phenylether	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	2-Chlorotoluene	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	4-Chlorotoluene	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Chromium	5.20	0.00	mg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Chrysene	0.95	0.00	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Cobalt	0.00	1.00	mg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Copper	17.00	0.00	mg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Cyanide	0.00	0.20	mg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	4,4'-DDD	0.00	0.05	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	4,4'-DDE	0.12	0.00	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	2,4-DDT	0.05	0.00	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	4,4'-DDT	0.16	0.00	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Di-n-butylphthalate	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Di-n-octylphthalate	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Dibenzo(a,h)anthracene	0.49	0.00	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Dibenzofuran	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Nitrobenzene	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	2-Nitrophenol	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	4-Nitrophenol	0.00	8.50	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Pentachlorophenol	0.00	8.50	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Percent Moisture	2.10	0.00	%	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Percent Moisture (Metals)	2.00	0.00	%	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Phenanthrene	0.55	0.00	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Phenol	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Potassium	0.00	200.00	mg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Pyrene	0.73	0.00	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Selenium	0.00	4.00	mg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Silver	0.00	1.00	mg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Sodium	0.00	100.00	mg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Strontium	0.01	0.00	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Styrene	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Tellurium	0.00	0.01	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	1,1,1,2-Tetrachloroethane	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	1,1,2,2-Tetrachloroethane	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Tetrachloroethene	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	2,3,4,6-Tetrachlorophenol	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Thallium	0.00	10.00	mg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Tin	0.01	0.00	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Titanium	0.09	0.00	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Toluene	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Toxaphene	0.00	1.90	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	1,2,4-Trichlorobenzene	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	1,1,1-Trichloroethane	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	1,1,2-Trichloroethane	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Trichloroethene	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Trichlorofluoromethane	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	2,4,5-Trichlorophenol	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	2,4,6-Trichlorophenol	0.00	4.30	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	1,2,3-Trichloropropane	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Vanadium	6.60	0.00	mg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Vinyl chloride	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	o-Xylene	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	m&p-Xylene	0.00	0.09	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Yttrium	0.00	0.00	µg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-12B	95137-RES-12B	5/17/1995	862818.6	430212.6	0	0.5	Zinc	130.00	0.00	mg/Kg	Residence: 21 B Ross (Backyard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Acenaphthene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Acenaphthylene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Acetone	0.00	0.85	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Aldrin	0.00	0.08	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Aluminum	2800.00	0.00	mg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Anthracene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Antimony	0.00	3.00	mg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Aroclor-1016	0.00	0.42	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Aroclor-1221	0.00	0.42	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Aroclor-1232	0.00	0.42	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Aroclor-1242	0.00	0.42	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Aroclor-1248	0.00	0.42	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Aroclor-1254	0.00	0.42	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Aroclor-1260	0.00	0.42	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Arsenic	0.00	3.00	mg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Barium	37.00	0.00	mg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Benzene	0.00	0.09	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Benzo(a)anthracene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Benzo(a)pyrene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Benzo(g,h,i)perylene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Benzo(b,k)fluoranthene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Beryllium	0.00	0.50	mg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	alpha-BHC	0.00	0.08	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	beta-BHC	0.00	0.08	µg/Kg	Residence: 11 W. Ash (Front Yard)

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	1,1-Dichloropropene	0.00	0.09	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	cis-1,3-Dichloropropene	0.00	0.09	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	trans-1,3-Dichloropropene	0.00	0.09	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Dieldrin	0.00	0.08	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Diethylphthalate	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	2,4-Dimethylphenol	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Dimethylphthalate	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	4,6-Dinitro-2-methylphenol	0.00	7.80	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	2,4-Dinitrophenol	0.00	7.80	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	2,4-Dinitrotoluene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	2,6-Dinitrotoluene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Endosulfan I	0.00	0.08	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Endosulfan II	0.00	0.08	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Endosulfan sulfate	0.00	0.08	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Endrin	0.00	0.08	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Endrin ketone	0.00	0.08	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Ethyl benzene	0.00	0.09	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	bis(2-Ethylhexyl) phthalate	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Fluoranthene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Fluorene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Heptachlor	0.01	0.00	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Heptachlor epoxide	0.04	0.00	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Hexachlorobenzene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Hexachlorobutadiene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Hexachlorocyclopentadiene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Hexachloroethane	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	2-Hexanone	0.00	0.21	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Indeno(1,2,3-cd)pyrene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Iron	1700.00	0.00	mg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Isothorone	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Lead	120.00	0.00	mg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Magnesium	200.00	0.00	mg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Manganese	28.00	0.00	mg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Mercury	0.00	0.10	mg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Methoxychlor	0.00	0.17	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	4-Methyl-2-pentanone	0.00	0.21	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	2-Methylnaphthalene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	2-Methylphenol	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	3/4-Methylphenol	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Molybdenum	0.00	0.00	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	N-Nitroso-di-n-propylamine	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	N-	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Naphthalene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Nickel	2.80	0.00	mg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	2-Nitroaniline	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	3-Nitroaniline	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	4-Nitroaniline	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Nitrobenzene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	2-Nitrophenol	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	4-Nitrophenol	0.00	7.80	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	cis-Nonachlor	0.04	0.00	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	trans-Nonachlor	0.09	0.00	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Oxychlorthane	0.00	0.03	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Pentachlorophenol	0.00	7.80	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Percent Moisture	1.50	0.00	%	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Percent Moisture (Metals)	7.00	0.00	%	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Phenanthrene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Phenol	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Potassium	0.00	200.00	mg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Pyrene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Selenium	0.00	4.00	mg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Silver	0.00	1.00	mg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Sodium	0.00	100.00	mg/Kg	Residence: 11 W. Ash (Front Yard)

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Strontium	0.01	0.00	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Styrene	0.00	0.09	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Tellurium	0.00	0.01	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	1,1,1,2-Tetrachloroethane	0.00	0.09	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	1,1,2,2-Tetrachloroethane	0.00	0.09	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Tetrachloroethene	0.00	0.09	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	2,3,4,6-Tetrachlorophenol	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Thallium	0.00	10.00	mg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Tin	0.00	0.01	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Titanium	0.08	0.00	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Toluene	0.00	0.09	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Toxaphene	0.00	3.40	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	1,2,4-Trichlorobenzene	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	1,1,1-Trichloroethane	0.00	0.09	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	1,1,2-Trichloroethane	0.00	0.09	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Trichloroethene	0.00	0.09	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Trichlorofluoromethane	0.00	0.09	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	2,4,5-Trichlorophenol	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	2,4,6-Trichlorophenol	0.00	3.90	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	1,2,3-Trichloropropane	0.00	0.09	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Vanadium	4.60	0.00	mg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Vinyl chloride	0.00	0.09	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	o-Xylene	0.00	0.09	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	m&p-Xylene	0.00	0.09	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Yttrium	0.00	0.00	µg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13A	95137-RES-13A	5/17/1995	862390.2	430161.9	0	0.5	Zinc	110.00	0.00	mg/Kg	Residence: 11 W. Ash (Front Yard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Acenaphthene	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Acenaphthylene	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Acetone	0.00	1.00	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Aldrin	0.00	0.02	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Aluminum	2900.00	0.00	mg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Anthracene	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Antimony	0.00	3.00	mg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Aroclor-1016	0.00	0.11	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Aroclor-1221	0.00	0.11	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Aroclor-1232	0.00	0.11	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Aroclor-1242	0.00	0.11	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Aroclor-1248	0.00	0.11	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Aroclor-1254	0.00	0.11	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Aroclor-1260	0.00	0.11	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Aroclor-1268	0.19	0.00	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Arsenic	0.00	5.00	mg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Barium	100.00	0.00	mg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Benzene	0.00	0.10	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Benzo(a)anthracene	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Benzo(a)pyrene	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Benzo(g,h,i)perylene	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Benzo(b,k)fluoranthene	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Beryllium	0.00	0.50	mg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	alpha-BHC	0.00	0.02	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	beta-BHC	0.00	0.02	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	delta-BHC	0.00	0.02	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	gamma-BHC (Lindane)	0.00	0.02	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Bromobenzene	0.00	0.10	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Bromochloromethane	0.00	0.10	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Bromodichloromethane	0.00	0.10	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Bromoform	0.00	0.10	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Bromomethane	0.00	0.10	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	4-Bromophenyl-phenylether	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	2-Butanone (MEK)	0.00	1.00	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Butylbenzylphthalate	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Cadmium	1.40	0.00	mg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Calcium	1800.00	0.00	mg/Kg	Residence: 11 B W. Ash (Backyard)

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Endosulfan II	0.00	0.02	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Endosulfan sulfate	0.00	0.02	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Endrin	0.00	0.02	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Endrin ketone	0.00	0.02	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Ethyl benzene	0.00	0.10	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	bis(2-Ethylhexyl) phthalate	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Fluoranthene	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Fluorene	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Heptachlor	0.00	0.02	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Heptachlor epoxide	0.00	0.02	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Hexachlorobenzene	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Hexachlorobutadiene	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Hexachlorocyclopentadiene	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Hexachloroethane	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	2-Hexanone	0.00	0.26	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Indeno(1,2,3-cd)pyrene	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Iron	5200.00	0.00	mg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Isoophorone	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Lead	250.00	0.00	mg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Magnesium	230.00	0.00	mg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Manganese	55.00	0.00	mg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Mercury	0.15	0.00	mg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Methoxychlor	0.00	0.04	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	4-Methyl-2-pentanone	0.00	0.26	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	2-Methylnaphthalene	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	2-Methylphenol	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	3/4-Methylphenol	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Molybdenum	0.00	0.00	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	N-Nitroso-di-n-propylamine	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	N-	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Naphthalene	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Nickel	5.20	0.00	mg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	2-Nitroaniline	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	3-Nitroaniline	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	4-Nitroaniline	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Nitrobenzene	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	2-Nitrophenol	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	4-Nitrophenol	0.00	8.30	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	cis-Nonachlor	0.01	0.00	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	trans-Nonachlor	0.04	0.00	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Oxychlorthane	0.00	0.01	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Pentachlorophenol	0.00	8.30	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Percent Moisture	2.00	0.00	%	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Percent Moisture (Metals)	2.00	0.00	%	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Phenanthrene	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Phenol	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Potassium	0.00	200.00	mg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Pyrene	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Selenium	0.00	4.00	mg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Silver	0.00	1.00	mg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Sodium	0.00	100.00	mg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Strontium	0.01	0.00	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Styrene	0.00	0.10	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Tellurium	0.00	0.01	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	1,1,1,2-Tetrachloroethane	0.00	0.10	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	1,1,2,2-Tetrachloroethane	0.00	0.10	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Tetrachloroethene	0.00	0.10	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	2,3,4,6-Tetrachlorophenol	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Thallium	0.00	10.00	mg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Tin	0.01	0.00	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Titanium	0.06	0.00	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Toluene	0.00	0.10	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Toxaphene	0.00	0.78	µg/Kg	Residence: 11 B W. Ash (Backyard)

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	1,2,4-Trichlorobenzene	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	1,1,1-Trichloroethane	0.00	0.10	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	1,1,2-Trichloroethane	0.00	0.10	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Trichloroethene	0.00	0.10	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Trichlorofluoromethane	0.00	0.10	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	2,4,5-Trichlorophenol	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	2,4,6-Trichlorophenol	0.00	4.20	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	1,2,3-Trichloropropane	0.00	0.10	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Vanadium	6.30	0.00	mg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Vinyl chloride	0.00	0.10	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	o-Xylene	0.00	0.10	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	m&p-Xylene	0.00	0.10	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Yttrium	0.00	0.00	µg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-13B	95137-RES-13B	5/17/1995	862390.2	430161.9	0	0.5	Zinc	410.00	0.00	mg/Kg	Residence: 11 B W. Ash (Backyard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Acenaphthene	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Acenaphthylene	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Acetone	0.00	0.30	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Aldrin	0.00	0.02	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Aluminum	2400.00	0.00	mg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Anthracene	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Antimony	0.00	3.00	mg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Aroclor-1016	0.00	0.10	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Aroclor-1221	0.00	0.10	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Aroclor-1232	0.00	0.10	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Aroclor-1242	0.00	0.10	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Aroclor-1248	0.00	0.10	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Aroclor-1254	0.00	0.10	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Aroclor-1260	0.00	0.10	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Aroclor-1268	0.21	0.00	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Arsenic	0.00	5.00	mg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Barium	66.00	0.00	mg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Benzene	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Benzo(a)anthracene	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Benzo(a)pyrene	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Benzo(g,h,i)perylene	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Benzo(b,k)fluoranthene	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Beryllium	0.00	0.50	mg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	alpha-BHC	0.00	0.02	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	beta-BHC	0.00	0.02	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	delta-BHC	0.00	0.02	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	gamma-BHC (Lindane)	0.00	0.02	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Bromobenzene	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Bromochloromethane	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Bromodichloromethane	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Bromoform	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Bromomethane	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	4-Bromophenyl-phenylether	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	2-Butanone (MEK)	0.00	0.30	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Butylbenzylphthalate	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Cadmium	0.00	0.50	mg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Calcium	1400.00	0.00	mg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Carbazole	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Carbon disulfide	0.00	0.32	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Carbon tetrachloride	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	alpha-Chlordane	0.00	0.01	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	gamma-Chlordane	0.00	0.00	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Chlordene	0.00	0.00	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	alpha-Chlordene	0.00	0.01	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	beta-Chlordene	0.00	0.01	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	gamma-Chlordene	0.00	0.01	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	4-Chloro-3-methylphenol	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	4-Chloroaniline	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Chlorobenzene	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Hexachlorocyclopentadiene	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Hexachloroethane	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	2-Hexanone	0.00	0.32	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Indeno(1,2,3-cd)pyrene	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Iron	1600.00	0.00	mg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Isophorone	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Lead	300.00	0.00	mg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Magnesium	210.00	0.00	mg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Manganese	33.00	0.00	mg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Mercury	0.43	0.00	mg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Methoxychlor	0.00	0.04	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	4-Methyl-2-pentanone	0.00	0.32	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	2-Methylnaphthalene	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	2-Methylphenol	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	3/4-Methylphenol	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Molybdenum	0.00	0.00	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	N-Nitroso-di-n-propylamine	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	N-	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Naphthalene	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Nickel	0.00	2.00	mg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	2-Nitroaniline	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	3-Nitroaniline	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	4-Nitroaniline	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Nitrobenzene	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	2-Nitrophenol	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	4-Nitrophenol	0.00	7.20	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	cis-Nonachlor	0.00	0.01	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	trans-Nonachlor	0.00	0.00	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Oxychlorlrdane	0.00	0.01	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Pentachlorophenol	0.00	7.20	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Percent Moisture	3.10	0.00	%	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Percent Moisture (Metals)	3.00	0.00	%	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Phenanthrene	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Phenol	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Potassium	0.00	200.00	mg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Pyrene	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Selenium	0.00	4.00	mg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Silver	0.00	1.00	mg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Sodium	0.00	100.00	mg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Strontium	0.01	0.00	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Styrene	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Tellurium	0.00	0.01	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	1,1,1,2-Tetrachloroethane	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	1,1,2,2-Tetrachloroethane	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Tetrachloroethene	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	2,3,4,6-Tetrachlorophenol	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Thallium	0.00	10.00	mg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Tin	0.00	0.01	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Titanium	0.10	0.00	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Toluene	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Toxaphene	0.00	0.89	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	1,2,4-Trichlorobenzene	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	1,1,1-Trichloroethane	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	1,1,2-Trichloroethane	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Trichloroethene	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Trichlorofluoromethane	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	2,4,5-Trichlorophenol	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	2,4,6-Trichlorophenol	0.00	3.60	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	1,2,3-Trichloropropane	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Vanadium	5.50	0.00	mg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Vinyl chloride	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	o-Xylene	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	m&p-Xylene	0.00	0.13	µg/Kg	Residence: 8 W. 9th (Front Yard)

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Yttrium	0.00	0.00	µg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14A	95137-RES-14A	5/17/1995	862574.5	430607.3	0	0	Zinc	95.00	0.00	mg/Kg	Residence: 8 W. 9th (Front Yard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Acenaphthene	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Acenaphthylene	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Acetone	0.00	0.88	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Aldrin	0.00	0.02	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Aluminum	3700.00	0.00	mg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Anthracene	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Antimony	0.00	3.00	mg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Aroclor-1016	0.00	0.11	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Aroclor-1221	0.00	0.11	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Aroclor-1232	0.00	0.11	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Aroclor-1242	0.00	0.11	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Aroclor-1248	0.00	0.11	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Aroclor-1254	0.00	0.11	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Aroclor-1260	0.00	0.11	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Aroclor-1268	0.80	0.00	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Arsenic	0.00	7.00	mg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Barium	30.00	0.00	mg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Benzene	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Benzo(a)anthracene	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Benzo(a)pyrene	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Benzo(g,h,i)perylene	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Benzo(b,k)fluoranthene	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Beryllium	0.00	0.50	mg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	alpha-BHC	0.00	0.02	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	beta-BHC	0.00	0.02	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	delta-BHC	0.00	0.02	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	gamma-BHC (Lindane)	0.00	0.02	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Bromobenzene	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Bromochloromethane	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Bromodichloromethane	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Bromoform	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Bromomethane	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	4-Bromophenyl-phenylether	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	2-Butanone (MEK)	0.00	0.88	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Butylbenzylphthalate	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Cadmium	0.00	0.50	mg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Calcium	1600.00	0.00	mg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Carbazole	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Carbon disulfide	0.00	0.22	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Carbon tetrachloride	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	alpha-Chlordane	0.00	0.00	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	gamma-Chlordane	0.00	0.00	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Chlordene	0.00	0.00	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	alpha-Chlordene	0.00	0.01	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	beta-Chlordene	0.00	0.01	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	gamma-Chlordene	0.00	0.01	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	4-Chloro-3-methylphenol	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	4-Chloroaniline	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Chlorobenzene	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Chloroethane	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	bis(2-Chloroethoxy) methane	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	bis(2-Chloroethyl) ether	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Chloroform	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	2,2'-Chloroisopropylether	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Chloromethane	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	2-Chloronaphthalene	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	2-Chlorophenol	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	4-Chlorophenyl-phenylether	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	2-Chlorotoluene	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	4-Chlorotoluene	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Chromium	6.90	0.00	mg/Kg	Residence: 8 B W. 9th (Backyard)

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	2-Methylnaphthalene	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	2-Methylphenol	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	3/4-Methylphenol	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Molybdenum	0.00	0.00	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	N-Nitroso-di-n-propylamine	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	N-	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Naphthalene	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Nickel	4.00	0.00	mg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	2-Nitroaniline	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	3-Nitroaniline	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	4-Nitroaniline	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Nitrobenzene	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	2-Nitrophenol	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	4-Nitrophenol	0.00	7.70	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	cis-Nonachlor	0.01	0.00	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	trans-Nonachlor	0.01	0.00	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Oxychlorane	0.00	0.01	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Pentachlorophenol	0.00	7.70	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Percent Moisture	5.50	0.00	%	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Percent Moisture (Metals)	6.00	0.00	%	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Petroleum Products	0.00	0.00	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Phenanthrene	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Phenol	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Potassium	0.00	200.00	mg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Pyrene	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Selenium	0.00	4.00	mg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Silver	0.00	1.00	mg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Sodium	0.00	100.00	mg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Strontium	0.01	0.00	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Styrene	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Tellurium	0.00	0.01	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	1,1,1,2-Tetrachloroethane	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	1,1,2,2-Tetrachloroethane	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Tetrachloroethene	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	2,3,4,6-Tetrachlorophenol	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Thallium	0.00	10.00	mg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Tin	0.01	0.00	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Titanium	0.06	0.00	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Toluene	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Toxaphene	0.00	0.85	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	1,2,4-Trichlorobenzene	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	1,1,1-Trichloroethane	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	1,1,2-Trichloroethane	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Trichloroethene	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Trichlorofluoromethane	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	2,4,5-Trichlorophenol	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	2,4,6-Trichlorophenol	0.00	3.90	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	1,2,3-Trichloropropane	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Vanadium	9.50	0.00	mg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Vinyl chloride	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	o-Xylene	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	m&p-Xylene	0.00	0.09	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Yttrium	0.00	0.00	µg/Kg	Residence: 8 B W. 9th (Backyard)
95137-RES-14B	95137-RES-14B	5/17/1995	862574.5	430607.3	0	0	Zinc	110.00	0.00	mg/Kg	Residence: 8 B W. 9th (Backyard)
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Acenaphthene	0.00	0.28	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Acenaphthylene	0.00	0.28	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Anthracene	0.00	0.01	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Aroclor-1016	0.00	0.04	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Aroclor-1221	0.00	0.04	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Aroclor-1232	0.00	0.04	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Aroclor-1242	0.00	0.04	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Aroclor-1248	0.00	0.04	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Aroclor-1254	0.00	0.04	µg/Kg	

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Aroclor-1260	0.26	0.04	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Aroclor-1268	0.19	0.04	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Arsenic	0.93	1.02	mg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Benzo(a)anthracene	0.01	0.01	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Benzo(a)pyrene	0.01	0.01	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Benzo(b)fluoranthene	0.02	0.01	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Benzo(g,h,i)perylene	0.03	0.01	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Benzo(k)fluoranthene	0.01	0.01	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Chrysene	0.01	0.01	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Dibenzo(a,h)anthracene	0.00	0.01	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Fluoranthene	0.02	0.01	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Fluorene	0.00	0.03	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Indeno(1,2,3-cd)pyrene	0.01	0.01	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Lead	14.40	2.03	mg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Mercury	0.10	0.10	mg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	1-Methyl Naphthalene	0.00	0.35	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	2-Methylnaphthalene	0.00	0.35	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Naphthalene	0.00	0.35	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Percent Moisture	4.40	0.50	%	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Phenanthrene	0.01	0.01	µg/Kg	
30604-G1-(0-12)-C	G1	11/1/2004	862003.4	430431.6	0	1	Pyrene	0.02	0.03	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Acenaphthene	0.07	0.27	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Acenaphthylene	0.00	0.27	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Anthracene	0.00	0.01	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Aroclor-1016	0.00	0.04	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Aroclor-1221	0.00	0.04	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Aroclor-1232	0.00	0.04	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Aroclor-1242	0.00	0.04	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Aroclor-1248	0.00	0.04	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Aroclor-1254	0.00	0.04	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Aroclor-1260	0.31	0.04	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Aroclor-1268	0.23	0.04	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Arsenic	0.78	1.00	mg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Benzo(a)anthracene	0.02	0.01	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Benzo(a)pyrene	0.02	0.01	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Benzo(b)fluoranthene	0.04	0.01	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Benzo(g,h,i)perylene	0.06	0.01	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Benzo(k)fluoranthene	0.02	0.01	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Chrysene	0.04	0.01	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Dibenzo(a,h)anthracene	0.11	0.01	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Fluoranthene	0.01	0.01	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Fluorene	0.02	0.03	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Indeno(1,2,3-cd)pyrene	0.01	0.01	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Lead	18.20	2.01	mg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Mercury	0.19	0.10	mg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	1-Methyl Naphthalene	0.00	0.34	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	2-Methylnaphthalene	0.11	0.34	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Naphthalene	0.00	0.34	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Percent Moisture	2.30	0.50	%	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Phenanthrene	0.06	0.01	µg/Kg	
30604-G1-(0-3)-C	G1	11/1/2004	862003.4	430431.6	0	0.25	Pyrene	0.08	0.03	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Acenaphthene	0.00	0.29	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Anthracene	0.00	0.01	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Aroclor-1016	0.00	0.02	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Aroclor-1221	0.00	0.02	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Aroclor-1232	0.00	0.02	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Aroclor-1242	0.00	0.02	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Aroclor-1248	0.00	0.02	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Aroclor-1254	0.00	0.02	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Aroclor-1260	0.00	0.02	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Aroclor-1268	0.04	0.02	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Arsenic	1.24	1.08	mg/Kg	

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Benzo(a)anthracene	0.01	0.01	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Benzo(a)pyrene	0.01	0.01	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Benzo(b)fluoranthene	0.01	0.01	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Benzo(g,h,i)perylene	0.02	0.01	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Benzo(k)fluoranthene	0.00	0.01	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Chrysene	0.02	0.01	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Dibenzo(a,h)anthracene	0.00	0.01	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Fluoranthene	0.01	0.01	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Fluorene	0.00	0.03	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Indeno(1,2,3-cd)pyrene	0.03	0.01	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Lead	16.80	2.16	mg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Mercury	0.08	0.10	mg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	1-Methyl Naphthalene	0.10	0.36	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	2-Methylnaphthalene	0.14	0.36	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Naphthalene	0.06	0.36	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Percent Moisture	7.20	0.50	%	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Phenanthrene	0.01	0.01	µg/Kg	
30804-G10-(0-12)-C	G10	11/3/2004	862167.3	430071.1	0	1	Pyrene	0.01	0.03	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Acenaphthene	0.00	0.27	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Acenaphthylene	0.05	0.27	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Anthracene	0.00	0.01	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Aroclor-1016	0.00	0.02	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Aroclor-1221	0.00	0.02	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Aroclor-1232	0.00	0.02	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Aroclor-1242	0.00	0.02	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Aroclor-1248	0.00	0.02	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Aroclor-1254	0.00	0.02	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Aroclor-1260	0.00	0.02	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Aroclor-1268	0.03	0.02	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Arsenic	2.22	1.02	mg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Benzo(a)anthracene	0.01	0.01	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Benzo(a)pyrene	0.01	0.01	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Benzo(b)fluoranthene	0.01	0.01	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Benzo(g,h,i)perylene	0.03	0.01	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Benzo(k)fluoranthene	0.00	0.01	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Chrysene	0.02	0.01	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Dibenzo(a,h)anthracene	0.00	0.01	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Fluoranthene	0.01	0.01	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Fluorene	0.01	0.03	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Indeno(1,2,3-cd)pyrene	0.01	0.01	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Lead	16.50	2.05	mg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Mercury	0.12	0.10	mg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	1-Methyl Naphthalene	0.00	0.34	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	2-Methylnaphthalene	0.00	0.34	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Naphthalene	0.00	0.34	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Percent Moisture	2.40	0.50	%	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Phenanthrene	0.01	0.01	µg/Kg	
30804-G10-(0-3)-C	G10	11/3/2004	862167.3	430071.1	0	0.25	Pyrene	0.02	0.03	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Acenaphthene	0.00	0.28	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Acenaphthylene	0.06	0.28	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Anthracene	0.00	0.01	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Aroclor-1016	0.00	0.04	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Aroclor-1221	0.00	0.04	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Aroclor-1232	0.00	0.04	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Aroclor-1242	0.00	0.04	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Aroclor-1248	0.00	0.04	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Aroclor-1254	0.00	0.04	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Aroclor-1260	0.00	0.04	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Aroclor-1268	0.07	0.04	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Arsenic	1.41	1.01	mg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Benzo(a)anthracene	0.01	0.01	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Benzo(a)pyrene	0.01	0.01	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Benzo(b)fluoranthene	0.01	0.01	µg/Kg	

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Benzo(g,h,i)perylene	0.03	0.01	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Benzo(k)fluoranthene	0.00	0.01	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Chrysene	0.02	0.01	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Dibenzo(a,h)anthracene	0.00	0.01	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Fluoranthene	0.01	0.01	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Fluorene	0.00	0.03	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Indeno(1,2,3-cd)pyrene	0.01	0.01	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Lead	30.00	2.02	mg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Mercury	0.19	0.10	mg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	1-Methyl Naphthalene	0.00	0.35	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	2-Methylnaphthalene	0.11	0.35	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Naphthalene	0.05	0.35	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Percent Moisture	5.00	0.50	%	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Phenanthrene	0.01	0.01	µg/Kg	
30804-G11-(0-12)-C	G11	11/3/2004	861925.1	429941.8	0	1	Pyrene	0.02	0.03	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Acenaphthene	0.00	0.27	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Acenaphthylene	0.09	0.27	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Anthracene	0.00	0.01	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Aroclor-1016	0.00	0.09	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Aroclor-1221	0.00	0.09	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Aroclor-1232	0.00	0.09	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Aroclor-1242	0.00	0.09	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Aroclor-1248	0.00	0.09	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Aroclor-1254	0.00	0.09	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Aroclor-1260	0.00	0.09	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Aroclor-1268	0.07	0.09	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Arsenic	0.76	1.00	mg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Benzo(a)anthracene	0.01	0.01	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Benzo(a)pyrene	0.01	0.01	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Benzo(b)fluoranthene	0.02	0.01	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Benzo(g,h,i)perylene	0.03	0.01	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Benzo(k)fluoranthene	0.01	0.01	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Chrysene	0.02	0.01	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Dibenzo(a,h)anthracene	0.00	0.01	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Fluoranthene	0.02	0.01	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Fluorene	0.01	0.03	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Indeno(1,2,3-cd)pyrene	0.01	0.01	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Lead	24.20	1.99	mg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Mercury	0.10	0.10	mg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	1-Methyl Naphthalene	0.21	0.34	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	2-Methylnaphthalene	0.11	0.34	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Naphthalene	0.00	0.34	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Percent Moisture	2.50	0.50	%	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Phenanthrene	0.02	0.01	µg/Kg	
30804-G11-(0-3)-C	G11	11/3/2004	861925.1	429941.8	0	0.25	Pyrene	0.03	0.03	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Acenaphthene	1.10	0.29	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Acenaphthylene	0.00	0.29	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Anthracene	0.00	0.01	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Aroclor-1016	0.00	0.02	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Aroclor-1221	0.00	0.02	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Aroclor-1232	0.00	0.02	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Aroclor-1242	0.00	0.02	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Aroclor-1248	0.00	0.02	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Aroclor-1254	0.00	0.02	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Aroclor-1260	0.00	0.02	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Aroclor-1268	0.09	0.02	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Arsenic	1.91	1.09	mg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Benzo(a)anthracene	0.03	0.01	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Benzo(a)pyrene	0.03	0.02	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Benzo(b)fluoranthene	0.03	0.02	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Benzo(g,h,i)perylene	0.05	0.02	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Benzo(k)fluoranthene	0.01	0.01	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Chrysene	0.00	0.07	µg/Kg	

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Dibenzo(a,h)anthracene	0.01	0.01	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Fluoranthene	0.02	0.01	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Fluorene	0.01	0.03	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Indeno(1,2,3-cd)pyrene	0.03	0.02	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Lead	74.50	2.18	mg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Mercury	0.23	0.11	mg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	1-Methyl Naphthalene	0.21	0.37	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	2-Methylnaphthalene	0.14	0.37	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Naphthalene	0.00	0.37	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Percent Moisture	9.30	0.50	%	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Phenanthrene	0.02	0.02	µg/Kg	
30804-G12-(0-12)-C	G12	11/3/2004	862129.1	429934.5	0	1	Pyrene	0.00	0.09	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Acenaphthene	0.00	0.29	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Acenaphthylene	0.06	0.29	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Anthracene	0.00	0.01	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Aroclor-1016	0.00	0.02	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Aroclor-1221	0.00	0.02	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Aroclor-1232	0.00	0.02	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Aroclor-1242	0.00	0.02	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Aroclor-1248	0.00	0.02	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Aroclor-1254	0.00	0.02	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Aroclor-1260	0.00	0.02	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Aroclor-1268	0.10	0.02	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Arsenic	3.43	1.05	mg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Benzo(a)anthracene	0.04	0.01	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Benzo(a)pyrene	0.05	0.01	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Benzo(b)fluoranthene	0.04	0.01	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Benzo(g,h,i)perylene	0.08	0.01	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Benzo(k)fluoranthene	0.02	0.01	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Chrysene	0.05	0.01	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Dibenzo(a,h)anthracene	0.00	0.02	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Fluoranthene	0.05	0.01	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Fluorene	0.01	0.03	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Indeno(1,2,3-cd)pyrene	0.04	0.01	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Lead	114.00	2.11	mg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Mercury	0.09	0.11	mg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	1-Methyl Naphthalene	0.00	0.36	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	2-Methylnaphthalene	0.00	0.36	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Naphthalene	0.00	0.36	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Percent Moisture	7.90	0.50	%	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Phenanthrene	0.02	0.01	µg/Kg	
30804-G12-(0-3)-C	G12	11/3/2004	862129.1	429934.5	0	0.25	Pyrene	0.07	0.03	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Acenaphthene	0.00	0.29	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Acenaphthylene	0.05	0.29	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Anthracene	0.00	0.01	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Aroclor-1016	0.00	0.02	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Aroclor-1221	0.00	0.02	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Aroclor-1232	0.00	0.02	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Aroclor-1242	0.00	0.02	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Aroclor-1248	0.00	0.02	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Aroclor-1254	0.00	0.02	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Aroclor-1260	0.00	0.02	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Aroclor-1268	0.09	0.02	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Arsenic	0.00	1.08	mg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Benzo(a)anthracene	0.02	0.01	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Benzo(a)pyrene	0.03	0.01	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Benzo(b)fluoranthene	0.02	0.01	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Benzo(g,h,i)perylene	0.07	0.01	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Benzo(k)fluoranthene	0.01	0.01	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Chrysene	0.04	0.01	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Dibenzo(a,h)anthracene	0.02	0.01	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Fluoranthene	0.03	0.01	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Fluorene	0.00	0.03	µg/Kg	

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Indeno(1,2,3-cd)pyrene	0.03	0.01	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Lead	67.10	2.17	mg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Mercury	0.44	0.10	mg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	1-Methyl Naphthalene	0.00	0.36	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	2-Methylnaphthalene	0.15	0.36	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Naphthalene	0.09	0.36	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Percent Moisture	7.80	0.50	%	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Phenanthrene	0.02	0.01	µg/Kg	
30804-G13-(0-12)-C	G13	11/3/2004	862467.7	430018.3	0	1	Pyrene	0.05	0.03	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Acenaphthene	0.06	0.29	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Acenaphthylene	0.05	0.29	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Anthracene	0.00	0.01	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Aroclor-1016	0.00	0.04	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Aroclor-1221	0.00	0.04	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Aroclor-1232	0.00	0.04	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Aroclor-1242	0.00	0.04	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Aroclor-1248	0.00	0.04	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Aroclor-1254	0.00	0.04	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Aroclor-1260	0.00	0.04	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Aroclor-1268	0.21	0.04	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Arsenic	1.16	1.08	mg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Benzo(a)anthracene	0.04	0.01	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Benzo(a)pyrene	0.05	0.02	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Benzo(b)fluoranthene	0.05	0.02	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Benzo(g,h,i)perylene	0.10	0.02	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Benzo(k)fluoranthene	0.01	0.01	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Chrysene	0.07	0.02	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Dibenzo(a,h)anthracene	0.02	0.01	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Fluoranthene	0.05	0.01	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Fluorene	0.02	0.03	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Indeno(1,2,3-cd)pyrene	0.04	0.02	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Lead	90.30	2.15	mg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Mercury	0.17	0.10	mg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	1-Methyl Naphthalene	0.15	0.37	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	2-Methylnaphthalene	0.19	0.37	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Naphthalene	0.06	0.37	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Percent Moisture	8.90	0.50	%	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Phenanthrene	0.03	0.02	µg/Kg	
30804-G13-(0-3)-C	G13	11/3/2004	862467.7	430018.3	0	0.25	Pyrene	0.09	0.03	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Acenaphthene	0.07	0.29	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Acenaphthylene	0.11	0.29	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Anthracene	0.01	0.01	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Aroclor-1016	0.00	0.04	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Aroclor-1221	0.00	0.04	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Aroclor-1232	0.00	0.04	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Aroclor-1242	0.00	0.04	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Aroclor-1248	0.00	0.04	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Aroclor-1254	0.00	0.04	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Aroclor-1260	0.00	0.04	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Aroclor-1268	0.18	0.04	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Arsenic	2.41	1.07	mg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Benzo(a)anthracene	0.11	0.01	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Benzo(a)pyrene	0.13	0.01	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Benzo(b)fluoranthene	0.10	0.01	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Benzo(g,h,i)perylene	0.29	0.01	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Benzo(k)fluoranthene	0.02	0.01	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Chrysene	0.18	0.01	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Dibenzo(a,h)anthracene	0.06	0.01	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Fluoranthene	0.12	0.01	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Fluorene	0.01	0.03	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Indeno(1,2,3-cd)pyrene	0.14	0.01	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Lead	96.40	2.14	mg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Mercury	0.32	0.10	mg/Kg	

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	1-Methyl Naphthalene	0.09	0.36	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	2-Methylnaphthalene	0.29	0.36	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Naphthalene	0.08	0.36	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Percent Moisture	6.70	0.50	%	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Phenanthrene	0.09	0.01	µg/Kg	
30804-G14-(0-12)-C	G14	11/3/2004	862684.4	430005.5	0	1	Pyrene	0.22	0.03	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Acenaphthene	0.10	0.29	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Acenaphthylene	0.12	0.29	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Anthracene	0.01	0.01	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Aroclor-1016	0.00	0.04	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Aroclor-1221	0.00	0.04	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Aroclor-1232	0.00	0.04	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Aroclor-1242	0.00	0.04	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Aroclor-1248	0.00	0.04	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Aroclor-1254	0.00	0.04	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Aroclor-1260	0.00	0.04	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Aroclor-1268	0.25	0.04	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Arsenic	4.25	1.08	mg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Benzo(a)anthracene	0.13	0.01	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Benzo(a)pyrene	0.15	0.07	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Benzo(b)fluoranthene	0.12	0.07	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Benzo(g,h,i)perylene	0.32	0.01	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Benzo(k)fluoranthene	0.04	0.01	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Chrysene	0.22	0.01	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Dibenzo(a,h)anthracene	0.06	0.01	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Fluoranthene	0.13	0.01	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Fluorene	0.01	0.03	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Indeno(1,2,3-cd)pyrene	0.14	0.01	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Lead	259.00	2.16	mg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Mercury	0.17	0.10	mg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	1-Methyl Naphthalene	0.13	0.36	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	2-Methylnaphthalene	0.31	0.36	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Naphthalene	0.08	0.36	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Percent Moisture	7.20	0.50	%	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Phenanthrene	0.08	0.01	µg/Kg	
30804-G14-(0-3)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Pyrene	0.25	0.03	µg/Kg	
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Acenaphthene	0.00	1.40	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Acenaphthylene	0.00	1.40	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Anthracene	0.01	0.03	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Aroclor-1016	0.00	0.02	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Aroclor-1221	0.00	0.02	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Aroclor-1232	0.00	0.02	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Aroclor-1242	0.00	0.02	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Aroclor-1248	0.00	0.02	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Aroclor-1254	0.00	0.02	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Aroclor-1260	0.00	0.02	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Aroclor-1268	0.21	0.02	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Arsenic	3.70	1.06	mg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Benzo(a)anthracene	0.12	0.04	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Benzo(a)pyrene	0.13	0.07	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Benzo(b)fluoranthene	0.11	0.07	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Benzo(g,h,i)perylene	0.26	0.07	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Benzo(k)fluoranthene	0.03	0.04	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Chrysene	0.23	0.07	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Dibenzo(a,h)anthracene	0.06	0.03	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Fluoranthene	0.11	0.03	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Fluorene	0.00	0.14	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Indeno(1,2,3-cd)pyrene	0.10	0.07	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Lead	217.00	2.12	mg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Mercury	0.26	0.10	mg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	1-Methyl Naphthalene	0.00	1.80	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	2-Methylnaphthalene	0.00	1.80	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Naphthalene	0.00	1.80	µg/Kg	Dup of 30804-G14-(0-3)-C

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Percent Moisture	6.50	0.50	%	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Phenanthrene	0.06	0.07	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-GX-(0-X)-C	G14	11/3/2004	862684.4	430005.5	0	0.25	Pyrene	0.22	0.14	µg/Kg	Dup of 30804-G14-(0-3)-C
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Acenaphthene	0.00	0.29	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Acenaphthylene	0.06	0.29	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Anthracene	0.00	0.01	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Aroclor-1016	0.00	0.09	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Aroclor-1221	0.00	0.09	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Aroclor-1232	0.00	0.09	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Aroclor-1242	0.00	0.09	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Aroclor-1248	0.00	0.09	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Aroclor-1254	0.00	0.09	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Aroclor-1260	0.00	0.09	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Aroclor-1268	0.11	0.09	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Arsenic	0.98	1.04	mg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Benzo(a)anthracene	0.06	0.01	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Benzo(a)pyrene	0.07	0.01	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Benzo(b)fluoranthene	0.05	0.01	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Benzo(g,h,i)perylene	0.12	0.01	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Benzo(k)fluoranthene	0.01	0.01	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Chrysene	0.08	0.01	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Dibenzo(a,h)anthracene	0.03	0.01	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Fluoranthene	0.00	0.05	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Fluorene	0.01	0.03	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Indeno(1,2,3-cd)pyrene	0.05	0.01	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Lead	99.30	2.07	mg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Mercury	0.24	0.11	mg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	1-Methyl Naphthalene	0.10	0.36	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	2-Methylnaphthalene	0.13	0.36	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Naphthalene	0.06	0.36	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Percent Moisture	7.20	0.50	%	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Phenanthrene	0.02	0.01	µg/Kg	
30804-G15-(0-12)-C	G15	11/3/2004	862414.9	429885.4	0	1	Pyrene	0.10	0.03	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Acenaphthene	0.00	0.29	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Acenaphthylene	0.09	0.29	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Anthracene	0.00	0.01	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Aroclor-1016	0.00	0.04	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Aroclor-1221	0.00	0.04	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Aroclor-1232	0.00	0.04	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Aroclor-1242	0.00	0.04	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Aroclor-1248	0.00	0.04	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Aroclor-1254	0.00	0.04	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Aroclor-1260	0.00	0.04	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Aroclor-1268	0.10	0.04	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Arsenic	1.12	1.08	mg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Benzo(a)anthracene	0.03	0.01	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Benzo(a)pyrene	0.04	0.01	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Benzo(b)fluoranthene	0.03	0.01	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Benzo(g,h,i)perylene	0.09	0.01	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Benzo(k)fluoranthene	0.01	0.01	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Chrysene	0.05	0.01	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Dibenzo(a,h)anthracene	0.00	0.02	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Fluoranthene	0.03	0.01	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Fluorene	0.03	0.03	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Indeno(1,2,3-cd)pyrene	0.05	0.01	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Lead	935.00	2.16	mg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Mercury	0.12	0.10	mg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	1-Methyl Naphthalene	0.29	0.36	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	2-Methylnaphthalene	0.13	0.36	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Naphthalene	0.00	0.36	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Percent Moisture	7.50	0.50	%	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Phenanthrene	0.02	0.01	µg/Kg	
30804-G15-(0-3)-C	G15	11/3/2004	862414.9	429885.4	0	0.25	Pyrene	0.05	0.03	µg/Kg	

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30804-G-15-0(0-3)-1	G15	11/3/2004	862414.9	429885.4	0	0.25	Lead	20.60	2.07	mg/Kg	Grab sample from G15
30804-G-15-0(0-3)-1	G15	11/3/2004	862414.9	429885.4	0	0.25	Percent Moisture	3.60	0.50	%	Grab sample from G15
30804-G-15-0(0-3)-2	G15	11/3/2004	862414.9	429885.4	0	0.25	Lead	29.10	2.04	mg/Kg	Grab sample from G15
30804-G-15-0(0-3)-2	G15	11/3/2004	862414.9	429885.4	0	0.25	Percent Moisture	2.20	0.50	%	Grab sample from G15
30804-G-15-0(0-3)-3	G15	11/3/2004	862414.9	429885.4	0	0.25	Lead	23.40	2.10	mg/Kg	Grab sample from G15
30804-G-15-0(0-3)-3	G15	11/3/2004	862414.9	429885.4	0	0.25	Percent Moisture	6.80	0.50	%	Grab sample from G15
30804-G-15-0(0-3)-4	G15	11/3/2004	862414.9	429885.4	0	0.25	Lead	2050.00	2.03	mg/Kg	Grab sample from G15
30804-G-15-0(0-3)-4	G15	11/3/2004	862414.9	429885.4	0	0.25	Percent Moisture	4.40	0.50	%	Grab sample from G15
30804-G-15-0(0-3)-5	G15	11/3/2004	862414.9	429885.4	0	0.25	Lead	211.00	2.30	mg/Kg	Grab sample from G15
30804-G-15-0(0-3)-5	G15	11/3/2004	862414.9	429885.4	0	0.25	Percent Moisture	13.90	0.50	%	Grab sample from G15
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Acenaphthene	0.00	0.29	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Acenaphthylene	0.05	0.29	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Anthracene	0.00	0.01	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Aroclor-1016	0.00	0.02	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Aroclor-1221	0.00	0.02	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Aroclor-1232	0.00	0.02	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Aroclor-1242	0.00	0.02	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Aroclor-1248	0.00	0.02	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Aroclor-1254	0.00	0.02	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Aroclor-1260	0.00	0.02	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Aroclor-1268	0.12	0.02	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Arsenic	1.41	1.04	mg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Benzo(a)anthracene	0.07	0.01	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Benzo(a)pyrene	0.08	0.01	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Benzo(b)fluoranthene	0.07	0.01	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Benzo(g,h,i)perylene	0.16	0.01	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Benzo(k)fluoranthene	0.02	0.01	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Chrysene	0.11	0.01	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Dibenzo(a,h)anthracene	0.04	0.01	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Fluoranthene	0.08	0.01	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Fluorene	0.01	0.03	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Indeno(1,2,3-cd)pyrene	0.07	0.01	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Lead	167.00	2.08	mg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Mercury	0.23	0.11	mg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	1-Methyl Naphthalene	0.09	0.36	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	2-Methylnaphthalene	0.25	0.36	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Naphthalene	0.09	0.36	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Percent Moisture	6.80	0.50	%	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Phenanthrene	0.04	0.01	µg/Kg	
30904-G16-(0-12)-C	G16	11/4/2004	862695.3	429839.8	0	1	Pyrene	0.13	0.03	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Acenaphthene	0.00	0.29	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Acenaphthylene	0.00	0.29	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Anthracene	0.00	0.01	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Aroclor-1016	0.00	0.02	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Aroclor-1221	0.00	0.02	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Aroclor-1232	0.00	0.02	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Aroclor-1242	0.00	0.02	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Aroclor-1248	0.00	0.02	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Aroclor-1254	0.00	0.02	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Aroclor-1260	0.00	0.02	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Aroclor-1268	0.08	0.02	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Arsenic	2.43	1.09	mg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Benzo(a)anthracene	0.04	0.01	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Benzo(a)pyrene	0.04	0.02	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Benzo(b)fluoranthene	0.07	0.02	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Benzo(g,h,i)perylene	0.09	0.02	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Benzo(k)fluoranthene	0.03	0.01	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Chrysene	0.06	0.02	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Dibenzo(a,h)anthracene	0.02	0.01	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Fluoranthene	0.06	0.01	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Fluorene	0.01	0.03	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Indeno(1,2,3-cd)pyrene	0.04	0.02	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Lead	119.00	2.18	mg/Kg	

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Mercury	0.28	0.10	mg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	1-Methyl Naphthalene	0.13	0.36	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	2-Methylnaphthalene	0.16	0.36	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Naphthalene	0.21	0.36	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Percent Moisture	8.30	0.50	%	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Phenanthrene	0.02	0.02	µg/Kg	
30904-G16-(0-3)-C	G16	11/4/2004	862695.3	429839.8	0	0.25	Pyrene	0.08	0.03	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Acenaphthene	0.00	0.28	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Acenaphthylene	0.00	0.28	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Anthracene	0.00	0.01	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Aroclor-1016	0.00	0.02	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Aroclor-1221	0.00	0.02	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Aroclor-1232	0.00	0.02	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Aroclor-1242	0.00	0.02	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Aroclor-1248	0.00	0.02	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Aroclor-1254	0.00	0.02	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Aroclor-1260	0.00	0.02	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Aroclor-1268	0.10	0.02	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Arsenic	1.18	1.03	mg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Benzo(a)anthracene	0.01	0.01	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Benzo(a)pyrene	0.01	0.01	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Benzo(b)fluoranthene	0.01	0.01	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Benzo(g,h,i)perylene	0.03	0.01	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Benzo(k)fluoranthene	0.01	0.01	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Chrysene	0.02	0.01	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Dibenzo(a,h)anthracene	0.00	0.01	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Fluoranthene	0.02	0.01	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Fluorene	0.00	0.03	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Indeno(1,2,3-cd)pyrene	0.01	0.01	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Lead	28.80	2.05	mg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Mercury	0.11	0.10	mg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	1-Methyl Naphthalene	0.17	0.36	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	2-Methylnaphthalene	0.14	0.36	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Naphthalene	0.15	0.36	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Percent Moisture	6.40	0.50	%	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Phenanthrene	0.02	0.01	µg/Kg	
30604-G2-(0-12)-C	G2	11/1/2004	862207.3	430415.2	0	1	Pyrene	0.02	0.03	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Acenaphthene	0.00	0.28	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Acenaphthylene	0.00	0.28	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Anthracene	0.00	0.01	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Aroclor-1016	0.00	0.02	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Aroclor-1221	0.00	0.02	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Aroclor-1232	0.00	0.02	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Aroclor-1242	0.00	0.02	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Aroclor-1248	0.00	0.02	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Aroclor-1254	0.00	0.02	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Aroclor-1260	0.00	0.02	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Aroclor-1268	0.09	0.02	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Arsenic	1.16	1.02	mg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Benzo(a)anthracene	0.02	0.01	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Benzo(a)pyrene	0.02	0.01	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Benzo(b)fluoranthene	0.03	0.01	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Benzo(g,h,i)perylene	0.04	0.01	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Benzo(k)fluoranthene	0.01	0.01	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Chrysene	0.02	0.01	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Dibenzo(a,h)anthracene	0.01	0.01	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Fluoranthene	0.04	0.01	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Fluorene	0.00	0.03	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Indeno(1,2,3-cd)pyrene	0.02	0.01	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Lead	20.60	2.03	mg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Mercury	0.26	0.10	mg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	1-Methyl Naphthalene	0.00	0.35	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	2-Methylnaphthalene	0.00	0.35	µg/Kg	

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Naphthalene	0.09	0.35	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Percent Moisture	3.50	0.50	%	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Phenanthrene	0.02	0.01	µg/Kg	
30604-G2-(0-3)-C	G2	11/1/2004	862207.3	430415.2	0	0.25	Pyrene	0.04	0.03	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Acenaphthene	0.00	0.28	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Acenaphthylene	0.00	0.28	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Anthracene	0.00	0.01	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Aroclor-1016	0.00	0.02	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Aroclor-1221	0.00	0.02	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Aroclor-1232	0.00	0.02	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Aroclor-1242	0.00	0.02	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Aroclor-1248	0.00	0.02	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Aroclor-1254	0.00	0.02	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Aroclor-1260	0.00	0.02	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Aroclor-1268	0.13	0.02	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Arsenic	0.97	1.05	mg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Benzo(a)anthracene	0.01	0.01	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Benzo(a)pyrene	0.01	0.01	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Benzo(b)fluoranthene	0.01	0.01	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Benzo(g,h,i)perylene	0.02	0.01	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Benzo(k)fluoranthene	0.01	0.01	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Chrysene	0.01	0.01	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Dibenzo(a,h)anthracene	0.00	0.01	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Fluoranthene	0.02	0.01	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Fluorene	0.00	0.03	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Indeno(1,2,3-cd)pyrene	0.00	0.01	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Lead	11.80	2.10	mg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Mercury	0.14	0.10	mg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	1-Methyl Naphthalene	0.14	0.35	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	2-Methylnaphthalene	0.09	0.35	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Naphthalene	0.00	0.35	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Percent Moisture	5.60	0.50	%	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Phenanthrene	0.01	0.01	µg/Kg	
30604-G3-(0-12)-C	G3	11/1/2004	861968.8	430255	0	1	Pyrene	0.03	0.03	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Acenaphthene	0.00	0.28	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Acenaphthylene	0.00	0.28	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Anthracene	0.00	0.01	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Aroclor-1016	0.00	0.02	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Aroclor-1221	0.00	0.02	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Aroclor-1232	0.00	0.02	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Aroclor-1242	0.00	0.02	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Aroclor-1248	0.00	0.02	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Aroclor-1254	0.00	0.02	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Aroclor-1260	0.00	0.02	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Aroclor-1268	0.12	0.02	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Arsenic	0.97	1.03	mg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Benzo(a)anthracene	0.02	0.01	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Benzo(a)pyrene	0.03	0.01	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Benzo(b)fluoranthene	0.03	0.01	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Benzo(g,h,i)perylene	0.05	0.01	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Benzo(k)fluoranthene	0.02	0.01	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Chrysene	0.03	0.01	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Dibenzo(a,h)anthracene	0.01	0.01	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Fluoranthene	0.06	0.01	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Fluorene	0.01	0.03	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Indeno(1,2,3-cd)pyrene	0.02	0.01	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Lead	12.20	2.07	mg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Mercury	0.15	0.10	mg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	1-Methyl Naphthalene	0.12	0.34	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	2-Methylnaphthalene	0.11	0.34	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Naphthalene	0.07	0.34	µg/Kg	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Percent Moisture	3.20	0.50	%	
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Phenanthrene	0.02	0.01	µg/Kg	

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30604-G3-(0-3)-C	G3	11/1/2004	861968.8	430255	0	0.25	Pyrene	0.05	0.03	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Acenaphthene	0.00	0.29	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Acenaphthylene	0.00	0.29	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Anthracene	0.00	0.01	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Aroclor-1016	0.00	0.02	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Aroclor-1221	0.00	0.02	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Aroclor-1232	0.00	0.02	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Aroclor-1242	0.00	0.02	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Aroclor-1248	0.00	0.02	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Aroclor-1254	0.00	0.02	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Aroclor-1260	0.00	0.02	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Aroclor-1268	0.24	0.02	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Arsenic	0.96	1.08	mg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Benzo(a)anthracene	0.14	0.01	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Benzo(a)pyrene	0.13	0.07	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Benzo(b)fluoranthene	0.14	0.07	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Benzo(g,h,i)perylene	0.24	0.01	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Benzo(k)fluoranthene	0.08	0.01	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Chrysene	0.20	0.01	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Dibenzo(a,h)anthracene	0.05	0.01	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Fluoranthene	0.15	0.01	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Fluorene	0.01	0.03	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Indeno(1,2,3-cd)pyrene	0.12	0.01	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Lead	109.00	2.16	mg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Mercury	0.41	0.11	mg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	1-Methyl Naphthalene	0.00	0.36	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	2-Methylnaphthalene	0.15	0.36	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Naphthalene	0.00	0.36	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Percent Moisture	7.50	0.50	%	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Phenanthrene	0.03	0.01	µg/Kg	
30904-G33-(0-12)-C	G33	11/4/2004	862498.6	430549.9	0	1	Pyrene	0.24	0.03	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Acenaphthene	0.00	0.29	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Acenaphthylene	0.05	0.29	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Anthracene	0.01	0.01	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Aroclor-1016	0.00	0.04	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Aroclor-1221	0.00	0.04	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Aroclor-1232	0.00	0.04	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Aroclor-1242	0.00	0.04	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Aroclor-1248	0.00	0.04	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Aroclor-1254	0.02	0.04	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Aroclor-1260	0.00	0.04	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Aroclor-1268	0.36	0.04	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Arsenic	1.02	1.06	mg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Benzo(a)anthracene	0.32	0.04	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Benzo(a)pyrene	0.39	0.07	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Benzo(b)fluoranthene	0.56	0.07	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Benzo(g,h,i)perylene	0.48	0.02	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Benzo(k)fluoranthene	0.26	0.04	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Chrysene	0.40	0.02	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Dibenzo(a,h)anthracene	0.09	0.01	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Fluoranthene	0.30	0.03	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Fluorene	0.01	0.03	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Indeno(1,2,3-cd)pyrene	0.26	0.02	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Lead	111.00	2.12	mg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Mercury	1.34	0.52	mg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	1-Methyl Naphthalene	0.10	0.36	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	2-Methylnaphthalene	0.32	0.36	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Naphthalene	0.00	0.36	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Percent Moisture	8.50	0.50	%	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Phenanthrene	0.05	0.02	µg/Kg	
30904-G33-(0-3)-C	G33	11/4/2004	862498.6	430549.9	0	0.25	Pyrene	0.62	0.03	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Acenaphthene	0.16	0.28	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Acenaphthylene	0.05	0.28	µg/Kg	

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Anthracene	0.01	0.01	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Aroclor-1016	0.00	0.02	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Aroclor-1221	0.00	0.02	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Aroclor-1232	0.00	0.02	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Aroclor-1242	0.00	0.02	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Aroclor-1248	0.00	0.02	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Aroclor-1254	0.00	0.02	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Aroclor-1260	0.00	0.02	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Aroclor-1268	0.12	0.02	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Arsenic	0.90	1.04	mg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Benzo(a)anthracene	0.06	0.01	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Benzo(a)pyrene	0.06	0.01	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Benzo(b)fluoranthene	0.06	0.01	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Benzo(g,h,i)perylene	0.12	0.01	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Benzo(k)fluoranthene	0.03	0.01	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Chrysene	0.08	0.01	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Dibenzo(a,h)anthracene	0.03	0.01	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Fluoranthene	0.11	0.01	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Fluorene	0.00	0.03	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Indeno(1,2,3-cd)pyrene	0.06	0.01	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Lead	58.80	2.07	mg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Mercury	0.19	0.10	mg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	1-Methyl Naphthalene	0.00	0.35	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	2-Methylnaphthalene	0.11	0.35	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Naphthalene	0.00	0.35	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Percent Moisture	4.40	0.50	%	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Phenanthrene	0.05	0.01	µg/Kg	
30904-G34-(0-12)-C	G34	11/4/2004	862762.6	430500.8	0	1	Pyrene	0.11	0.03	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Acenaphthene	0.29	0.28	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Acenaphthylene	0.06	0.28	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Anthracene	0.01	0.01	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Aroclor-1016	0.00	0.02	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Aroclor-1221	0.00	0.02	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Aroclor-1232	0.00	0.02	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Aroclor-1242	0.00	0.02	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Aroclor-1248	0.00	0.02	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Aroclor-1254	0.04	0.02	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Aroclor-1260	0.00	0.02	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Aroclor-1268	0.14	0.02	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Arsenic	0.63	0.99	mg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Benzo(a)anthracene	0.04	0.01	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Benzo(a)pyrene	0.05	0.01	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Benzo(b)fluoranthene	0.06	0.01	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Benzo(g,h,i)perylene	0.13	0.01	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Benzo(k)fluoranthene	0.02	0.01	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Chrysene	0.06	0.01	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Dibenzo(a,h)anthracene	0.03	0.01	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Fluoranthene	0.08	0.01	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Fluorene	0.00	0.03	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Indeno(1,2,3-cd)pyrene	0.05	0.01	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Lead	57.70	1.97	mg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Mercury	0.30	0.10	mg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	1-Methyl Naphthalene	0.00	0.34	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	2-Methylnaphthalene	0.10	0.34	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Naphthalene	0.00	0.34	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Percent Moisture	3.30	0.50	%	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Phenanthrene	0.03	0.01	µg/Kg	
30904-G34-(0-3)-C	G34	11/4/2004	862762.6	430500.8	0	0.25	Pyrene	0.08	0.03	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Acenaphthene	0.05	0.29	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Acenaphthylene	0.00	0.29	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Anthracene	0.00	0.01	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Aroclor-1016	0.00	0.04	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Aroclor-1221	0.00	0.04	µg/Kg	

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Aroclor-1232	0.00	0.04	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Aroclor-1242	0.00	0.04	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Aroclor-1248	0.00	0.04	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Aroclor-1254	0.01	0.04	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Aroclor-1260	0.00	0.04	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Aroclor-1268	0.24	0.04	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Arsenic	1.34	1.05	mg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Benzo(a)anthracene	0.03	0.01	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Benzo(a)pyrene	0.04	0.01	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Benzo(b)fluoranthene	0.06	0.01	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Benzo(g,h,i)perylene	0.06	0.01	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Benzo(k)fluoranthene	0.03	0.01	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Chrysene	0.05	0.01	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Dibenzo(a,h)anthracene	0.01	0.01	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Fluoranthene	0.04	0.01	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Fluorene	0.02	0.03	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Indeno(1,2,3-cd)pyrene	0.03	0.01	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Lead	55.20	2.11	mg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Mercury	0.28	0.11	mg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	1-Methyl Naphthalene	0.09	0.36	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	2-Methylnaphthalene	0.11	0.36	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Naphthalene	0.07	0.36	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Percent Moisture	7.90	0.50	%	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Phenanthrene	0.01	0.01	µg/Kg	
30904-G35-(0-12)-C	G35	11/4/2004	862759	430752	0	1	Pyrene	0.07	0.03	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Acenaphthene	0.00	0.29	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Acenaphthylene	0.00	0.29	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Anthracene	0.01	0.01	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Aroclor-1016	0.00	0.04	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Aroclor-1221	0.00	0.04	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Aroclor-1232	0.00	0.04	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Aroclor-1242	0.00	0.04	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Aroclor-1248	0.00	0.04	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Aroclor-1254	0.02	0.04	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Aroclor-1260	0.00	0.04	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Aroclor-1268	0.45	0.04	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Arsenic	2.28	1.09	mg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Benzo(a)anthracene	0.45	0.07	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Benzo(a)pyrene	0.62	0.15	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Benzo(b)fluoranthene	0.96	0.15	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Benzo(g,h,i)perylene	0.92	0.15	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Benzo(k)fluoranthene	0.43	0.07	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Chrysene	0.59	0.15	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Dibenzo(a,h)anthracene	0.15	0.01	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Fluoranthene	0.41	0.06	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Fluorene	0.04	0.03	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Indeno(1,2,3-cd)pyrene	0.48	0.02	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Lead	90.50	2.18	mg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Mercury	1.03	0.52	mg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	1-Methyl Naphthalene	0.00	0.37	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	2-Methylnaphthalene	0.00	0.37	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Naphthalene	0.00	0.37	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Percent Moisture	9.00	0.50	%	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Phenanthrene	0.04	0.02	µg/Kg	
30904-G35-(0-3)-C	G35	11/4/2004	862759	430752	0	0.25	Pyrene	1.10	0.03	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Acenaphthene	0.00	0.28	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Acenaphthylene	0.00	0.28	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Anthracene	0.05	0.01	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Aroclor-1016	0.00	0.04	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Aroclor-1221	0.00	0.04	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Aroclor-1232	0.00	0.04	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Aroclor-1242	0.00	0.04	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Aroclor-1248	0.00	0.04	µg/Kg	

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Aroclor-1254	0.00	0.04	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Aroclor-1260	0.00	0.04	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Aroclor-1268	0.44	0.04	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Arsenic	2.79	1.04	mg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Benzo(a)anthracene	0.02	0.01	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Benzo(a)pyrene	0.02	0.01	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Benzo(b)fluoranthene	0.02	0.01	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Benzo(g,h,i)perylene	0.04	0.01	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Benzo(k)fluoranthene	0.01	0.01	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Chrysene	0.03	0.01	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Dibenzo(a,h)anthracene	0.00	0.01	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Fluoranthene	0.03	0.01	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Fluorene	0.01	0.03	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Indeno(1,2,3-cd)pyrene	0.02	0.01	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Lead	92.80	2.08	mg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Mercury	0.49	0.10	mg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	1-Methyl Naphthalene	0.39	0.35	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	2-Methylnaphthalene	0.19	0.35	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Naphthalene	0.11	0.35	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Percent Moisture	5.60	0.50	%	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Phenanthrene	0.00	0.01	µg/Kg	
30904-G36-(0-12)-C	G36	11/4/2004	862824.6	430955.9	0	1	Pyrene	0.04	0.03	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Acenaphthene	0.00	0.28	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Acenaphthylene	0.00	0.28	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Anthracene	0.00	0.01	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Aroclor-1016	0.00	0.02	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Aroclor-1221	0.00	0.02	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Aroclor-1232	0.00	0.02	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Aroclor-1242	0.00	0.02	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Aroclor-1248	0.00	0.02	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Aroclor-1254	0.00	0.02	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Aroclor-1260	0.00	0.02	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Aroclor-1268	0.15	0.02	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Arsenic	1.00	1.02	mg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Benzo(a)anthracene	0.01	0.01	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Benzo(a)pyrene	0.02	0.01	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Benzo(b)fluoranthene	0.02	0.01	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Benzo(g,h,i)perylene	0.03	0.01	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Benzo(k)fluoranthene	0.01	0.01	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Chrysene	0.02	0.01	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Dibenzo(a,h)anthracene	0.01	0.01	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Fluoranthene	0.02	0.01	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Fluorene	0.00	0.03	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Indeno(1,2,3-cd)pyrene	0.01	0.01	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Lead	40.50	2.03	mg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Mercury	0.24	0.10	mg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	1-Methyl Naphthalene	0.00	0.35	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	2-Methylnaphthalene	0.00	0.35	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Naphthalene	0.00	0.35	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Percent Moisture	3.60	0.50	%	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Phenanthrene	0.01	0.01	µg/Kg	
30904-G36-(0-3)-C	G36	11/4/2004	862824.6	430955.9	0	0.25	Pyrene	0.05	0.03	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Acenaphthene	0.00	0.28	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Acenaphthylene	0.00	0.28	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Anthracene	0.00	0.01	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Aroclor-1016	0.00	0.02	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Aroclor-1221	0.00	0.02	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Aroclor-1232	0.00	0.02	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Aroclor-1242	0.00	0.02	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Aroclor-1248	0.00	0.02	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Aroclor-1254	0.00	0.02	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Aroclor-1260	0.00	0.02	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Aroclor-1268	0.06	0.02	µg/Kg	

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Arsenic	3.10	1.06	mg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Benzo(a)anthracene	0.01	0.01	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Benzo(a)pyrene	0.01	0.01	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Benzo(b)fluoranthene	0.02	0.01	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Benzo(g,h,i)perylene	0.03	0.01	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Benzo(k)fluoranthene	0.01	0.01	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Chrysene	0.01	0.01	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Dibenzo(a,h)anthracene	0.00	0.01	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Fluoranthene	0.03	0.01	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Fluorene	0.00	0.03	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Indeno(1,2,3-cd)pyrene	0.00	0.01	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Lead	54.90	2.12	mg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Mercury	0.11	0.10	mg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	1-Methyl Naphthalene	0.00	0.35	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	2-Methylnaphthalene	0.00	0.35	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Naphthalene	0.00	0.35	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Percent Moisture	5.60	0.50	%	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Phenanthrene	0.01	0.01	µg/Kg	
30604-G4-(0-12)-C	G4	11/1/2004	862189.1	430216.8	0	1	Pyrene	0.02	0.03	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Acenaphthene	0.00	1.10	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Acenaphthylene	0.00	1.10	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Anthracene	0.00	0.02	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Aroclor-1016	0.00	0.02	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Aroclor-1221	0.00	0.02	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Aroclor-1232	0.00	0.02	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Aroclor-1242	0.00	0.02	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Aroclor-1248	0.00	0.02	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Aroclor-1254	0.00	0.02	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Aroclor-1260	0.00	0.02	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Aroclor-1268	0.07	0.02	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Arsenic	2.20	1.04	mg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Benzo(a)anthracene	0.02	0.03	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Benzo(a)pyrene	0.03	0.06	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Benzo(b)fluoranthene	0.03	0.06	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Benzo(g,h,i)perylene	0.08	0.06	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Benzo(k)fluoranthene	0.01	0.03	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Chrysene	0.00	0.06	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Dibenzo(a,h)anthracene	0.02	0.02	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Fluoranthene	0.04	0.02	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Fluorene	0.00	0.11	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Indeno(1,2,3-cd)pyrene	0.00	0.06	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Lead	57.10	2.08	mg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Mercury	0.23	0.10	mg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	1-Methyl Naphthalene	0.00	1.40	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	2-Methylnaphthalene	0.00	1.40	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Naphthalene	0.00	1.40	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Percent Moisture	4.70	0.50	%	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Phenanthrene	0.00	0.06	µg/Kg	
30604-G4-(0-3)-C	G4	11/1/2004	862189.1	430216.8	0	0.25	Pyrene	0.04	0.11	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Acenaphthene	0.24	0.29	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Acenaphthylene	0.06	0.29	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Anthracene	0.00	0.01	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Aroclor-1016	0.00	0.04	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Aroclor-1221	0.00	0.04	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Aroclor-1232	0.00	0.04	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Aroclor-1242	0.00	0.04	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Aroclor-1248	0.00	0.04	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Aroclor-1254	0.00	0.04	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Aroclor-1260	0.00	0.04	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Aroclor-1268	0.13	0.04	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Arsenic	1.19	1.05	mg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Benzo(a)anthracene	0.08	0.01	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Benzo(a)pyrene	0.10	0.01	µg/Kg	

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Benzo(b)fluoranthene	0.09	0.01	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Benzo(g,h,i)perylene	0.18	0.01	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Benzo(k)fluoranthene	0.03	0.01	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Chrysene	0.13	0.01	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Dibenzo(a,h)anthracene	0.04	0.01	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Fluoranthene	0.10	0.01	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Fluorene	0.01	0.03	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Indeno(1,2,3-cd)pyrene	0.07	0.01	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Lead	93.60	2.10	mg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Mercury	0.22	0.10	mg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	1-Methyl Naphthalene	0.09	0.36	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	2-Methylnaphthalene	0.31	0.36	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Naphthalene	0.05	0.36	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Percent Moisture	6.70	0.50	%	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Phenanthrene	0.04	0.01	µg/Kg	
30704-G5-(0-12)-C	G5	11/2/2004	862485.9	430387.9	0	1	Pyrene	0.15	0.03	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Acenaphthene	0.09	0.28	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Acenaphthylene	0.00	0.28	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Anthracene	0.00	0.01	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Aroclor-1016	0.00	0.04	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Aroclor-1221	0.00	0.04	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Aroclor-1232	0.00	0.04	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Aroclor-1242	0.00	0.04	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Aroclor-1248	0.00	0.04	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Aroclor-1254	0.00	0.04	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Aroclor-1260	0.00	0.04	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Aroclor-1268	0.14	0.04	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Arsenic	1.09	1.03	mg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Benzo(a)anthracene	0.03	0.01	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Benzo(a)pyrene	0.05	0.01	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Benzo(b)fluoranthene	0.07	0.01	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Benzo(g,h,i)perylene	0.10	0.01	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Benzo(k)fluoranthene	0.02	0.01	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Chrysene	0.06	0.01	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Dibenzo(a,h)anthracene	0.02	0.01	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Fluoranthene	0.06	0.01	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Fluorene	0.00	0.03	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Indeno(1,2,3-cd)pyrene	0.03	0.01	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Lead	104.00	2.06	mg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Mercury	0.32	0.10	mg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	1-Methyl Naphthalene	0.00	0.35	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	2-Methylnaphthalene	0.10	0.35	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Naphthalene	0.00	0.35	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Percent Moisture	5.60	0.50	%	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Phenanthrene	0.03	0.01	µg/Kg	
30704-G5-(0-3)-C	G5	11/2/2004	862485.9	430387.9	0	0.25	Pyrene	0.08	0.03	µg/Kg	
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Acenaphthene	0.00	2.90	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Acenaphthylene	0.00	2.90	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Anthracene	0.00	0.06	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Aroclor-1016	0.00	0.04	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Aroclor-1221	0.00	0.04	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Aroclor-1232	0.00	0.04	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Aroclor-1242	0.00	0.04	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Aroclor-1248	0.00	0.04	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Aroclor-1254	0.00	0.04	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Aroclor-1260	0.00	0.04	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Aroclor-1268	0.14	0.04	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Arsenic	0.56	1.03	mg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Benzo(a)anthracene	0.08	0.07	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Benzo(a)pyrene	0.10	0.14	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Benzo(b)fluoranthene	0.08	0.14	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Benzo(g,h,i)perylene	0.18	0.14	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Benzo(k)fluoranthene	0.03	0.07	µg/Kg	Dup of 30704-G5-(0-12)-C

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Chrysene	0.13	0.14	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Dibenzo(a,h)anthracene	0.04	0.06	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Fluoranthene	0.10	0.06	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Fluorene	0.00	0.29	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Indeno(1,2,3-cd)pyrene	0.07	0.14	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Lead	90.80	2.06	mg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Mercury	0.20	0.10	mg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	1-Methyl Naphthalene	0.00	3.60	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	2-Methylnaphthalene	0.00	3.60	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Naphthalene	0.00	3.60	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Percent Moisture	6.80	0.50	%	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Phenanthrene	0.04	0.14	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-GX-(0-X)-C	G5	11/2/2004	862485.9	430387.9	0	1	Pyrene	0.15	0.29	µg/Kg	Dup of 30704-G5-(0-12)-C
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Acenaphthene	0.00	0.29	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Acenaphthylene	0.05	0.29	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Anthracene	0.00	0.01	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Aroclor-1016	0.00	0.02	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Aroclor-1221	0.00	0.02	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Aroclor-1232	0.00	0.02	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Aroclor-1242	0.00	0.02	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Aroclor-1248	0.00	0.02	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Aroclor-1254	0.00	0.02	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Aroclor-1260	0.00	0.02	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Aroclor-1268	0.11	0.02	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Arsenic	1.91	1.06	mg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Benzo(a)anthracene	0.02	0.01	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Benzo(a)pyrene	0.03	0.01	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Benzo(b)fluoranthene	0.04	0.01	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Benzo(g,h,i)perylene	0.05	0.01	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Benzo(k)fluoranthene	0.01	0.01	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Chrysene	0.04	0.01	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Dibenzo(a,h)anthracene	0.01	0.01	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Fluoranthene	0.06	0.01	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Fluorene	0.01	0.03	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Indeno(1,2,3-cd)pyrene	0.02	0.01	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Lead	99.60	2.12	mg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Mercury	0.19	0.10	mg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	1-Methyl Naphthalene	0.15	0.36	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	2-Methylnaphthalene	0.16	0.36	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Naphthalene	0.12	0.36	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Percent Moisture	6.60	0.50	%	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Phenanthrene	0.03	0.01	µg/Kg	
30704-G6-(0-12)-C	G6	11/2/2004	862737.1	430351.5	0	1	Pyrene	0.06	0.03	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Acenaphthene	0.00	0.29	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Acenaphthylene	0.05	0.29	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Anthracene	0.00	0.01	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Aroclor-1016	0.00	0.04	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Aroclor-1221	0.00	0.04	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Aroclor-1232	0.00	0.04	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Aroclor-1242	0.00	0.04	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Aroclor-1248	0.00	0.04	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Aroclor-1254	0.00	0.04	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Aroclor-1260	0.00	0.04	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Aroclor-1268	0.17	0.04	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Arsenic	1.66	1.06	mg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Benzo(a)anthracene	0.04	0.01	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Benzo(a)pyrene	0.05	0.01	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Benzo(b)fluoranthene	0.09	0.01	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Benzo(g,h,i)perylene	0.12	0.01	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Benzo(k)fluoranthene	0.04	0.01	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Chrysene	0.09	0.01	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Dibenzo(a,h)anthracene	0.00	0.02	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Fluoranthene	0.20	0.01	µg/Kg	

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Fluorene	0.01	0.03	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Indeno(1,2,3-cd)pyrene	0.05	0.01	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Lead	128.00	2.12	mg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Mercury	0.48	0.10	mg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	1-Methyl Naphthalene	0.10	0.36	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	2-Methylnaphthalene	0.18	0.36	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Naphthalene	0.00	0.36	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Percent Moisture	6.80	0.50	%	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Phenanthrene	0.07	0.01	µg/Kg	
30704-G6-(0-3)-C	G6	11/2/2004	862737.1	430351.5	0	0.25	Pyrene	0.17	0.03	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Acenaphthene	0.00	0.28	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Acenaphthylene	0.00	0.28	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Anthracene	0.00	0.01	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Aroclor-1016	0.00	0.04	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Aroclor-1221	0.00	0.04	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Aroclor-1232	0.00	0.04	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Aroclor-1242	0.00	0.04	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Aroclor-1248	0.00	0.04	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Aroclor-1254	0.00	0.04	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Aroclor-1260	0.00	0.04	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Aroclor-1268	0.07	0.04	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Arsenic	1.23	1.02	mg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Benzo(a)anthracene	0.03	0.01	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Benzo(a)pyrene	0.03	0.01	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Benzo(b)fluoranthene	0.03	0.01	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Benzo(g,h,i)perylene	0.06	0.01	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Benzo(k)fluoranthene	0.01	0.01	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Chrysene	0.04	0.01	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Dibenzo(a,h)anthracene	0.01	0.01	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Fluoranthene	0.04	0.01	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Fluorene	0.00	0.03	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Indeno(1,2,3-cd)pyrene	0.03	0.01	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Lead	81.40	2.04	mg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Mercury	0.18	0.10	mg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	1-Methyl Naphthalene	0.12	0.35	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	2-Methylnaphthalene	0.15	0.35	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Naphthalene	0.07	0.35	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Percent Moisture	5.70	0.50	%	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Phenanthrene	0.02	0.01	µg/Kg	
30704-G7-(0-12)-C	G7	11/2/2004	862454.9	430194.9	0	1	Pyrene	0.05	0.03	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Acenaphthene	0.00	0.29	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Acenaphthylene	0.00	0.29	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Anthracene	0.00	0.01	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Aroclor-1016	0.00	0.04	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Aroclor-1221	0.00	0.04	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Aroclor-1232	0.00	0.04	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Aroclor-1242	0.00	0.04	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Aroclor-1248	0.00	0.04	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Aroclor-1254	0.00	0.04	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Aroclor-1260	0.00	0.04	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Aroclor-1268	0.18	0.04	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Arsenic	1.41	1.10	mg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Benzo(a)anthracene	0.04	0.01	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Benzo(a)pyrene	0.05	0.02	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Benzo(b)fluoranthene	0.06	0.02	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Benzo(g,h,i)perylene	0.11	0.02	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Benzo(k)fluoranthene	0.02	0.01	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Chrysene	0.07	0.02	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Dibenzo(a,h)anthracene	0.02	0.01	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Fluoranthene	0.07	0.01	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Fluorene	0.02	0.03	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Indeno(1,2,3-cd)pyrene	0.03	0.02	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Lead	208.00	2.21	mg/Kg	

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Mercury	0.58	0.11	mg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	1-Methyl Naphthalene	0.22	0.37	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	2-Methylnaphthalene	0.29	0.37	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Naphthalene	0.06	0.37	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Percent Moisture	9.50	0.50	%	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Phenanthrene	0.04	0.02	µg/Kg	
30704-G7-(0-3)-C	G7	11/2/2004	862454.9	430194.9	0	0.25	Pyrene	0.09	0.03	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Acenaphthene	0.00	0.29	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Acenaphthylene	0.06	0.29	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Anthracene	0.00	0.01	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Aroclor-1016	0.00	0.04	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Aroclor-1221	0.00	0.04	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Aroclor-1232	0.00	0.04	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Aroclor-1242	0.00	0.04	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Aroclor-1248	0.00	0.04	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Aroclor-1254	0.00	0.04	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Aroclor-1260	0.00	0.04	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Aroclor-1268	0.19	0.04	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Arsenic	1.83	1.04	mg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Benzo(a)anthracene	0.03	0.01	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Benzo(a)pyrene	0.05	0.01	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Benzo(b)fluoranthene	0.04	0.01	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Benzo(g,h,i)perylene	0.12	0.01	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Benzo(k)fluoranthene	0.01	0.01	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Chrysene	0.05	0.01	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Dibenzo(a,h)anthracene	0.02	0.01	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Fluoranthene	0.05	0.01	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Fluorene	0.00	0.03	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Indeno(1,2,3-cd)pyrene	0.06	0.01	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Lead	148.00	2.08	mg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Mercury	0.26	0.10	mg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	1-Methyl Naphthalene	0.00	0.36	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	2-Methylnaphthalene	0.16	0.36	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Naphthalene	0.00	0.36	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Percent Moisture	6.80	0.50	%	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Phenanthrene	0.03	0.01	µg/Kg	
30704-G8-(0-12)-C	G8	11/2/2004	862728.1	430193.1	0	1	Pyrene	0.07	0.03	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Acenaphthene	0.00	0.29	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Acenaphthylene	0.14	0.29	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Anthracene	0.01	0.01	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Aroclor-1016	0.00	0.04	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Aroclor-1221	0.00	0.04	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Aroclor-1232	0.00	0.04	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Aroclor-1242	0.00	0.04	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Aroclor-1248	0.00	0.04	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Aroclor-1254	0.00	0.04	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Aroclor-1260	0.00	0.04	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Aroclor-1268	0.30	0.04	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Arsenic	3.83	1.05	mg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Benzo(a)anthracene	0.09	0.01	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Benzo(a)pyrene	0.12	0.02	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Benzo(b)fluoranthene	0.10	0.02	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Benzo(g,h,i)perylene	0.26	0.02	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Benzo(k)fluoranthene	0.03	0.01	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Chrysene	0.16	0.02	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Dibenzo(a,h)anthracene	0.05	0.01	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Fluoranthene	0.12	0.01	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Fluorene	0.01	0.03	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Indeno(1,2,3-cd)pyrene	0.09	0.02	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Lead	157.00	2.10	mg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Mercury	0.58	0.11	mg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	1-Methyl Naphthalene	0.13	0.36	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	2-Methylnaphthalene	0.53	0.36	µg/Kg	

Table A-2
Soil Sample Results: Off-Site

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Naphthalene	0.10	0.36	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Percent Moisture	8.50	0.50	%	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Phenanthrene	0.08	0.02	µg/Kg	
30704-G8-(0-3)-C	G8	11/2/2004	862728.1	430193.1	0	0.25	Pyrene	0.21	0.03	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Acenaphthene	0.00	0.29	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Acenaphthylene	0.04	0.29	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Anthracene	0.00	0.01	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Aroclor-1016	0.00	0.02	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Aroclor-1221	0.00	0.02	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Aroclor-1232	0.00	0.02	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Aroclor-1242	0.00	0.02	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Aroclor-1248	0.00	0.02	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Aroclor-1254	0.00	0.02	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Aroclor-1260	0.00	0.02	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Aroclor-1268	0.08	0.02	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Arsenic	0.52	1.04	mg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Benzo(a)anthracene	0.01	0.01	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Benzo(a)pyrene	0.02	0.01	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Benzo(b)fluoranthene	0.02	0.01	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Benzo(g,h,i)perylene	0.03	0.01	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Benzo(k)fluoranthene	0.01	0.01	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Chrysene	0.02	0.01	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Dibenzo(a,h)anthracene	0.00	0.01	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Fluoranthene	0.02	0.01	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Fluorene	0.00	0.03	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Indeno(1,2,3-cd)pyrene	0.01	0.01	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Lead	23.50	2.09	mg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Mercury	0.13	0.11	mg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	1-Methyl Naphthalene	0.12	0.36	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	2-Methylnaphthalene	0.17	0.36	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Naphthalene	0.06	0.36	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Percent Moisture	7.10	0.50	%	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Phenanthrene	0.01	0.01	µg/Kg	
30704-G9-(0-12)-C	G9	11/2/2004	861965.2	430096.6	0	1	Pyrene	0.03	0.03	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Acenaphthene	0.00	0.28	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Acenaphthylene	0.11	0.28	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Anthracene	0.00	0.01	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Aroclor-1016	0.00	0.02	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Aroclor-1221	0.00	0.02	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Aroclor-1232	0.00	0.02	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Aroclor-1242	0.00	0.02	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Aroclor-1248	0.00	0.02	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Aroclor-1254	0.00	0.02	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Aroclor-1260	0.00	0.02	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Aroclor-1268	0.06	0.02	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Arsenic	0.87	1.05	mg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Benzo(a)anthracene	0.02	0.01	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Benzo(a)pyrene	0.02	0.01	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Benzo(b)fluoranthene	0.02	0.01	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Benzo(g,h,i)perylene	0.05	0.01	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Benzo(k)fluoranthene	0.01	0.01	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Chrysene	0.03	0.01	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Dibenzo(a,h)anthracene	0.00	0.01	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Fluoranthene	0.03	0.01	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Fluorene	0.01	0.03	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Indeno(1,2,3-cd)pyrene	0.02	0.01	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Lead	20.20	2.09	mg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Mercury	0.18	0.10	mg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	1-Methyl Naphthalene	0.00	0.37	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	2-Methylnaphthalene	0.18	0.35	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Naphthalene	0.00	0.35	µg/Kg	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Percent Moisture	4.50	0.50	%	
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Phenanthrene	0.01	0.01	µg/Kg	

**Table A-2
Soil Sample Results: Off-Site**

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
30704-G9-(0-3)-C	G9	11/2/2004	861965.2	430096.6	0	0.25	Pyrene	0.04	0.03	µg/Kg	

Table A-3
Soil Sample Results: Former Salt Dock

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
96137-04	96137-04	5/16/1996	858162.1	429633	2	2.5	Aroclor-1016	0.00	5.32	mg/Kg dw	hand auger samples east of anode area
96137-04	96137-04	5/16/1996	858162.1	429633	2	2.5	Aroclor-1221	0.00	13.30	mg/Kg dw	hand auger samples east of anode area
96137-04	96137-04	5/16/1996	858162.1	429633	2	2.5	Aroclor-1232	0.00	5.32	mg/Kg dw	hand auger samples east of anode area
96137-04	96137-04	5/16/1996	858162.1	429633	2	2.5	Aroclor-1242	0.00	2.66	mg/Kg dw	hand auger samples east of anode area
96137-04	96137-04	5/16/1996	858162.1	429633	2	2.5	Aroclor-1248	0.00	2.66	mg/Kg dw	hand auger samples east of anode area
96137-04	96137-04	5/16/1996	858162.1	429633	2	2.5	Aroclor-1254	0.00	2.66	mg/Kg dw	hand auger samples east of anode area
96137-04	96137-04	5/16/1996	858162.1	429633	2	2.5	Aroclor-1260	0.00	2.66	mg/Kg dw	hand auger samples east of anode area
96137-04	96137-04	5/16/1996	858162.1	429633	2	2.5	Aroclor-1268	0.00	2.66	mg/Kg dw	hand auger samples east of anode area
96137-04	96137-04	5/16/1996	858162.1	429633	2	2.5	Barium	91.20	33.20	mg/Kg dw	hand auger samples east of anode area
96137-04	96137-04	5/16/1996	858162.1	429633	2	2.5	Lead	22.30	6.65	mg/Kg dw	hand auger samples east of anode area
96137-04	96137-04	5/16/1996	858162.1	429633	2	2.5	Mercury	6.04	0.67	mg/Kg dw	hand auger samples east of anode area
96137-04	96137-04	5/16/1996	858162.1	429633	2	2.5	Percent Moisture	24.80	0.00	%	hand auger samples east of anode area
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Acenaphthene	0.00	0.35	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Acenaphthylene	0.00	0.35	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Athracene	0.00	0.35	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Aroclor-1016	0.00	4.63	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Aroclor-1221	0.00	11.60	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Aroclor-1232	0.00	4.63	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Aroclor-1242	0.00	2.32	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Aroclor-1248	0.00	2.32	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Aroclor-1254	0.00	2.32	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Aroclor-1260	0.00	2.32	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Aroclor-1268	0.00	2.32	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Barium	41.10	28.90	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Benzene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Benzo(a)anthracene	0.00	0.35	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Benzo(a)pyrene	0.78	0.35	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Benzo(b)fluoranthene	0.82	0.35	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Benzo(g,h,i)perylene	0.00	0.35	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Benzo(k)fluoranthene	0.82	0.35	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Bromobenzene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Bromochloromethane	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Bromodichloromethane	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Bromoform	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	n-Butylbenzene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	sec-Butylbenzene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	tert-Butylbenzene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Carbon tetrachloride	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Chlorobenzene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Chloroform	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	2-Chlorotoluene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	4-Chlorotoluene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Chrysene	1.92	0.35	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Dibenzo(a,h)anthracene	0.65	0.35	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	1,2-Dibromo-3-chloropropane	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Dibromochloromethane	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	1,2-Dibromoethane	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Dibromomethane	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	1,2-Dichlorobenzene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	1,3-Dichlorobenzene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	1,4-Dichlorobenzene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Dichlorodifluoromethane	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	1,1-Dichloroethane	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	1,2-Dichloroethane	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt

Table A-3
Soil Sample Results: Former Salt Dock

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	1,1-Dichloroethene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	cis-1,2-Dichloroethene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	trans-1,2-Dichloroethene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Dichloromethane (Methylene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	1,2-Dichloropropane	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	1,3-Dichloropropane	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	2,2-Dichloropropane	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	1,1-Dichloropropene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	cis-1,3-Dichloropropene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	trans-1,3-Dichloropropene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Ethyl benzene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Fluoranthene	3.18	0.35	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Fluorene	0.00	0.35	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Indeno(1,2,3-cd)pyrene	0.65	0.35	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Isopropylbenzene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	p-Isopropyltoluene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Lead	14.60	5.79	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Mercury	1.13	0.58	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Napthalene	0.00	0.35	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Percent Moisture	13.60	0.00	%	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Phenanthrene	0.00	0.35	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	n-Propylbenzene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Pyrene	2.96	0.35	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Styrene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	1,1,1,2-Tetrachloroethane	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	1,1,2,2-Tetrachloroethane	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Tetrachloroethene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Toluene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	1,2,3-Trichlorobenzene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	1,2,4-Trichlorobenzene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	1,1,1-Trichloroethane	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	1,1,2-Trichloroethane	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Trichloroethene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	Trichlorofluoromethane	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	1,2,3-Trichloropropane	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	1,2,4-Trimethylbenzene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	1,3,5-Trimethylbenzene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	o-Xylene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-01	96137-SD-01	5/16/1996	858082.1	429620	1	1.5	m&p-Xylene	0.00	0.06	mg/Kg dw	post excavation bottom 4-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Acenaphthene	0.00	0.34	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Acenaphthylene	0.00	0.34	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Anthracene	0.00	0.34	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Aroclor-1016	0.00	4.56	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Aroclor-1221	0.00	11.40	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Aroclor-1232	0.00	4.56	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Aroclor-1242	0.00	2.28	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Aroclor-1248	0.00	2.28	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Aroclor-1254	0.00	2.28	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Aroclor-1260	0.00	2.28	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Aroclor-1268	11.00	2.28	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Barium	57.50	28.50	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Benzene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Benzo(a)anthracene	0.00	0.34	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Benzo(a)pyrene	0.93	0.34	mg/Kg dw	post excavation west sidewall 3-pt

Table A-3
Soil Sample Results: Former Salt Dock

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Benzo(b)fluoranthene	0.52	0.34	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Benzo(g,h,i)perylene	0.00	0.34	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Benzo(k)fluoranthene	0.52	0.34	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Bromobenzene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Bromochloromethane	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Bromodichloromethane	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Bromoform	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	n-Butylbenzene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	sec-Butylbenzene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	tert-Butylbenzene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	4-Chlorotoluene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Chlorobenzene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Chloroform	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	2-Chlorotoluene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	4-Chlorotoluene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Chrysene	0.62	0.34	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Dibenzo(a,h)anthracene	0.00	0.34	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	1,2-Dibromo-3-chloropropane	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Dibromochloromethane	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	1,2-Dibromoethane	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Dibromomethane	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	1,2-Dichlorobenzene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	1,3-Dichlorobenzene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	1,4-Dichlorobenzene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Dichlorodifluoromethane	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	1,1-Dichloroethane	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	1,2-Dichloroethane	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	1,1-Dichloroethene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	cis-1,2-Dichloroethene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	trans-1,2-Dichloroethene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Dichloromethane (Methylene)	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	1,2-Dichloropropane	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	1,3-Dichloropropane	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	2,2-Dichloropropane	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	1,1-Dichloropropene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	cis-1,3-Dichloropropene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	trans-1,3-Dichloropropene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Ethyl benzene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Fluoranthene	2.98	0.34	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Fluorene	0.00	0.34	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Indeno(1,2,3-cd)pyrene	0.00	0.34	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Isopropylbenzene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	p-Isopropyltoluene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Lead	24.50	5.70	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Mercury	3.34	0.57	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Naphthalene	0.00	0.34	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Percent Moisture	12.20	0.00	%	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Phenanthrene	0.00	0.34	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	n-Propylbenzene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Pyrene	2.39	0.34	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Styrene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	1,1,1,2-Tetrachloroethane	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	1,1,2,2-Tetrachloroethane	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt
96137-SD-03	96137-SD-03	5/16/1996	858052.1	429610	0	1	Tetrachloroethene	0.00	0.06	mg/Kg dw	post excavation west sidewall 3-pt

Table A-3
Soil Sample Results: Former Salt Dock

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
96141-SD-09	96141-SD-09	5/20/1996	858077.1	429665	0	1.5	Toluene	0.00	0.06	mg/Kg dw	anode area post excavation northeast sidewall 3-pt
96141-SD-09	96141-SD-09	5/20/1996	858077.1	429665	0	1.5	1,2,3-Trichlorobenzene	0.00	0.06	mg/Kg dw	anode area post excavation northeast sidewall 3-pt
96141-SD-09	96141-SD-09	5/20/1996	858077.1	429665	0	1.5	1,2,4-Trichlorobenzene	0.00	0.06	mg/Kg dw	anode area post excavation northeast sidewall 3-pt
96141-SD-09	96141-SD-09	5/20/1996	858077.1	429665	0	1.5	1,1,1-Trichloroethane	0.00	0.06	mg/Kg dw	anode area post excavation northeast sidewall 3-pt
96141-SD-09	96141-SD-09	5/20/1996	858077.1	429665	0	1.5	1,1,2-Trichloroethane	0.00	0.06	mg/Kg dw	anode area post excavation northeast sidewall 3-pt
96141-SD-09	96141-SD-09	5/20/1996	858077.1	429665	0	1.5	Trichloroethene	0.00	0.06	mg/Kg dw	anode area post excavation northeast sidewall 3-pt
96141-SD-09	96141-SD-09	5/20/1996	858077.1	429665	0	1.5	Trichlorofluoromethane	0.00	0.06	mg/Kg dw	anode area post excavation northeast sidewall 3-pt
96141-SD-09	96141-SD-09	5/20/1996	858077.1	429665	0	1.5	1,2,3-Trichloropropane	0.00	0.06	mg/Kg dw	anode area post excavation northeast sidewall 3-pt
96141-SD-09	96141-SD-09	5/20/1996	858077.1	429665	0	1.5	1,2,4-Trimethylbenzene	0.00	0.06	mg/Kg dw	anode area post excavation northeast sidewall 3-pt
96141-SD-09	96141-SD-09	5/20/1996	858077.1	429665	0	1.5	1,3,5-Trimethylbenzene	0.00	0.06	mg/Kg dw	anode area post excavation northeast sidewall 3-pt
96141-SD-09	96141-SD-09	5/20/1996	858077.1	429665	0	1.5	o-Xylene	0.00	0.06	mg/Kg dw	anode area post excavation northeast sidewall 3-pt
96141-SD-09	96141-SD-09	5/20/1996	858077.1	429665	0	1.5	m&p-Xylene	0.00	0.06	mg/Kg dw	anode area post excavation northeast sidewall 3-pt
96221-NSI	96221-NSI	8/8/1996	857769.1	429711.1	0	1	Aroclor-1016	0.00	4.02	mg/Kg	gray salt mud from north salt impoundment
96221-NSI	96221-NSI	8/8/1996	857769.1	429711.1	0	1	Aroclor-1221	0.00	4.02	mg/Kg	gray salt mud from north salt impoundment
96221-NSI	96221-NSI	8/8/1996	857769.1	429711.1	0	1	Aroclor-1232	0.00	4.02	mg/Kg	gray salt mud from north salt impoundment
96221-NSI	96221-NSI	8/8/1996	857769.1	429711.1	0	1	Aroclor-1242	0.00	4.02	mg/Kg	gray salt mud from north salt impoundment
96221-NSI	96221-NSI	8/8/1996	857769.1	429711.1	0	1	Aroclor-1248	0.00	4.02	mg/Kg	gray salt mud from north salt impoundment
96221-NSI	96221-NSI	8/8/1996	857769.1	429711.1	0	1	Aroclor-1254	0.00	4.02	mg/Kg	gray salt mud from north salt impoundment
96221-NSI	96221-NSI	8/8/1996	857769.1	429711.1	0	1	Aroclor-1260	0.00	4.02	mg/Kg	gray salt mud from north salt impoundment
96221-NSI	96221-NSI	8/8/1996	857769.1	429711.1	0	1	Aroclor-1268	0.00	4.02	mg/Kg	gray salt mud from north salt impoundment
96221-NSI	96221-NSI	8/8/1996	857769.1	429711.1	0	1	Lead	0.00	20.10	mg/Kg	gray salt mud from north salt impoundment
96221-NSI	96221-NSI	8/8/1996	857769.1	429711.1	0	1	Mercury	10.80	1.01	mg/Kg	gray salt mud from north salt impoundment
96221-NSI	96221-NSI	8/8/1996	857769.1	429711.1	0	1	Total Solids	49.70	0.00	%	gray salt mud from north salt impoundment
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Acenaphthene	0.00	0.35	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Acenaphthylene	0.00	0.35	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Anthracene	0.00	0.35	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Aroclor-1016	0.00	2.33	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Aroclor-1221	0.00	2.33	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Aroclor-1232	0.00	2.33	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Aroclor-1242	0.00	2.33	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Aroclor-1248	0.00	2.33	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Aroclor-1254	0.00	2.33	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Aroclor-1260	0.00	2.33	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Aroclor-1268	0.00	2.33	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Barium	0.00	58.20	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Benzene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Benzo(a)anthracene	0.00	0.35	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Benzo(a)pyrene	0.00	0.35	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Benzo(b)fluoranthene	0.00	0.35	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Benzo(g,h,i)perylene	0.00	0.35	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Benzo(k)fluoranthene	0.00	0.35	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Bromodichloromethane	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Bromoform	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Bromomethane	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	n-Butylbenzene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	sec-Butylbenzene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	tert-Butylbenzene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Carbon tetrachloride	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Chlorobenzene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Chloroethane	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	2-Chloroethyl vinyl ether	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Chloroform	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Chloromethane	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Chrysene	0.00	0.35	mg/Kg	brown wet sand

Table A-3
Soil Sample Results: Former Salt Dock

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Dibenzo(a,h)anthracene	0.00	0.35	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Dibromochloromethane	0.08	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	1,2-Dichlorobenzene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	1,3-Dichlorobenzene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	1,4-Dichlorobenzene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Dichlorodifluoromethane	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	1,1-Dichloroethane	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	1,2-Dichloroethane	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	1,1-Dichloroethene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	cis-1,2-Dichloroethene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	trans-1,2-Dichloroethene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Dichloromethane (Methylene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	1,2-Dichloropropane	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	cis-1,3-Dichloropropene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	trans-1,3-Dichloropropene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Ethyl benzene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Fluoranthene	0.00	0.35	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Fluorene	0.00	0.35	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Indeno(1,2,3-cd)pyrene	0.00	0.35	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Isopropylbenzene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	p-Isopropyltoluene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Lead	0.00	11.60	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Mercury	0.00	0.58	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	1-Methyl Naphthalene	0.00	0.35	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	2-Methylnaphthalene	0.00	0.35	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Naphthalene	0.00	0.35	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Phenanthrene	0.00	0.35	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	n-Propylbenzene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Pyrene	0.00	0.35	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Styrene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	1,1,2,2-Tetrachloroethane	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Tetrachloroethene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Toluene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Total Solids	85.90	0.00	%	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	1,1,1-Trichloroethane	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	1,1,2-Trichloroethane	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Trichloroethene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Trichlorofluoromethane	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	1,2,4-Trimethylbenzene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	1,3,5-Trimethylbenzene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	Vinyl chloride	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	o-Xylene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-10	96331-SD-10	11/26/1996	857977.1	429636	0	1	m&p-Xylene	0.00	0.06	mg/Kg	brown wet sand
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Acenaphthene	0.00	0.38	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Acenaphthylene	0.00	0.38	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Anthracene	0.00	0.38	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Aroclor-1016	0.00	2.52	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Aroclor-1221	0.00	2.52	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Aroclor-1232	0.00	2.52	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Aroclor-1242	0.00	2.52	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Aroclor-1248	0.00	2.52	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Aroclor-1254	0.00	2.52	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Aroclor-1260	0.00	2.52	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Aroclor-1268	0.00	2.52	mg/Kg	brown sand, pine wood bark

Table A-3
Soil Sample Results: Former Salt Dock

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Barium	0.00	63.10	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Benzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Benzo(a)anthracene	0.00	0.38	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Benzo(a)pyrene	0.00	0.38	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Benzo(b)fluoranthene	0.00	0.38	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Benzo(g,h,i)perylene	0.00	0.38	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Benzo(k)fluoranthene	0.00	0.38	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Bromodichloromethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Bromoform	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Bromomethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	n-Butylbenzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	sec-Butylbenzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	tert-Butylbenzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Carbon tetrachloride	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Chlorobenzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Chloroethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	2-Chloroethyl vinyl ether	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Chloroform	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Chloromethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Chrysene	0.00	0.38	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Dibenzo(a,h)anthracene	0.00	0.38	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Dibromochloromethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	1,2-Dichlorobenzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	1,3-Dichlorobenzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	1,4-Dichlorobenzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Dichlorodifluoromethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	1,1-Dichloroethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	1,2-Dichloroethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	1,1-Dichloroethene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	cis-1,2-Dichloroethene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	trans-1,2-Dichloroethene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Dichloromethane (Methylene)	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	1,2-Dichloropropane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	cis-1,3-Dichloropropene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	trans-1,3-Dichloropropene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Ethyl benzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Fluoranthene	0.00	0.38	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Fluorene	0.00	0.38	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Indeno(1,2,3-cd)pyrene	0.00	0.38	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Isopropylbenzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	p-Isopropyltoluene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Lead	18.30	12.60	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Mercury	0.00	0.63	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	1-Methyl Naphthalene	0.00	0.38	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	2-Methylnaphthalene	0.00	0.38	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Naphthalene	0.00	0.38	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Phenanthrene	0.00	0.38	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	n-Propylbenzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Pyrene	0.00	0.38	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Styrene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	1,1,1,2-Tetrachloroethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Tetrachloroethene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Toluene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Total Solids	79.30	0.00	%	brown sand, pine wood bark

Table A-3
Soil Sample Results: Former Salt Dock

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	1,1,1-Trichloroethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	1,1,2-Trichloroethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Trichloroethene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Trichlorofluoromethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	1,2,4-Trimethylbenzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	1,3,5-Trimethylbenzene	0.13	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	Vinyl chloride	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	o-Xylene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-11	96331-SD-11	11/26/1996	857977.1	429636	2	3	m&p-Xylene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Acenaphthene	0.00	0.34	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Acenaphthylene	0.00	0.34	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Anthracene	0.00	0.34	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Aroclor-1016	0.00	2.25	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Aroclor-1221	0.00	2.25	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Aroclor-1232	0.00	2.25	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Aroclor-1242	0.00	2.25	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Aroclor-1248	0.00	2.25	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Aroclor-1254	0.00	2.25	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Aroclor-1260	0.00	2.25	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Aroclor-1268	0.00	2.25	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Barium	0.00	56.20	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Benzene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Benzo(a)anthracene	0.00	0.34	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Benzo(a)pyrene	0.00	0.34	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Benzo(b)fluoranthene	0.00	0.34	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Benzo(g,h,i)perylene	0.00	0.34	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Benzo(k)fluoranthene	0.00	0.34	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Bromodichloromethane	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Bromoform	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Bromomethane	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	n-Butylbenzene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	sec-Butylbenzene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	tert-Butylbenzene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Carbon tetrachloride	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Chlorobenzene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Chloroethane	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	2-Chloroethyl vinyl ether	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Chloroform	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Chloromethane	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Chrysene	0.00	0.34	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Dibenzo(a,h)anthracene	0.00	0.34	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Dibromochloromethane	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	1,2-Dichlorobenzene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	1,3-Dichlorobenzene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	1,4-Dichlorobenzene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Dichlorodifluoromethane	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	1,1-Dichloroethane	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	1,2-Dichloroethane	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	1,1-Dichloroethene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	cis-1,2-Dichloroethene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	trans-1,2-Dichloroethene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Dichloromethane (Methylene)	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	1,2-Dichloropropane	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	cis-1,3-Dichloropropene	0.00	0.06	mg/Kg	brown & light gray sand

Table A-3
Soil Sample Results: Former Salt Dock

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	trans-1,3-Dichloropropene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Ethyl benzene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Fluoranthene	0.00	0.34	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Fluorene	0.00	0.34	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Indeno(1,2,3-cd)pyrene	0.00	0.34	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Isopropylbenzene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	p-Isopropyltoluene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Lead	32.60	11.20	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Mercury	0.00	0.56	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	1-Methyl Naphthalene	0.00	0.34	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	2-Methylnaphthalene	0.00	0.34	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Naphthalene	0.00	0.34	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Phenanthrene	0.00	0.34	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	n-Propylbenzene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Pyrene	0.00	0.34	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Styrene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	1,1,2,2-Tetrachloroethane	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Tetrachloroethene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Toluene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Total Solids	89.00	0.00	%	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	1,1,1-Trichloroethane	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	1,1,2-Trichloroethane	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Trichloroethene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Trichlorofluoromethane	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	1,2,4-Trimethylbenzene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	1,3,5-Trimethylbenzene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	Vinyl chloride	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	o-Xylene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-12	96331-SD-12	11/26/1996	858013.1	429669	0	1	m&p-Xylene	0.00	0.06	mg/Kg	brown & light gray sand
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Acenaphthene	0.00	0.36	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Acenaphthylene	0.00	0.36	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Anthracene	0.00	0.36	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Aroclor-1016	0.00	2.39	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Aroclor-1221	0.00	2.39	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Aroclor-1232	0.00	2.39	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Aroclor-1242	0.00	2.39	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Aroclor-1248	0.00	2.39	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Aroclor-1254	0.00	2.39	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Aroclor-1260	0.00	2.39	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Aroclor-1268	0.00	2.39	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Barium	0.00	59.70	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Benzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Benzo(a)anthracene	0.00	0.36	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Benzo(a)pyrene	0.00	0.36	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Benzo(b)fluoranthene	0.00	0.36	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Benzo(g,h,i)perylene	0.00	0.36	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Benzo(k)fluoranthene	0.00	0.36	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Bromodichloromethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Bromoform	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Bromomethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	n-Butylbenzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	sec-Butylbenzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	tert-Butylbenzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Carbon tetrachloride	0.00	0.06	mg/Kg	brown sand, pine wood bark

Table A-3
Soil Sample Results: Former Salt Dock

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Chlorobenzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Chloroethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	2-Chloroethyl vinyl ether	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Chloroform	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Chloromethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Chrysene	0.00	0.36	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Dibenzo(a,h)anthracene	0.00	0.36	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Dibromochloromethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	1,2-Dichlorobenzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	1,3-Dichlorobenzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	1,4-Dichlorobenzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Dichlorodifluoromethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	1,1-Dichloroethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	1,2-Dichloroethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	1,1-Dichloroethene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	cis-1,2-Dichloroethene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	trans-1,2-Dichloroethene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Dichloromethane (Methylene)	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	1,2-Dichloropropane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	cis-1,3-Dichloropropene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	trans-1,3-Dichloropropene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Ethyl benzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Fluoranthene	0.00	0.36	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Fluorene	0.00	0.36	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Indeno(1,2,3-cd)pyrene	0.00	0.36	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Isopropylbenzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	p-Isopropyltoluene	0.48	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Lead	17.90	11.90	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Mercury	0.00	0.60	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	1-Methyl Naphthalene	0.00	0.36	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	2-Methylnaphthalene	0.00	0.36	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Naphthalene	0.00	0.36	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Phenanthrene	0.00	0.36	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	n-Propylbenzene	0.10	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Pyrene	0.00	0.36	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Styrene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	1,1,2,2-Tetrachloroethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Tetrachloroethene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Toluene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Total Solids	83.80	0.00	%	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	1,1,1-Trichloroethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	1,1,2-Trichloroethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Trichloroethene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Trichlorofluoromethane	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	1,2,4-Trimethylbenzene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	1,3,5-Trimethylbenzene	0.28	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	Vinyl chloride	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	o-Xylene	0.00	0.06	mg/Kg	brown sand, pine wood bark
96331-SD-13	96331-SD-13	11/26/1996	858013.1	429669	2	3	m&p-Xylene	0.00	0.06	mg/Kg	brown sand, pine wood bark
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Aluminum	1000.00	0.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Antimony	0.00	54.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Aroclor-1016	0.00	0.50	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Aroclor-1221	0.00	0.50	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Aroclor-1232	0.00	0.50	mg/Kg dw	

Table A-3
Soil Sample Results: Former Salt Dock

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Aroclor-1242	0.00	0.50	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Aroclor-1248	0.00	0.50	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Aroclor-1254	0.00	0.50	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Aroclor-1260	0.00	0.50	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Aroclor-1268	0.39	0.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Arsenic	0.00	54.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Barium	36.00	0.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Beryllium	0.00	9.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Cadmium	0.00	9.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Calcium	250000.00	0.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Chromium	0.00	18.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Cobalt	0.00	18.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Copper	0.00	18.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Iron	3500.00	0.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Lead	12.00	0.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Magnesium	9000.00	0.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Manganese	57.00	0.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Mercury	14.00	0.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Molybdenum	0.00	18.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Nickel	0.00	36.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Percent Moisture	21.00	0.00	%	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Potassium	0.00	3600.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Selenium	0.00	72.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Silver	0.00	18.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Sodium	39000.00	0.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Strontium	6000.00	0.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Tellurium	0.00	90.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Thallium	0.00	180.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Tin	0.00	45.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Titanium	35.00	0.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Vanadium	0.00	18.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Yttrium	0.00	18.00	mg/Kg dw	
LC-238-WA	LC-238	10/14/1994	857874.1	429571	0	1	Zinc	78.00	0.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Aluminum	1300.00	0.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Antimony	0.00	57.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Antimony, TCLPExt	0.00	0.40	mg/L	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Aroclor-1016	0.00	2.50	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Aroclor-1221	0.00	2.50	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Aroclor-1232	0.00	2.50	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Aroclor-1242	0.00	2.50	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Aroclor-1248	0.00	2.50	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Aroclor-1254	0.00	2.50	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Aroclor-1260	0.00	2.50	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Aroclor-1268	0.50	0.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Arsenic	0.00	57.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Arsenic, TCLP	0.00	0.30	mg/L	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Barium	62.00	0.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Barium, TCLP	0.00	0.50	mg/L	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Beryllium	0.00	9.50	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Beryllium, TCLPExt	0.00	0.05	mg/L	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Cadmium	0.00	9.50	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Cadmium, TCLP	0.00	0.05	mg/L	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Calcium	280000.00	0.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Chromium	0.00	19.00	mg/Kg dw	

**Table A-3
Soil Sample Results: Former Salt Dock**

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Chromium, TCLP	0.00	0.10	mg/L	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Cobalt	0.00	19.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Copper	0.00	19.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Iron	2600.00	0.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Lead	31.00	0.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Lead, TCLP	0.00	0.40	mg/L	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Magnesium	12000.00	0.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Manganese	46.00	0.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Mercury	12.00	0.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Mercury, TCLP	0.00	0.00	mg/L	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Molybdenum	0.00	19.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Nickel	0.00	38.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Nickel, TCLPEst	0.00	0.20	mg/L	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Percent Moisture	30.00	0.00	%	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Potassium	0.00	3800.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Selenium	0.00	76.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Selenium, TCLP	0.00	0.40	mg/L	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Silver	0.00	19.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Silver, TCLP	0.00	0.10	mg/L	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Sodium	35000.00	0.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Strontium	7000.00	0.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Tellurium	0.00	95.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Thallium	0.00	190.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Thallium, TCLPEst	0.00	1.00	mg/L	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Tin	0.00	48.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Titanium	56.00	0.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Vanadium	0.00	19.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Yttrium	0.00	19.00	mg/Kg dw	
LC-239-WA	LC-239	10/14/1994	857792	429435.1	0	1	Zinc	72.00	0.00	mg/Kg dw	
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Aluminum	1300.00	0.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Antimony	0.00	66.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Aroclor-1016	0.00	0.45	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Aroclor-1221	0.00	0.45	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Aroclor-1232	0.00	0.45	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Aroclor-1242	0.00	0.45	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Aroclor-1248	0.00	0.45	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Aroclor-1254	0.49	0.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Aroclor-1260	0.00	0.45	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Aroclor-1268	1.10	0.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Arsenic	0.00	66.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Barium	36.00	0.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Beryllium	0.00	11.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Cadmium	0.00	11.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Calcium	32000.00	0.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Chromium	0.00	22.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Cobalt	0.00	22.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Copper	0.00	22.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Iron	6800.00	0.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Lead	46.00	0.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Magnesium	6000.00	0.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Manganese	81.00	0.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Mercury	23.00	0.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Molybdenum	0.00	22.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Nickel	0.00	44.00	mg/Kg dw	Characterization

**Table A-3
Soil Sample Results: Former Salt Dock**

Sample ID	Location	Date Sampled	X Coordinate	Y Coordinate	D1	D2	Parameter	Results	Detection Limit	Units	Description
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Percent Moisture	25.00	0.00	%	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Potassium	0.00	4400.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Selenium	0.00	88.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Silver	0.00	22.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Sodium	18000.00	0.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Strontium	6500.00	0.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Tellurium	0.00	110.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Thallium	0.00	220.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Tin	0.00	55.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Titanium	53.00	0.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Vanadium	0.00	22.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Yttrium	0.00	22.00	mg/Kg dw	Characterization
LC-240-WA	LC-240	10/14/1994	857680	429460.1	0	1	Zinc	140.00	0.00	mg/Kg dw	Characterization

APPENDIX B

APPENDIX B

Comparisons of Soil Data for COCs with Residential-based RGOs

This appendix presents a comparison of the concentrations of COC in Site surface soil (0 to 2 ft bgs) to RGOs for the Hypothetical Resident exposure scenario developed in the approved HHBRA. The data set inclusive of the TEG results is used in the mapping presented herein in Appendix B. The following subsections discuss data comparisons for each of the HHBRA EUs.

Off-Site Tank Farm

The HHBRA concluded that the ELCR and HI estimates for the Hypothetical Resident scenario were at or below USEPA hazard and risk targets, therefore no RGO comparisons are provided for this EU.

Quadrant 1

The HHBRA concluded that the ELCR and HI estimates for the Hypothetical Resident scenario were at or below USEPA hazard and risk targets, therefore no RGO comparisons are provided for this EU.

Quadrant 2

Figures B-1 through B-6 provide comparisons of measured COC concentrations in surface soil (0-2 ft bgs) to RGOs for the Hypothetical Resident scenario.

- Aroclor-1221 – All measured concentrations are below the RGO based on a HQ of 1 (1.14 mg/kg) (Figure B-1).
- Aroclor-1254 – The measured concentration at one location adjacent to the former Cell Building soil cover (11 mg/kg) exceeds the RGO based on a HQ of 1 (1.14 mg/kg) (Figure B-2).
- Aroclor-1260 – The measured concentrations in two composite samples exceed the RGO based on a HQ of 1 (1.14 mg/kg). The concentrations in these two samples were 1.2 and 1.4 mg/kg. One of these samples located in an area adjacent to the northern boundary of Q2 near B Street; the other is located in the southwest corner of Q2 (Figure B-3).
- Aroclor-1268¹ – The measured concentrations in 23 samples (22 locations) exceed the RGO based on a HQ of 1 (1.14 mg/kg), with 12 samples (11 locations) exceeding the RGO based on a HQ of 3 (3.41 mg/kg). The concentrations in these samples ranged from 1.5 to 29.2 mg/kg. These samples are clustered in two areas: the southeast corner of the former Cell Building soil cover and former Test Pit A in the central part of Q2 (Figure B-4). These two areas were originally characterized for Aroclor 1268 during the early

^{DB-1} The RGOs for Aroclor-1254 shown throughout this appendix

phases of Site characterization using the TEG onsite lab, and were subsequently re-characterized in 2008. The 2008 sampling showed significantly different test results for the Test Pit A location – TEG results were as high as about 30 mg/kg whereas the newer test results ranged to a maximum detect of only 3.4 mg/kg (with an average below 1 mg/kg). The 2008 results in the area adjacent to the Cell Building soil cover were more comparable to the TEG results.

- Iron – All measured concentrations are below the RGO based on a HQ of 1 (54,750 mg/kg) (Figure B-5).
- Mercury – All measured concentrations are below the RGO based on a HQ of 1 (23.5 mg/kg) (Figure B-6).

Quadrant 3

Figures B-7 through B-15 provide comparisons of measured COC concentrations in surface soil (0-2 ft bgs) to RGOs for the Hypothetical Resident scenario.

- Aluminum – All measured concentrations are below the RGO based on a HQ of 1 (77,360 mg/kg) (Figure B-7).
- Antimony – All measured concentrations are below the RGO based on a HQ of 1 (31.3 mg/kg) (Figure B-8).
- Aroclor-1254 – The measured concentrations in 22 samples exceed the RGO based on a HQ of 1 (1.14 mg/kg), with eight samples (seven locations) exceeding the RGO based on a HQ of 3 (3.41 mg/kg). The concentrations in these samples ranged from 1.4 to 28 mg/kg. The locations of these samples are all in the southern half of the quadrant with most of the higher concentration samples clustered in the central portion of that area (Figure B-9).
- Aroclor-1260 – The measured concentrations in four samples exceed the RGO based on a HQ of 1 (1.14 mg/kg), with one of these samples exceeding the RGO based on a HQ of 3 (3.41 mg/kg). The concentrations in these samples ranged from 1.2 to 7.3 mg/kg. The locations of these samples are all in the southern half of the quadrant, but are spatially dispersed (Figure B-10).
- Aroclor-1268 – The measured concentrations in 27 samples exceed the RGO based on a HQ of 1 (1.14 mg/kg), with 20 samples exceeding the RGO based on a HQ of 3 (3.41 mg/kg). The concentrations in these samples ranged from 1.2 to 25.2 mg/kg. With one exception, these samples are all in the southern half of the quadrant with a spatial pattern resembling that of Aroclor-1254 discussed above (Figure B-11).
- Arsenic – All measured concentrations are below the RGO based on a HQ of 1 (21.7 mg/kg) (Figure B-12).
- Iron – All measured concentrations are below the RGO based on a HQ of 1 (54,750 mg/kg) (Figure B-13).

- Mercury – All measured concentrations are below the RGO based on a HQ of 1 (23.5 mg/kg) (Figure B-14).
- 4,6-Dinitro-2-methylphenol – The estimated concentration in one sample (32 mg/kg) from the central part of the quadrant exceeds the RGO based on a HQ of 1 (4.93 mg/kg) (Figure B-15).

Quadrant 4

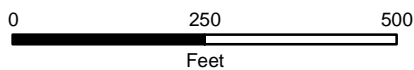
Figures B-16 through B-26 provide comparisons of measured COC concentrations in surface soil (0-2 ft bgs) to RGOs for the Hypothetical Resident scenario.

- Antimony – All measured concentrations are below the RGO based on a HQ of 1 (31.3 mg/kg) (Figure B-16).
- Aroclor-1254 – The measured concentrations in seven samples exceed the RGO based on a HQ of 1 (1.14 mg/kg), with four samples exceeding the RGO based on a HQ of 3 (3.41 mg/kg). The concentrations in these samples ranged from 2.3 to 109 mg/kg. Only one sample contains an Aroclor-1254 concentration that exceeds the RGO based on an ELCR of 1E-4. This result (109 mg/kg) was reported by the TEG on-site laboratory. These exceedences are spatially dispersed in the northern and eastern portions of the quadrant (Figure B-17).
- Aroclor-1260 – The measured concentrations in 11 samples exceed the RGO based on a HQ of 1 (1.14 mg/kg), all of which also exceed the RGO based on a HQ of 3 (3.41 mg/kg). The concentrations in these samples ranged from 4.4 to 785 mg/kg. Four samples also contain concentrations that exceed the RGO based on an ELCR of 1E-4 (22.3 mg/kg). Most of these samples are located in the northern portion of the quadrant (Figure B-18).
- Aroclor-1268 – The measured concentrations in numerous samples exceed the RGOs based on HQs of 1 (1.14 mg/kg) and 3 (3.41 mg/kg). The concentrations in these samples ranged from 1.2 to 450 mg/kg. Nine samples also contain concentrations that exceed the RGO based on an ELCR of 1E-4 (22.3 mg/kg). The locations of these exceedences are spatially dispersed in the quadrant, but most occur in the northern half of Q4 (Figure B-19).
- Arsenic – All measured concentrations are below the RGO based on an ELCR of 1E-4 (39 mg/kg) (Figure B-20).
- Benzo(a)anthracene – The measured concentrations in one sample (82.6 mg/kg) exceeds the RGO based on an ELCR of 1E-4 (62 mg/kg). The location of this sample is in the west-central portion of the quadrant near the former brine mud impoundments (Figure B-21).
- Benzo(a)pyrene – The measured concentrations in five samples exceed the RGO based on an ELCR of 1E-4 (6.2 mg/kg). The concentrations in these samples ranged from 6.8 to 38.2 mg/kg. The locations of these exceedences are mostly west-central portion of the

quadrant near the former brine mud impoundments, except for one sample near the southwest boundary of Q4 (Figure B-22).

- Chromium – All measured concentrations are below the RGO based on an ELCR of 1E-4 (127.7 mg/kg) (Figure B-23).
- Dibenz(a,h)anthracene – The measured concentrations in one sample (8.6 mg/kg) exceeds the RGO based on an ELCR of 1E-4 (62 mg/kg). The location of this sample is in the west-central portion of the quadrant near the former brine mud impoundments (Figure B-24).
- Iron – All measured concentrations are below the RGO based on a HQ of 1 (54,750 mg/kg) (Figure B-25).
- Mercury – The measured concentrations at 10 locations exceed the RGO based on a HQ of 1 (23.5 mg/kg), with four samples exceeding the RGO based on a HQ of 3 (70.5). The concentrations in these samples ranged from 24.6 and 142 mg/kg. Two of these samples are post excavation sidewall samples adjacent to either the former Cell Building soil cover or a building (Figure B-26).

Comparison of Soil Aroclor-1221 to Residential Remedial Goal Options - Quadrant 2



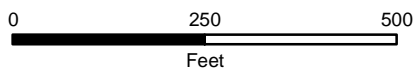
Comparison of Point Concentration to RGOs

- < HQ=1 (1.14 mg/kg)
- 1 < HQ < 3 (1.14 to 3.41 mg/kg)
- > HQ=3 (3.41 mg/kg)

Site Features and Areas

- | | | |
|--------------|---------------------------------|-------------------------------|
| ■ Quadrant 1 | ■ Former Off-site Storage Tanks | ■ Composite Area (Geosyntec) |
| ■ Quadrant 2 | ■ Former Cell Building Soil Cap | ■ Composite Area (EPA/Weston) |
| ■ Quadrant 3 | ■ Existing Buildings | |
| ■ Quadrant 4 | | |

Comparison of Soil Aroclor-1254 to Residential Remedial Goal Options - Quadrant 2



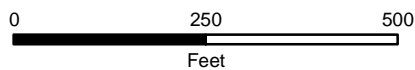
Comparison of Point Concentration to RGOs

- < HQ=1 (1.14 mg/kg)
- 1 < HQ < 3 (1.14 to 3.41 mg/kg)
- > HQ=3 (3.41 mg/kg)

Site Features and Areas

- | | | |
|---|--|---|
| Quadrant 1 | Former Off-site Storage Tanks | Composite Area (Geosyntec) |
| Quadrant 2 | Former Cell | Composite Area (EPA/Weston) |
| Quadrant 3 | Building Soil Cap | |
| Quadrant 4 | Existing Buildings | |

Comparison of Soil Aroclor-1260 to Residential Remedial Goal Options - Quadrant 2



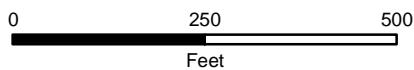
Comparison of Point Concentration to RGOs

- < HQ=1 (1.14 mg/kg)
- 1 < HQ < 3 (1.14 to 3.41 mg/kg)
- > HQ=3 (3.41 mg/kg)

Site Features and Areas

- | | | |
|---|--|---|
| Quadrant 1 | Former Off-site Storage Tanks | Composite Area (EPA/Weston) |
| Quadrant 2 | Former Cell | Building Soil Cap |
| Quadrant 3 | Existing Buildings | |
| Quadrant 4 | | |

Comparison of Soil Aroclor-1268 to Residential Remedial Goal Options - Quadrant 2



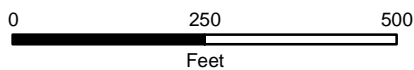
Comparison of Point Concentration to RGOs

- < HQ=1 (1.14 mg/kg)
- 1 < HQ < 3 (1.14 to 3.41 mg/kg)
- > HQ=3 (3.41 mg/kg)

Site Features and Areas

- | | | |
|--------------|---------------------------------|-------------------------------|
| ■ Quadrant 1 | ■ Former Off-site Storage Tanks | ■ Composite Area (Geosyntec) |
| ■ Quadrant 2 | ■ Former Cell Building Soil Cap | ■ Composite Area (EPA/Weston) |
| ■ Quadrant 3 | ■ Existing Buildings | |
| ■ Quadrant 4 | | |

Comparison of Soil Iron to Residential Remedial Goal Options - Quadrant 2



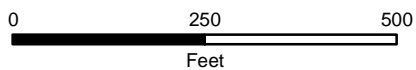
Comparison of Point Concentration to RGOs

- < HQ=1 (53,750 mg/kg)
- > HQ=1 (53,750 mg/kg)

Site Features and Areas

- | | | |
|--------------|---------------------------------|-------------------------------|
| ■ Quadrant 1 | ■ Former Off-site Storage Tanks | ■ Composite Area (Geosyntec) |
| ■ Quadrant 2 | ■ Former Cell Building Soil Cap | ■ Composite Area (EPA/Weston) |
| ■ Quadrant 3 | ■ Existing Buildings | |
| ■ Quadrant 4 | | |

Comparison of Soil Mercury to Residential Remedial Goal Options - Quadrant 2



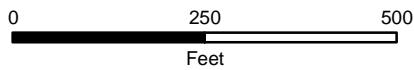
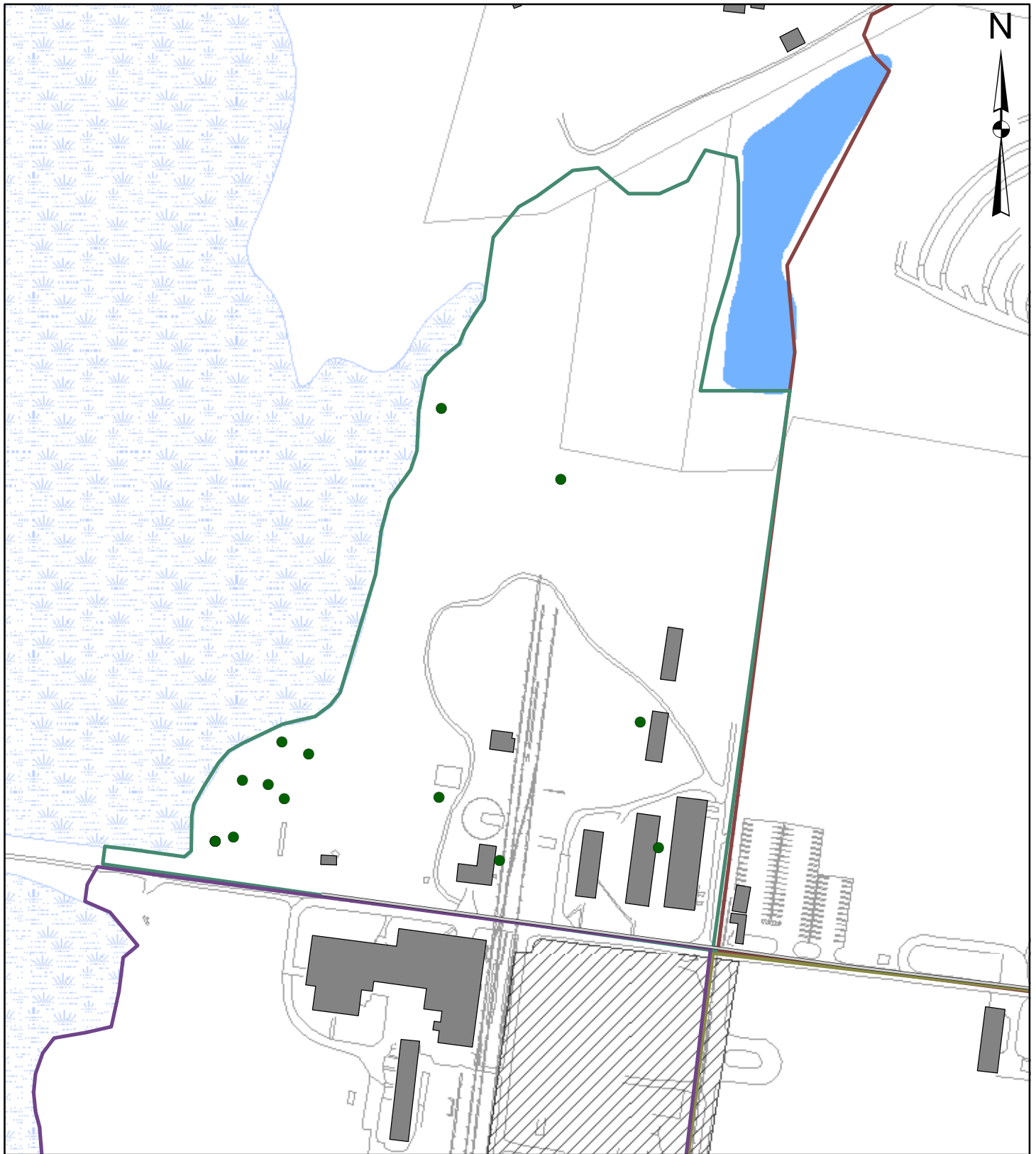
Comparison of Point Concentration to RGOs

- < HQ=1 (23.5 mg/kg)
- 1 < HQ < 3 (23.5 to 70.5 mg/kg)
- > HQ=3 (70.5 mg/kg)

Site Features and Areas

- | | | |
|---|---|---|
| Quadrant 1 | Former Off-site Storage Tanks | Composite Area (Geosyntec) |
| Quadrant 2 | Former Cell Building Soil Cap | Composite Area (EPA/Weston) |
| Quadrant 3 | Existing Buildings | |
| Quadrant 4 | | |

Comparison of Soil Aluminum to Residential Remedial Goal Options - Quadrant 3

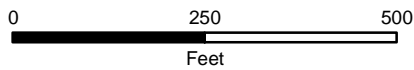
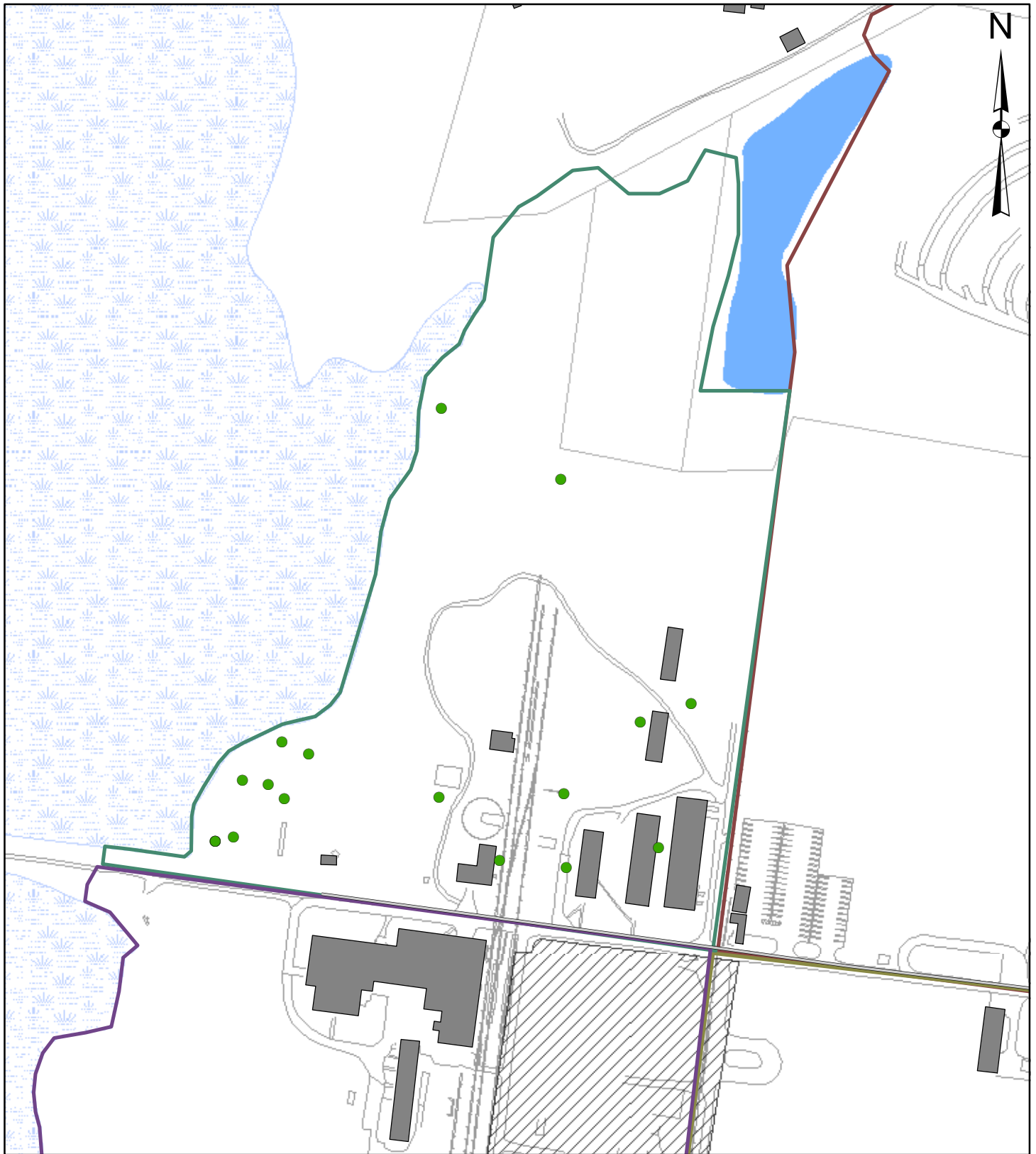


Comparison of Point Concentration to RGOs
 ● < HQ=1 (77,360 mg/kg)

Site Features and Areas

- Quadrant 1
- Quadrant 2
- Quadrant 3
- Quadrant 4
- Former Off-site Storage Tanks
- Former Cell Building Soil Cap
- Existing Buildings

Comparison of Soil Antimony to Residential Remedial Goal Options - Quadrant 3

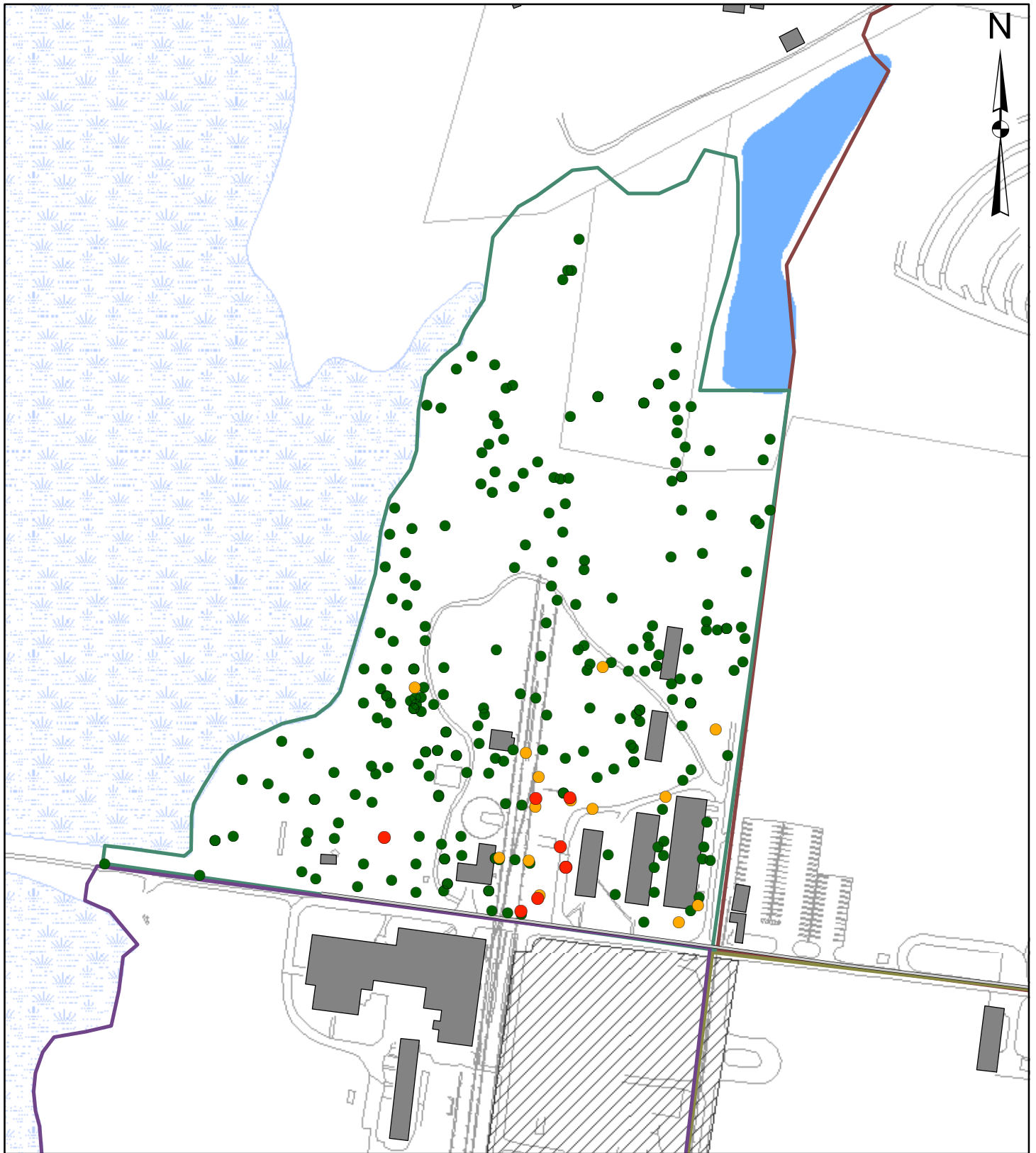


Comparison of Point Concentration to RGOs
 ● < HQ=1 (31.3 mg/kg)

Site Features and Areas

- Quadrant 1
- Quadrant 2
- Quadrant 3
- Quadrant 4
- Former Off-site Storage Tanks
- Former Cell Building Soil Cap
- Existing Buildings

Comparison of Soil Aroclor-1254 to Residential Remedial Goal Options - Quadrant 3



0 250 500
Feet

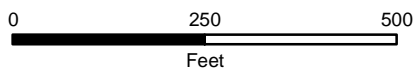
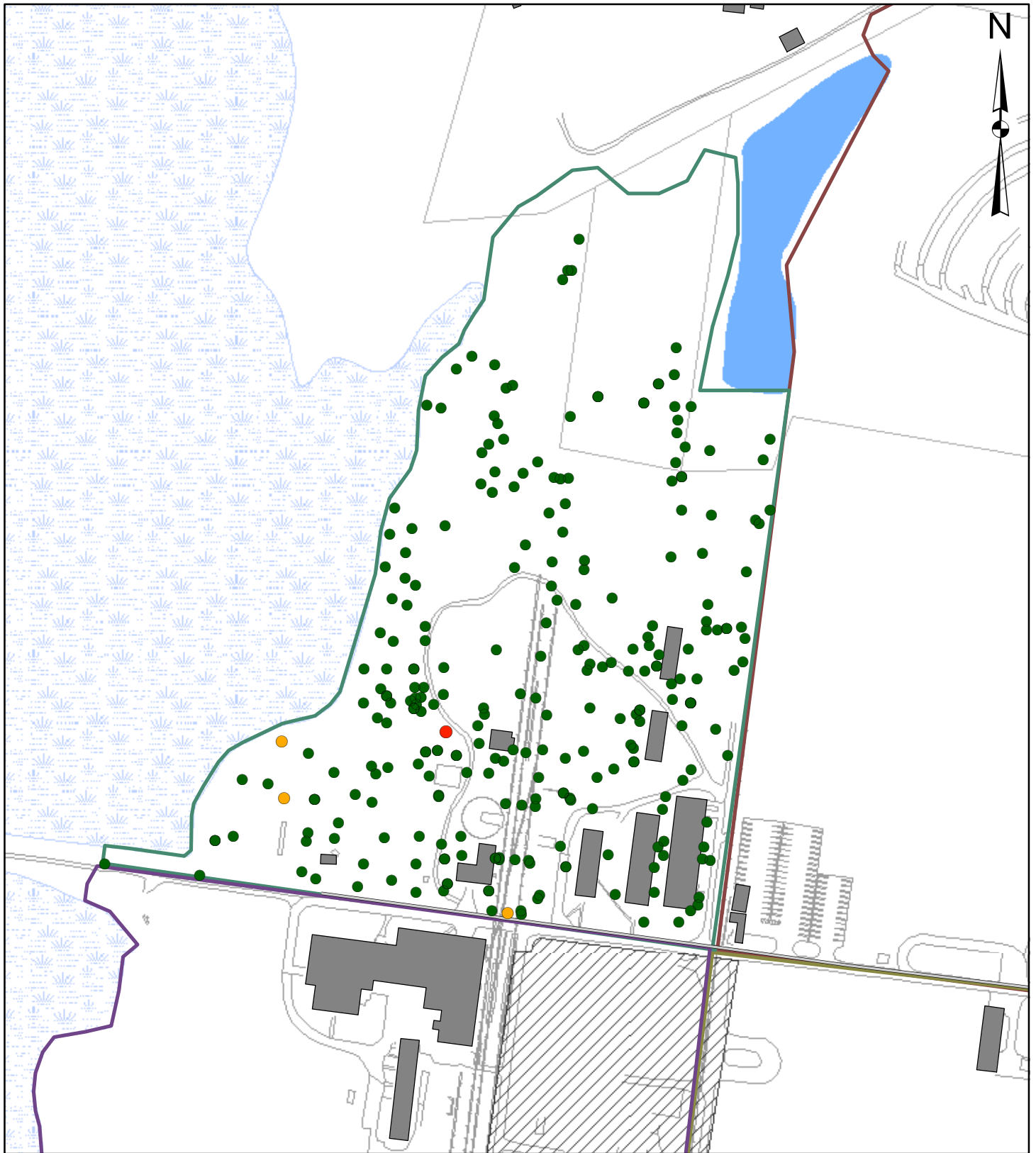
Comparison of Point Concentration to RGOs

- < HQ=1 (1.14 mg/kg)
- < HQ < 3 (1.14 to 3.41 mg/kg)
- > HQ=3 (3.41 mg/kg)

Site Features and Areas

- Quadrant 1
- Quadrant 2
- Quadrant 3
- Quadrant 4
- Former Off-site Storage Tanks
- ▨ Former Cell Building Soil Cap
- Existing Buildings

Comparison of Soil Aroclor-1260 to Residential Remedial Goal Options - Quadrant 3



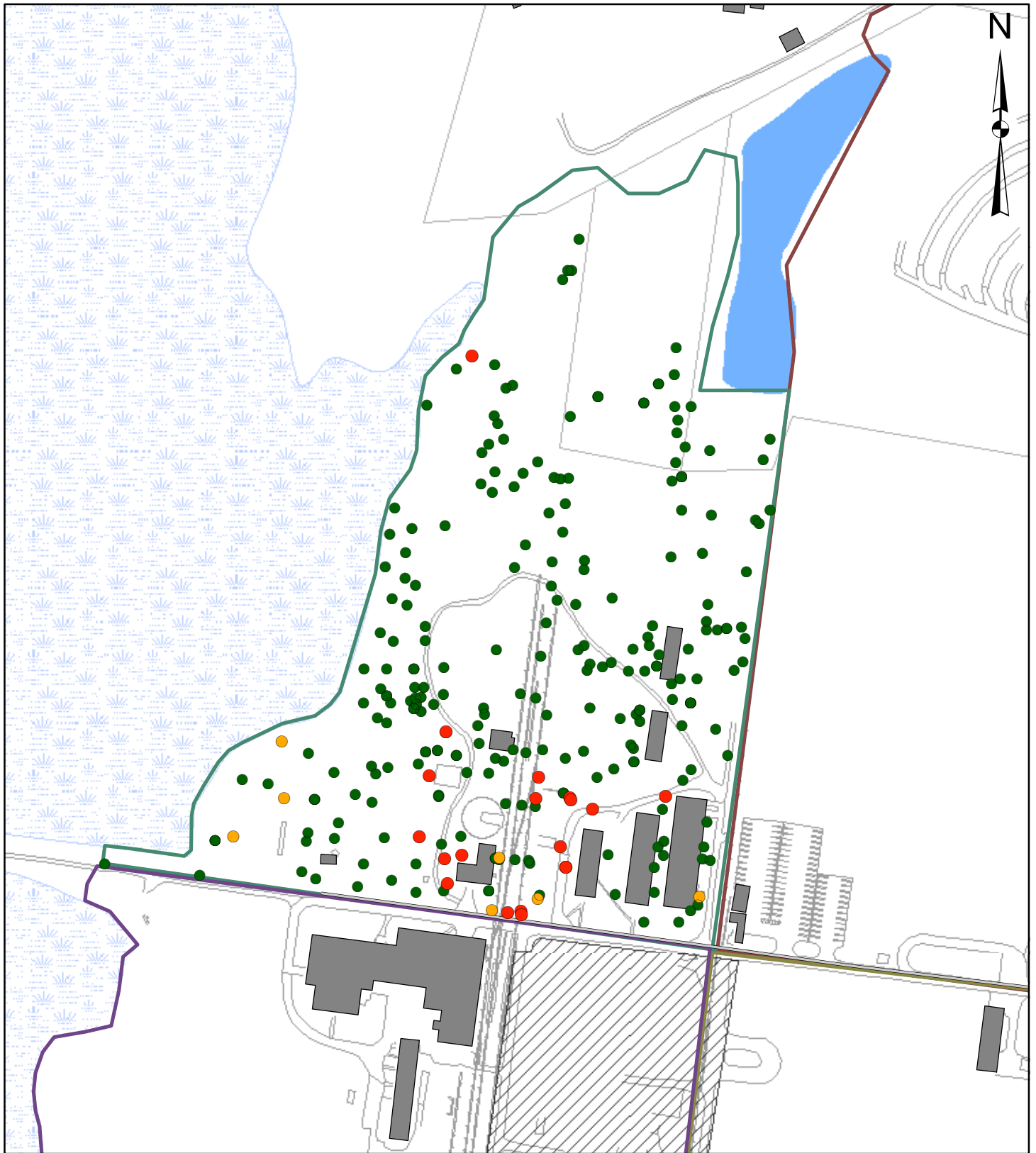
Comparison of Point Concentration to RGOs

- < HQ=1 (1.14 mg/kg)
- < HQ < 3 (1.14 to 3.41 mg/kg)
- > HQ=3 (3.41 mg/kg)

Site Features and Areas

- Quadrant 1
- Quadrant 2
- Quadrant 3
- Quadrant 4
- Former Off-site Storage Tanks
- ▨ Former Cell Building Soil Cap
- Existing Buildings

Comparison of Soil Aroclor-1268 to Residential Remedial Goal Options - Quadrant 3



0 250 500
Feet

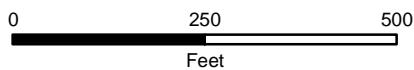
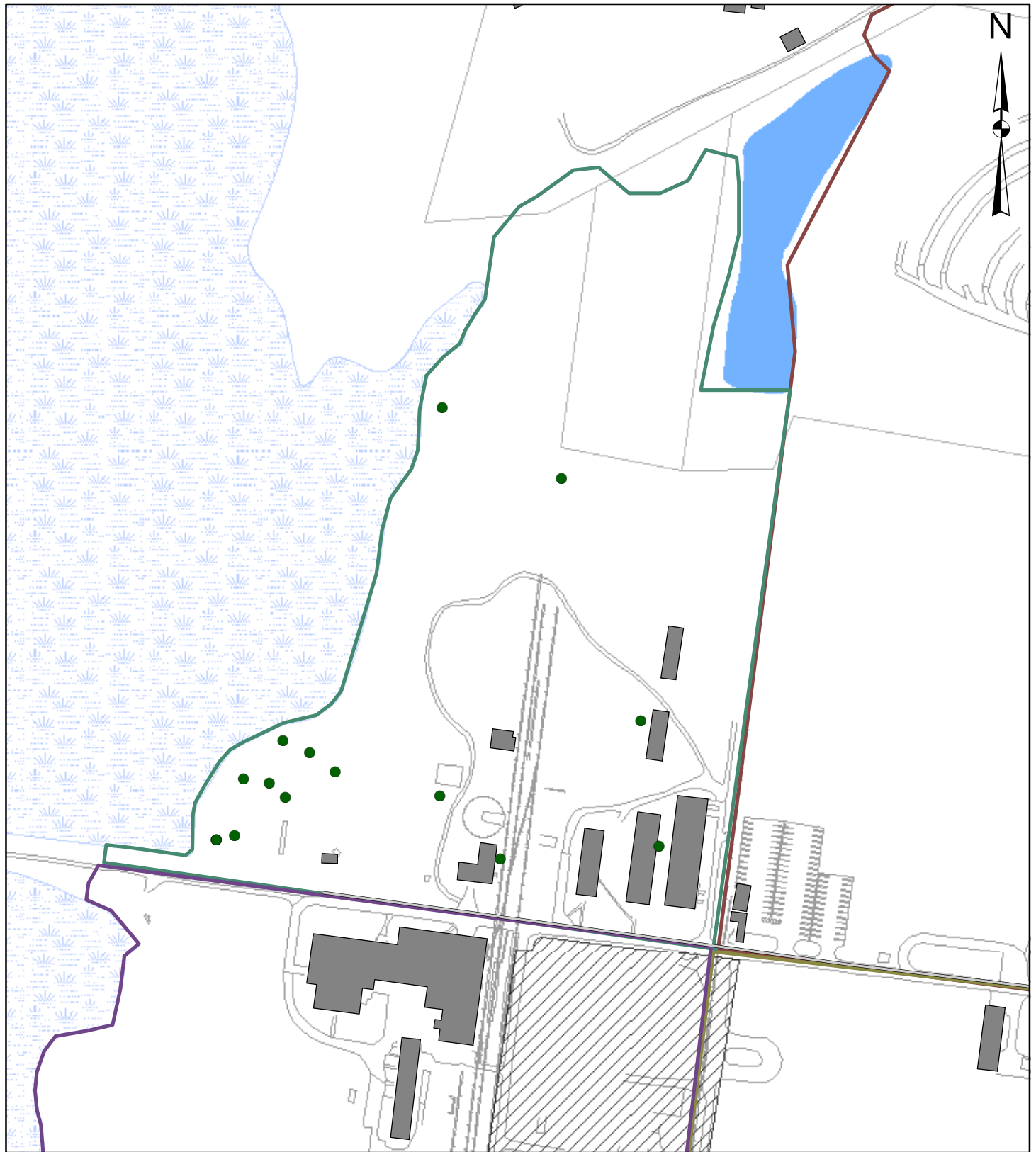
Comparison of Point Concentration to RGOs

- < HQ=1 (1.14 mg/kg)
- < HQ < 3 (1.14 to 3.41 mg/kg)
- > HQ=3 (3.41 mg/kg)

Site Features and Areas

- Quadrant 1
- Quadrant 2
- Quadrant 3
- Quadrant 4
- Former Off-site Storage Tanks
- ▨ Former Cell Building Soil Cap
- Existing Buildings

Comparison of Soil Arsenic to Residential Remedial Goal Options - Quadrant 3



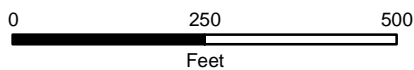
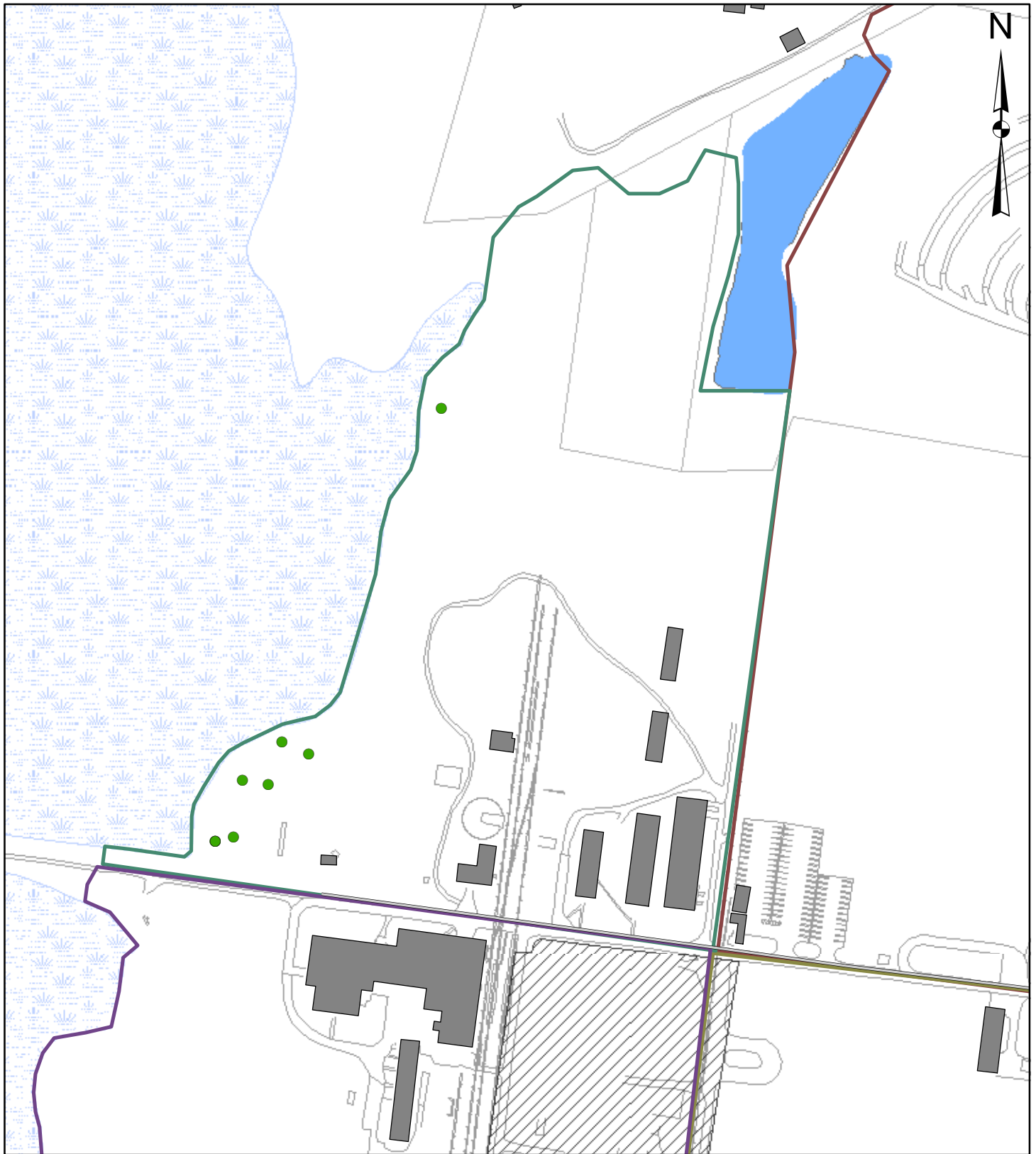
Comparison of Point Concentration to RGOs

- < HQ=1 (21.7 mg/kg)
- 1 < HQ < 3 (21.7 to 65.1 mg/kg)
- > HQ=3 (65.1 mg/kg)

Site Features and Areas

- Quadrant 1
- Quadrant 2
- Quadrant 3
- Quadrant 4
- Former Off-site Storage Tanks
- Former Cell Building Soil Cap
- Existing Buildings

Comparison of Soil Iron to Residential Remedial Goal Options - Quadrant 3



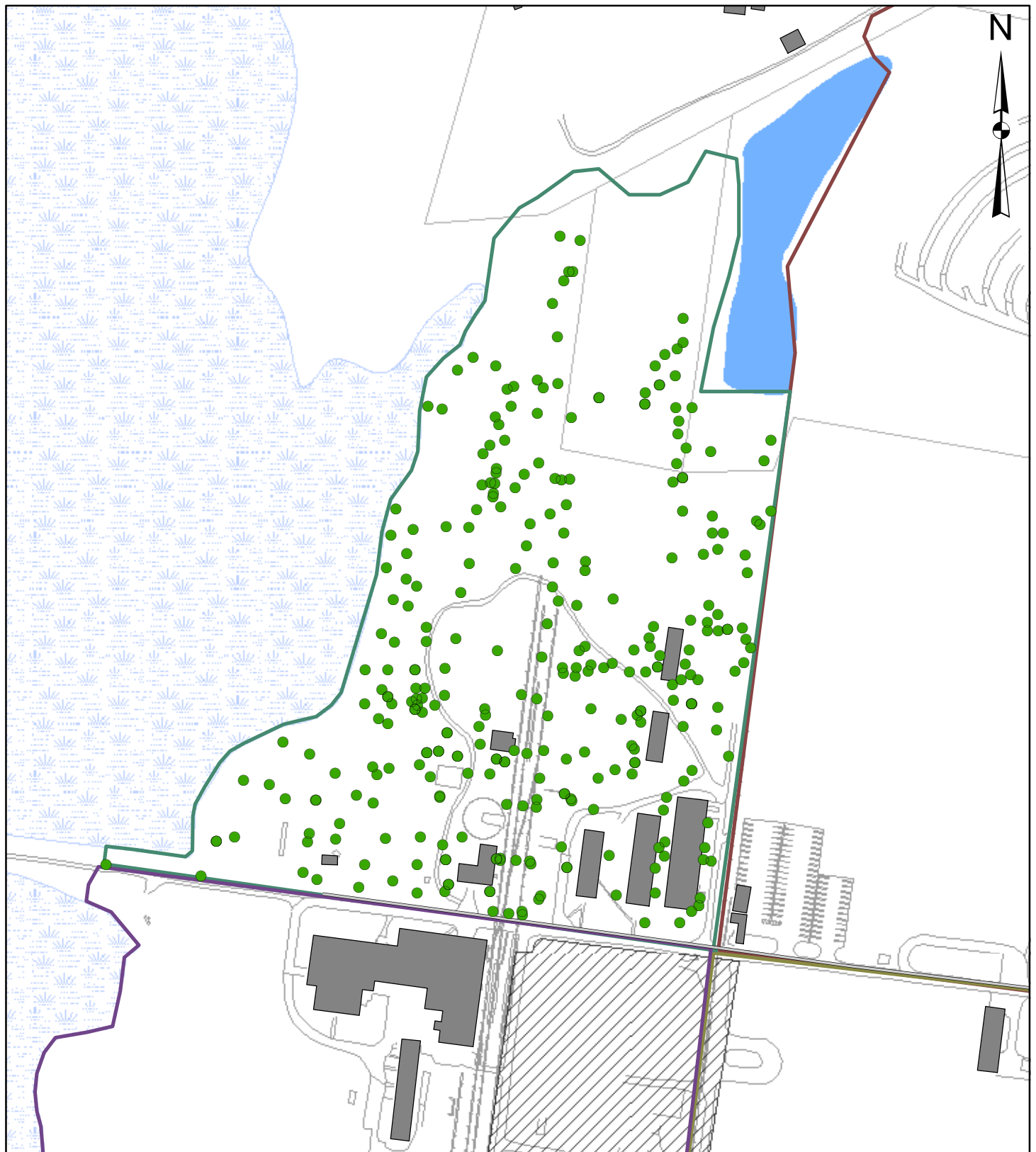
Comparison of Point Concentration to RGOs

- < HQ=1 (54,750 mg/kg)
- > HQ=1 (54,750 mg/kg)

Site Features and Areas

- Quadrant 1
- Quadrant 2
- Quadrant 3
- Quadrant 4
- Former Off-site Storage Tanks
- ▨ Former Cell Building Soil Cap
- Existing Buildings

Comparison of Soil Mercury to Residential Remedial Goal Options - Quadrant 3



0 250 500
Feet

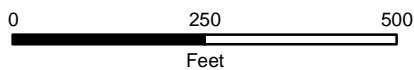
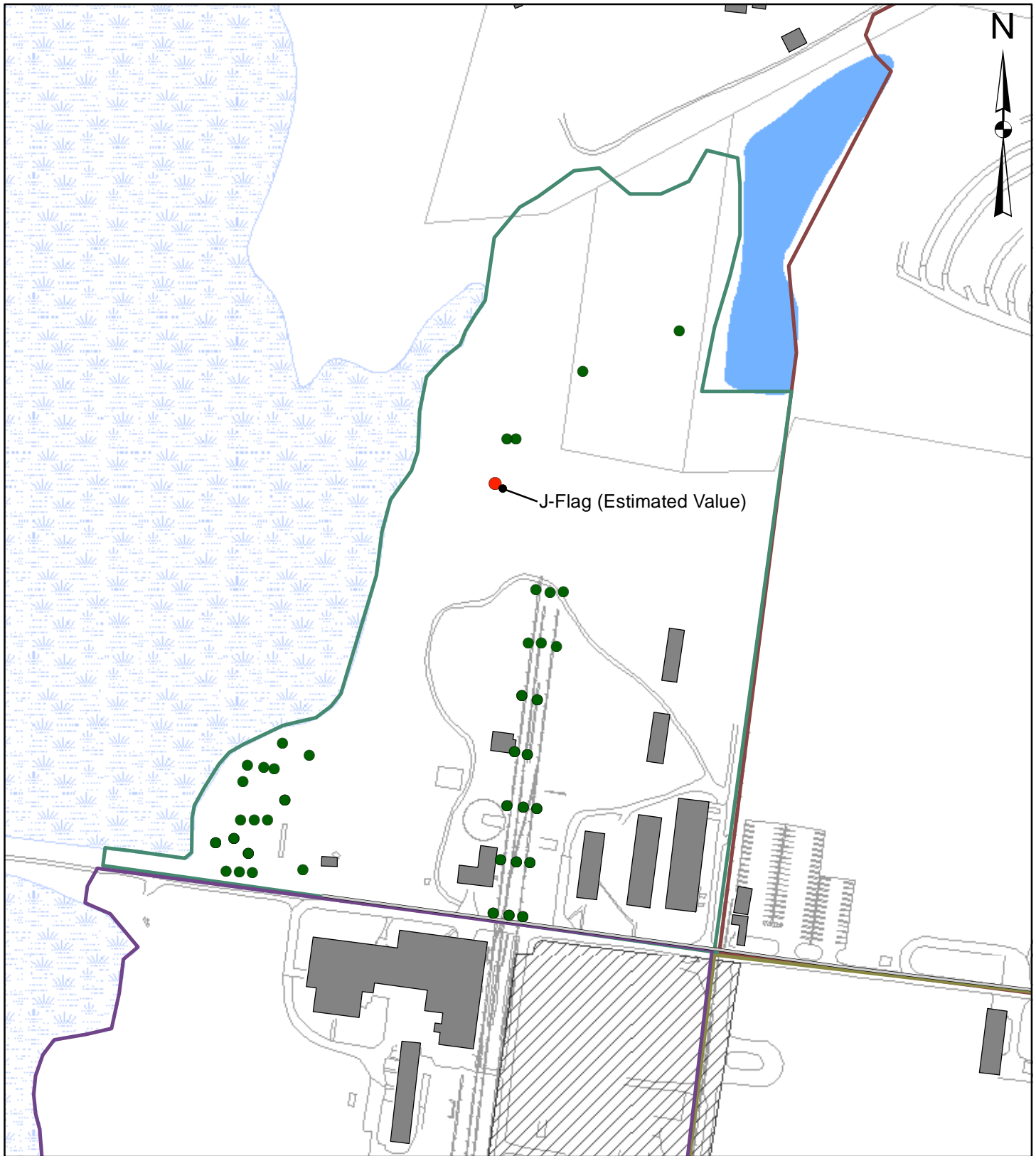
Comparison of Point Concentration to RGOs

- < HQ=1 (23.5 mg/kg)
- 1 < HQ < 3 (23.5 to 70.5 mg/kg)
- > HQ=3 (70.5 mg/kg)

Site Features and Areas

- Quadrant 1
- Quadrant 2
- Quadrant 3
- Quadrant 4
- Former Off-site Storage Tanks
- ▨ Former Cell Building Soil Cap
- Existing Buildings

Comparison of Soil 4,6-Dinitro-2-methylphenol to Residential Remedial Goal Options - Quadrant 3



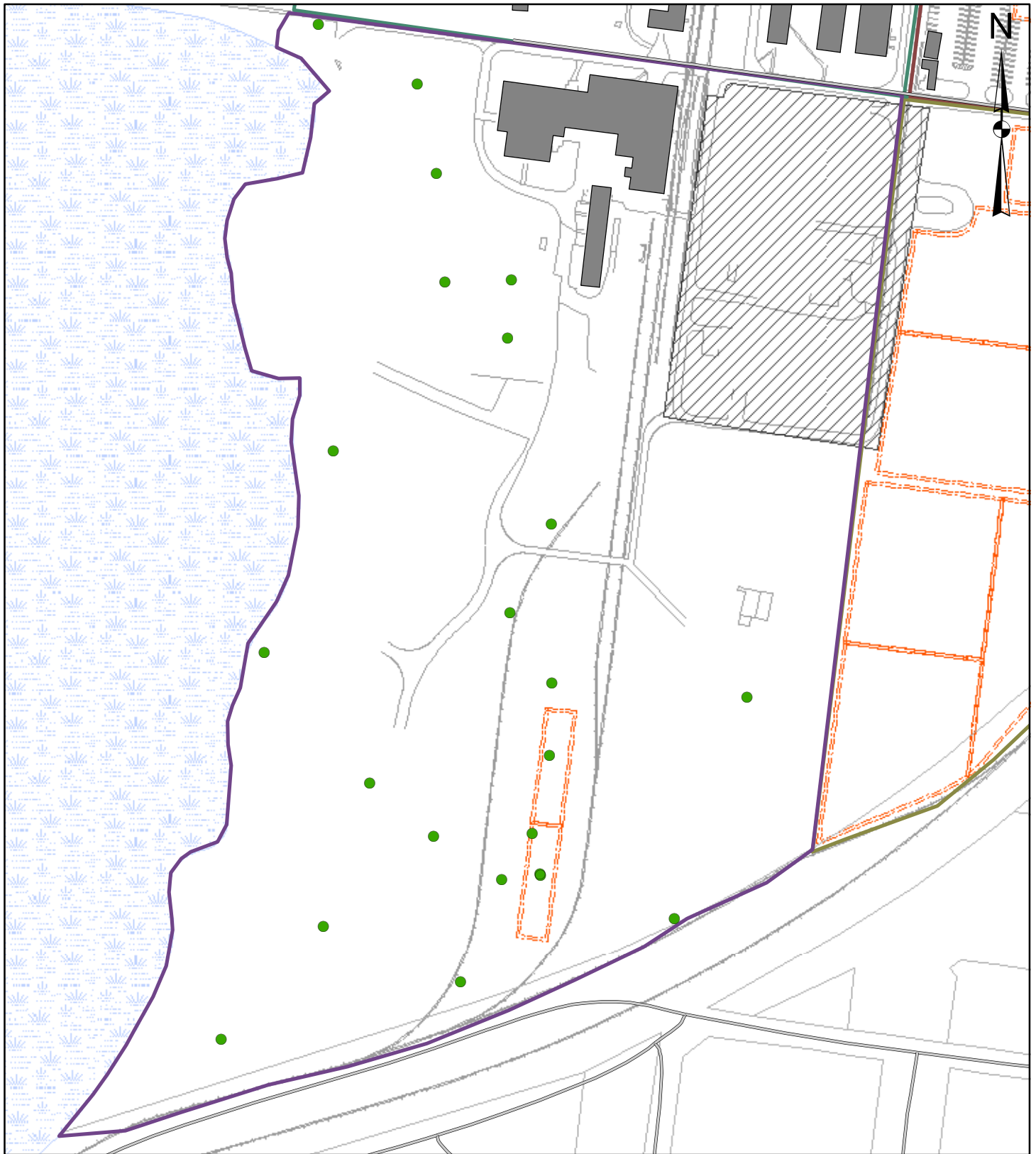
Comparison of Point Concentration to RGOs

- < HQ=1 (4.93 mg/kg)
- 1 < HQ < 3 (4.93 to 14.8 mg/kg)
- > HQ=3 (14.8 mg/kg)

Site Features and Areas

- Quadrant 1
- Quadrant 2
- Quadrant 3
- Quadrant 4
- Former Off-site Storage Tanks
- Former Cell Building Soil Cap
- Existing Buildings

Comparison of Soil Antimony to Residential Remedial Goal Options - Quadrant 4



0 250 500
Feet

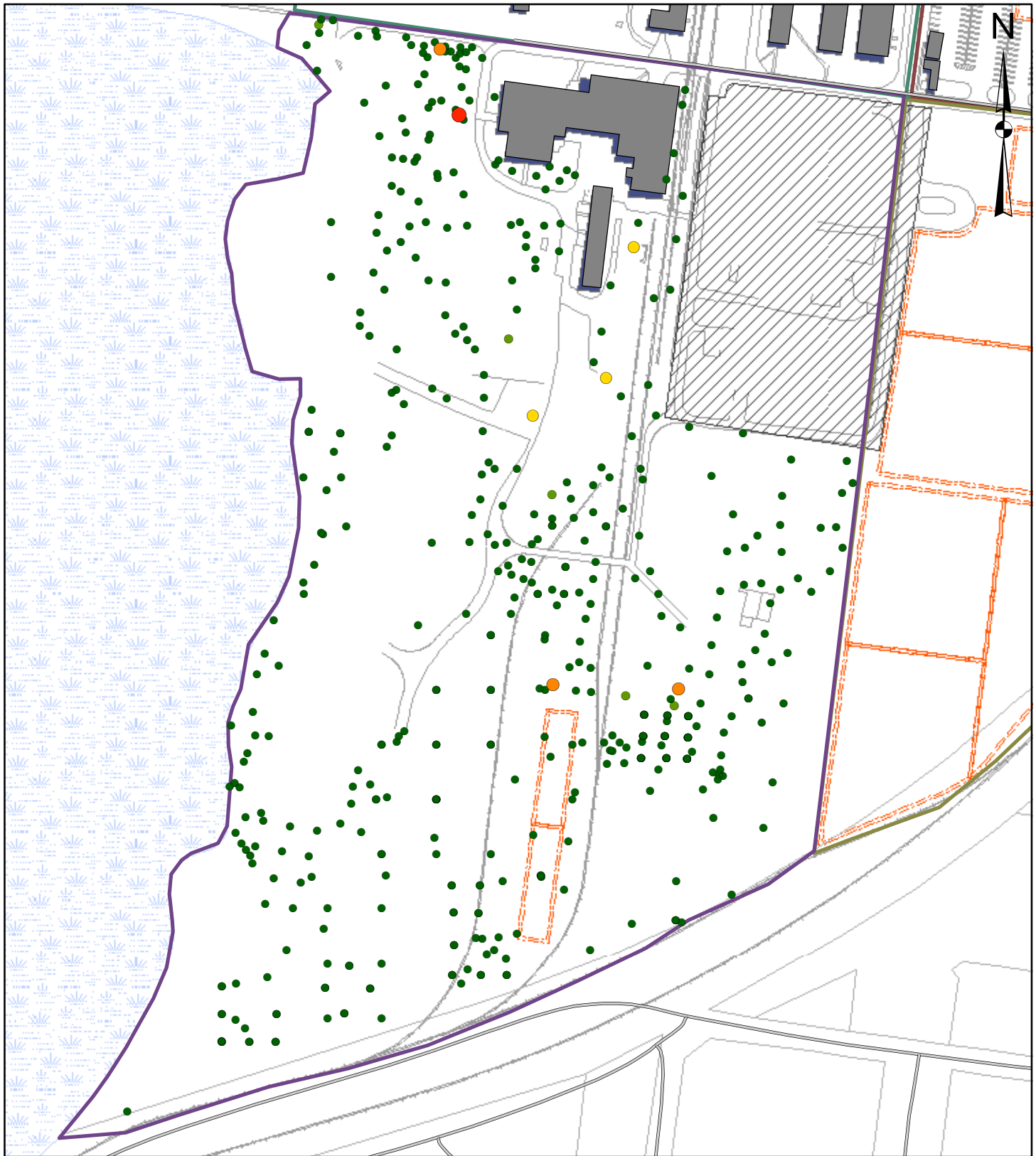
Comparison of Point Concentration to RGOs

- < HQ=1 (31.3 mg/kg)
- 1 < HQ < 3 (31.3 to 93.9 mg/kg)
- > HQ=3 (93.9 mg/kg)

Site Features and Areas

- | | | |
|--------------|---------------------------------|-------------------------------|
| □ Quadrant 1 | □ Former Off-site Storage Tanks | □ Composite Area (Geosyntec) |
| □ Quadrant 2 | □ Former Cell Building Soil Cap | □ Composite Area (EPA/Weston) |
| □ Quadrant 3 | ■ Existing Buildings | |
| □ Quadrant 4 | | |

Comparison of Soil Aroclor-1254 to Residential Remedial Goal Options - Quadrant 4



0 250 500
Feet

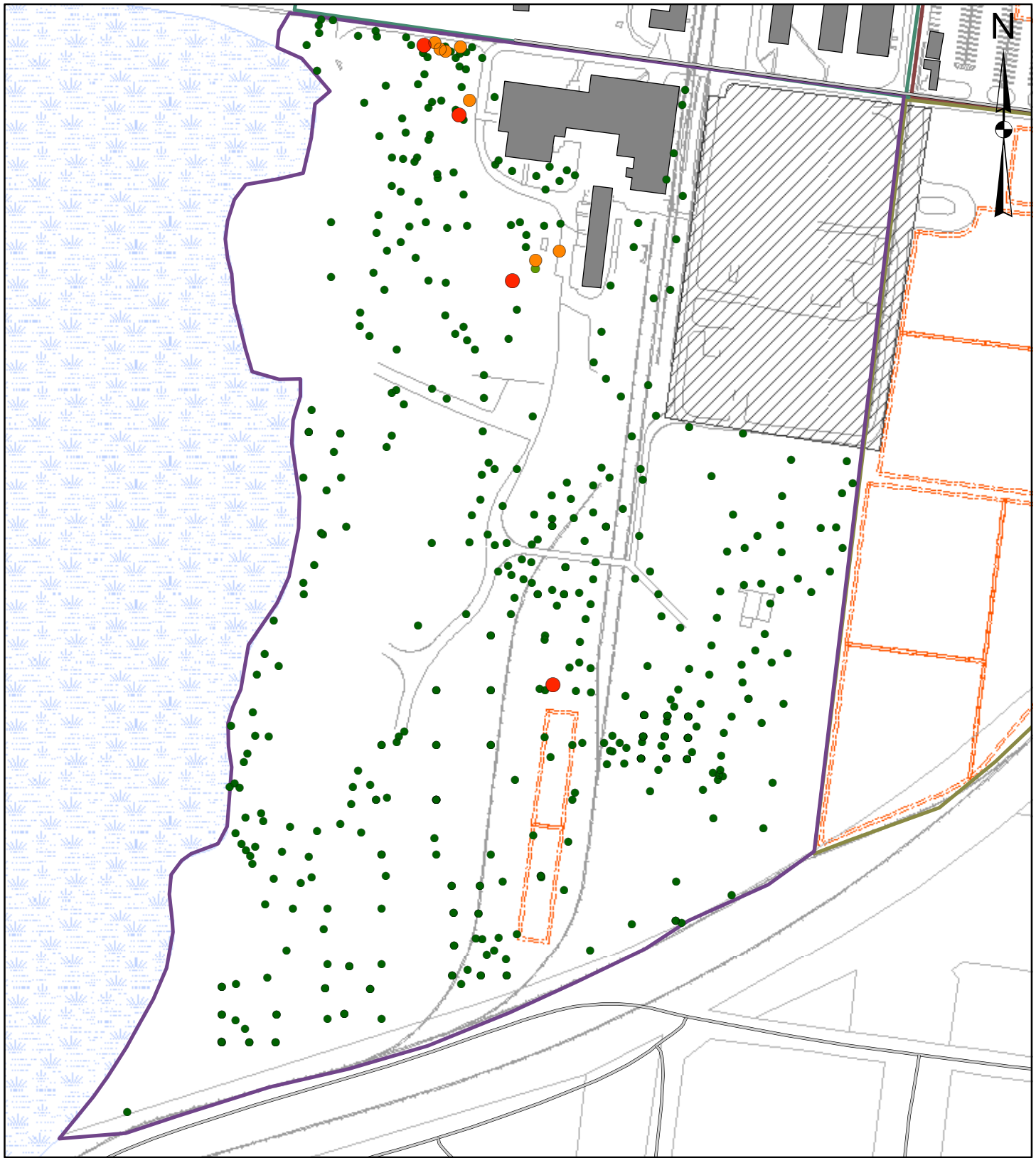
Comparison of Point Concentration to RGOs

- < ELCR 10-6 (0.22 mg/kg)
- < HQ=1 (1.14 mg/kg)
- > HQ=1 (1.14 mg/kg)
- > ELCR 10-5 (2.23 mg/kg)
- > HQ=3 (3.41 mg/kg)
- > ELCR 10-4 (22.4 mg/kg)

Site Features and Areas

- Quadrant 1
- Quadrant 2
- Quadrant 3
- Quadrant 4
- Former Off-site Storage Tanks
- Former Cell Building Soil Cap
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Comparison of Soil Aroclor-1260 to Residential Remedial Goal Options - Quadrant 4



0 250 500
Feet

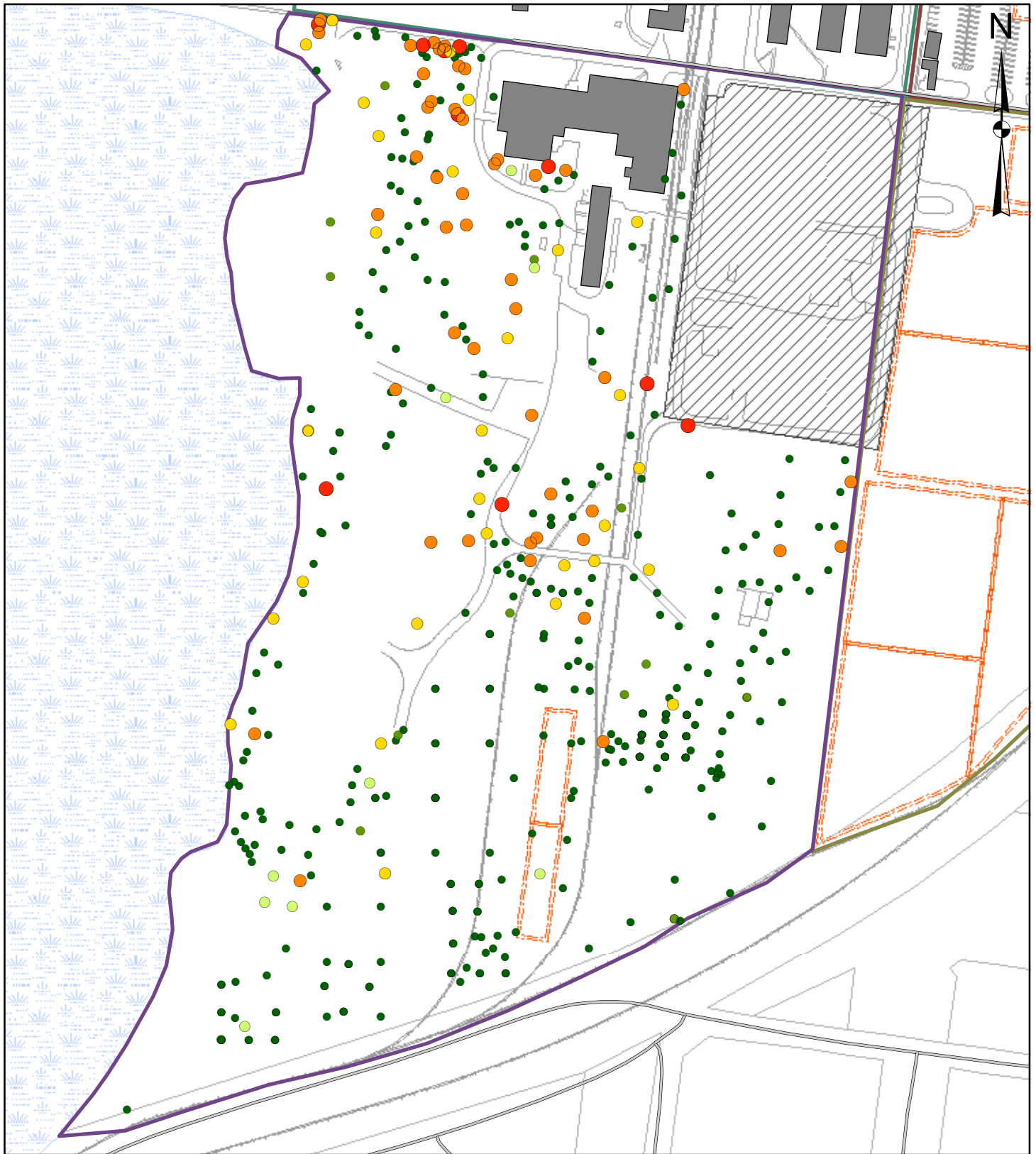
Comparison of Point Concentration to RGOs

- < ELCR 10-6 (0.22 mg/kg)
- > ELCR 10-5 (2.23 mg/kg)
- < HQ=1 (1.14 mg/kg)
- > HQ=3 (3.41 mg/kg)
- > HQ=1 (1.14 mg/kg)
- > ELCR 10-4 (22.4 mg/kg)

Site Features and Areas

- Quadrant 1
- Former Off-site Storage Tanks
- Composite Area (Geosyntec)
- Quadrant 2
- Former Cell Building Soil Cap
- Composite Area (EPA/Weston)
- Quadrant 3
- Existing Buildings

Comparison of Soil Aroclor-1268 to Residential Remedial Goal Options - Quadrant 4



0 250 500
Feet

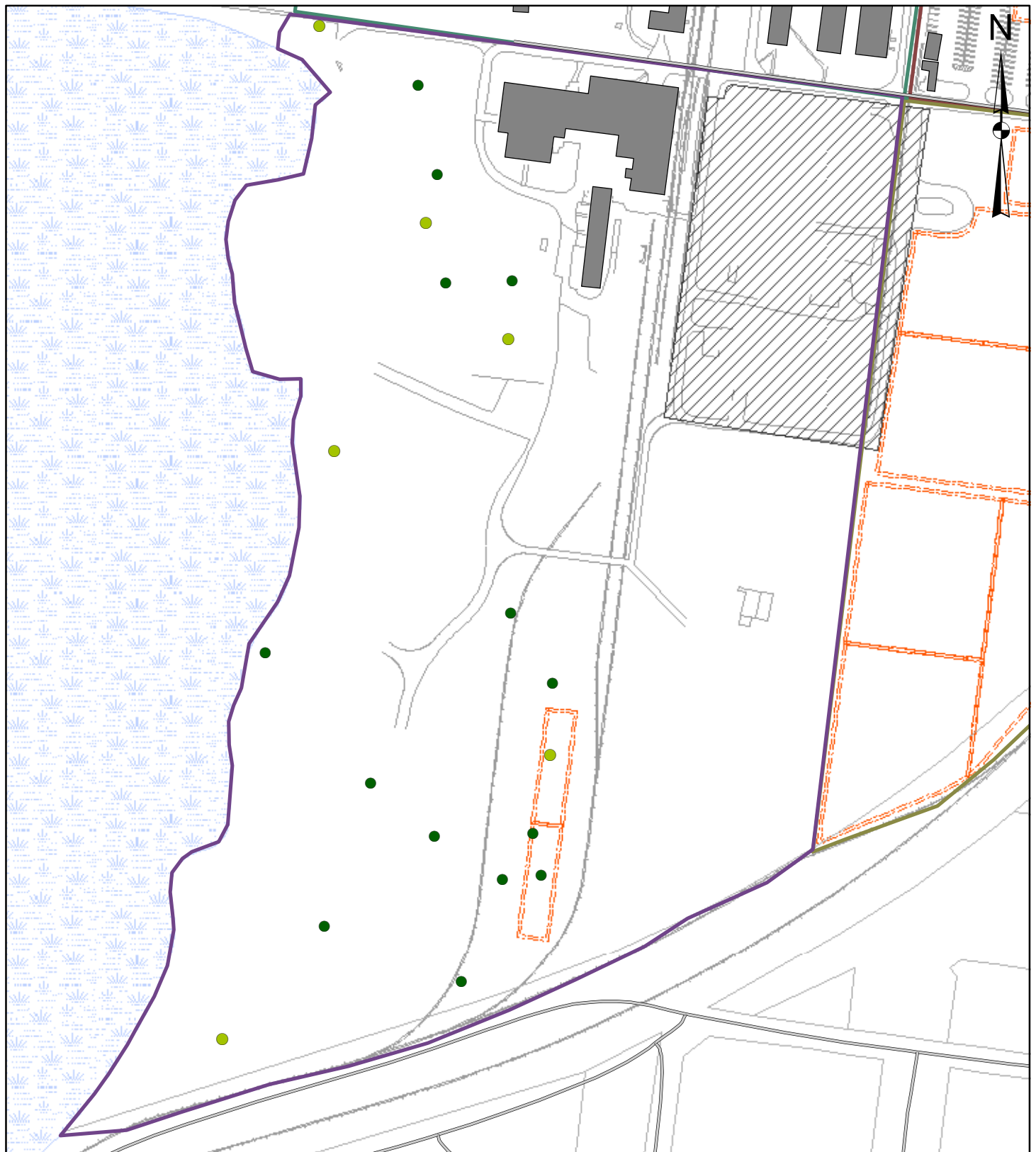
Comparison of Point Concentration to RGOs

- < ELCR 10-6 (0.22 mg/kg)
- > ELCR 10-5 (2.23 mg/kg)
- < HQ=1 (1.14 mg/kg)
- > HQ=3 (3.41 mg/kg)
- > HQ=1 (1.14 mg/kg)
- > ELCR 10-4 (22.4 mg/kg)

Site Features and Areas

- Quadrant 1
- Former Off-site Storage Tanks
- Composite Area (Geosyntec)
- Quadrant 2
- Former Cell Building Soil Cap
- Composite Area (EPA/Weston)
- Quadrant 3
- Existing Buildings

Comparison of Soil Arsenic to Residential Remedial Goal Options - Quadrant 4



0 250 500
Feet

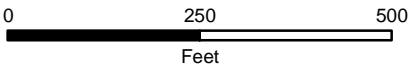
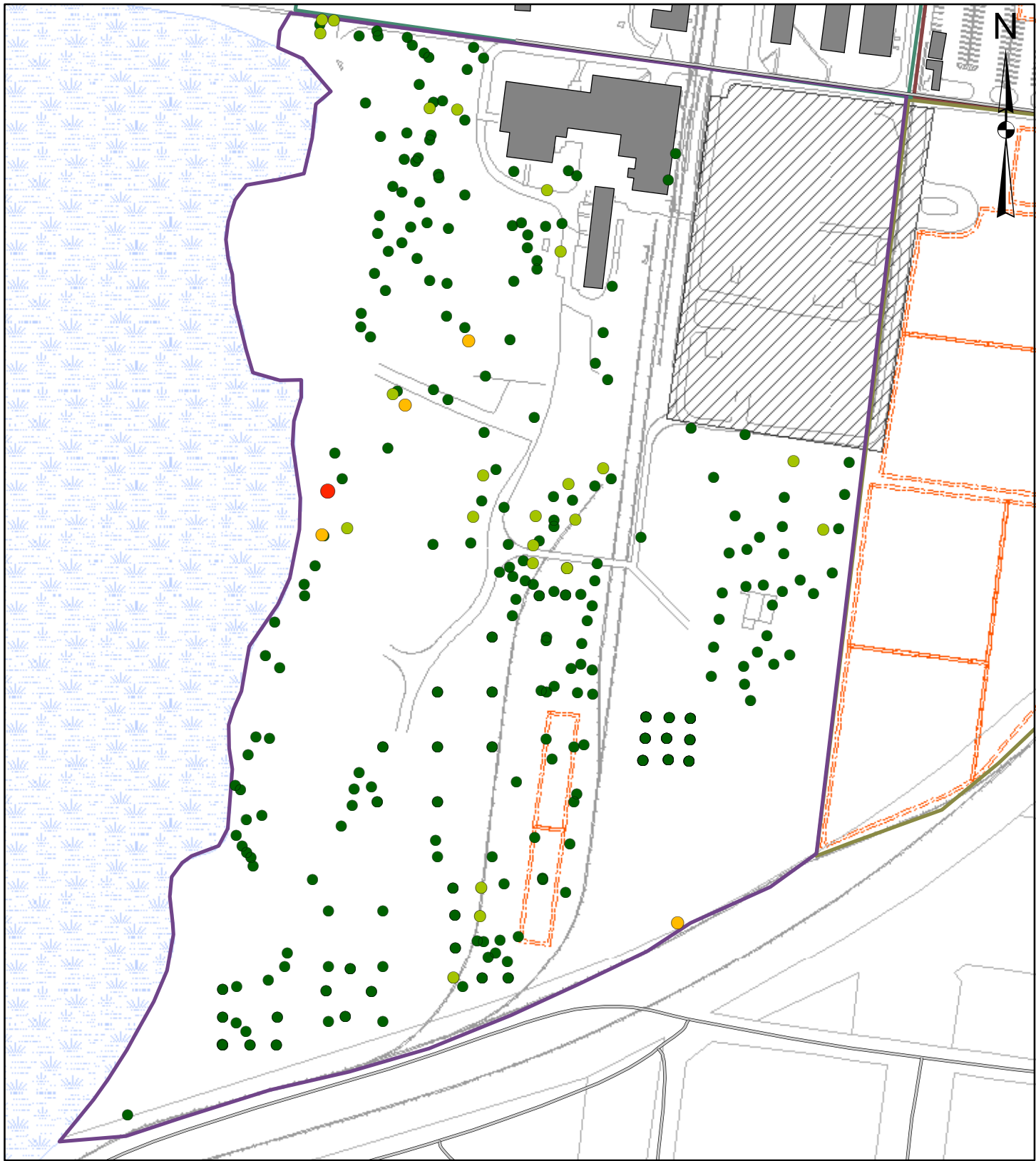
Comparison of Point Concentration to RGOs

- < ELCR 10-6 (0.39 mg/kg)
- 10-6 < ELCR < 10-5 (0.39 to 3.9 mg/kg)
- 10-5 < ELCR < 10-4 (3.9 to 39 mg/kg)
- > ELCR 10-4 (39 mg/kg)

Site Features and Areas

- | | | |
|--------------|---------------------------------|-------------------------------|
| □ Quadrant 1 | □ Former Off-site Storage Tanks | □ Composite Area (Geosyntec) |
| □ Quadrant 2 | □ Former Cell Building Soil Cap | □ Composite Area (EPA/Weston) |
| □ Quadrant 3 | ■ Existing Buildings | |
| □ Quadrant 4 | | |

Comparison of Soil Benzo(a)anthracene to Residential Remedial Goal Options Quadrant 4



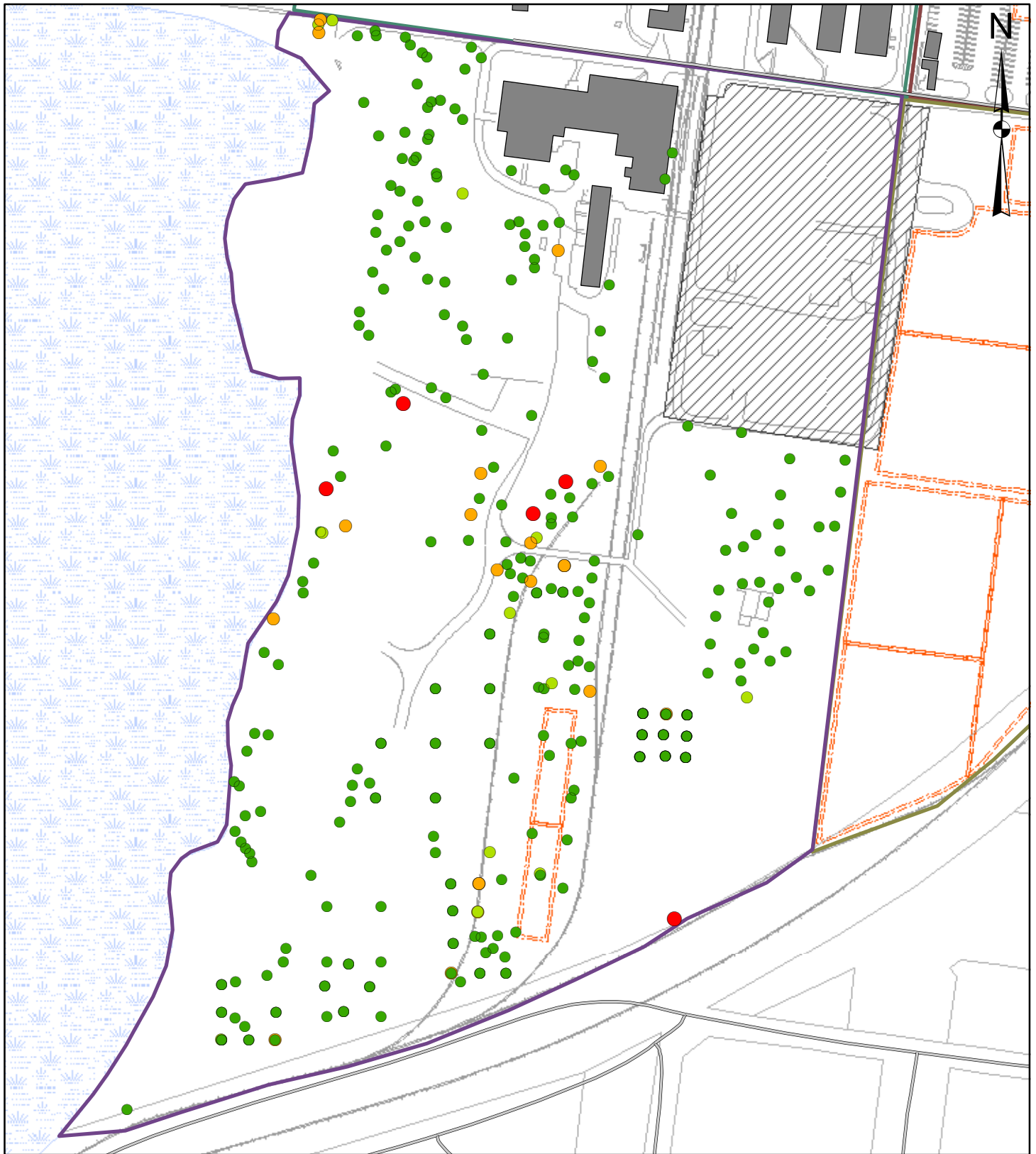
Comparison of Point Concentration to RGOs

- < ELCR 10-6 (0.62 mg/kg)
- 10-6 < ELCR < 10-5 (0.62 to 6.2 mg/kg)
- 10-5 < ELCR < 10-4 (6.2 to 62 mg/kg)
- > ELCR 10-4 (62 mg/kg)

Site Features and Areas

- | | | |
|--------------|---------------------------------|-------------------------------|
| □ Quadrant 1 | □ Former Off-site Storage Tanks | □ Composite Area (Geosyntec) |
| □ Quadrant 2 | □ Former Cell Building Soil Cap | □ Composite Area (EPA/Weston) |
| □ Quadrant 3 | ■ Existing Buildings | |
| □ Quadrant 4 | | |

Comparison of Soil Benzo(a)pyrene to Residential Remedial Goal Options Quadrant 4



0 250 500
Feet

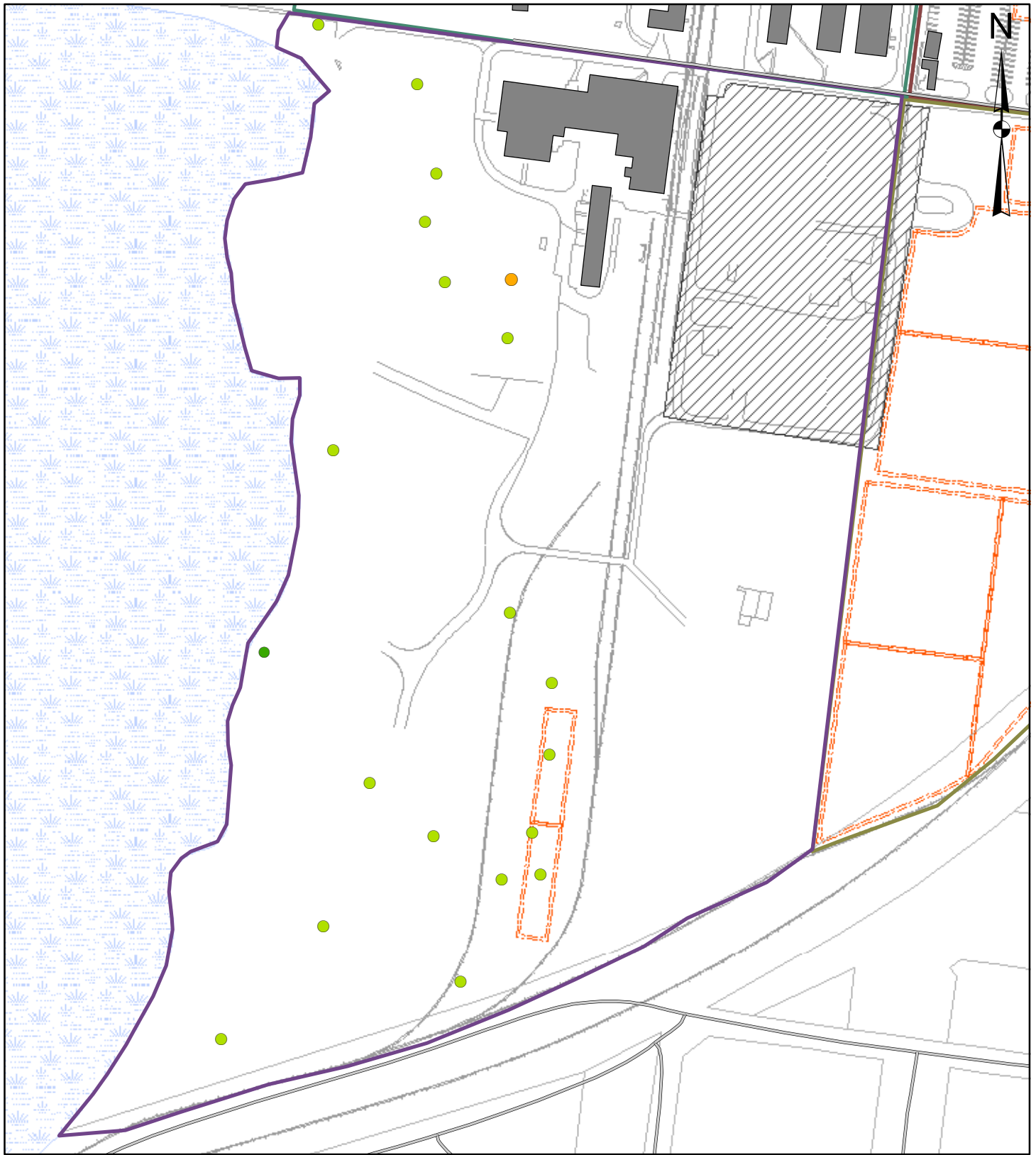
Comparison of Point Concentration to RGOs

- < ELCR 10-6 (0.062 mg/kg)
- 10-6 < ELCR < 10-5 (0.062 to 0.62 mg/kg)
- 10-5 < ELCR < 10-4 (0.62 to 6.2 mg/kg)
- > ELCR 10-4 (6.2 mg/kg)

Site Features and Areas

- Quadrant 1
- Quadrant 2
- Quadrant 3
- Quadrant 4
- Former Off-site Storage Tanks
- ▨ Former Cell
- Building Soil Cap
- Existing Buildings
- Composite Area (Geosyntec)
- Composite Area (EPA/Weston)

Comparison of Soil Chromium to Residential Remedial Goal Options - Quadrant 4



0 250 500
Feet

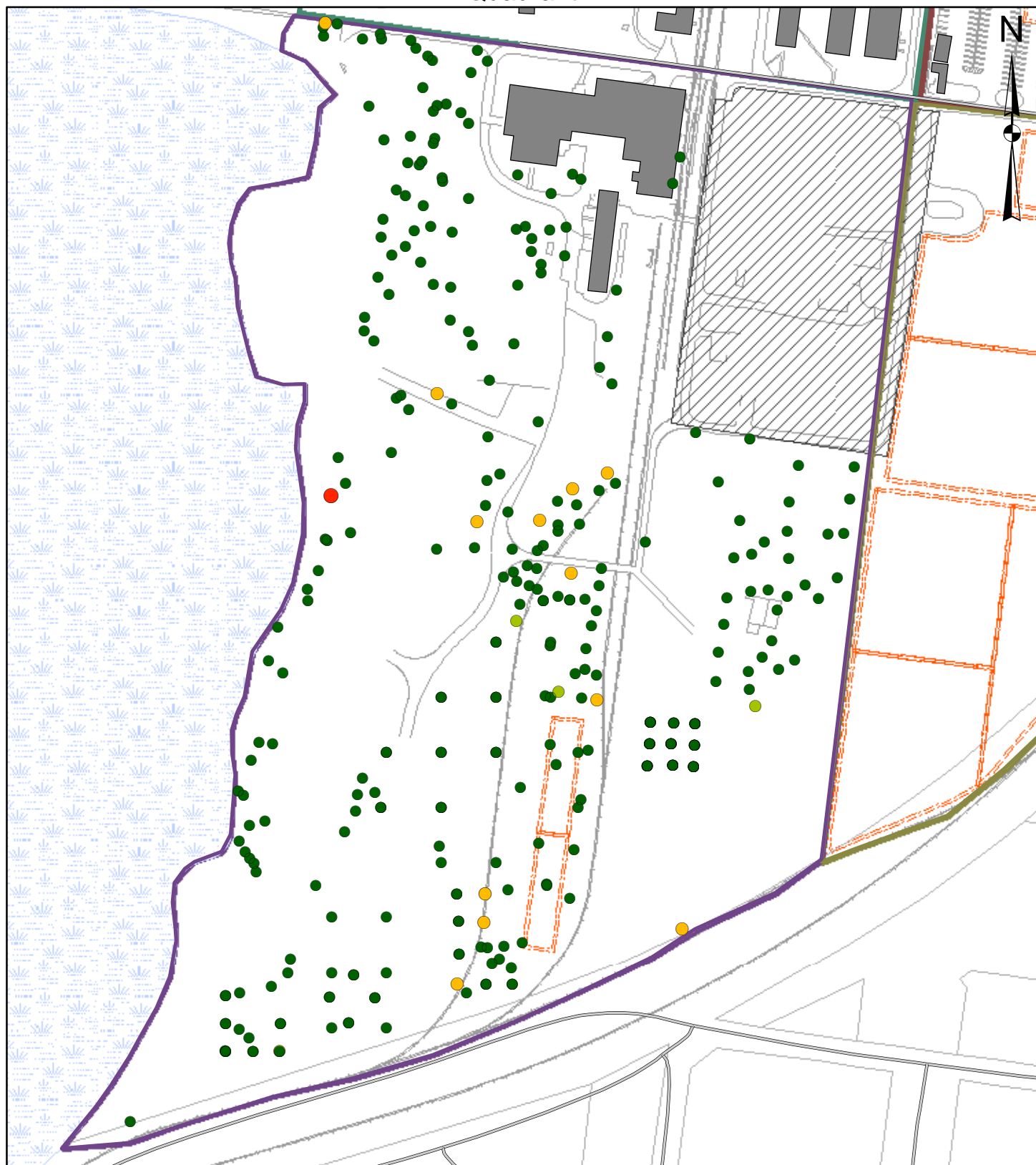
Comparison of Point Concentration to RGOs

- < ELCR 10-6 (1.28 mg/kg)
- 10-6 < ELCR < 10-5 (1.28 to 12.8 mg/kg)
- 10-5 < ELCR < 10-4 (12.8 to 127.7 mg/kg)
- > ELCR 10-4 (127.7 mg/kg)

Site Features and Areas

- | | | |
|--------------|---------------------------------|-------------------------------|
| ■ Quadrant 1 | ■ Former Off-site Storage Tanks | ■ Composite Area (Geosyntec) |
| ■ Quadrant 2 | ■ Former Cell Building Soil Cap | ■ Composite Area (EPA/Weston) |
| ■ Quadrant 3 | ■ Existing Buildings | |
| ■ Quadrant 4 | | |

Comparison of Soil Dibenz(a,h)anthracene to Residential Remedial Goal Options Quadrant 4



0 250 500
Feet

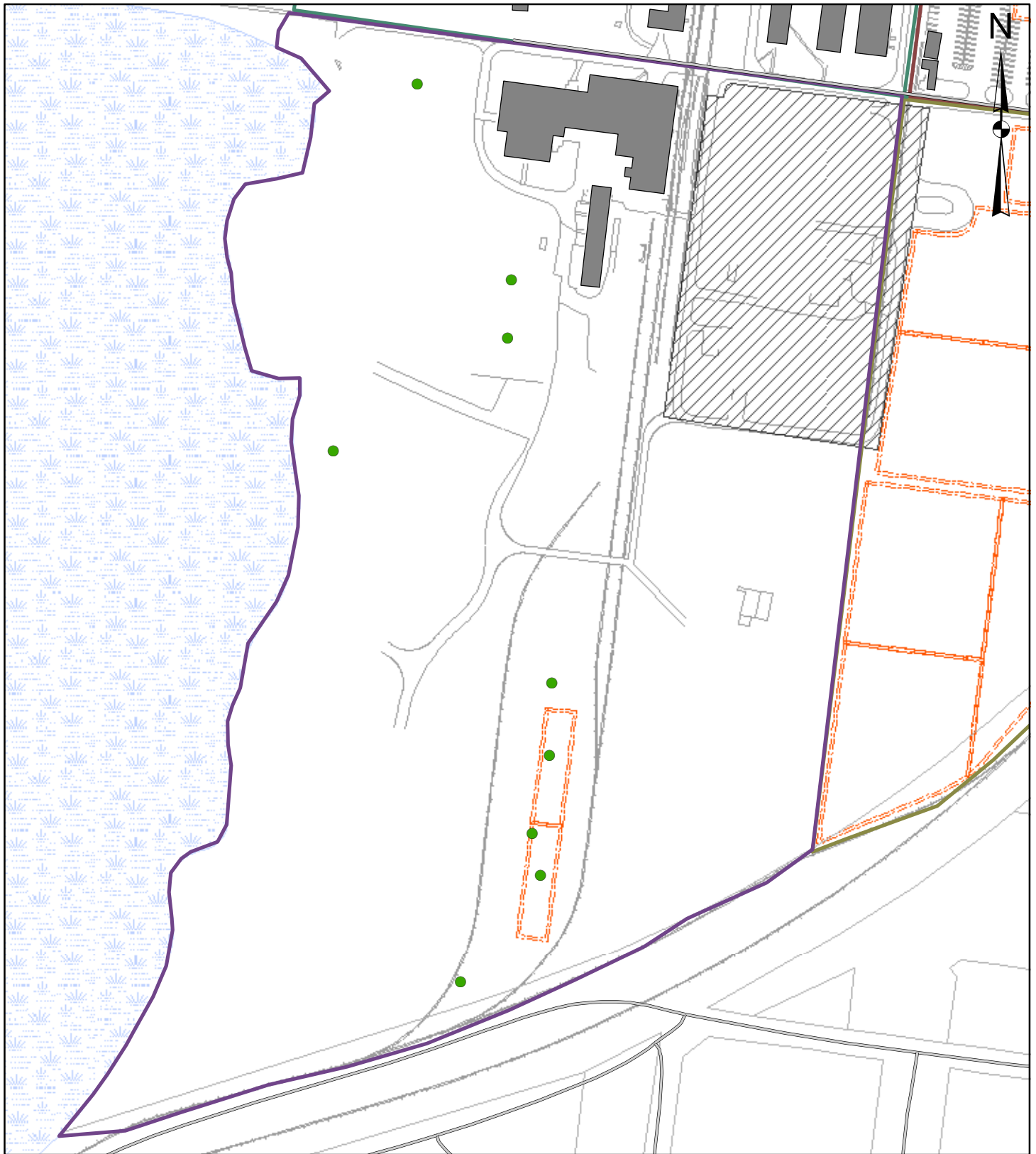
Comparison of Point Concentration to RGOs

- < ELCR 10-6 (0.062 mg/kg)
- 10-6 < ELCR < 10-5 (0.062 to 0.62 mg/kg)
- 10-5 < ELCR < 10-4 (0.62 to 6.2 mg/kg)
- > ELCR 10-4 (6.2 mg/kg)

Site Features and Areas

- | | | |
|--------------|---------------------------------|-------------------------------|
| □ Quadrant 1 | □ Former Off-site Storage Tanks | □ Composite Area (Geosyntec) |
| □ Quadrant 2 | □ Former Cell Building Soil Cap | □ Composite Area (EPA/Weston) |
| □ Quadrant 3 | ■ Existing Buildings | |
| □ Quadrant 4 | | |

Comparison of Soil Iron to Residential Remedial Goal Options - Quadrant 4



0 250 500
Feet

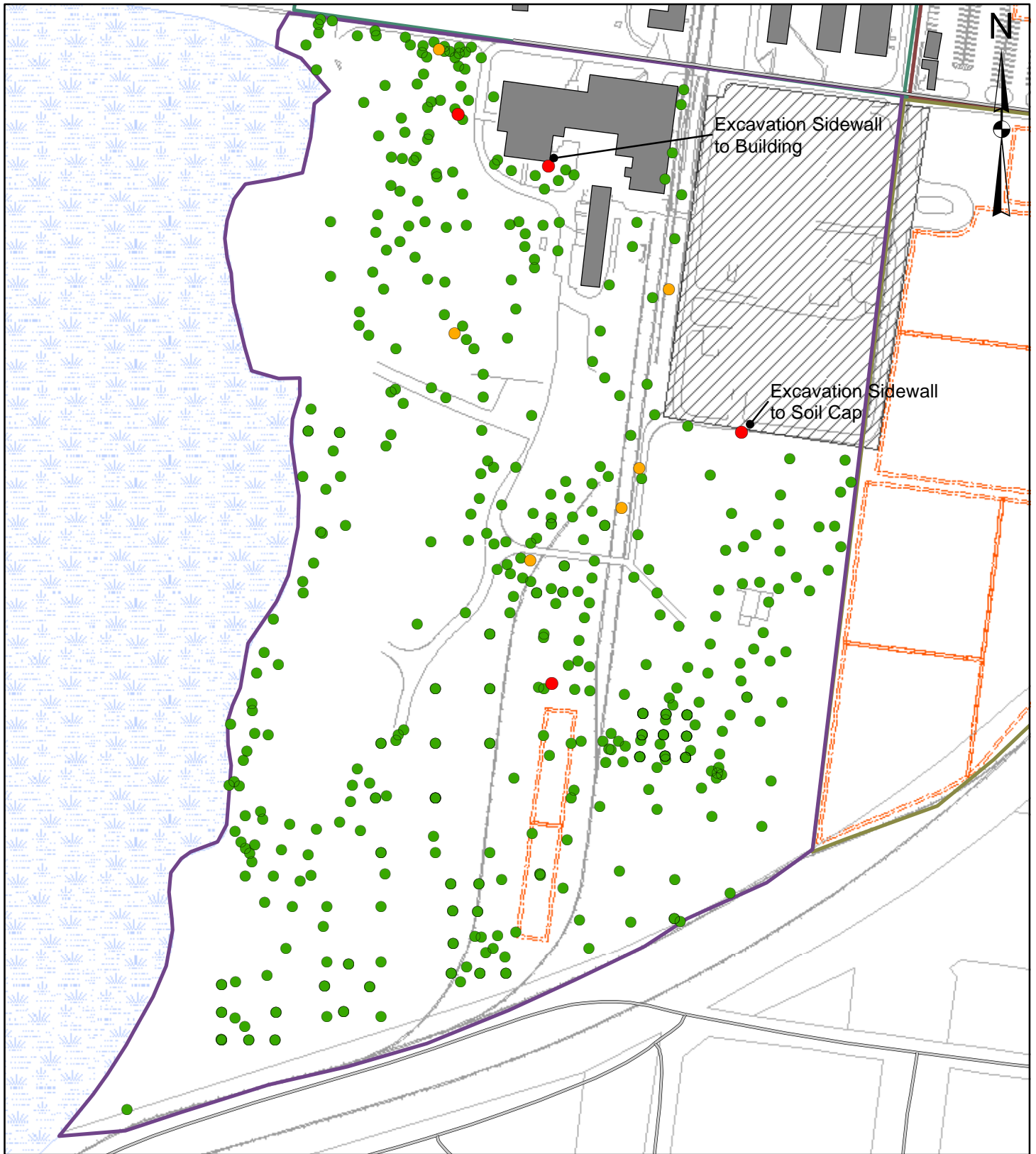
Comparison of Point Concentration to RGOs

- < HQ=1 (53,750 mg/kg)
- > HQ=1 (53,750 mg/kg)

Site Features and Areas

- | | | |
|--------------|---------------------------------|-------------------------------|
| □ Quadrant 1 | □ Former Off-site Storage Tanks | □ Composite Area (Geosyntec) |
| □ Quadrant 2 | ▨ Former Cell Building Soil Cap | □ Composite Area (EPA/Weston) |
| □ Quadrant 3 | ■ Existing Buildings | |
| □ Quadrant 4 | | |

Comparison of Soil Mercury to Residential Remedial Goal Options - Quadrant 4



0 250 500
Feet

Comparison of Point Concentration to RGOs

- < HQ=1 (23.5 mg/kg)
- 1 < HQ < 3 (23.5 to 70.5 mg/kg)
- > HQ=3 (70.5 mg/kg)

Site Features and Areas

- | | | |
|--------------|---------------------------------|-------------------------------|
| □ Quadrant 1 | □ Former Off-site Storage Tanks | □ Composite Area (Geosyntec) |
| □ Quadrant 2 | ▨ Former Cell Building Soil Cap | □ Composite Area (EPA/Weston) |
| □ Quadrant 3 | ■ Existing Buildings | |
| □ Quadrant 4 | | |

APPENDIX C

APPENDIX C

Spatial Analysis of Soil Data for Primary Ecological COCs

This appendix presents a spatial analysis of the OU3 soil data set for mercury, lead, and PCBs with respect to the ecological PRGs for these constituents. The basic parameters for this analysis were established in a meeting with the USEPA and GAEPD on August 28, 2012. There are several factors that limit the application of conventional interpolation techniques (e.g., kriging, inverse distance weighting) for the OU3 RI data set. Primary among these is the fact that most of the soil samples in the OU3 data set were collected during the upland removal action in the late 1990s and were analyzed by on-site laboratories,¹ which generally did not achieve the same level of analytical sensitivity (i.e., detection limits) as off-site commercial laboratories. While the detection limits for the on-site laboratory samples were typically satisfactory for determining whether concentrations were above or below the removal action goals, they are often similar to, and sometimes exceed, the ecological PRGs for some of the receptors evaluated in the OU3 BERA. Because of these factors, it was agreed that the interpolation exercise would be based on local area averaging of the soil data within one-acre grids. The one-acre grid size was selected because it corresponds to the approximate home range of a small mammal receptor, the short-tailed shrew, which was evaluated in the OU3 BERA.

Methods

ArcGIS was used to create a grid with one-acre cells covering the upland portion of the Site (Figure C-1). Within these one-acre grid cells, central tendency (i.e., arithmetic mean or median) concentrations of the primary ecological COPC were computed using all of the soil samples collected from depths of 0 to ≤ 2 ft bgs. Data used for this analysis are provided in Tables C-1 to C-3 for mercury, lead, and PCBs, respectively. We evaluated several different data treatment approaches (scenarios) for the area-averaging of the OU3 soil data for ecological evaluation. The average (or median) concentration of each COPC was calculated in each grid cell and that concentration was compared with ecological PRGs from the OU3 BERA.

These scenarios are summarized in the following table and described in more detail below. An individual figure was generated for each of the scenarios and COPCs identified with an “x” in the table.

¹ One of the on-site laboratories (TEG) was identified as having quality control issues and was replaced with another onsite laboratory (QAL) for the remainder of the upland removal action. The TEG data were excluded from the data evaluations presented in Appendix E of the OU3 BERA.

Scenario	TEG Data	DL Method	Statistic	Hg	Pb	Ar-1254	Ar-1260	Ar-1268	Total PCB*
1	Included	0.5X	Mean	x	x	x	x	x	x
2	Excluded	0.5X	Mean	x	x	x	x	x	x
3	Excluded	0.1X	Mean			x	x	x	x
4**	Excluded	0.5X (Hg) 0.1X (PCBs)	Mean	x		x	x	x	x
5**	Excluded	0.5X (Hg) 0.1X (PCBs)	Median	x		x	x	x	x

*A Total PCB result was calculated for each soil sample as the sum of all detected Aroclors in that sample. If no Aroclors were detected in a sample, one half of the detection limit for Aroclor-1268 was used as the Total PCB result for that sample.

**The following records were excluded for Scenarios 4 and 5: 96207-M76, 96289-CPS-06, 96303-CPS-14, 96303-CPS-15, LC-204-SLA, and LC-639-SLA.

As shown in this table, these data treatments focus on: (1) including or excluding data records from the TEG laboratory; (2) using two different methods for handling non-detect results for the PCBs; and (3) omitting certain data records in Scenarios 4 and 5 based on sample specific considerations. These considerations are discussed in more detail in the following bullets:

- 96207-M76 – This is a 3-point composite sample collected in 1996 from the 0-1 ft bgs interval at the northern sidewall of a removal area that abuts the southern boundary of the Cell Building soil cover (Figure C-2). This sample was analyzed by the QAL on-site lab and had a detection of Aroclor-1268 at 240 mg/kg, which was the only detected PCB. The detected mercury concentration was also high at this location, 142 mg/kg. It is appropriate to exclude this sample location from the area-averaging analysis given that it is a sidewall sample bordered to the south by clean backfill and to the north by the Cell Building soil cover.
- 96289-CPS-06 – This is a 3-point composite sample collected in 1996 from the 0-1 ft bgs interval at the northern sidewall of a removal area that abuts a warehouse building in Quadrant 4 (Figure C-2). This sample was analyzed by the QAL on-site lab and had a detection of Aroclor-1268 at 34 mg/kg, which was the only detected PCB. This sample is bordered to the south by clean backfill and to the north by the building.
- 96303-CPS-14 – This is a second 3-point composite sample collected in 1996 from the 0-0.5 ft bgs interval at the northern sidewall of a removal area that abuts the same warehouse building in Quadrant 4 (Figure C-2). This sample was analyzed by the QAL on-site lab and had a detection of Aroclor-1268 at 12 mg/kg, which was the only detected PCB. It also had a detection limit of 2.2 mg/kg for Aroclor-1254 and Aroclor-1260. This sample is bordered to the south by clean backfill and to the north by the building.
- 96303-CPS-15 – This is a third 3-point composite sample collected in 1996 from the 0-0.5 ft bgs interval at the northern sidewall of a removal area that abuts the same warehouse building in Quadrant 4 (Figure C-2). This sample was analyzed by the QAL on-site lab and had no PCB detections. However, it had a detection limit of 2.4 mg/kg for

all PCBs. This sample is bordered to the south by clean backfill and to the north by the building.

- LC-204-SLA – This is a 5-point composite sample collected in 1994 from the 0-1 ft bgs interval in an area to the west of the Cell Building soil cover in Quadrant 4 (Figure C-2). This sample was analyzed by the ESD lab, which reported Aroclor-1260 at 110 mg/kg. Aroclor-1268 was also detected at 12 mg/kg. The very high concentration of Aroclor-1260 in this sample is inconsistent with numerous discrete samples subsequently collected in the same area. Given the sample in question was a multi-point composite, it is possible one or more portions of the composite sample had been obtained from an area addressed during the subsequent removal action.
- LC-639-SLA – This is a 5-point composite sample collected in 1994 from the 0-1 ft bgs interval in an area to the southwest of the Cell Building soil cover in Quadrant 4 (Figure C-2). This sample was analyzed by the ESD lab, which reported Aroclor-1260 at 160 mg/kg and Aroclor-1254 at 6.9 mg/kg. The very high concentration of Aroclor-1260 in this sample is inconsistent with numerous discrete samples subsequently collected in the same area. Given the sample in question was a multi-point composite, it is possible one or more portions of the composite sample had been obtained from an area addressed during the subsequent removal action.

Results

Figures illustrating the effects of the five data treatment scenarios are provided. The effects of these data treatment scenarios are discussed for each of the COPCs in the following paragraphs.

- Figures C-3a through C-3d illustrate Scenarios 1, 2, 4, and 5 for mercury.
- Figures C-4a and C-4b illustrate Scenarios 1 and 2 for lead.
- Figures C-5a through C-5e illustrate Scenarios 1 through 5 for Aroclor-1254.
- Figures C-6a through C-6e illustrate Scenarios 1 through 5 for Aroclor-1260.
- Figures C-7a through C-7e illustrate Scenarios 1 through 5 for Aroclor-1268.
- Figures C-8a through C-8e illustrate Scenarios 1 through 5 for Total PCBs.

Mercury

Figures C-3a, C-3b, 3c, and C-3d illustrate the effects of the various data treatment scenarios for mercury. In these figures, the arithmetic average mercury concentration in each grid cell is compared with the lowest observed adverse effect level (“LOAEL”) PRG for the short-tailed shrew and the broad-winged hawk² (assuming 100% and 50% methyl mercury in prey tissue). The differences between Scenarios 1, 2, and 4 are relatively minor – the number of grid cells exceeding the 3 mg/kg PRG ranges from 31 to 35 grid cells. Under Scenario 5, which uses the median concentration in each grid cell, the number of grid cells in excess of 3 mg/kg drops to 25. Under all of these scenarios, a much smaller number of grid cells exceed 50 mg/kg, the LOAEL PRG for the broad-winged hawk (assuming 50% methyl mercury in prey).

² The one-acre grid size is overly conservative for the evaluation of the broad-winged hawk or other raptors, which have expansive home ranges.

As shown in these figures, most of the grids exceeding the PRG are located in the central portion of the site where low-quality habitat is present (numerous buildings and paved surfaces). Furthermore, many of these grid cells are partially characterized by clean backfill which was not accounted for in the area-averaging analysis and several are completely covered. A latter portion of this appendix presents an aerially-adjusted analysis to account for the presence of backfill in an area of Quadrant 4 where several contiguous grid cells exceeded the PRG.

Grid cells 27, 28, 36, and 37 in the southern portion of Quadrant 2 exceed ecological PRG under each of the scenarios. Grid cell 28 was the location of a hydrogen metering station where a focused removal action was performed in 1997 (Figure C-3e). Three of these grid cells are characterized by a single 5-point composite sample, with the composite sample result extrapolated across the entire 1-acre grid cell dimension.. Thus, there is uncertainty in the true condition of these cells.

Lead

In the comments on the OU3 RI report, EPA identified several locations where lead concentrations were above 400 mg/kg, which is the LOAEL PRG for mourning dove in the BERA. Figures C-4a and C-4b illustrate the arithmetic average lead concentration in each grid cell³ under Scenarios 1 and 2, respectively, compared with the PRG for the mourning dove. It was found that in the more conservative-based Scenarios 1 and 2, very few grid cells exceed the 400 mg/kg PRG (4 cells in Scenario 1; 5 cells in Scenario 2) and that these exceeding grid cells are not contiguous. Given the large size of the mourning dove's home range relative to these one-acre grid cells, these results indicate that "local populations" of mourning dove are not threatened by lead from the site.

Aroclor-1254

Figures C-5a through C-5e illustrate the effects of the various data treatment scenarios for Aroclor-1254. In these figures, the arithmetic average Aroclor-1254 concentration in each grid cell is compared with the PCB LOAEL PRG for the short-tailed shrew and long-tailed weasel.⁴ As shown in these figures, there are only a limited number of grid cells exceeding the 2 mg/kg PRG for the short-tailed shrew, and each successive data treatment scenario results in fewer grid cells (the number of exceeding grid cells is between 3 and 6). Under Scenario 5, the use of the median concentration in each grid cell which resulted in only 1 individual grid cell exceeding 2 mg/kg. When compared to the long-tailed weasel PRG (6 mg/kg), only 1 grid cell exceeded this value under Scenario 1.

³ The one-acre grid size is overly conservative for the evaluation of the morning dove, which typically have home ranges that span 5-8 kilometers from a nesting site.

⁴ The one-acre grid size is overly conservative for the evaluation of the long-tailed weasel, which can have a home range of 30-40 acres.

Aroclor-1260

Figures C-6a through C-6e illustrate the effects of the various data treatment scenarios for Aroclor-1260. In these figures, the arithmetic average Aroclor-1260 concentration in each grid cell is compared with the PCB LOAEL PRG for the short-tailed shrew and long-tailed weasel.⁵

The number of exceeding grid cells ranges from 3 cells under Scenario 1; 2 cells under scenario 2 and 3; and no cells under Scenarios 4 and 5. Data from samples analyzed by the TEG lab in grid cell 75 drive the PRG exceedence in that cell under Scenario 1. For grid cells 24 and 53, data from the 5-point composite samples LC-639-SLA and LC-204-SLA, described previously and shown in Figure C-6f, drive the PRG exceedences under Scenarios 1, 2, and 3. There are no PRG exceedences when these samples are excluded under Scenarios 4 and 5. As discussed previously, both of these 5-point composite samples were collected in areas where removal actions were subsequently implemented. Figure C-6f also shows that Aroclor-1260 was not detected in a large number of discrete samples collected in these areas. Thus, while there is some uncertainty regarding Aroclor-1260 PRG exceedences in these grid cells, it is likely that Scenarios 1, 2, and 3 do not accurately reflect current conditions.

Aroclor-1268

Figures C-7a through C-7e illustrate the effects of the various data treatment scenarios for Aroclor-1268. In these figures, the arithmetic average Aroclor-1268 concentration in each grid cell is compared with the PCB LOAEL PRG for the short-tailed shrew and long-tailed weasel.⁶ As shown in these figures, each successive data treatment scenario results in fewer grid cells that exceed the 2 mg/kg PRG for the short-tailed shrew. The number of exceeding grid cells ranges from 24 cells under Scenario 1, to 14 cells under Scenario 4. Figure C-7f illustrates the influence of elevated results associated with the TEG laboratory in grid cell 75 under Scenario 1. Note the majority of the elevated results samples are clustered along the northern boundary of this cell (highlighted by use of a hachure pattern polygon in Figure C-7f). Given that there were known quality issues with the TEG laboratory results, there is uncertainty regarding the true areal extent of the Aroclor-1268 concentrations exceeding the ecological PRG for the short-tailed shrew in this cell. The uncertainty regarding the concentration of PCBs in Grid Cell 75 will be addressed in the forthcoming Feasibility Study Report.

Very few cells exceed the 6 mg/kg PRG for the long-tailed weasel. Under Scenario 5, which uses the median concentration in each grid cell, 11 individual grid cells exceed 2 mg/kg while only 1 grid cell exceeds 6 mg/kg.

⁵ A mammalian toxicity reference value (“TRV”) for Aroclor-1254 was used as a surrogate to represent the toxicity of Aroclor-1260 in this exercise.

⁶ A mammalian TRV for Aroclor-1254 was used as a surrogate to represent the toxicity of Aroclor-1268 in the OU3 BERA. As detailed in the uncertainty section of the OU3 BERA, use of this TRV in the derivation of the Aroclor-1268 PRG, results in a RGO value that is more conservative (i.e., potentially more than 10-times lower) than necessary.

As shown in these figures, the grids exceeding the PCB PRGs from the BERA are generally located in the central portion of the Site similar to mercury where significant parts of the area are characterized by poor quality habitat and other parts by clean backfill. Therefore, the analysis of the Aroclor-1268 is carried a step further (see below) to consider the effects of the clean backfill.

Total PCBs

Figures C-8a through C-8e illustrate the effects of the various data treatment scenarios for Total PCBs. These figures illustrate that the number of individual grid cells exceeding the PRG is similar to Aroclor-1268. The analysis of the Total PCBs is also carried a step further (see below) to consider the effects of the clean backfill.

Quantifying the Effect of Clean Fill

An important aspect of the Site conditions that is not addressed in the scenarios described above is the fact that there are large areas of the Site where clean backfill soil exists. However, this condition is not represented in the database in terms of location-specific data records with corresponding clean test results. Therefore, these large areas of clean fill are not accounted for in the grid averaging scenarios presented above. The true effect of the clean backfill would be to drive down the ecological exposure condition from what is represented in the grid averaging exercise presented above.

A “focus area” in Quadrant 4 of the Site was chosen to adjust the grid averaging to account for the clean backfill (Figure C-9a). This area was selected because it is relatively free of hardscape features (i.e., buildings and pavement) and the PCB and mercury conditions were modeled to exceed the PRGs over a contiguous grouping of grid cells. In this area, ArcGIS tools were used to estimate the extent of the surface area in each grid cell that contains clean fill. For each of the individual grid cells, the concentrations of COPC in the clean areas was calculated by multiplying the fractional area of the grid cell containing clean soil by the adjusted detection limit for each COPC.⁷ For the remaining portions of each grid cell, the average concentration of each COPC calculated under Scenario 4 was multiplied by the fractional area of the grid cell not containing fill. The resulting concentrations in the areas of each grid cell were summed to yield a weighted concentration for each COPC. An example calculation is provided below for mercury in grid cell 42:

Calculated avg. Hg conc. in grid cell 42	5.5 mg/kg
Most common DL	0.5 mg/kg
Total area of grid cell	43,560 ft ² (1 acre)
Area of backfill	33,042 ft ²
Proportion of un-remediated soil	24.1 % [(43,560-33,042)/43,560]

^{C-7} For mercury, 0.5-times the most common detection limit in the non-TEG OU3 data set (0.5 mg/kg) was used. For Aroclor-1268, 0.1-times the most common detection limit in the non-TEG OU3 data set (2 mg/kg) was used. This value was also used to represent Total PCB.

Proportion of clean backfill 75.9 % [33,042/43,560]

Adjusted avg. Hg conc. = (5.5 mg/kg x 0.241) + (0.25 mg/kg x 0.759) = **1.5 mg/kg**

The table below provides the results of these calculations for the COPCs in the contiguous nine-cell area in Quadrant 4:

Grid Cell	Fill Area (ft ²)	% Clean Fill	Unadjusted Avg. Conc. (mg/kg)			Adjusted Avg. Conc. (mg/kg)		
			Mercury	Ar-1268	Total PCB	Mercury	Ar-1268	Total PCB
Quadrant 4								
52	42,061	96.6	4.4	0.32	0.32	0.4	0.98	0.98
53	31,878	73.2	0.23	3.2	3.5	0.25	1.6	1.7
54	16,328	37.5	7.8	6.2	8.9	5.0	4.3	5.9
41	14,195	32.6	7.0	0.93	0.93	4.8	0.95	0.95
42	33,042	75.9	5.5	1.2	1.2	1.5	1.0	1.0
43	23,211	53.3	8.3	4.5	5.7	4.0	2.7	3.2
31	31,115	71.3	7.2	1.2	1.2	2.2	1.1	1.1
32	24,331	55.8	5.5	4.1	4.1	2.6	2.4	2.4
33	15,273	35.1	8.5	0.75	0.75	5.6	0.84	0.84

It is evident that incorporating the clean backfill condition into the area-averaging analysis results in substantially lower area-averaged conditions for many of the grid cells, and less instances of grid cells exceeding an PRG (Figures C-9b through C-9d). This approach provides another layer of data interpretation to consider when evaluating the site data with respect to ecological-based PRGs.

Risk Management Considerations

When evaluating the OU3 soils data in the context of potential hazards to ecological receptors, it is important to recognize that the use of food web models in ecological risk assessment, including the ones that serve as the basis for the OU3 ecological PRGs, are laden with uncertainties inherent in both the estimates of exposure and the estimates of toxicity. The majority of these uncertainties are addressed through the use of intentionally conservative factors that ensure that risks are not underestimated. However, it is the PRPs belief that the cumulative effect of these conservative choices often results in grossly exaggerated estimates of potential harm to ecological receptors. Tannenbaum has noted that the results of such models often do not comport with visible evidence of ecological productivity at sites where these tools have been used (Tannenbaum, 2003, 2005). This certainly seems to be the case at the LCP Chemicals Site, where a wide variety of mammalian and avian terrestrial wildlife are frequently observed.

In addition, EPA guidance describes the importance of identifying ecological management goals for a site (USEPA, 1999). This is an acknowledgment that not all sites are equivalent in terms of

the protection offered to various levels of ecological organization. Given the industrial history of the LCP Chemicals Site and the expected continued industrial use, the community structure of lower trophic level organisms that serve as a prey base for the upper trophic level birds and mammals (i.e., small mammals, small birds, reptiles, and amphibians) is different than what would be found in a more natural setting. Species that are particularly sensitive to physical or chemical stressors have likely been replaced by more tolerant species in certain areas. For the LCP Chemicals Site, it is appropriate that the overarching management goals focus on the protection of upper trophic level terrestrial wildlife at the population/community level. If lower trophic level receptors are considered in risk management decisions, it seems more appropriate that they be in the context of the ecological function they provide as a food source to the higher trophic level receptors. Very few of the grid cells evaluated herein exceed PRGs applicable to higher trophic level species, and in those few instances the condition is not contiguous.

References

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- Tannenbaum LV. 2005. A critical assessment of the ecological risk assessment process: A review of misapplied concepts. *Integrated Environmental Assessment and Management*, 1(1): 66-72.
- U.S. Environmental Protection Agency (USEPA). 1999. *Ecological Risk Assessment and Risk Management Principles for Superfund Sites*. Office of Solid Waste and Emergency Response, OSWER Directive 9285.7-28 P, October.

Table C-1
OU3 Mercury Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
1	96095-13	4/4/1996	96095-13	Mercury	0	0.53	U	0	1	TEG
1	96095-03	4/4/1996	96095-03	Mercury	0	0.54	U	0	1	TEG
1	96095-11	4/4/1996	96095-11	Mercury	0	0.54	U	0	1	TEG
1	96095-07	4/4/1996	96095-07	Mercury	0	0.55	U	0	1	TEG
1	96095-09	4/4/1996	96095-09	Mercury	0	0.57	U	0	1	TEG
1	96095-05	4/4/1996	96095-05	Mercury	0.71	0.59		0	1	TEG
1	96163-SRA-10	6/11/1996	96163-SRA-10	Mercury	0	0.56	U	0	1.5	TEG
1	09130-SL4-0-2	5/10/2009	SL-4	Mercury	1.10	0.001		0	2	CAS
2	96059-05	2/28/1996	96059-05	Mercury	0	0.53	U	0	1	TEG
2	96059-01	2/28/1996	96059-01	Mercury	0.70	0.53		0	1	TEG
2	96059-03	2/28/1996	96059-03	Mercury	0	0.53	U	0	1	TEG
2	96059-07	2/28/1996	96059-07	Mercury	0	0.54	U	0	1	TEG
2	96255-08	9/11/1996	96255-08	Mercury	0.57	0.56		0	1	QAL
2	96255-06	9/11/1996	96255-06	Mercury	2.47	0.56		0	1	QAL
2	96255-18	9/11/1996	96255-18	Mercury	0	0.57	U	0	1	QAL
2	96255-16	9/11/1996	96255-16	Mercury	2.24	0.58		0	1	QAL
3	96093-07	4/2/1996	96093-07	Mercury	0.58	0.56		0	1	TEG
3	96099-03	4/8/1996	96099-03	Mercury	0	0.53	U	0	1	TEG
3	96099-05	4/8/1996	96099-05	Mercury	0	0.54	U	0	1	TEG
3	96150-OST-06	5/29/1996	96150-OST-06	Mercury	0	0.51	U	0	1.5	TEG
3	97140-03	5/20/1997	97140-03	Mercury	1.00	0.52	J%R	0	0.1	QAL
3	09130-SL27-0-2	5/10/2009	SL-27	Mercury	0.11	0.0002		0	2	CAS
6	96163-SRA-08	6/11/1996	96163-SRA-08	Mercury	0.80	0.53		0	1.5	TEG
6	96163-SRA-07	6/11/1996	96163-SRA-07	Mercury	0.81	0.55		0	2	TEG
6	98205-usc-02	7/24/1998	98205-USC-02	Mercury	1.05	0.50		0	0.1	QAL
6	98205-usc-04	7/24/1998	98205-USC-04	Mercury	2.42	0.50		0	0.1	QAL
6	98209-usc-07	7/28/1998	98209-USC-07	Mercury	0.65	0.54	J%R	0	0.1	QAL
6	98209-usc-06	7/28/1998	98209-USC-06	Mercury	1.01	0.54	J%R	0	0.1	QAL
7	LC-637-SLA	11/30/1994	LC-637	Mercury	0.86	0		0	1	ESD
7	96218-08	8/5/1996	96218-08	Mercury	0	0.55	U	0	1	QAL
7	96255-03	9/11/1996	96255-03	Mercury	0	0.53	U	0	1	QAL
7	96255-12	9/11/1996	96255-12	Mercury	0.82	0.58		0	1	QAL
7	97041-SRA-63	2/10/1997	97041-SRA-63	Mercury	3.86	0.56		0	2	QAL
7	97140-02	5/20/1997	97140-02	Mercury	3.68	0.53	J%R	0	0.1	QAL
7	98205-usc-01	7/24/1998	98205-USC-01	Mercury	0	0.50	U	0	0.1	QAL
7	98205-usc-05	7/24/1998	98205-USC-05	Mercury	0	0.50	U	0	0.1	QAL
7	98205-usc-03	7/24/1998	98205-USC-03	Mercury	0.54	0.50		0	0.1	QAL
8	96093-01	4/2/1996	96093-01	Mercury	0	0.55	U	0	1	TEG
8	96093-13	4/2/1996	96093-13	Mercury	0	0.55	U	0	1	TEG
8	96093-05	4/2/1996	96093-05	Mercury	0	0.56	U	0	1	TEG
8	96093-03	4/2/1996	96093-03	Mercury	0.75	0.56		0	1	TEG
8	96093-11	4/2/1996	96093-11	Mercury	0	0.57	U	0	1	TEG
8	96149-OST-03	5/28/1996	96149-OST-03	Mercury	0	0.51	U	0	1.5	TEG
8	96150-OST-05	5/29/1996	96150-OST-05	Mercury	0	0.50	U	0	1	TEG
8	96150-OST-04	5/29/1996	96150-OST-04	Mercury	0	0.51	U	0	1.5	TEG
8	96157-OST-09	6/5/1996	96157-OST-09	Mercury	0.59	0.52		0	1	TEG
8	950235-OST-19	8/23/1995	OST-19	Mercury	0	0.11	U	0	1	Pac
8	96254-09	9/10/1996	96254-09	Mercury	0	0.56	U	0	1	QAL
8	96254-05	9/10/1996	96254-05	Mercury	0.94	0.57		0	1	QAL
9	950235-OST-28	8/23/1995	OST-28	Mercury	0	0.60	U	0	1	TEG
9	950235-OST-25	8/23/1995	OST-25	Mercury	0	0.60	U	0	1	TEG
9	950235-OST-16	8/23/1995	OST-16	Mercury	0	0.60	U	0	1	TEG
9	LC-635-SLA	12/1/1994	LC-635	Mercury	0.64	0		0	1	ESD
9	94341-02	12/7/1994	94341-02	Mercury	0	0.05	U	0	1	Eco
9	94342-12	12/8/1994	94342-12	Mercury	0	0.05	U	0	1	Eco
9	97140-04	5/20/1997	97140-04	Mercury	0.90	0.52	J%R	0	0.1	QAL
9	08101-PB-2	4/10/2008	PB-2	Mercury	1.22	0.0005		0	0.5	CAS
9	08102-PB-2-C	4/11/2008	PB-2	Mercury	0.86	0.0005		0	0.5	CAS

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OU3 Mercury Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
10	94343-06	12/9/1994	94343-06	Mercury	0	0.06	U	0	1	Eco
10	94344-03	12/10/1994	94344-03	Mercury	0	0.05	U	0	1	Eco
10	94344-01	12/10/1994	94344-01	Mercury	0	0.06	U	0	1	Eco
10	94344-05	12/10/1994	94344-05	Mercury	0	0.06	U	0	1	Eco
10	08101-AC-1	4/10/2008	AC-1	Mercury	0.80	0.0005		0	0.5	CAS
10	08102-AC-1-C	4/11/2008	AC-1	Mercury	1.04	0.0005		0	0.5	CAS
13	96171-SRA-21	6/19/1996	96171-SRA-21	Mercury	0	0.60	U	0	1	QAL
13	96171-SRA-23	6/19/1996	96172-SRA-23	Mercury	0.90	0.62		0	1	QAL
13	96190-03	7/8/1996	96190-03	Mercury	1.29	0.52		0	0.1	QAL
13	96310-02	11/5/1996	96310-02	Mercury	0	0.54	U	0	0.5	QAL
13	96310-01	11/5/1996	96310-01	Mercury	0.50	0.55		0	0.5	QAL
13	97010-BM1-01	1/10/1997	97010-BM1-01	Mercury	1.17	0.56		0	1	QAL
13	98209-usc-11	7/28/1998	98209-USC-11	Mercury	0	0.55	U	0	0.1	QAL
14	96214-07	8/1/1996	96214-07	Mercury	3.46	0.52		0	1	QAL
14	96218-01	8/5/1996	96218-01	Mercury	1.96	0.53		0	1	QAL
14	97135-05	5/15/1997	97135-05	Mercury	2.48	0.52		0	0.1	QAL
14	97140-SRA-146	5/20/1997	97140-SRA-146	Mercury	0	0.51	U	0.5	1	QAL
14	97141-SRA-147	5/21/1997	97141-SRA-147	Mercury	0.90	0.52		0.5	1.5	QAL
14	97143-SRA-148	5/23/1997	97143-SRA-148	Mercury	1.67	0.51		0	0.1	QAL
14	97147-SRA-149	5/27/1997	97147-SRA-149	Mercury	0.42	1.30		0.5	1	Sav
14	98209-usc-09	7/28/1998	98209-USC-09	Mercury	0	0.54	U	0	0.1	QAL
14	98209-usc-10	7/28/1998	98209-USC-10	Mercury	0	0.55	U	0	0.1	QAL
14	99049-USC-14	2/18/1999	99049-usc-14	Mercury	2.60	1.40		0	0.2	KEM
14	09130-SL30-0-2	5/10/2009	SL-30	Mercury	0.99	0.001		0	2	CAS
15	950235-OST-13	8/23/1995	OST-13	Mercury	0	0.60	U	0	1	TEG
15	LC-638-SLA	11/30/1994	LC-638	Mercury	0	0.11	U	0	1	ESD
15	96218-06	8/5/1996	96218-06	Mercury	0.35	0.52		0	1	QAL
15	96218-03	8/5/1996	96218-03	Mercury	1.12	0.53		0	1	QAL
15	96234-06	8/21/1996	96234-06	Mercury	0	0.52	U	0	1	QAL
15	96234-09	8/21/1996	96234-09	Mercury	0.57	0.57		0	1	QAL
15	97013-01	1/13/1997	97013-01	Mercury	0	0.53	U	0.5	1	QAL
16	950038-11	2/8/1995	950038-11	Mercury	0	0.60	U	0	1	TEG
16	950039-13	2/8/1995	950039-13	Mercury	0	0.60	U	0	1	TEG
16	950039-12	2/8/1995	950039-12	Mercury	0	0.60	U	0	1	TEG
16	950039-09	2/8/1995	950039-09	Mercury	0	0.60	U	0	1	TEG
16	950234-OST-10	8/22/1995	OST-10	Mercury	0	0.60	U	0	1	TEG
16	950235-OST-37	8/23/1995	OST-37	Mercury	0	0.60	U	0	1	TEG
16	950235-OST-34	8/23/1995	OST-34	Mercury	0	0.60	U	0	1	TEG
16	LC-634-SLA	12/1/1994	LC-634	Mercury	3.10	0		0	1	ESD
16	94341-04	12/7/1994	94341-04	Mercury	0	0.06	U	0	1	Eco
16	94341-06	12/7/1994	94341-06	Mercury	0	0.06	U	0	1	Eco
16	950039-15	2/8/1995	950039-15	Mercury	0	0.29	U	0	1	Eco
16	950235-OST-31	8/23/1995	OST-31	Mercury	0	0.11	U	0	1	Pac
16	96255-23	9/11/1996	96255-23	Mercury	0	0.54	U	0	1	QAL
16	96255-21	9/11/1996	96255-21	Mercury	0	0.60	U	0	1	QAL
16	97140-05	5/20/1997	97140-05	Mercury	1.98	0.51	J%R	0	0.1	QAL
16	98279-BMA-13	10/6/1998	98279-BMA-13	Mercury	1.60	0.56	J%R	0	0.25	QAL
17	950038-09	2/7/1995	950038-09	Mercury	0	0.60	U	0	1	TEG
17	950039-07	2/8/1995	950039-07	Mercury	0	0.60	U	0	1	TEG
17	950039-01	2/8/1995	950039-01	Mercury	0	0.60	U	0	1	TEG
17	950039-03	2/8/1995	950039-03	Mercury	0	0.60	U	0	1	TEG
17	950039-05	2/8/1995	950039-05	Mercury	0	0.60	U	0	1	TEG
17	950333-65	11/29/1995	TP-B4	Mercury	0	0.55	U	0.8	0.8	TEG
17	950333-64	11/29/1995	TP-B4	Mercury	0	0.56	U	0.5	0.5	TEG
17	950334-69	11/30/1995	TP-B9	Mercury	0	0.53	U	0.8	0.8	TEG
17	950334-56	11/30/1995	TP-B6	Mercury	0	0.54	U	0.8	0.8	TEG
17	950334-51	11/30/1995	TP-B5	Mercury	0	0.54	U	0.5	0.5	TEG
17	950334-70	11/30/1995	TP-B9	Mercury	0	0.54	U	0.8	0.8	TEG

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GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
17	950334-55	11/30/1995	TP-B6	Mercury	0	0.54	U	0.5	0.5	TEG
17	950334-64	11/30/1995	TP-B8	Mercury	0	0.54	U	0.5	0.5	TEG
17	950334-52	11/30/1995	TP-B5	Mercury	0	0.55	U	0.8	0.8	TEG
17	950334-65	11/30/1995	TP-B8	Mercury	0.86	0.55		0.8	0.8	TEG
17	950334-60	11/30/1995	TP-B7	Mercury	0	0.65	U	0.5	0.5	TEG
17	94342-15	12/8/1994	94342-15	Mercury	0	0.06	U	0	1	Eco
17	94342-17	12/8/1994	94342-17	Mercury	0	0.06	U	0	1	Eco
17	94343-08	12/9/1994	94343-08	Mercury	0	0.05	U	0	1	Eco
17	94344-07	12/10/1994	94344-07	Mercury	0	0.05	U	0	1	Eco
17	98064-BMA-02	3/5/1998	98064-BMA-02	Mercury	0	0.57	U	0.5	1	QAL
17	98064-BMA-06	3/5/1998	98064-BMA-06	Mercury	0.83	0.58		0.5	1	QAL
17	98064-BMA-01	3/5/1998	98064-BMA-01	Mercury	1.12	0.58		0.5	1	QAL
17	98064-BMA-07	3/5/1998	98064-BMA-07	Mercury	0	0.59	U	0.5	1	QAL
17	98071-BMA-11	3/12/1998	98071-BMA-11	Mercury	0	0.63	U	0.5	1	QAL
17	98071-BMA-10	3/12/1998	98071-BMA-10	Mercury	1.09	0.67		0.5	1	QAL
17	98075-BMA-12	3/16/1998	98075-BMA-12	Mercury	9.57	0.56		0	0	QAL
18	94344-10	12/10/1994	94344-10	Mercury	0	0.05	U	0	1	Eco
18	94344-12	12/10/1994	94344-12	Mercury	0	0.05	U	0	1	Eco
21	94201-03	7/20/1994	94201-03	Mercury	1.69	0.06		0	1	Eco
21	94201-02	7/20/1994	94201-02	Mercury	6.64	0.12		0	1	Eco
21	96190-05	7/8/1996	96190-05	Mercury	3.99	0.53		0	0.1	QAL
21	96262-21	9/18/1996	96262-21	Mercury	0	0.54	U	0.5	0.5	QAL
21	96310-03	11/5/1996	96310-03	Mercury	0	0.54	U	0	0.5	QAL
21	09130-SL22-0-2	5/10/2009	SL-22	Mercury	1.36	0.001		0	2	CAS
23	96214-03	8/1/1996	96214-03	Mercury	0.46	0.52		0	1	QAL
23	96214-01	8/1/1996	96214-01	Mercury	1.58	0.53		0	1	QAL
23	96214-05	8/1/1996	96214-05	Mercury	1.21	0.54		0	1	QAL
23	97125-BM3-09	5/5/1997	97125-BM3-09	Mercury	11.9	0.51		0.5	0.5	QAL
23	97135-04	5/15/1997	97135-04	Mercury	2.26	0.52		0	0.1	QAL
23	09129-SL3-0-2	5/9/2009	SL-3	Mercury	1.25	0.0005		0	2	CAS
24	950234-OST-7	8/22/1995	OST-07	Mercury	0	0.60	U	0	1	TEG
24	950240-OST-43	8/28/1995	OST-43	Mercury	3.51	0.60		0	1	TEG
24	950240-OST-40	8/28/1995	OST-40	Mercury	6.41	0.60		0	1	TEG
24	LC-639-SLA	11/30/1994	LC-639	Mercury	82.0	0		0	1	ESD
24	94341-08	12/7/1994	94341-08	Mercury	0	0.06	U	0	1	Eco
24	96256-03	9/12/1996	96256-03	Mercury	0.73	0.56		0	1	QAL
24	96256-01	9/12/1996	96256-01	Mercury	0	0.59	U	0	1	QAL
24	97121-OST-19	5/1/1997	97121-OST-19	Mercury	0.98	0.54		0	1.5	QAL
24	97121-OST-18	5/1/1997	97121-OST-18	Mercury	3.81	0.57		0	1.5	QAL
24	97121-OST-21	5/1/1997	97121-OST-21	Mercury	4.12	0.57		0	1.5	QAL
24	97122-OST-26	5/2/1997	97122-OST-26	Mercury	3.41	0.57		0	1.5	QAL
25	950047-10	2/16/1995	950047-10	Mercury	0	0.60	U	0	1	TEG
25	950051-18	2/20/1995	950051-18	Mercury	0	0.60	U	0	1	TEG
25	950333-56	11/29/1995	TP-B2	Mercury	0.59	0.52		0.8	0.8	TEG
25	950333-60	11/29/1995	TP-B3	Mercury	0	0.53	U	0.5	0.5	TEG
25	950333-61	11/29/1995	TP-B3	Mercury	0	0.54	U	0.8	0.8	TEG
25	950333-52	11/29/1995	TP-B1	Mercury	0	0.56	U	0.8	0.8	TEG
25	950333-55	11/29/1995	TP-B2	Mercury	3.09	0.59		0.5	0.5	TEG
25	950333-51	11/29/1995	TP-B1	Mercury	0	0.71	U	0.5	0.5	TEG
25	94342-19	12/8/1994	94342-19	Mercury	7.04	0.31		0	1	Eco
25	94343-11	12/9/1994	94343-11	Mercury	0	0.06	U	0	1	Eco
25	96169-M50	6/17/1996	96169-M50	Mercury	0.70	0.54		0.5	1	QAL
25	98064-BMA-05	3/5/1998	98064-BMA-05	Mercury	4.08	0.57		0.5	1	QAL
25	98064-BMA-04	3/5/1998	98064-BMA-04	Mercury	2.84	0.59		0.5	1	QAL
25	98071-BMA-08	3/12/1998	98071-BMA-08	Mercury	4.54	0.62		0.5	1	QAL
25	98071-BMA-09	3/12/1998	98071-BMA-09	Mercury	0	0.84	U	0.5	1	QAL
26	950074-16	3/15/1995	950074-16	Mercury	0	0.60	U	0	1	TEG
26	96137-M18	5/16/1996	96137-M18	Mercury	0	0.54	U	0.5	1	TEG

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GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
26	96155-M32	6/3/1996	96155-M32	Mercury	0	0.53	U	0.5	1.5	TEG
26	94344-14	12/10/1994	94344-14	Mercury	0	0.05	U	0	1	Eco
26	08101-HG-2	4/10/2008	HG-2	Mercury	0.07	0.0005		0	0.5	CAS
26	08102-HG-2-C	4/11/2008	HG-2	Mercury	0.58	0.0005		0	0.5	CAS
27	LC-622-SLA	12/1/1994	LC-622	Mercury	13.0	0		0	1	ESD
28	97044-07	2/13/1997	97044-07	Mercury	17.5	0.54		0	1	QAL
28	97044-09	2/13/1997	97044-09	Mercury	3.67	0.55		0	1	QAL
28	97049-03	2/18/1997	97049-03	Mercury	5.30	0.55		0	1	QAL
31	96310-04	11/5/1996	96310-04	Mercury	0	0.55	U	0	0.5	QAL
31	97086-SRA-102	3/27/1997	97086-SRA-102	Mercury	18.3	0.58		0	2	QAL
31	97097-SRA-121	4/7/1997	97097-SRA-121	Mercury	3.03	0.55		0	1	QAL
32	96124-AA-05	5/3/1996	96124-AA-05	Mercury	0	0.58	U	0	1.5	TEG
32	96124-AA-04	5/3/1996	96124-AA-04	Mercury	0.78	0.58		0	2	TEG
32	96124-AA-07	5/3/1996	96124-AA-07	Mercury	17.0	0.60		0	1.5	TEG
32	96130-02	5/9/1996	96130-02	Mercury	3.09	0.51		0	0.5	TEG
32	97107-BM4-19	4/17/1997	97107-BM4-19	Mercury	6.54	0.57		0	1.5	QAL
32	97135-03	5/15/1997	97135-03	Mercury	4.52	0.52		0	0.1	QAL
33	950234-OST-1	8/22/1995	OST-01	Mercury	0	0.60	U	0	1	TEG
33	96101-14	4/10/1996	96101-14	Mercury	0.91	0.60		0	1	TEG
33	96107-06	4/16/1996	96107-06	Mercury	1.17	0.57		0	1	TEG
33	96107-04	4/16/1996	96107-04	Mercury	0	0.57	U	0	1	TEG
33	96123-03	5/2/1996	96123-03	Mercury	1.00	0.62		0	0.5	TEG
33	96123-05	5/2/1996	96123-05	Mercury	1.55	0.62		0	1	TEG
33	96123-04	5/2/1996	96123-04	Mercury	5.74	0.70		0	0.5	TEG
33	96124-AA-10	5/3/1996	96124-AA-10	Mercury	6.21	0.57		0	1	TEG
33	96124-AA-03	5/3/1996	96124-AA-03	Mercury	1.28	0.61		0	1.5	TEG
33	96124-AA-08	5/3/1996	96124-AA-08	Mercury	2.01	0.61		0	1.5	TEG
33	96129-AA-13	5/8/1996	96129-AA-13	Mercury	0	0.55	U	0	2	TEG
33	96129-AA-16	5/8/1996	96129-AA-16	Mercury	0.82	0.56		0	1.75	TEG
33	96130-01	5/9/1996	96130-01	Mercury	1.02	0.51		0	1	TEG
33	94208-10	7/27/1994	94208-10	Mercury	37.3	3.02		0	1	Eco
33	97122-OST-27	5/2/1997	97122-OST-27	Mercury	1.00	0.55		0	1.25	QAL
33	97122-OST-29	5/2/1997	97122-OST-29	Mercury	3.47	0.57		0	1.5	QAL
33	08101-AC-2	4/10/2008	AC-2	Mercury	0.61	0.0005		0	0.5	CAS
33	08102-AC-2-C	4/11/2008	AC-2	Mercury	0.27	0.0005		0	0.5	CAS
34	97170-M108	6/19/1997	97170-M108	Mercury	7.10	0.10		0	1.5	Sav
35	96128-M10	5/7/1996	96128-M10	Mercury	0.76	0.62		0.5	1.5	TEG
35	96135-M14	5/14/1996	96135-M14	Mercury	0	0.53	U	0.5	1.5	TEG
35	96141-M20	5/20/1996	96141-M20	Mercury	9.44	2.10		0.1	0.1	TEG
35	96142-M23	5/21/1996	96142-M23	Mercury	3.66	0.51		0.5	1	TEG
36	LC-621-SLA	12/1/1994	LC-621	Mercury	3.60	0		0	1	ESD
37	LC-620-SLA	12/1/1994	LC-620	Mercury	6.00	0		0	1	ESD
38	96331-RI-13	11/27/1996	96331-RI-13	Mercury	1.31	0.56		0	1	QAL
41	96115-SS-04	4/24/1996	96115-SS-04	Mercury	0.87	0.55		0	1	TEG
41	97104-02	4/14/1997	97104-02	Mercury	4.80	0.57		0	0.1	QAL
41	98156-MED-43	6/5/1998	98156-MED-43	Mercury	0	0.54	U	0	1	QAL
41	98156-MED-41	6/5/1998	98156-MED-40	Mercury	16.4	0.55		0	1	QAL
41	98156-MED-40	6/5/1998	98156-MED-40	Mercury	20.2	0.55		0	1	QAL
41	98156-MED-45	6/5/1998	98156-MED-45	Mercury	0	0.57	U	0	1	QAL
41	09130-SL9-0-2	5/10/2009	SL-9	Mercury	0.16	0.0002		0	2	CAS
42	94196-08	7/15/1994	94196-08	Mercury	16.9	3.02		0	1	Eco
42	97111-BM4-26	4/21/1997	97111-BM4-26	Mercury	3.10	0.56		0	2	QAL
42	97114-BM4-31	4/24/1997	97114-BM4-31	Mercury	2.02	0.58		0.1	0.1	QAL
42	99153-LRC-03	6/2/1999	99153-LRC-03	Mercury	0	0.25	U	0	0.2	Kem
43	96067-14	3/7/1996	96067-14	Mercury	1.42	0.57		0	1	TEG
43	96129-AA-14	5/8/1996	96129-AA-14	Mercury	0	0.57	U	0	1	TEG
43	96129-AA-15	5/8/1996	96129-AA-15	Mercury	13.6	3.17		0	1	TEG

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OU3 Mercury Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
43	94196-04	7/15/1994	94196-04	Mercury	9.54	0.12		0	1	Eco
43	94196-05	7/15/1994	94196-05	Mercury	13.0	3.02		0	1	Eco
43	97135-02	5/15/1997	97135-02	Mercury	2.36	0.53		0	0.1	QAL
44	950037-01	2/6/1995	950037-01	Mercury	0	0.60	U	0	1	TEG
44	96207-M76	7/25/1996	96207-M76	Mercury	142	0.63		0	1	QAL
44	96261-01	9/17/1996	96261-01	Mercury	0	0.58	U	0	1	QAL
45	96141-M22	5/20/1996	96141-M22	Mercury	14.0	2.20		0.1	0.1	TEG
46	950052-18	2/21/1995	950052-18	Mercury	1.81	0.60		0	1	TEG
46	09129-SL21-0-2	5/9/2009	SL-21	Mercury	1.15	0.0005		0	2	CAS
47	950052-21	2/21/1995	950052-21	Mercury	0	0.60	U	0	1	TEG
47	LC-619-SLA	11/30/1994	LC-619	Mercury	1.90	0		0	1	ESD
47	96346-RI-17	12/11/1996	96346-RI-17	Mercury	0.72	0.61		0	1	QAL
49	96331-RI-11	11/27/1996	96331-RI-11	Mercury	0.76	0.60		0	1	QAL
52	96022-01	1/22/1996	96022-01	Mercury	0	0.56	U	0	1.5	TEG
52	96057-SYD-32	2/26/1996	96057-SYD-32	Mercury	2.68	0.56		0	1	TEG
52	99153-LRC-04	6/2/1999	99153-LRC-04	Mercury	7.80	2.60		0	0.2	Kem
52	99159-USC-17	6/8/1999	99159-USC-17	Mercury	0.98	0.26		0	0.2	Kem
53	96099-01	4/8/1996	96099-01	Mercury	31.5	0.56		0	0	TEG
53	96101-SYD-76	4/10/1996	96101-SYD-76	Mercury	0	0.57	U	0.5	1	TEG
53	LC-204-SLA	10/17/1994	LC-204	Mercury	18.0	0		0	1	ESD
53	09129-SL13-0-2	5/9/2009	SL-13	Mercury	0.23	0.0002		0	2	CAS
54	950166-04	6/15/1995	950166-04	Mercury	10.5	0.68		0	1	Teg
54	97086-CTA-03	3/27/1997	97086-CTA-03	Mercury	7.78	0.60		0	2	QAL
55	96298-SRY-24	10/24/1996	96298-SRY-24	Mercury	2.68	0.59		0	2	QAL
57	950052-20	2/21/1995	950052-20	Mercury	1.57	0.60		0	1	TEG
57	950052-17	2/21/1995	950052-17	Mercury	4.47	0.60		0	1	TEG
57	97042-03	2/11/1997	97042-03	Mercury	9.30	0.57		0	1	QAL
57	97042-06	2/11/1997	97042-06	Mercury	6.20	0.59		0	1	QAL
59	950332-86	11/28/1995	TP-A9	Mercury	0	0.53	U	0.8	0.8	TEG
59	950332-69	11/28/1995	TP-A5	Mercury	0	0.55	U	0.5	0.5	TEG
59	950332-60	11/28/1995	TP-A3	Mercury	0	0.55	U	0.5	0.5	TEG
59	950332-85	11/28/1995	TP-A9	Mercury	0	0.56	U	0.5	0.5	TEG
59	950332-51	11/28/1995	TP-A1	Mercury	0	0.56	U	0.5	0.5	TEG
59	950332-74	11/28/1995	TP-A6	Mercury	0	0.56	U	0.8	0.8	TEG
59	950332-61	11/28/1995	TP-A3	Mercury	0	0.56	U	0.8	0.8	TEG
59	950332-77	11/28/1995	TP-A7	Mercury	0	0.56	U	0.5	0.5	TEG
59	950332-70	11/28/1995	TP-A5	Mercury	0	0.56	U	0.8	0.8	TEG
59	950332-56	11/28/1995	TP-A2	Mercury	0	0.56	U	0.8	0.8	TEG
59	950332-82	11/28/1995	TP-A8	Mercury	0	0.56	U	0.8	0.8	TEG
59	950332-81	11/28/1995	TP-A8	Mercury	0	0.57	U	0.5	0.5	TEG
59	950332-55	11/28/1995	TP-A2	Mercury	0	0.57	U	0.5	0.5	TEG
59	950332-73	11/28/1995	TP-A6	Mercury	0	0.57	U	0.5	0.5	TEG
59	950332-64	11/28/1995	TP-A4	Mercury	0	0.57	U	0.5	0.5	TEG
59	950332-78	11/28/1995	TP-A7	Mercury	0	0.58	U	0.8	0.8	TEG
59	LC-617-SLA	12/1/1994	LC-617	Mercury	0	0.12	U	0	1	ESD
60	LC-616-SLA	12/1/1994	LC-616	Mercury	3.30	0		0	1	ESD
63	96052-SYD-24	2/21/1996	96052-SYD-24	Mercury	0	0.56	U	0	1	TEG
63	96052-SYD-23	2/21/1996	96052-SYD-23	Mercury	0	0.57	U	0	1	TEG
63	99074-USC-15	3/15/1999	99074-usc-15	Mercury	0	0.26	U	0	0.02	Kem
63	99159-USC-18	6/8/1999	99159-USC-18	Mercury	0.68	0.26		0	0.2	Kem
64	96039-SYD-11	2/8/1996	96039-SYD-11	Mercury	0	0.58	U	0	2	TEG
64	96052-SYD-21	2/21/1996	96052-SYD-21	Mercury	5.31	0.57		0	1	TEG
64	96052-SYD-22	2/21/1996	96052-SYD-22	Mercury	4.67	0.59		0	2	TEG
64	96065-01	3/5/1996	96065-01	Mercury	9.05	0.55		0	0	TEG
64	96071-02	3/11/1996	96071-02	Mercury	5.17	11.2		0	0	TEG
64	96080-01	3/20/1996	96080-01	Mercury	15.6	0.56		0	0	TEG
64	96081-02	3/21/1996	96081-02	Mercury	12.6	0.58		0	0	TEG

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GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
64	96088-01	3/28/1996	96088-01	Mercury	10.0	0.57		0	0	TEG
64	96283-CPS-01	10/9/1996	96283-CPS-01	Mercury	9.97	0.64		0.5	1	QAL
64	96290-CPS-07	10/16/1996	96290-CPS-07	Mercury	9.01	0.59		0.5	1	QAL
64	96290-CPS-08	10/16/1996	96290-CPS-08	Mercury	9.48	0.60		0	0.75	QAL
65	96037-SYD-04	2/6/1996	96037-SYD-04	Mercury	0	0.51	U	0	1.5	TEG
65	96038-SYD-10	2/7/1996	96038-SYD-10	Mercury	0	0.60	U	0.5	1.5	TEG
65	96284-CPS-02	10/10/1996	96284-CPS-02	Mercury	13.5	0.59		0.5	1	QAL
65	96289-CPS-06	10/15/1996	96289-CPS-06	Mercury	85.0	0.58		0	0.5	QAL
65	96303-CPS-14	10/29/1996	96303-CPS-14	Mercury	12.5	0.55		0	1.25	QAL
65	96303-CPS-15	10/29/1996	96303-CPS-15	Mercury	3.65	0.60		0	1	QAL
66	96261-CSA-01	9/17/1996	96261-CSA-01	Mercury	4.28	0.60		0.5	0.5	QAL
66	96262-CSA-02	9/18/1996	96262-CSA-02	Mercury	14.6	0.60		0.5	0.75	QAL
66	96270-sry-09	9/26/1996	96270-SRY-09	Mercury	19.6	0.59		0	1.5	QAL
68	97042-01	2/11/1997	97042-01	Mercury	11.8	0.56		0	1	QAL
69	LC-618-SLA	11/30/1994	LC-618	Mercury	0.54	0		0	1	ESD
69	96330-RI-07	11/25/1996	96330-RI-07	Mercury	0.31	0.55		0	1	QAL
70	LC-615-SLA	11/30/1994	LC-615	Mercury	1.60	0		0	1	ESD
74	950088-04	3/29/1995	950088-04	Mercury	0	0.60	U	0	1	TEG
74	950089-10	3/30/1995	950089-10	Mercury	0.73	0.60		0	1	TEG
74	99159-LRC-05	6/8/1999	99159-LRC-05	Mercury	0.27	0.26		0	0.2	Kem
75	950079-07	3/20/1995	950079-07	Mercury	1.69	0.60		0	1	TEG
75	950079-05	3/20/1995	950079-05	Mercury	3.02	0.60		0	1	TEG
75	950080-05	3/21/1995	950080-05	Mercury	10.7	0.60		0	1	TEG
75	950081-10	3/23/1995	950081-10	Mercury	0	0.60	U	0	1	TEG
75	950081-13	3/23/1995	950081-13	Mercury	0	0.60	U	0	1	TEG
75	950081-03	3/23/1995	950081-03	Mercury	0	0.60	U	0	1	TEG
75	950081-07	3/23/1995	950081-07	Mercury	0	0.60	U	0	1	TEG
75	950081-09	3/23/1995	950081-09	Mercury	0	0.60	U	0	1	TEG
75	950086-01	3/27/1995	950086-01	Mercury	1.09	0.60		0	1	TEG
75	950086-03	3/27/1995	950086-03	Mercury	1.81	0.60		0	1	TEG
75	950086-10	3/27/1995	950086-10	Mercury	9.66	0.60		0	1	TEG
75	950086-07	3/27/1995	950086-07	Mercury	9.66	0.60		0	1	TEG
75	950086-12	3/27/1995	950086-12	Mercury	29.0	0.60		0	1	TEG
75	950159-01	6/8/1995	950159-01	Mercury	73.8	0.60		0	1	Teg
75	96044-01	2/13/1996	96044-01	Mercury	0	0.57	U	0	0	TEG
75	96044-SYD-14	2/13/1996	96044-SYD-14	Mercury	0	0.61	U	0	1.5	TEG
75	96085-SYD-59	3/25/1996	96085-SYD-59	Mercury	1.37	0.54		0	1	TEG
75	96123-SYD-94	5/2/1996	96123-SYD-94	Mercury	1.17	0.57		0	2	TEG
75	96123-SYD-90	5/2/1996	96123-SYD-90	Mercury	2.87	0.58		0	2	TEG
75	96123-SYD-92	5/2/1996	96123-SYD-92	Mercury	14.4	0.58		0	2	TEG
75	96260-19	9/16/1996	96260-19	Mercury	3.26	0.57		0	1	QAL
75	99074-USC-16	3/15/1999	99074-usc-16	Mercury	0	0.27	U	0	0.02	Kem
75	09129-SL24-0-2	5/9/2009	SL-24	Mercury	0.08	0.0002		0	2	CAS
77	94208-06	7/27/1994	94208-06	Mercury	12.1	0.30		0	1	Eco
77	GPT-02-1	3/23/1995	GPT-02	Mercury	1.20	0		0	2	Sav
77	GPT-00-1	3/23/1995	GPT-00	Mercury	3.20	0		0	2	Sav
77	GPT-01-1	3/23/1995	GPT-01	Mercury	9.20	0		0	2	Sav
77	96247-16	9/3/1996	96247-16	Mercury	1.69	0.54		0	1	QAL
77	96317-SRY-40	11/12/1996	96317-SRY-40	Mercury	9.17	0.57		0	1.25	QAL
78	97034-05	2/3/1997	97034-05	Mercury	9.92	0.58		0	1	QAL
78	97034-03	2/3/1997	97034-03	Mercury	10.4	0.60		0	1	QAL
79	97034-01	2/3/1997	97034-01	Mercury	3.82	0.59		0	1	QAL
79	97036-01	2/5/1997	97036-01	Mercury	17.2	0.59		0	1	QAL
80	08101-PB-1	4/10/2008	PB-1	Mercury	0.26	0.0005		0	0.5	CAS
80	08102-PB-1-C	4/11/2008	PB-1	Mercury	0.76	0.0005		0	0.5	CAS
85	950089-01	3/30/1995	950089-01	Mercury	0	0.60	U	0	1	TEG
85	950093-01	4/3/1995	950093-01	Mercury	4.81	0.60		0	1	TEG

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OU3 Mercury Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
85	96081-SYD-57	3/21/1996	96081-SYD-57	Mercury	1.59	0.53		0	1	TEG
85	96115-04	4/25/1996	96115-04	Mercury	1.74	0.55		0	1.5	TEG
86	96081-SYD-56	3/21/1996	96081-SYD-56	Mercury	0.69	0.56		0	1	TEG
86	950228-SA1	8/17/1995	950228-SA1	Mercury	0.85	0.11		0	1	Pac
86	950228-SA1-1	8/17/1995	950228-SA1-1	Mercury	0.14	0.12		0	1	Pac
86	950241-SA3	8/29/1995	950241-SA3	Mercury	1.32	0.12		0	1	Pac
86	950242-SA6	8/30/1995	950242-SA6	Mercury	2.39	0.11		0	1	Pac
86	96232-13	8/19/1996	96232-13	Mercury	3.58	0.54		0	0.1	QAL
86	96233-03	8/20/1996	96233-03	Mercury	0	0.53	U	0	1	QAL
86	96233-05	8/20/1996	96233-05	Mercury	0	0.55	U	0	1	QAL
86	96262-NWF-10	9/18/1996	96262-NWF-10	Mercury	0	0.54	U	0	0.5	QAL
86	96262-NWF-13	9/18/1996	96262-NWF-13	Mercury	0	0.58	U	0.5	0.75	QAL
86	96262-NWF-15	9/18/1996	96262-NWF-15	Mercury	5.61	0.63		0.5	0.75	QAL
86	09129-SL16-0-1.5	5/9/2009	SL-16	Mercury	0.52	0.0002		0	1.5	CAS
87	96254-NWF-02	9/10/1996	96254-NWF-02	Mercury	2.79	0.55		0.5	1	QAL
87	96254-NWF-01	9/10/1996	96254-NWF-01	Mercury	0	0.58	U	0.5	1.3	QAL
87	96255-NWF-03	9/11/1996	96255-NWF-03	Mercury	0	0.59	U	0.5	0.75	QAL
87	96256-NWF-04	9/12/1996	96256-NWF-04	Mercury	0.63	0.56		0.5	0.75	QAL
87	96256-NWF-05	9/12/1996	96256-NWF-05	Mercury	0	0.57	U	0.5	0.75	QAL
87	96260-NWF-07	9/16/1996	96260-NWF-07	Mercury	0	0.56	U	0.5	0.75	QAL
87	96260-NWF-06	9/16/1996	96260-NWF-06	Mercury	0.51	0.63		0.5	0.75	QAL
87	96262-NWF-11	9/18/1996	96262-NWF-11	Mercury	2.09	0.55		0	1	QAL
87	96262-NWF-09	9/18/1996	96262-NWF-09	Mercury	0	0.56	U	0.5	1	QAL
87	96263-NWF-18	9/19/1996	96263-NWF-18	Mercury	0	0.52	U	0	0.5	QAL
87	96263-NWF-16	9/19/1996	96263-NWF-16	Mercury	0	0.58	U	0.5	0.75	QAL
88	94208-05	7/27/1994	94208-05	Mercury	17.4	0.30		0	1	Eco
88	GPT-20-1	3/23/1995	GPT-20	Mercury	0.36	0		0	2	Sav
88	GPT-22-1	3/23/1995	GPT-22	Mercury	0.42	0		0	2	Sav
88	GPT-21-1	3/23/1995	GPT-21	Mercury	0.69	0		0	2	Sav
88	GPT-10-1	3/23/1995	GPT-10	Mercury	2.90	0		0	2	Sav
88	GPT-12-1	3/23/1995	GPT-12	Mercury	3.30	0		0	2	Sav
88	GPT-11-1	3/23/1995	GPT-11	Mercury	0	0.01	U	0	2	Sav
88	96268-03	9/24/1996	96268-03	Mercury	0.90	0.55		0	1	QAL
88	96268-09	9/24/1996	96268-09	Mercury	1.74	0.55		0	1	QAL
88	96268-05	9/24/1996	96268-05	Mercury	3.84	0.56		0	1	QAL
88	96268-07	9/24/1996	96268-07	Mercury	0.90	0.57		0	1	QAL
88	09129-SL26-0-2	5/9/2009	SL-26	Mercury	0.04	0.0002		0	2	CAS
89	96235-11	8/22/1996	96235-11	Mercury	3.15	0.57		0	1	QAL
89	96235-09	8/22/1996	96235-09	Mercury	14.1	0.57		0	1	QAL
89	96235-07	8/22/1996	96235-07	Mercury	5.74	0.58		0	1	QAL
89	96247-11	9/3/1996	96247-11	Mercury	5.99	0.54		0	1	QAL
89	96247-14	9/3/1996	96247-14	Mercury	9.36	0.54		0	1	QAL
89	97034-07	2/3/1997	97034-07	Mercury	2.86	0.57		0	1	QAL
89	97071-02	3/12/1997	97071-02	Mercury	9.11	0.52		0	0.1	QAL
89	97071-03	3/12/1997	97071-03	Mercury	9.98	0.53		0	0.1	QAL
89	08101-HG-3	4/10/2008	HG-3	Mercury	0.89	0.0005		0	0.5	CAS
89	08101-AC-3	4/10/2008	AC-3	Mercury	12.3	0.005		0	0.5	CAS
89	08102-HG-3-C	4/11/2008	HG-3	Mercury	3.01	0.005		0	0.5	CAS
89	08102-AC-3-C	4/11/2008	AC-3	Mercury	9.63	0.005		0	0.5	CAS
90	96318-SBC-03	11/13/1996	96318-SBC-03	Mercury	1.89	0.56		0	2	QAL
90	97028-10	1/28/1997	97028-10	Mercury	0.56	0.59		0	1.8	QAL
90	97028-08	1/28/1997	97028-08	Mercury	1.44	0.59		0	1.7	QAL
90	97036-03	2/5/1997	97036-03	Mercury	19.4	0.56		0	1	QAL
90	97071-04	3/12/1997	97071-04	Mercury	15.4	0.54		0	0.1	QAL
91	LC-613-SLA	11/30/1994	LC-613	Mercury	2.40	0		0	1	ESD
92	97043-RBT-01	2/12/1997	97043-RBT-01	Mercury	1.97	0.55		0.7	2	QAL
93	LC-207-SLA	10/14/1994	LC-207	Mercury	9.30	0		0	1	ESD

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GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
93	LC-213-SLA	10/15/1994	LC-213	Mercury	0.45	0		0	1	ESD
94	LC-208-SLA	10/14/1994	LC-208	Mercury	1.40	0		0	1	ESD
94	LC-209-SLA	10/15/1994	LC-209	Mercury	38.0	0		0	1	ESD
96	950242-SA9	8/30/1995	950242-SA9	Mercury	1.77	0.11		0	1	Pac
96	950242-SA5	8/30/1995	950242-SA5	Mercury	2.02	0.11		0	1	Pac
96	950242-SA8	8/30/1995	950242-SA8	Mercury	2.76	0.11		0	1	Pac
97	950254-HA18-1	9/11/1995	HA-18	Mercury	0	0.60	U	0	1	TEG
97	950254-HA15-1	9/11/1995	HA-15	Mercury	0	0.60	U	0	1	TEG
97	950254-HA16-1	9/11/1995	HA-16	Mercury	0	0.60	U	0	1	TEG
97	950254-HA17-1	9/11/1995	HA-17	Mercury	0	0.60	U	0	1	TEG
97	AC7-0	1/10/1995	AC7	Mercury	0.10	0		0	2	Col
97	96207-04	7/25/1996	96207-04	Mercury	0	0.60	U	0	1	QAL
97	96207-09	7/25/1996	96207-09	Mercury	0.37	0.60		0	1	QAL
97	96207-01	7/25/1996	96207-01	Mercury	8.91	0.61		0	1	QAL
97	96207-06	7/25/1996	96207-06	Mercury	12.6	0.64		0	1	QAL
97	96207-10	7/25/1996	96207-10	Mercury	0.53	0.69		0	1	QAL
97	96207-07	7/25/1996	96207-07	Mercury	0.35	0.79		0	1	QAL
97	96239-14	8/26/1996	96239-14	Mercury	0.67	0.53		0	1	QAL
97	96239-15	8/26/1996	96239-15	Mercury	0	0.54	U	0	1	QAL
97	96239-07	8/26/1996	96239-07	Mercury	0.51	0.54		0	1	QAL
97	96247-NRA-101	9/3/1996	96247-NRA-101	Mercury	0	0.54	U	0	1	QAL
97	96247-NRA-102	9/3/1996	96247-NRA-102	Mercury	0.92	0.54		0	1	QAL
97	96248-10	9/4/1996	96248-10	Mercury	0.80	0.56		0	1	QAL
97	96290-03	10/16/1996	96290-03	Mercury	5.00	0.58		0	1	QAL
97	96291-09	10/17/1996	96291-09	Mercury	4.58	0.63		0	0	QAL
97	96303-NWF-29	10/29/1996	96303-NWF-29	Mercury	4.04	0.53		0	1.25	QAL
98	GPT-41-1	3/23/1995	GPT-41	Mercury	0.19	0		0	2	Sav
98	GPT-31-1	3/23/1995	GPT-31	Mercury	0.49	0		0	2	Sav
98	GPT-42-1	3/23/1995	GPT-42	Mercury	1.20	0		0	2	Sav
98	GPT-32-1	3/23/1995	GPT-32	Mercury	3.90	0		0	2	Sav
98	96227-03	8/14/1996	96227-03	Mercury	4.27	0.54		0	1	QAL
98	96227-01	8/14/1996	96227-01	Mercury	1.72	0.55		0	1	QAL
98	96239-01	8/26/1996	96239-01	Mercury	0.74	0.52		0	1	QAL
98	96239-04	8/26/1996	96239-04	Mercury	0.66	0.53		0	1	QAL
98	96239-09	8/26/1996	96239-09	Mercury	11.0	0.53		0	1	QAL
98	96285-NREA-02	10/11/1996	96285-NREA-02	Mercury	0	0.58	U	0.75	1.5	QAL
99	96256-05	9/12/1996	96256-05	Mercury	0	0.59	U	0	1	QAL
99	96256-07	9/12/1996	96256-07	Mercury	0.84	0.59		0	1	QAL
99	96269-bcf-03	9/25/1996	96269-BCF-03	Mercury	2.04	0.58		0	2	QAL
99	96277-06	10/3/1996	96277-06	Mercury	3.97	0.58		0	1	QAL
99	96277-09	10/3/1996	96277-09	Mercury	18.1	0.60		0	1	QAL
99	96290-04	10/16/1996	96290-04	Mercury	1.02	0.58		0	1	QAL
99	96312-07	11/7/1996	96312-07	Mercury	20.8	0.55		0	1	QAL
99	97069-NCA-07	3/10/1997	97069-NCA-07	Mercury	1.54	0.54		0	1.5	QAL
99	97071-NCA-16	3/12/1997	97071-NCA-16	Mercury	3.81	0.53		0	1.7	QAL
99	97072-NCA-22	3/13/1997	97072-NCA-22	Mercury	1.63	0.53		0	1	QAL
99	97076-NCA-26	3/17/1997	97076-NCA-26	Mercury	2.14	0.53	J%R	0	1	QAL
99	09129-SL12-0-2	5/9/2009	SL-12	Mercury	0.02	0.0002		0	2	CAS
100	96262-12	9/18/1996	96262-12	Mercury	1.35	0.56		0	1	QAL
100	96262-14	9/18/1996	96262-14	Mercury	1.72	0.57		0	1	QAL
100	96262-01	9/18/1996	96262-01	Mercury	1.29	0.58		0	1	QAL
100	96277-29	10/3/1996	96277-29	Mercury	0.91	0.57		0	1	QAL
100	96277-28	10/3/1996	96277-28	Mercury	13.0	0.71		0	1	QAL
100	96284-09	10/10/1996	96284-09	Mercury	10.0	0.79		0	1	QAL
100	96327-02	11/22/1996	96327-02	Mercury	2.55	0.57		0	1	QAL
100	96327-01	11/22/1996	96327-01	Mercury	2.16	0.58		0	1	QAL
100	97076-01	3/17/1997	97076-01	Mercury	14.6	0.56		0.3	0.5	QAL
100	97128-01	5/8/1997	97128-01	Mercury	4.32	0.54		0	0.1	QAL

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GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
100	08101-PB-3	4/10/2008	PB-3	Mercury	0.21	0.0005		0	0.5	CAS
100	08102-PB-3-C-R1	4/11/2008	PB-3	Mercury	2.13	0.005		0	0.5	CAS
100	08102-PB-3-C-R2	4/11/2008	PB-3	Mercury	9.14	0.005		0	0.5	CAS
101	LC-614-SLA	11/30/1994	LC-614	Mercury	1.10	0		0	1	ESD
102	LC-612-SLA	11/30/1994	LC-612	Mercury	0.85	0		0	1	ESD
102	96325-RI-03	11/20/1996	96325-RI-03	Mercury	0	0.57	U	0	1	QAL
103	LC-214-SLA	10/15/1994	LC-214	Mercury	2.90	0		0	1	ESD
104	LC-210-SLA	10/15/1994	LC-210	Mercury	32.0	0		0	1	ESD
104	LC-211-SLA	10/19/1994	LC-211	Mercury	2.20	0		0	1	ESD
105	96141-NRA-06	5/20/1996	96141-NRA-06	Mercury	0	0.55	U	0	1.5	TEG
105	96165-NRA-32	6/13/1996	96165-NRA-32	Mercury	0	0.55	U	0	1.5	TEG
106	97049-10	2/18/1997	97049-10	Mercury	0	0.56	U	0.1	0.1	QAL
107	96213-14	7/31/1996	96213-14	Mercury	3.20	0.58		0	0.1	QAL
107	96262-10	9/18/1996	96262-10	Mercury	1.58	0.54		0	1	QAL
107	96263-02	9/19/1996	96263-02	Mercury	20.8	0.57		0	1	QAL
107	96263-04	9/19/1996	96263-04	Mercury	0.64	0.58		0	1	QAL
107	96277-16	10/3/1996	96277-16	Mercury	12.4	0.58		0	1	QAL
107	96284-08	10/10/1996	96284-08	Mercury	10.0	0.61		0	1	QAL
107	96304-05	10/30/1996	96304-05	Mercury	2.66	0.54	J%R	0	1	QAL
107	96304-06	10/30/1996	96304-06	Mercury	2.63	0.55		0	1	QAL
107	96304-01	10/30/1996	96304-01	Mercury	10.4	0.57		0	1	QAL
107	97058-08	2/27/1997	97058-08	Mercury	0	0.56	U	0	0.1	QAL
107	97071-NCA-19	3/12/1997	97071-NCA-19	Mercury	15.4	0.52		0	1	QAL
107	97072-02	3/13/1997	97072-02	Mercury	3.96	0.53		0	0.25	QAL
107	97072-01	3/13/1997	97072-01	Mercury	6.27	0.57		0	0.25	QAL
107	97076-NCA-25	3/17/1997	97076-NCA-25	Mercury	6.90	0.55		0.5	1	QAL
108	96213-16	7/31/1996	96213-16	Mercury	2.78	0.52		0	0.1	QAL
108	96260-15	9/16/1996	96260-15	Mercury	0	0.55	U	0	1	QAL
108	96261-15	9/17/1996	96261-15	Mercury	0	0.53	U	0	1	QAL
108	96261-18	9/17/1996	96261-18	Mercury	0	0.56	U	0	1	QAL
108	96261-20	9/17/1996	96261-20	Mercury	0.89	0.56		0	1	QAL
108	96263-01	9/19/1996	96263-01	Mercury	6.67	0.58		0	0.5	QAL
108	96277-26	10/3/1996	96277-26	Mercury	3.16	0.64		0	1	QAL
108	96277-27	10/3/1996	96277-27	Mercury	6.07	0.69		0	1	QAL
108	96284-01	10/10/1996	96284-01	Mercury	1.43	0.63		0	1	QAL
108	96284-03	10/10/1996	96284-03	Mercury	1.31	0.69		0	0.5	QAL
108	96304-07	10/30/1996	96304-07	Mercury	2.37	0.59		0	1	QAL
108	96327-07	11/22/1996	96327-07	Mercury	0.67	0.53		0	1	QAL
108	96327-04	11/22/1996	96327-04	Mercury	0	0.56	U	0	1	QAL
108	96327-03	11/22/1996	96327-03	Mercury	2.14	0.56		0	1	QAL
108	96327-08	11/22/1996	96327-08	Mercury	0.77	0.57		0	1	QAL
108	96327-06	11/22/1996	96327-06	Mercury	2.03	0.57		0	0.5	QAL
108	97128-02	5/8/1997	97128-02	Mercury	1.76	0.52		0	0.1	QAL
109	LC-611-SLA	11/30/1994	LC-611	Mercury	0.24	0		0	1	ESD
110	LC-216-SLA	10/17/1994	LC-216	Mercury	1.20	0		0	1	ESD
110	96325-RI-05	11/20/1996	96325-RI-05	Mercury	0	0.53	U	0	1	QAL
111	LC-609-SLA	11/30/1994	LC-609	Mercury	0	0.48	U	0	1	ESD
111	96325-RI-01	11/20/1996	96325-RI-01	Mercury	0	0.54	U	0	1	QAL
112	LC-212-SLA	10/19/1994	LC-212	Mercury	1.20	0		0	1	ESD
113	950262-HA24-1	9/19/1995	HA-24	Mercury	0	0.60	U	0	1	TEG
113	96165-NRA-29	6/13/1996	96165-NRA-29	Mercury	0	0.58	U	0	1.5	TEG
114	950243-HA6-1	8/31/1995	HA-06	Mercury	0	0.60	U	0	1	TEG
114	950243-HA7-1	8/31/1995	HA-07	Mercury	0	0.60	U	0	1	TEG
114	950250-HA10-1	9/7/1995	HA-10	Mercury	0	0.60	U	0	1	TEG
114	LC-201-SLA	10/17/1994	LC-201	Mercury	0	0.05	U	0	1	ESD
114	97020-NREA-30	1/20/1997	97020-NREA-30	Mercury	0	0.59	U	0	2	QAL
114	97021-NREA-35	1/21/1997	97021-NREA-35	Mercury	0	0.56	U	0.5	0.5	QAL

Table C-1
OU3 Mercury Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
114	97021-NREA-36	1/21/1997	97021-NREA-36	Mercury	0	0.58	U	0.5	0.5	QAL
114	97058-09	2/27/1997	97058-09	Mercury	0	0.56	U	0	0.1	QAL
114	97066-01	3/7/1997	97066-01	Mercury	5.18	0.54		0	0.1	QAL
114	97066-03	3/7/1997	97066-03	Mercury	0.62	0.57		0	0.1	QAL
114	97066-02	3/7/1997	97066-02	Mercury	2.13	0.63		0	0.1	QAL
116	96213-15	7/31/1996	96213-15	Mercury	10.3	0.52		0	0.1	QAL
116	96260-09	9/16/1996	96260-09	Mercury	0	0.52	U	0	1	QAL
116	96260-05	9/16/1996	96260-05	Mercury	0	0.54	U	0	1	QAL
116	96260-07	9/16/1996	96260-07	Mercury	0	0.56	U	0	1	QAL
116	96260-11	9/16/1996	96260-11	Mercury	0.76	0.56		0	1	QAL
116	96260-13	9/16/1996	96260-13	Mercury	0	0.57	U	0	1	QAL
116	96277-24	10/3/1996	96277-24	Mercury	0	0.56	U	0	1	QAL
116	96319-NCA-05	11/14/1996	96319-NCA-05	Mercury	0	0.55	U	0	1.5	QAL
116	96319-NCA-04	11/14/1996	96319-NCA-04	Mercury	0.71	0.62		0	1.5	QAL
116	96327-11	11/22/1996	96327-11	Mercury	1.18	0.55		0	1	QAL
116	96327-09	11/22/1996	96327-09	Mercury	0	0.57	U	0	1	QAL
116	96327-10	11/22/1996	96327-10	Mercury	0	0.57	U	0	1	QAL
116	97128-04	5/8/1997	97128-04	Mercury	0.80	0.50		0	0.1	QAL
116	97128-03	5/8/1997	97128-03	Mercury	0.96	0.60		0	0.1	QAL
117	LC-610-SLA	11/30/1994	LC-610	Mercury	0	0.11	U	0	1	ESD
119	LC-608-SLA	11/30/1994	LC-608	Mercury	1.80	0		0	1	ESD
119	08101-HG-1	4/10/2008	HG-1	Mercury	0.11	0.0005		0	0.5	CAS
119	08102-HG-1-C	4/11/2008	HG-1	Mercury	0.37	0.0005		0	0.5	CAS
119	09128-SL-8-0-2	5/8/2009	SL-8	Mercury	0.30	0.0006		0	2	CAS
122	950262-HA25-1	9/19/1995	HA-25	Mercury	1.86	0.60		0	1	TEG
123	950262-HA26-1	9/19/1995	HA-26	Mercury	0.86	0.60		0	1	TEG
123	642-SLA	11/29/1994	LC-642	Mercury	0	0.04	U	0	0	Col
123	96285-NRA-113	10/11/1996	96285-NRA-113	Mercury	0	0.57	U	0.5	1	QAL
124	96298-01	10/24/1996	96298-01	Mercury	0.73	0.55		0	1	QAL
124	96312-10	11/7/1996	96312-10	Mercury	0	0.57	U	0	1	QAL
124	96312-12	11/7/1996	96312-12	Mercury	0.82	0.60		0	1	QAL
124	96337-NRA-135	12/2/1996	96337-NRA-135	Mercury	1.52	0.61		0	2	QAL
125	96277-18	10/3/1996	96277-18	Mercury	0	0.55	U	0	1	QAL
125	96277-20	10/3/1996	96277-20	Mercury	0.78	0.56		0	1	QAL
125	96296-08	10/22/1996	96296-08	Mercury	0	0.56	U	0	1	QAL
125	96296-10	10/22/1996	96296-10	Mercury	0	0.57	U	0	1	QAL
125	96319-NCA-06	11/14/1996	96319-NCA-06	Mercury	0	0.54	U	0	1.25	QAL
127	97133-01	5/13/1997	97133-01	Mercury	0	0.53	U	0	0.1	QAL
133	950276-HA28-1	10/3/1995	HA-28	Mercury	1.26	0.60		0	1	TEG
133	96242-09	8/29/1996	96242-09	Mercury	0	0.68	U	0	1	QAL
133	96242-07	8/29/1996	96242-07	Mercury	1.23	0.89		0	1	QAL
133	96242-08	8/29/1996	96242-08	Mercury	2.15	0.89		0	1	QAL
136	LC-603-SLA	11/29/1994	LC-603	Mercury	0	0.11	U	0	1	ESD
136	08101-LC-603	4/10/2008	LC-603	Mercury	0.10	0.0005		0	0.5	CAS
136	08102-LC-603-C-R3	4/11/2008	LC-603	Mercury	0.17	0.0005		0	0.5	CAS
136	08102-LC-603-C-R1	4/11/2008	LC-603	Mercury	0.20	0.0005		0	0.5	CAS
136	08102-LC-603-C-R2	4/11/2008	LC-603	Mercury	0.26	0.0005		0	0.5	CAS
136	10349-DIT-4_0-1	12/15/2010	DIT-4	Mercury	0.10	0.0002		0	1	CAS
136	10349-DIT-5_0-1	12/15/2010	DIT-5	Mercury	0.22	0.0002		0	1	CAS
137	LC-602-SLA	11/30/1994	LC-602	Mercury	0.16	0		0	1	ESD
137	96330-RI-09	11/25/1996	96330-RI-09	Mercury	0	0.53	U	0	1	QAL
145	10349-DIT-2_0-1	12/15/2010	DIT-2	Mercury	0.04	0.0002		0	1	CAS
145	10349-DIT-3_0-1	12/15/2010	DIT-3	Mercury	0.05	0.0002		0	1	CAS
150	LC-604-SLA	11/30/1994	LC-604	Mercury	0	0.11	U	0	1	ESD
151	LC-601-SLA	11/30/1994	LC-601	Mercury	0	0.11	U	0	1	ESD
151	08101-LC-601	4/10/2008	LC-601	Mercury	0.06	0.0005		0	0.5	CAS
151	08101-RI-15	4/10/2008	RI-15	Mercury	0.09	0.0005		0	0.5	CAS

Table C-1
OU3 Mercury Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
151	08102-LC-601-C	4/11/2008	LC-601	Mercury	0.09	0.0005		0	0.5	CAS
152	96346-RI-15	12/11/1996	96346-RI-15	Mercury	0.16	0.05		0	1	Cor
152	10349-DIT-1_0.1	12/15/2010	DIT-1	Mercury	0.09	0.001		0	1	CAS

Table C-2
OU3 Lead Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
1	96095-13	4/4/1996	96095-13	Lead	31.0	5.26		0	1	TEG
1	96095-03	4/4/1996	96095-03	Lead	47.2	5.38		0	1	TEG
1	96095-11	4/4/1996	96095-11	Lead	36.1	5.44		0	1	TEG
1	96095-07	4/4/1996	96095-07	Lead	121	5.45		0	1	TEG
1	96095-09	4/4/1996	96095-09	Lead	26.2	5.75		0	1	TEG
1	96095-05	4/4/1996	96095-05	Lead	108	5.88		0	1	TEG
1	96163-SRA-10	6/11/1996	96163-SRA-10	Lead	149	5.55		0	1.5	TEG
1	09130-SL4-0-2	5/10/2009	SL-4	Lead	16.8	0.05		0	2	CAS
2	96059-05	2/28/1996	96059-05	Lead	73.9	5.26		0	1	TEG
2	96059-01	2/28/1996	96059-01	Lead	39.7	5.26		0	1	TEG
2	96059-03	2/28/1996	96059-03	Lead	65.8	5.27		0	1	TEG
2	96059-07	2/28/1996	96059-07	Lead	69.3	5.42		0	1	TEG
2	96255-06	9/11/1996	96255-06	Lead	83.9	11.1		0	1	QAL
2	96255-08	9/11/1996	96255-08	Lead	0	11.2	U	0	1	QAL
2	96255-18	9/11/1996	96255-18	Lead	83.1	11.3		0	1	QAL
2	96255-16	9/11/1996	96255-16	Lead	17.3	11.6		0	1	QAL
3	96093-07	4/2/1996	96093-07	Lead	60.3	5.62		0	1	TEG
3	96099-03	4/8/1996	96099-03	Lead	36.2	5.33		0	1	TEG
3	96099-05	4/8/1996	96099-05	Lead	52.4	5.41		0	1	TEG
3	96150-OST-06	5/29/1996	96150-OST-06	Lead	91.0	5.12		0	1.5	TEG
3	97140-03	5/20/1997	97140-03	Lead	26.6	10.4		0	0.1	QAL
3	09130-SL27-0-2	5/10/2009	SL-27	Lead	4.85	0.04		0	2	CAS
6	96163-SRA-08	6/11/1996	96163-SRA-08	Lead	6.21	5.31		0	1.5	TEG
6	96163-SRA-07	6/11/1996	96163-SRA-07	Lead	0	5.48	U	0	2	TEG
7	LC-637-SLA	11/30/1994	LC-637	Lead	0	8.00	U	0	1	ESD
7	96218-08	8/5/1996	96218-08	Lead	21.3	11.0		0	1	QAL
7	96255-03	9/11/1996	96255-03	Lead	268	10.6		0	1	QAL
7	96255-12	9/11/1996	96255-12	Lead	42.8	11.6		0	1	QAL
7	97041-SRA-63	2/10/1997	97041-SRA-63	Lead	30.3	11.2		0	2	QAL
7	97140-02	5/20/1997	97140-02	Lead	42.1	10.5		0	0.1	QAL
8	96093-01	4/2/1996	96093-01	Lead	48.7	5.45		0	1	TEG
8	96093-13	4/2/1996	96093-13	Lead	84.5	5.47		0	1	TEG
8	96093-05	4/2/1996	96093-05	Lead	88.6	5.56		0	1	TEG
8	96093-03	4/2/1996	96093-03	Lead	112	5.57		0	1	TEG
8	96093-11	4/2/1996	96093-11	Lead	368	5.71		0	1	TEG
8	96130-08	5/9/1996	96130-08	Lead	212	5.02		0	0.1	TEG
8	96130-07	5/9/1996	96130-07	Lead	87.3	5.22		0	1	TEG
8	96130-06	5/9/1996	96130-06	Lead	133	5.35		0	1	TEG
8	96130-05	5/9/1996	96130-05	Lead	316	53.4		0	1	TEG
8	96149-OST-03	5/28/1996	96149-OST-03	Lead	16.8	5.09		0	1.5	TEG
8	96150-OST-05	5/29/1996	96150-OST-05	Lead	276	5.04		0	1	TEG
8	96150-OST-04	5/29/1996	96150-OST-04	Lead	132	5.06		0	1.5	TEG
8	96157-OST-09	6/5/1996	96157-OST-09	Lead	374	52.0		0	1	TEG
8	950235-OST-19	8/23/1995	OST-19	Lead	10.7	0.67		0	1	Pac
8	96254-04	9/10/1996	96254-04	Lead	128	11.1		0	1	QAL
8	96254-09	9/10/1996	96254-09	Lead	475	11.3		0	1	QAL
8	96254-05	9/10/1996	96254-05	Lead	32.9	11.4		0	1	QAL
9	950235-OST-28	8/23/1995	OST-28	Lead	13.6	6.04		0	1	TEG
9	950235-OST-16	8/23/1995	OST-16	Lead	94.7	6.04		0	1	TEG
9	950235-OST-25	8/23/1995	OST-25	Lead	115	6.04		0	1	TEG
9	LC-635-SLA	12/1/1994	LC-635	Lead	320	0		0	1	ESD
9	96253-18	9/9/1996	96253-18	Lead	285	10.8		0	1	QAL
9	96253-15	9/9/1996	96253-15	Lead	364	11.0		0	1	QAL
9	96253-19	9/9/1996	96253-19	Lead	307	11.7		0	1	QAL
9	96254-01	9/10/1996	96254-01	Lead	980	10.3		0	1	QAL
9	96254-03	9/10/1996	96254-03	Lead	109	10.8		0	1	QAL
9	96254-02	9/10/1996	96254-02	Lead	455	12.2		0	1	QAL
9	96260-OST-13	9/16/1996	96260-OST-13	Lead	635	11.4		0	1.3	QAL
9	96260-OST-14	9/16/1996	96260-OST-14	Lead	252	11.6		0	1.3	QAL
9	96262-20	9/18/1996	96262-20	Lead	820	10.6		0	0.1	QAL
9	97140-04	5/20/1997	97140-04	Lead	22.2	10.3		0	0.1	QAL

Table C-2
OU3 Lead Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
9	98267-CRR-D-07	9/24/1998	98267-CRR-D-07	Lead	690	0.54		0	1	Sav
9	98274-CRR-D-08	10/1/1998	98274-CRR-D-08	Lead	700	0.56		0	1	Sav
9	08101-PB-2	4/10/2008	PB-2	Lead	443	0.02		0	0.5	CAS
9	08102-PB-2-C	4/11/2008	PB-2	Lead	181	0.02		0	0.5	CAS
10	08101-AC-1	4/10/2008	AC-1	Lead	31.6	0.02		0	0.5	CAS
10	08102-AC-1-C	4/11/2008	AC-1	Lead	102	0.02		0	0.5	CAS
13	96171-SRA-21	6/19/1996	96171-SRA-21	Lead	0	11.9	U	0	1	QAL
13	96171-SRA-23	6/19/1996	96172-SRA-23	Lead	0	12.4	U	0	1	QAL
13	96190-03	7/8/1996	96190-03	Lead	13.9	10.4		0	0.1	QAL
13	96310-02	11/5/1996	96310-02	Lead	8.09	10.8		0	0.5	QAL
13	96310-01	11/5/1996	96310-01	Lead	9.87	11.0		0	0.5	QAL
13	97010-BM1-01	1/10/1997	97010-BM1-01	Lead	15.1	11.2		0	1	QAL
14	96214-07	8/1/1996	96214-07	Lead	309	10.4		0	1	QAL
14	96218-01	8/5/1996	96218-01	Lead	32.6	10.5		0	1	QAL
14	97135-05	5/15/1997	97135-05	Lead	29.2	10.4		0	0.1	QAL
14	97140-SRA-146	5/20/1997	97140-SRA-146	Lead	13.4	10.3		0.5	1	QAL
14	97141-SRA-147	5/21/1997	97141-SRA-147	Lead	41.7	10.4		0.5	1.5	QAL
14	97143-SRA-148	5/23/1997	97143-SRA-148	Lead	71.6	10.2		0	0.1	QAL
14	97147-SRA-149	5/27/1997	97147-SRA-149	Lead	15.0	7.80		0.5	1	Sav
14	09130-SL30-0-2	5/10/2009	SL-30	Lead	13.4	0.05		0	2	CAS
15	950235-OST-13	8/23/1995	OST-13	Lead	115	6.04		0	1	TEG
15	LC-638-SLA	11/30/1994	LC-638	Lead	0	20.0	U	0	1	ESD
15	96218-06	8/5/1996	96218-06	Lead	16.1	10.4		0	1	QAL
15	96218-03	8/5/1996	96218-03	Lead	310	10.6		0	1	QAL
15	96234-06	8/21/1996	96234-06	Lead	26.8	10.3		0	1	QAL
15	96234-09	8/21/1996	96234-09	Lead	126	11.5		0	1	QAL
15	97013-01	1/13/1997	97013-01	Lead	29.3	10.7		0.5	1	QAL
16	950038-11	2/8/1995	950038-11	Lead	0	6.04	U	0	1	TEG
16	950039-12	2/8/1995	950039-12	Lead	67.6	6.04		0	1	TEG
16	950039-13	2/8/1995	950039-13	Lead	170	6.04		0	1	TEG
16	950039-09	2/8/1995	950039-09	Lead	250	6.04		0	1	TEG
16	950234-OST-10	8/22/1995	OST-10	Lead	169	6.04		0	1	TEG
16	950235-OST-34	8/23/1995	OST-34	Lead	11.5	6.04		0	1	TEG
16	950235-OST-37	8/23/1995	OST-37	Lead	43.7	6.04		0	1	TEG
16	LC-634-SLA	12/1/1994	LC-634	Lead	1100	0		0	1	ESD
16	950039-15	2/8/1995	950039-15	Lead	155	3.45		0	1	Eco
16	950235-OST-31	8/23/1995	OST-31	Lead	27.8	0.64		0	1	Pac
16	96255-23	9/11/1996	96255-23	Lead	75.2	10.7		0	1	QAL
16	96255-21	9/11/1996	96255-21	Lead	77.1	12.0		0	1	QAL
16	97140-05	5/20/1997	97140-05	Lead	48.3	10.3		0	0.1	QAL
17	950038-09	2/7/1995	950038-09	Lead	0	6.04	U	0	1	TEG
17	950039-01	2/8/1995	950039-01	Lead	0	6.04	U	0	1	TEG
17	950039-03	2/8/1995	950039-03	Lead	0	6.04	U	0	1	TEG
17	950039-05	2/8/1995	950039-05	Lead	0	6.04	U	0	1	TEG
17	950039-07	2/8/1995	950039-07	Lead	0	6.04	U	0	1	TEG
17	950333-65	11/29/1995	TP-B4	Lead	122	5.49		0.8	0.8	TEG
17	950333-64	11/29/1995	TP-B4	Lead	206	5.61		0.5	0.5	TEG
17	950334-69	11/30/1995	TP-B9	Lead	0	5.30	U	0.8	0.8	TEG
17	950334-56	11/30/1995	TP-B6	Lead	9.98	5.40		0.8	0.8	TEG
17	950334-70	11/30/1995	TP-B9	Lead	0	5.41	U	0.8	0.8	TEG
17	950334-51	11/30/1995	TP-B5	Lead	11.6	5.41		0.5	0.5	TEG
17	950334-55	11/30/1995	TP-B6	Lead	8.18	5.42		0.5	0.5	TEG
17	950334-64	11/30/1995	TP-B8	Lead	7.49	5.44		0.5	0.5	TEG
17	950334-52	11/30/1995	TP-B5	Lead	12.4	5.45		0.8	0.8	TEG
17	950334-65	11/30/1995	TP-B8	Lead	28.7	5.51		0.8	0.8	TEG
17	950334-60	11/30/1995	TP-B7	Lead	232	6.47		0.5	0.5	TEG

Table C-2
OU3 Lead Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
21	96190-05	7/8/1996	96190-05	Lead	196	10.6		0	0.1	QAL
21	96310-03	11/5/1996	96310-03	Lead	7.63	10.9		0	0.5	QAL
21	09130-SL22-0-2	5/10/2009	SL-22	Lead	5.74	0.05		0	2	CAS
23	96214-03	8/1/1996	96214-03	Lead	255	10.3		0	1	QAL
23	96214-01	8/1/1996	96214-01	Lead	60.1	10.5		0	1	QAL
23	96214-05	8/1/1996	96214-05	Lead	260	10.7		0	1	QAL
23	97125-BM3-09	5/5/1997	97125-BM3-09	Lead	45.8	10.3		0.5	0.5	QAL
23	97135-04	5/15/1997	97135-04	Lead	28.5	10.4		0	0.1	QAL
23	09129-SL3-0-2	5/9/2009	SL-3	Lead	29.8	0.05		0	2	CAS
24	950234-OST-7	8/22/1995	OST-07	Lead	222	6.04		0	1	TEG
24	950240-OST-43	8/28/1995	OST-43	Lead	216	6.04		0	1	TEG
24	950240-OST-40	8/28/1995	OST-40	Lead	698	6.04		0	1	TEG
24	LC-639-SLA	11/30/1994	LC-639	Lead	75.0	0		0	1	ESD
24	96253-07	9/9/1996	96253-07	Lead	177	10.9		0	1	QAL
24	96253-01	9/9/1996	96253-01	Lead	280	10.9		0	1	QAL
24	96253-04	9/9/1996	96253-04	Lead	494	11.3		0	1	QAL
24	96253-10	9/9/1996	96253-10	Lead	72.2	11.5		0	1	QAL
24	96256-03	9/12/1996	96256-03	Lead	364	11.2		0	1	QAL
24	96256-01	9/12/1996	96256-01	Lead	46.2	11.7		0	1	QAL
24	96260-01	9/16/1996	96260-01	Lead	124	11.0		0	1	QAL
24	96260-02	9/16/1996	96260-02	Lead	295	12.1		0	1	QAL
24	97121-OST-19	5/1/1997	97121-OST-19	Lead	297	10.8		0	1.5	QAL
24	97121-OST-21	5/1/1997	97121-OST-21	Lead	420	11.4		0	1.5	QAL
24	97121-OST-18	5/1/1997	97121-OST-18	Lead	149	11.5		0	1.5	QAL
24	97122-OST-26	5/2/1997	97122-OST-26	Lead	265	11.4		0	1.5	QAL
24	98264-CRR-C-03	9/21/1998	98264-CRR-C-03	Lead	710	0.58		0	1	Sav
24	98264-CRR-C-02	9/21/1998	98264-CRR-C-02	Lead	83.0	0.59		0	1.5	Sav
25	950047-10	2/16/1995	950047-10	Lead	31.4	6.04		0	1	TEG
25	950051-18	2/20/1995	950051-18	Lead	342	6.04		0	1	TEG
25	950333-56	11/29/1995	TP-B2	Lead	60.2	5.20		0.8	0.8	TEG
25	950333-60	11/29/1995	TP-B3	Lead	64.9	5.31		0.5	0.5	TEG
25	950333-61	11/29/1995	TP-B3	Lead	18.0	5.35		0.8	0.8	TEG
25	950333-52	11/29/1995	TP-B1	Lead	229	5.63		0.8	0.8	TEG
25	950333-55	11/29/1995	TP-B2	Lead	92.1	5.90		0.5	0.5	TEG
25	950333-51	11/29/1995	TP-B1	Lead	188	7.11		0.5	0.5	TEG
25	96169-M50	6/17/1996	96169-M50	Lead	0	10.7	U	0.5	1	QAL
26	950074-16	3/15/1995	950074-16	Lead	20.5	6.04		0	1	TEG
26	96137-M18	5/16/1996	96137-M18	Lead	0	5.40	U	0.5	1	TEG
26	96155-M32	6/3/1996	96155-M32	Lead	14.3	5.25		0.5	1.5	TEG
26	94344-14	12/10/1994	94344-14	Lead	7.22	1.64		0	1	Eco
26	08101-HG-2	4/10/2008	HG-2	Lead	3.70	0.02		0	0.5	CAS
26	08102-HG-2-C	4/11/2008	HG-2	Lead	32.3	0.02		0	0.5	CAS
27	LC-622-SLA	12/1/1994	LC-622	Lead	130	0		0	1	ESD
31	96310-04	11/5/1996	96310-04	Lead	7.73	11.0		0	0.5	QAL
31	97086-SRA-102	3/27/1997	97086-SRA-102	Lead	638	11.6		0	2	QAL
31	97097-SRA-121	4/7/1997	97097-SRA-121	Lead	194	11.1		0	1	QAL
32	96124-AA-05	5/3/1996	96124-AA-05	Lead	39.0	5.83		0	1.5	TEG
32	96124-AA-07	5/3/1996	96124-AA-07	Lead	49.5	6.02		0	1.5	TEG
32	96124-AA-04	5/3/1996	96124-AA-04	Lead	416	58.0		0	2	TEG
32	96130-02	5/9/1996	96130-02	Lead	64.5	5.11		0	0.5	TEG
32	97107-BM4-19	4/17/1997	97107-BM4-19	Lead	330	11.4		0	1.5	QAL
32	97135-03	5/15/1997	97135-03	Lead	43.0	10.4		0	0.1	QAL
33	950234-OST-1	8/22/1995	OST-01	Lead	87.8	6.04		0	1	TEG
33	96101-14	4/10/1996	96101-14	Lead	109	6.00		0	1	TEG
33	96107-06	4/16/1996	96107-06	Lead	153	5.73		0	1	TEG
33	96107-04	4/16/1996	96107-04	Lead	29.0	5.74		0	1	TEG
33	96124-AA-10	5/3/1996	96124-AA-10	Lead	37.6	5.72		0	1	TEG
33	96124-AA-03	5/3/1996	96124-AA-03	Lead	174	6.05		0	1.5	TEG
33	96124-AA-08	5/3/1996	96124-AA-08	Lead	6.16	6.09		0	1.5	TEG
33	96129-AA-13	5/8/1996	96129-AA-13	Lead	70.4	5.46		0	2	TEG

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GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
33	96129-AA-16	5/8/1996	96129-AA-16	Lead	47.1	5.60		0	1.75	TEG
33	96130-01	5/9/1996	96130-01	Lead	275	50.5		0	1	TEG
33	94208-10	7/27/1994	94208-10	Lead	205	1.81		0	1	Eco
33	96253-14	9/9/1996	96253-14	Lead	547	13.4		0	1	QAL
33	96253-13	9/9/1996	96253-13	Lead	234	14.1		0	1	QAL
33	97122-OST-27	5/2/1997	97122-OST-27	Lead	390	11.0		0	1.25	QAL
33	97122-OST-29	5/2/1997	97122-OST-29	Lead	102	11.3		0	1.5	QAL
33	98264-CRR-B-01	9/21/1998	98264-CRR-B-01	Lead	36.0	0.55		0	1.5	Sav
33	98264-CRR-B-02	9/21/1998	98264-CRR-B-02	Lead	27.0	0.57		0	1.5	Sav
33	08101-AC-2	4/10/2008	AC-2	Lead	8.77	0.02		0	0.5	CAS
33	08102-AC-2-C	4/11/2008	AC-2	Lead	8.29	0.02		0	0.5	CAS
34	97170-M108	6/19/1997	97170-M108	Lead	75.0	5.40		0	1.5	Sav
35	96128-M10	5/7/1996	96128-M10	Lead	7.37	6.21		0.5	1.5	TEG
35	96135-M14	5/14/1996	96135-M14	Lead	30.0	5.34		0.5	1.5	TEG
35	96141-M20	5/20/1996	96141-M20	Lead	192	5.28		0.1	0.1	TEG
35	96142-M23	5/21/1996	96142-M23	Lead	8.64	5.08		0.5	1	TEG
36	LC-621-SLA	12/1/1994	LC-621	Lead	86.0	0		0	1	ESD
37	LC-620-SLA	12/1/1994	LC-620	Lead	140	0		0	1	ESD
38	96331-RI-13	11/27/1996	96331-RI-13	Lead	28.2	11.3		0	1	QAL
41	96115-SS-04	4/24/1996	96115-SS-04	Lead	14.5	5.51		0	1	TEG
41	97104-02	4/14/1997	97104-02	Lead	60.7	11.4		0	0.1	QAL
41	09130-SL9-0-2	5/10/2009	SL-9	Lead	3.43	0.05		0	2	CAS
42	97111-BM4-26	4/21/1997	97111-BM4-26	Lead	253	11.3		0	2	QAL
42	97114-BM4-31	4/24/1997	97114-BM4-31	Lead	49.6	11.5		0.1	0.1	QAL
43	96067-14	3/7/1996	96067-14	Lead	0	5.72	U	0	1	TEG
43	96129-AA-14	5/8/1996	96129-AA-14	Lead	75.9	5.74		0	1	TEG
43	96129-AA-15	5/8/1996	96129-AA-15	Lead	105	6.35		0	1	TEG
43	97135-02	5/15/1997	97135-02	Lead	35.0	10.6		0	0.1	QAL
44	950037-01	2/6/1995	950037-01	Lead	0	6.04	U	0	1	TEG
44	96207-M76	7/25/1996	96207-M76	Lead	323	12.7		0	1	QAL
44	96261-01	9/17/1996	96261-01	Lead	110	11.7		0	1	QAL
45	96141-M22	5/20/1996	96141-M22	Lead	262	5.38		0.1	0.1	TEG
46	950052-18	2/21/1995	950052-18	Lead	49.5	6.04		0	1	TEG
46	09129-SL21-0-2	5/9/2009	SL-21	Lead	20.4	0.06		0	2	CAS
47	950052-21	2/21/1995	950052-21	Lead	22.9	6.04		0	1	TEG
47	LC-619-SLA	11/30/1994	LC-619	Lead	0	50.0	U	0	1	ESD
47	96346-RI-17	12/11/1996	96346-RI-17	Lead	26.3	12.3		0	1	QAL
49	96331-RI-11	11/27/1996	96331-RI-11	Lead	14.9	11.9		0	1	QAL
52	96022-01	1/22/1996	96022-01	Lead	6.21	5.61		0	1.5	TEG
52	96057-SYD-32	2/26/1996	96057-SYD-32	Lead	62.4	5.65		0	1	TEG
53	96099-01	4/8/1996	96099-01	Lead	174	5.60		0	0	TEG
53	96101-SYD-76	4/10/1996	96101-SYD-76	Lead	219	57.3		0.5	1	TEG
53	LC-204-SLA	10/17/1994	LC-204	Lead	390	0		0	1	ESD
53	09129-SL13-0-2	5/9/2009	SL-13	Lead	118	0.04		0	2	CAS
54	950166-04	6/15/1995	950166-04	Lead	173	6.81		0	1	TEG
54	97086-CTA-03	3/27/1997	97086-CTA-03	Lead	119	11.9		0	2	QAL
55	96298-SRY-24	10/24/1996	96298-SRY-24	Lead	69.9	11.8		0	2	QAL
57	950052-17	2/21/1995	950052-17	Lead	44.7	6.04		0	1	TEG
57	950052-20	2/21/1995	950052-20	Lead	45.9	6.04		0	1	TEG
57	97042-03	2/11/1997	97042-03	Lead	48.7	11.3		0	1	QAL
57	97042-06	2/11/1997	97042-06	Lead	65.3	11.8		0	1	QAL
59	950332-86	11/28/1995	TP-A9	Lead	14.6	5.33		0.8	0.8	TEG
59	950332-69	11/28/1995	TP-A5	Lead	0	5.50	U	0.5	0.5	TEG
59	950332-60	11/28/1995	TP-A3	Lead	0	5.51	U	0.5	0.5	TEG
59	950332-85	11/28/1995	TP-A9	Lead	12.0	5.55		0.5	0.5	TEG
59	950332-51	11/28/1995	TP-A1	Lead	0	5.57	U	0.5	0.5	TEG
59	950332-74	11/28/1995	TP-A6	Lead	0	5.57	U	0.8	0.8	TEG
59	950332-61	11/28/1995	TP-A3	Lead	0	5.58	U	0.8	0.8	TEG
59	950332-77	11/28/1995	TP-A7	Lead	8.65	5.61		0.5	0.5	TEG
59	950332-70	11/28/1995	TP-A5	Lead	0	5.64	U	0.8	0.8	TEG

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OU3 Lead Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
59	950332-56	11/28/1995	TP-A2	Lead	0	5.64	U	0.8	0.8	TEG
59	950332-82	11/28/1995	TP-A8	Lead	0	5.65	U	0.8	0.8	TEG
59	950332-55	11/28/1995	TP-A2	Lead	0	5.67	U	0.5	0.5	TEG
59	950332-81	11/28/1995	TP-A8	Lead	40.7	5.67		0.5	0.5	TEG
59	950332-73	11/28/1995	TP-A6	Lead	0	5.68	U	0.5	0.5	TEG
59	950332-64	11/28/1995	TP-A4	Lead	0	5.70	U	0.5	0.5	TEG
59	950332-78	11/28/1995	TP-A7	Lead	0	5.81	U	0.8	0.8	TEG
59	LC-617-SLA	12/1/1994	LC-617	Lead	0	3.00	U	0	1	ESD
60	LC-616-SLA	12/1/1994	LC-616	Lead	85.0	0		0	1	ESD
63	96052-SYD-24	2/21/1996	96052-SYD-24	Lead	10.9	5.64		0	1	TEG
63	96052-SYD-23	2/21/1996	96052-SYD-23	Lead	13.7	5.69		0	1	TEG
64	96039-SYD-11	2/8/1996	96039-SYD-11	Lead	8.06	5.79		0	2	TEG
64	96052-SYD-21	2/21/1996	96052-SYD-21	Lead	36.2	5.72		0	1	TEG
64	96052-SYD-22	2/21/1996	96052-SYD-22	Lead	86.7	5.93		0	2	TEG
64	96065-01	3/5/1996	96065-01	Lead	197	5.53		0	0	TEG
64	96071-02	3/11/1996	96071-02	Lead	87.6	5.59		0	0	TEG
64	96080-01	3/20/1996	96080-01	Lead	71.2	5.65		0	0	TEG
64	96081-02	3/21/1996	96081-02	Lead	143	5.85		0	0	TEG
64	96088-01	3/28/1996	96088-01	Lead	150	5.71		0	0	TEG
64	96283-CPS-01	10/9/1996	96283-CPS-01	Lead	484	12.8		0.5	1	QAL
64	96290-CPS-07	10/16/1996	96290-CPS-07	Lead	320	11.8		0.5	1	QAL
64	96290-CPS-08	10/16/1996	96290-CPS-08	Lead	382	12.0		0	0.75	QAL
65	96037-SYD-04	2/6/1996	96037-SYD-04	Lead	221	5.11		0	1.5	TEG
65	96038-SYD-10	2/7/1996	96038-SYD-10	Lead	42.4	6.00		0.5	1.5	TEG
65	96284-CPS-02	10/10/1996	96284-CPS-02	Lead	375	11.9		0.5	1	QAL
65	96289-CPS-06	10/15/1996	96289-CPS-06	Lead	422	11.7		0	0.5	QAL
65	96303-CPS-14	10/29/1996	96303-CPS-14	Lead	238	11.0		0	1.25	QAL
65	96303-CPS-15	10/29/1996	96303-CPS-15	Lead	874	12.0		0	1	QAL
66	96261-CSA-01	9/17/1996	96261-CSA-01	Lead	243	12.0		0.5	0.5	QAL
66	96262-CSA-02	9/18/1996	96262-CSA-02	Lead	175	12.0		0.5	0.75	QAL
66	96270-sry-09	9/26/1996	96270-SRY-09	Lead	18.8	11.8		0	1.5	QAL
68	97042-01	2/11/1997	97042-01	Lead	69.4	11.3		0	1	QAL
69	LC-618-SLA	11/30/1994	LC-618	Lead	0	20.0	U	0	1	ESD
69	96330-RI-07	11/25/1996	96330-RI-07	Lead	21.1	11.1		0	1	QAL
70	LC-615-SLA	11/30/1994	LC-615	Lead	0	40.0	U	0	1	ESD
74	950088-04	3/29/1995	950088-04	Lead	0	6.04	U	0	1	TEG
74	950089-10	3/30/1995	950089-10	Lead	264	6.04		0	1	TEG
75	950079-07	3/20/1995	950079-07	Lead	32.6	6.04		0	1	TEG
75	950079-05	3/20/1995	950079-05	Lead	464	6.04		0	1	TEG
75	950080-05	3/21/1995	950080-05	Lead	99.0	6.04		0	1	TEG
75	950081-07	3/23/1995	950081-07	Lead	0	6.04	U	0	1	TEG
75	950081-13	3/23/1995	950081-13	Lead	0	6.04	U	0	1	TEG
75	950081-10	3/23/1995	950081-10	Lead	0	6.04	U	0	1	TEG
75	950081-09	3/23/1995	950081-09	Lead	0	6.04	U	0	1	TEG
75	950081-03	3/23/1995	950081-03	Lead	0	6.04	U	0	1	TEG
75	950086-01	3/27/1995	950086-01	Lead	62.8	6.04		0	1	TEG
75	950086-12	3/27/1995	950086-12	Lead	74.9	6.04		0	1	TEG
75	950086-03	3/27/1995	950086-03	Lead	130	6.04		0	1	TEG
75	950086-07	3/27/1995	950086-07	Lead	199	6.04		0	1	TEG
75	950086-10	3/27/1995	950086-10	Lead	216	6.04		0	1	TEG
75	950159-01	6/8/1995	950159-01	Lead	0	6.04	U	0	1	Teg
75	96044-01	2/13/1996	96044-01	Lead	9.44	5.69		0	0	TEG
75	96044-SYD-14	2/13/1996	96044-SYD-14	Lead	0	6.10	U	0	1.5	TEG
75	96085-SYD-59	3/25/1996	96085-SYD-59	Lead	27.7	5.41		0	1	TEG
75	96123-SYD-94	5/2/1996	96123-SYD-94	Lead	58.0	5.70		0	2	TEG
75	96123-SYD-92	5/2/1996	96123-SYD-92	Lead	77.9	5.76		0	2	TEG
75	96123-SYD-90	5/2/1996	96123-SYD-90	Lead	144	5.76		0	2	TEG
75	96260-19	9/16/1996	96260-19	Lead	244	11.4		0	1	QAL
75	09129-SL24-0-2	5/9/2009	SL-24	Lead	4.12	0.05		0	2	CAS
77	94208-06	7/27/1994	94208-06	Lead	163	1.81		0	1	Eco

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GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
77	GPT-02-1	3/23/1995	GPT-02	Lead	65.0	0		0	2	Sav
77	GPT-00-1	3/23/1995	GPT-00	Lead	119	0		0	2	Sav
77	GPT-01-1	3/23/1995	GPT-01	Lead	128	0		0	2	Sav
77	96247-16	9/3/1996	96247-16	Lead	0	10.8	U	0	1	QAL
77	96317-SRY-40	11/12/1996	96317-SRY-40	Lead	125	11.4		0	1.25	QAL
78	97034-05	2/3/1997	97034-05	Lead	281	11.5		0	1	QAL
78	97034-03	2/3/1997	97034-03	Lead	116	12.0		0	1	QAL
79	97034-01	2/3/1997	97034-01	Lead	145	11.8		0	1	QAL
79	97036-01	2/5/1997	97036-01	Lead	116	11.9		0	1	QAL
80	08101-PB-1	4/10/2008	PB-1	Lead	4.41	0.02		0	0.5	CAS
80	08102-PB-1-C	4/11/2008	PB-1	Lead	7.79	0.02		0	0.5	CAS
85	950089-01	3/30/1995	950089-01	Lead	175	6.04		0	1	TEG
85	950093-01	4/3/1995	950093-01	Lead	473	6.04		0	1	TEG
85	96081-SYD-57	3/21/1996	96081-SYD-57	Lead	5.40	5.27		0	1	TEG
85	96115-04	4/25/1996	96115-04	Lead	1210	436		0	1.5	TEG
86	96081-SYD-56	3/21/1996	96081-SYD-56	Lead	12.0	5.57		0	1	TEG
86	950228-SA1	8/17/1995	950228-SA1	Lead	334	0.69		0	1	Pac
86	950228-SA1-1	8/17/1995	950228-SA1-1	Lead	454	0.70		0	1	Pac
86	950241-SA3	8/29/1995	950241-SA3	Lead	99.7	0.77		0	1	Pac
86	950242-SA6	8/30/1995	950242-SA6	Lead	129	0.67		0	1	Pac
86	96232-13	8/19/1996	96232-13	Lead	75.3	10.8		0	0.1	QAL
86	96233-03	8/20/1996	96233-03	Lead	27.6	10.6		0	1	QAL
86	96233-05	8/20/1996	96233-05	Lead	20.7	10.9		0	1	QAL
86	96262-NWF-10	9/18/1996	96262-NWF-10	Lead	20.9	10.8		0	0.5	QAL
86	96262-NWF-13	9/18/1996	96262-NWF-13	Lead	45.0	11.5		0.5	0.75	QAL
86	96262-NWF-15	9/18/1996	96262-NWF-15	Lead	157	12.5		0.5	0.75	QAL
86	09129-SL16-0-1.5	5/9/2009	SL-16	Lead	73.8	0.06		0	1.5	CAS
87	96254-NWF-02	9/10/1996	96254-NWF-02	Lead	22.1	11.1		0.5	1	QAL
87	96254-NWF-01	9/10/1996	96254-NWF-01	Lead	0	11.5	U	0.5	1.3	QAL
87	96255-NWF-03	9/11/1996	96255-NWF-03	Lead	25.2	11.7		0.5	0.75	QAL
87	96256-NWF-04	9/12/1996	96256-NWF-04	Lead	131	11.2		0.5	0.75	QAL
87	96256-NWF-05	9/12/1996	96256-NWF-05	Lead	0	11.4	U	0.5	0.75	QAL
87	96260-NWF-07	9/16/1996	96260-NWF-07	Lead	171	11.1		0.5	0.75	QAL
87	96260-NWF-06	9/16/1996	96260-NWF-06	Lead	104	12.6		0.5	0.75	QAL
87	96262-NWF-11	9/18/1996	96262-NWF-11	Lead	1.93	11.0		0	1	QAL
87	96262-NWF-09	9/18/1996	96262-NWF-09	Lead	0	11.2	U	0.5	1	QAL
87	96263-NWF-18	9/19/1996	96263-NWF-18	Lead	57.4	10.3		0	0.5	QAL
87	96263-NWF-16	9/19/1996	96263-NWF-16	Lead	13.8	11.6		0.5	0.75	QAL
88	94208-05	7/27/1994	94208-05	Lead	326	1.81		0	1	Eco
88	GPT-11-1	3/23/1995	GPT-11	Lead	63.9	0		0	2	Sav
88	GPT-21-1	3/23/1995	GPT-21	Lead	93.4	0		0	2	Sav
88	GPT-12-1	3/23/1995	GPT-12	Lead	122	0		0	2	Sav
88	GPT-20-1	3/23/1995	GPT-20	Lead	124	0		0	2	Sav
88	GPT-22-1	3/23/1995	GPT-22	Lead	185	0		0	2	Sav
88	GPT-10-1	3/23/1995	GPT-10	Lead	346	0		0	2	Sav
88	96268-03	9/24/1996	96268-03	Lead	107	10.9		0	1	QAL
88	96268-09	9/24/1996	96268-09	Lead	16.6	11.1		0	1	QAL
88	96268-05	9/24/1996	96268-05	Lead	157	11.2		0	1	QAL
88	96268-07	9/24/1996	96268-07	Lead	325	11.4		0	1	QAL
88	96275-nrea-01	10/1/1996	96275-NREA-01	Lead	26.3	11.7		0.25	1	QAL
88	09129-SL26-0-2	5/9/2009	SL-26	Lead	3.71	0.05		0	2	CAS
89	96235-11	8/22/1996	96235-11	Lead	42.5	11.3		0	1	QAL
89	96235-09	8/22/1996	96235-09	Lead	426	11.4		0	1	QAL
89	96235-07	8/22/1996	96235-07	Lead	55.3	11.6		0	1	QAL
89	96247-11	9/3/1996	96247-11	Lead	51.7	10.8		0	1	QAL
89	96247-14	9/3/1996	96247-14	Lead	223	10.9		0	1	QAL
89	97034-07	2/3/1997	97034-07	Lead	34.4	11.5		0	1	QAL
89	97071-02	3/12/1997	97071-02	Lead	111	10.3		0	0.1	QAL
89	97071-03	3/12/1997	97071-03	Lead	85.1	10.6		0	0.1	QAL
89	08101-HG-3	4/10/2008	HG-3	Lead	9.69	0.02		0	0.5	CAS

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OU3 Lead Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
89	08101-AC-3	4/10/2008	AC-3	Lead	742	0.43		0	0.5	CAS
89	08102-HG-3-C	4/11/2008	HG-3	Lead	10.2	0.02		0	0.5	CAS
89	08102-AC-3-C	4/11/2008	AC-3	Lead	38.6	0.02		0	0.5	CAS
90	96318-SBC-03	11/13/1996	96318-SBC-03	Lead	26.3	11.2		0	2	QAL
90	97028-10	1/28/1997	97028-10	Lead	48.2	11.9		0	1.8	QAL
90	97028-08	1/28/1997	97028-08	Lead	368	11.9		0	1.7	QAL
90	97036-03	2/5/1997	97036-03	Lead	541	11.1		0	1	QAL
90	97071-04	3/12/1997	97071-04	Lead	167	10.8		0	0.1	QAL
91	LC-613-SLA	11/30/1994	LC-613	Lead	130	0		0	1	ESD
92	97043-RBT-01	2/12/1997	97043-RBT-01	Lead	178	11.1		0.69999	2	QAL
93	LC-207-SLA	10/14/1994	LC-207	Lead	230	0		0	1	ESD
93	LC-213-SLA	10/15/1994	LC-213	Lead	5.30	0		0	1	ESD
94	LC-208-SLA	10/14/1994	LC-208	Lead	89.0	0		0	1	ESD
94	LC-209-SLA	10/15/1994	LC-209	Lead	26.0	0		0	1	ESD
96	950242-SA5	8/30/1995	950242-SA5	Lead	380	0.66		0	1	Pac
96	950242-SA8	8/30/1995	950242-SA8	Lead	269	0.67		0	1	Pac
96	950242-SA9	8/30/1995	950242-SA9	Lead	256	0.68		0	1	Pac
97	950254-HA17-1	9/11/1995	HA-17	Lead	7.33	6.04		0	1	TEG
97	950254-HA18-1	9/11/1995	HA-18	Lead	8.77	6.04		0	1	TEG
97	950254-HA16-1	9/11/1995	HA-16	Lead	20.2	6.04		0	1	TEG
97	950254-HA15-1	9/11/1995	HA-15	Lead	62.0	6.04		0	1	TEG
97	AC7-0	1/10/1995	AC7	Lead	25.1	0		0	2	Col
97	96207-09	7/25/1996	96207-09	Lead	0	11.9	U	0	1	QAL
97	96207-04	7/25/1996	96207-04	Lead	34.7	12.0		0	1	QAL
97	96207-01	7/25/1996	96207-01	Lead	165	12.1		0	1	QAL
97	96207-06	7/25/1996	96207-06	Lead	204	12.8		0	1	QAL
97	96207-10	7/25/1996	96207-10	Lead	61.5	13.8		0	1	QAL
97	96207-07	7/25/1996	96207-07	Lead	74.3	15.8		0	1	QAL
97	96239-14	8/26/1996	96239-14	Lead	45.7	10.6		0	1	QAL
97	96239-15	8/26/1996	96239-15	Lead	44.4	10.7		0	1	QAL
97	96239-07	8/26/1996	96239-07	Lead	46.6	10.7		0	1	QAL
97	96247-NRA-101	9/3/1996	96247-NRA-101	Lead	284	10.8		0	1	QAL
97	96247-NRA-102	9/3/1996	96247-NRA-102	Lead	234	10.9		0	1	QAL
97	96248-10	9/4/1996	96248-10	Lead	412	11.2		0	1	QAL
97	96290-03	10/16/1996	96290-03	Lead	436	11.5		0	1	QAL
97	96291-09	10/17/1996	96291-09	Lead	628	12.6		0	0	QAL
97	96303-NWF-29	10/29/1996	96303-NWF-29	Lead	15.4	10.6		0	1.25	QAL
98	GPT-41-1	3/23/1995	GPT-41	Lead	63.8	0		0	2	Sav
98	GPT-42-1	3/23/1995	GPT-42	Lead	393	0		0	2	Sav
98	GPT-31-1	3/23/1995	GPT-31	Lead	821	0		0	2	Sav
98	GPT-32-1	3/23/1995	GPT-32	Lead	931	0		0	2	Sav
98	96227-03	8/14/1996	96227-03	Lead	288	10.8		0	1	QAL
98	96227-01	8/14/1996	96227-01	Lead	994	11.0		0	1	QAL
98	96239-01	8/26/1996	96239-01	Lead	150	10.5		0	1	QAL
98	96239-09	8/26/1996	96239-09	Lead	215	10.5		0	1	QAL
98	96239-04	8/26/1996	96239-04	Lead	64.4	10.6		0	1	QAL
98	96285-NREA-02	10/11/1996	96285-NREA-02	Lead	77.1	11.7		0.75	1.5	QAL
99	96256-05	9/12/1996	96256-05	Lead	44.1	11.8		0	1	QAL
99	96256-07	9/12/1996	96256-07	Lead	83.0	11.9		0	1	QAL
99	96269-bcf-03	9/25/1996	96269-BCF-03	Lead	321	11.6		0	2	QAL
99	96277-06	10/3/1996	96277-06	Lead	62.6	11.6		0	1	QAL
99	96277-09	10/3/1996	96277-09	Lead	53.7	11.9		0	1	QAL
99	96290-04	10/16/1996	96290-04	Lead	33.6	11.6		0	1	QAL
99	96312-07	11/7/1996	96312-07	Lead	160	11.0		0	1	QAL

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OU3 Lead Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
99	97069-NCA-07	3/10/1997	97069-NCA-07	Lead	99.1	10.9		0	1.5	QAL
99	97071-NCA-16	3/12/1997	97071-NCA-16	Lead	66.2	10.7		0	1.7	QAL
99	97072-NCA-22	3/13/1997	97072-NCA-22	Lead	76.6	10.6		0	1	QAL
99	97076-NCA-26	3/17/1997	97076-NCA-26	Lead	52.4	10.6		0	1	QAL
99	09129-SL12-0-2	5/9/2009	SL-12	Lead	1.38	0.05		0	2	CAS
100	96262-12	9/18/1996	96262-12	Lead	128	11.3		0	1	QAL
100	96262-14	9/18/1996	96262-14	Lead	1920	11.4		0	1	QAL
100	96262-01	9/18/1996	96262-01	Lead	33.8	11.6		0	1	QAL
100	96277-29	10/3/1996	96277-29	Lead	80.9	11.4		0	1	QAL
100	96277-28	10/3/1996	96277-28	Lead	1100	14.1		0	1	QAL
100	96284-09	10/10/1996	96284-09	Lead	232	15.8		0	1	QAL
100	96327-02	11/22/1996	96327-02	Lead	249	11.5		0	1	QAL
100	96327-01	11/22/1996	96327-01	Lead	169	11.6		0	1	QAL
100	97076-01	3/17/1997	97076-01	Lead	197	11.2		0.3	0.5	QAL
100	97128-01	5/8/1997	97128-01	Lead	54.6	10.8		0	0.1	QAL
100	08101-PB-3	4/10/2008	PB-3	Lead	5.54	0.02		0	0.5	CAS
100	08102-PB-3-C-R1	4/11/2008	PB-3	Lead	11.1	0.02		0	0.5	CAS
100	08102-PB-3-C-R2	4/11/2008	PB-3	Lead	37.6	0.02		0	0.5	CAS
101	LC-614-SLA	11/30/1994	LC-614	Lead	0	50.0	U	0	1	ESD
102	LC-612-SLA	11/30/1994	LC-612	Lead	0	60.0	U	0	1	ESD
102	96325-RI-03	11/20/1996	96325-RI-03	Lead	20.5	11.4		0	1	QAL
103	LC-214-SLA	10/15/1994	LC-214	Lead	94.0	0		0	1	ESD
104	LC-210-SLA	10/15/1994	LC-210	Lead	34.0	0		0	1	ESD
104	LC-211-SLA	10/19/1994	LC-211	Lead	73.0	0		0	1	ESD
105	96141-NRA-06	5/20/1996	96141-NRA-06	Lead	40.1	5.48		0	1.5	TEG
105	96151-NRA-18C	5/30/1996	96151-NRA-18C	Lead	51.0	5.34		0.5	0.5	TEG
105	96165-NRA-32	6/13/1996	96165-NRA-32	Lead	95.9	5.48		0	1.5	TEG
106	97049-10	2/18/1997	97049-10	Lead	44.6	11.2		0.1	0.1	QAL
107	96213-14	7/31/1996	96213-14	Lead	374	11.6		0	0.1	QAL
107	96262-10	9/18/1996	96262-10	Lead	78.5	10.7		0	1	QAL
107	96263-02	9/19/1996	96263-02	Lead	205	11.5		0	1	QAL
107	96263-04	9/19/1996	96263-04	Lead	234	11.7		0	1	QAL
107	96277-16	10/3/1996	96277-16	Lead	305	11.7		0	1	QAL
107	96284-08	10/10/1996	96284-08	Lead	86.2	12.2		0	1	QAL
107	96304-05	10/30/1996	96304-05	Lead	46.2	10.9		0	1	QAL
107	96304-06	10/30/1996	96304-06	Lead	137	11.0		0	1	QAL
107	96304-01	10/30/1996	96304-01	Lead	246	11.3		0	1	QAL
107	97058-08	2/27/1997	97058-08	Lead	14.5	11.1		0	0.1	QAL
107	97071-NCA-19	3/12/1997	97071-NCA-19	Lead	97.2	10.3		0	1	QAL
107	97072-02	3/13/1997	97072-02	Lead	220	10.6		0	0.25	QAL
107	97072-01	3/13/1997	97072-01	Lead	501	11.3		0	0.25	QAL
107	97076-NCA-25	3/17/1997	97076-NCA-25	Lead	105	11.0		0.5	1	QAL
108	96213-16	7/31/1996	96213-16	Lead	198	10.5		0	0.1	QAL
108	96260-15	9/16/1996	96260-15	Lead	49.2	11.1		0	1	QAL
108	96261-15	9/17/1996	96261-15	Lead	218	10.6		0	1	QAL
108	96261-18	9/17/1996	96261-18	Lead	19.5	11.1		0	1	QAL
108	96261-20	9/17/1996	96261-20	Lead	189	11.3		0	1	QAL
108	96263-01	9/19/1996	96263-01	Lead	3000	11.6		0	0.5	QAL
108	96277-26	10/3/1996	96277-26	Lead	520	12.7		0	1	QAL
108	96277-27	10/3/1996	96277-27	Lead	876	13.9		0	1	QAL
108	96284-01	10/10/1996	96284-01	Lead	653	12.5		0	1	QAL
108	96284-03	10/10/1996	96284-03	Lead	347	13.8		0	0.5	QAL
108	96304-07	10/30/1996	96304-07	Lead	4430	11.8		0	1	QAL
108	96327-07	11/22/1996	96327-07	Lead	95.6	10.5		0	1	QAL
108	96327-04	11/22/1996	96327-04	Lead	176	11.1		0	1	QAL
108	96327-03	11/22/1996	96327-03	Lead	265	11.2		0	1	QAL
108	96327-08	11/22/1996	96327-08	Lead	239	11.3		0	1	QAL
108	96327-06	11/22/1996	96327-06	Lead	559	11.5		0	0.5	QAL
108	97128-02	5/8/1997	97128-02	Lead	51.0	10.4		0	0.1	QAL

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GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
109	LC-611-SLA	11/30/1994	LC-611	Lead	77.0	0		0	1	ESD
110	LC-216-SLA	10/17/1994	LC-216	Lead	110	0		0	1	ESD
110	96325-RI-05	11/20/1996	96325-RI-05	Lead	16.0	10.7		0	1	QAL
111	LC-609-SLA	11/30/1994	LC-609	Lead	0	30.0	U	0	1	ESD
111	96325-RI-01	11/20/1996	96325-RI-01	Lead	25.9	10.8		0	1	QAL
112	LC-212-SLA	10/19/1994	LC-212	Lead	65.0	0		0	1	ESD
113	950262-HA24-1	9/19/1995	HA-24	Lead	143	6.04		0	1	TEG
113	96165-NRA-29	6/13/1996	96165-NRA-29	Lead	0	5.83	U	0	1.5	TEG
114	950243-HA7-1	8/31/1995	HA-07	Lead	9.22	6.04		0	1	TEG
114	950243-HA6-1	8/31/1995	HA-06	Lead	37.2	6.04		0	1	TEG
114	950250-HA10-1	9/7/1995	HA-10	Lead	15.0	6.04		0	1	TEG
114	LC-201-SLA	10/17/1994	LC-201	Lead	190	0		0	1	ESD
114	96232-09	8/19/1996	96232-09	Lead	12.5	10.9		0	1	QAL
114	96232-03	8/19/1996	96232-03	Lead	27.2	10.9		0	1	QAL
114	96290-NRA-119	10/16/1996	96290-NRA-119	Lead	65.9	12.1		0	1.3	QAL
114	97020-NREA-30	1/20/1997	97020-NREA-30	Lead	98.7	11.7		0	2	QAL
114	97021-NREA-35	1/21/1997	97021-NREA-35	Lead	418	11.3		0.5	0.5	QAL
114	97021-NREA-36	1/21/1997	97021-NREA-36	Lead	366	11.5		0.5	0.5	QAL
114	97058-09	2/27/1997	97058-09	Lead	186	11.2		0	0.1	QAL
114	97066-01	3/7/1997	97066-01	Lead	299	10.9		0	0.1	QAL
114	97066-03	3/7/1997	97066-03	Lead	3650	11.4		0	0.1	QAL
114	97066-02	3/7/1997	97066-02	Lead	996	12.6		0	0.1	QAL
116	96213-15	7/31/1996	96213-15	Lead	124	10.3		0	0.1	QAL
116	96260-09	9/16/1996	96260-09	Lead	33.9	10.4		0	1	QAL
116	96260-05	9/16/1996	96260-05	Lead	26.3	10.8		0	1	QAL
116	96260-11	9/16/1996	96260-11	Lead	513	11.1		0	1	QAL
116	96260-07	9/16/1996	96260-07	Lead	67.2	11.2		0	1	QAL
116	96260-13	9/16/1996	96260-13	Lead	18.7	11.4		0	1	QAL
116	96267-01	9/23/1996	96267-01	Lead	105	11.0		0	1	QAL
116	96277-24	10/3/1996	96277-24	Lead	69.0	11.2		0	1	QAL
116	96319-NCA-05	11/14/1996	96319-NCA-05	Lead	29.0	11.0		0	1.5	QAL
116	96319-NCA-04	11/14/1996	96319-NCA-04	Lead	231	12.4		0	1.5	QAL
116	96327-11	11/22/1996	96327-11	Lead	218	11.1		0	1	QAL
116	96327-09	11/22/1996	96327-09	Lead	74.7	11.3		0	1	QAL
116	96327-10	11/22/1996	96327-10	Lead	122	11.5		0	1	QAL
116	97128-04	5/8/1997	97128-04	Lead	124	10.1		0	0.1	QAL
116	97128-03	5/8/1997	97128-03	Lead	104	11.9		0	0.1	QAL
117	LC-610-SLA	11/30/1994	LC-610	Lead	0	20.0	U	0	1	ESD
119	LC-608-SLA	11/30/1994	LC-608	Lead	0	50.0	U	0	1	ESD
119	08101-HG-1	4/10/2008	HG-1	Lead	20.3	0.02		0	0.5	CAS
119	08102-HG-1-C	4/11/2008	HG-1	Lead	43.8	0.02		0	0.5	CAS
119	09128-SL-8-0-2	5/8/2009	SL-8	Lead	11.6	0.05	*	0	2	CAS
122	950262-HA25-1	9/19/1995	HA-25	Lead	134	6.04		0	1	TEG
123	950262-HA26-1	9/19/1995	HA-26	Lead	355	6.04		0	1	TEG
123	642-SLA	11/29/1994	LC-642	Lead	16.1	0	S	0	0	Col
123	96200-NRA-56	7/18/1996	96200-NRA-56	Lead	102	10.5		0	1.5	QAL
123	96285-NRA-113	10/11/1996	96285-NRA-113	Lead	22.5	11.4		0.5	1	QAL
124	96298-01	10/24/1996	96298-01	Lead	71.5	10.9		0	1	QAL
124	96312-10	11/7/1996	96312-10	Lead	81.2	11.4		0	1	QAL
124	96312-12	11/7/1996	96312-12	Lead	207	11.9		0	1	QAL
124	96337-NRA-135	12/2/1996	96337-NRA-135	Lead	507	12.2		0	2	QAL
125	96277-18	10/3/1996	96277-18	Lead	91.6	11.0		0	1	QAL
125	96277-20	10/3/1996	96277-20	Lead	42.9	11.1		0	1	QAL
125	96296-08	10/22/1996	96296-08	Lead	24.8	11.3		0	1	QAL
125	96296-10	10/22/1996	96296-10	Lead	327	11.5		0	1	QAL
125	96319-NCA-06	11/14/1996	96319-NCA-06	Lead	132	10.7		0	1.25	QAL
127	97133-01	5/13/1997	97133-01	Lead	43.0	10.6		0	0.1	QAL
132	96200-NRA-55	7/18/1996	96200-NRA-55	Lead	119	10.4		0	1.5	QAL
132	96248-04	9/4/1996	96248-04	Lead	194	12.4		0	1	QAL

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GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
133	950276-HA28-1	10/3/1995	HA-28	Lead	256	6.04		0	1	TEG
133	96242-09	8/29/1996	96242-09	Lead	922	13.5		0	1	QAL
133	96242-08	8/29/1996	96242-08	Lead	1580	17.7		0	1	QAL
133	96242-07	8/29/1996	96242-07	Lead	832	17.8		0	1	QAL
136	LC-603-SLA	11/29/1994	LC-603	Lead	0	40.0	U	0	1	ESD
136	08101-LC-603	4/10/2008	LC-603	Lead	12.3	0.02		0	0.5	CAS
136	08102-LC-603-C-R3	4/11/2008	LC-603	Lead	22.5	0.02		0	0.5	CAS
136	08102-LC-603-C-R1	4/11/2008	LC-603	Lead	28.3	0.02		0	0.5	CAS
136	08102-LC-603-C-R2	4/11/2008	LC-603	Lead	34.6	0.02		0	0.5	CAS
136	10349-DIT-5_0-1	12/15/2010	DIT-5	Lead	34.9	0.007		0	1	CAS
136	10349-DIT-4_0-1	12/15/2010	DIT-4	Lead	40.2	0.008		0	1	CAS
137	LC-602-SLA	11/30/1994	LC-602	Lead	0	30.0	U	0	1	ESD
137	96330-RI-09	11/25/1996	96330-RI-09	Lead	46.8	10.6		0	1	QAL
145	10349-DIT-2_0-1	12/15/2010	DIT-2	Lead	7.84	0.008		0	1	CAS
145	10349-DIT-3_0-1	12/15/2010	DIT-3	Lead	63.4	0.009		0	1	CAS
150	LC-604-SLA	11/30/1994	LC-604	Lead	84.0	0		0	1	ESD
151	LC-601-SLA	11/30/1994	LC-601	Lead	0	30.0	U	0	1	ESD
151	08101-LC-601	4/10/2008	LC-601	Lead	10.4	0.02		0	0.5	CAS
151	08101-RI-15	4/10/2008	RI-15	Lead	58.1	0.02		0	0.5	CAS
151	08102-LC-601-C	4/11/2008	LC-601	Lead	44.8	0.02		0	0.5	CAS
152	96346-RI-15	12/11/1996	96346-RI-15	Lead	19.7	0.62		0	1	Cor
152	10349-DIT-1_0.1	12/15/2010	DIT-1	Lead	21.4	0.009		0	1	CAS

Table C-3
OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
1	96095-13	4/4/1996	96095-13	Aroclor-1254	0	4.21	U	0	1	TEG
1	96095-03	4/4/1996	96095-03	Aroclor-1254	0	4.31	U	0	1	TEG
1	96095-11	4/4/1996	96095-11	Aroclor-1254	0	4.35	U	0	1	TEG
1	96095-07	4/4/1996	96095-07	Aroclor-1254	0	4.36	U	0	1	TEG
1	96095-09	4/4/1996	96095-09	Aroclor-1254	0	4.60	U	0	1	TEG
1	96095-05	4/4/1996	96095-05	Aroclor-1254	0	4.71	U	0	1	TEG
1	96163-SRA-10	6/11/1996	96163-SRA-10	Aroclor-1254	0	2.22	U	0	1.5	TEG
1	09130-SL4-0-2	5/10/2009	SL-4	Aroclor-1254	0.015	0.002		0	2	CAS
1	96095-13	4/4/1996	96095-13	Aroclor-1260	0	4.21	U	0	1	TEG
1	96095-03	4/4/1996	96095-03	Aroclor-1260	0	4.31	U	0	1	TEG
1	96095-11	4/4/1996	96095-11	Aroclor-1260	0	4.35	U	0	1	TEG
1	96095-07	4/4/1996	96095-07	Aroclor-1260	0	4.36	U	0	1	TEG
1	96095-09	4/4/1996	96095-09	Aroclor-1260	0	4.60	U	0	1	TEG
1	96095-05	4/4/1996	96095-05	Aroclor-1260	0	4.71	U	0	1	TEG
1	96163-SRA-10	6/11/1996	96163-SRA-10	Aroclor-1260	0	2.22	U	0	1.5	TEG
1	09130-SL4-0-2	5/10/2009	SL-4	Aroclor-1260	0	0.002	U	0	2	CAS
1	96095-13	4/4/1996	96095-13	Aroclor-1268	0	4.21	U	0	1	TEG
1	96095-03	4/4/1996	96095-03	Aroclor-1268	0	4.31	U	0	1	TEG
1	96095-11	4/4/1996	96095-11	Aroclor-1268	0	4.35	U	0	1	TEG
1	96095-07	4/4/1996	96095-07	Aroclor-1268	0	4.36	U	0	1	TEG
1	96095-09	4/4/1996	96095-09	Aroclor-1268	0	4.60	U	0	1	TEG
1	96095-05	4/4/1996	96095-05	Aroclor-1268	0	4.71	U	0	1	TEG
1	96163-SRA-10	6/11/1996	96163-SRA-10	Aroclor-1268	2.22	2.22		0	1.5	TEG
1	09130-SL4-0-2	5/10/2009	SL-4	Aroclor-1268	1.00	0.021	D	0	2	CAS
2	96059-05	2/28/1996	96059-05	Aroclor-1254	0	2.10	U	0	1	TEG
2	96059-01	2/28/1996	96059-01	Aroclor-1254	0	2.11	U	0	1	TEG
2	96059-03	2/28/1996	96059-03	Aroclor-1254	0	2.11	U	0	1	TEG
2	96059-07	2/28/1996	96059-07	Aroclor-1254	0	2.17	U	0	1	TEG
2	96255-06	9/11/1996	96255-06	Aroclor-1254	0	2.22	U	0	1	QAL
2	96255-08	9/11/1996	96255-08	Aroclor-1254	0	2.24	U	0	1	QAL
2	96255-18	9/11/1996	96255-18	Aroclor-1254	0	2.26	U	0	1	QAL
2	96255-16	9/11/1996	96255-16	Aroclor-1254	0	2.31	U	0	1	QAL
2	96059-05	2/28/1996	96059-05	Aroclor-1260	0	2.10	U	0	1	TEG
2	96059-01	2/28/1996	96059-01	Aroclor-1260	0	2.11	U	0	1	TEG
2	96059-03	2/28/1996	96059-03	Aroclor-1260	0	2.11	U	0	1	TEG
2	96059-07	2/28/1996	96059-07	Aroclor-1260	0	2.17	U	0	1	TEG
2	96255-06	9/11/1996	96255-06	Aroclor-1260	0	2.22	U	0	1	QAL
2	96255-08	9/11/1996	96255-08	Aroclor-1260	0	2.24	U	0	1	QAL
2	96255-18	9/11/1996	96255-18	Aroclor-1260	0	2.26	U	0	1	QAL
2	96255-16	9/11/1996	96255-16	Aroclor-1260	0	2.31	U	0	1	QAL
2	96059-05	2/28/1996	96059-05	Aroclor-1268	0	2.10	U	0	1	TEG
2	96059-01	2/28/1996	96059-01	Aroclor-1268	0	2.11	U	0	1	TEG
2	96059-03	2/28/1996	96059-03	Aroclor-1268	0	2.11	U	0	1	TEG
2	96059-07	2/28/1996	96059-07	Aroclor-1268	0	2.17	U	0	1	TEG
2	96255-06	9/11/1996	96255-06	Aroclor-1268	0	2.22	U	0	1	QAL
2	96255-08	9/11/1996	96255-08	Aroclor-1268	0	2.24	U	0	1	QAL
2	96255-18	9/11/1996	96255-18	Aroclor-1268	0	2.26	U	0	1	QAL
2	96255-16	9/11/1996	96255-16	Aroclor-1268	0	2.31	U	0	1	QAL
3	96093-07	4/2/1996	96093-07	Aroclor-1254	0	2.25	U	0	1	TEG
3	96099-03	4/8/1996	96099-03	Aroclor-1254	0	2.13	U	0	1	TEG
3	96099-05	4/8/1996	96099-05	Aroclor-1254	0	2.16	U	0	1	TEG
3	96150-OST-06	5/29/1996	96150-OST-06	Aroclor-1254	0	2.05	U	0	1.5	TEG
3	97140-03	5/20/1997	97140-03	Aroclor-1254	0	2.08	U	0	0.1	QAL
3	09130-SL27-0-2	5/10/2009	SL-27	Aroclor-1254	0.004	0.002	J	0	2	CAS
3	96093-07	4/2/1996	96093-07	Aroclor-1260	0	2.25	U	0	1	TEG
3	96099-03	4/8/1996	96099-03	Aroclor-1260	0	2.13	U	0	1	TEG
3	96099-05	4/8/1996	96099-05	Aroclor-1260	0	2.16	U	0	1	TEG
3	96150-OST-06	5/29/1996	96150-OST-06	Aroclor-1260	0	2.05	U	0	1.5	TEG
3	97140-03	5/20/1997	97140-03	Aroclor-1260	0	2.08	U	0	0.1	QAL
3	09130-SL27-0-2	5/10/2009	SL-27	Aroclor-1260	0	0.002	U	0	2	CAS

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OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
3	96093-07	4/2/1996	96093-07	Aroclor-1268	0	2.25	U	0	1	TEG
3	96099-03	4/8/1996	96099-03	Aroclor-1268	0	2.13	U	0	1	TEG
3	96099-05	4/8/1996	96099-05	Aroclor-1268	0	2.16	U	0	1	TEG
3	96150-OST-06	5/29/1996	96150-OST-06	Aroclor-1268	0	2.05	U	0	1.5	TEG
3	97140-03	5/20/1997	97140-03	Aroclor-1268	0	2.08	U	0	0.1	QAL
3	09130-SL27-0-2	5/10/2009	SL-27	Aroclor-1268	0.079	0.002		0	2	CAS
6	96163-SRA-08	6/11/1996	96163-SRA-08	Aroclor-1254	0	2.12	U	0	1.5	TEG
6	96163-SRA-07	6/11/1996	96163-SRA-07	Aroclor-1254	0	2.19	U	0	2	TEG
6	98205-usc-02	7/24/1998	98205-USC-02	Aroclor-1254	0	2.01	U	0	0.1	QAL
6	98205-usc-04	7/24/1998	98205-USC-04	Aroclor-1254	0	2.02	U	0	0.1	QAL
6	98209-usc-07	7/28/1998	98209-USC-07	Aroclor-1254	0	2.15	U	0	0.1	QAL
6	98209-usc-06	7/28/1998	98209-USC-06	Aroclor-1254	0	2.17	U	0	0.1	QAL
6	96163-SRA-08	6/11/1996	96163-SRA-08	Aroclor-1260	0	2.12	U	0	1.5	TEG
6	96163-SRA-07	6/11/1996	96163-SRA-07	Aroclor-1260	0	2.19	U	0	2	TEG
6	98205-usc-02	7/24/1998	98205-USC-02	Aroclor-1260	0	2.01	U	0	0.1	QAL
6	98205-usc-04	7/24/1998	98205-USC-04	Aroclor-1260	0	2.02	U	0	0.1	QAL
6	98209-usc-07	7/28/1998	98209-USC-07	Aroclor-1260	0	2.15	U	0	0.1	QAL
6	98209-usc-06	7/28/1998	98209-USC-06	Aroclor-1260	0	2.17	U	0	0.1	QAL
6	96163-SRA-08	6/11/1996	96163-SRA-08	Aroclor-1268	0	2.12	U	0	1.5	TEG
6	96163-SRA-07	6/11/1996	96163-SRA-07	Aroclor-1268	0	2.19	U	0	2	TEG
6	98205-usc-02	7/24/1998	98205-USC-02	Aroclor-1268	1.76	2.01		0	0.1	QAL
6	98205-usc-04	7/24/1998	98205-USC-04	Aroclor-1268	1.70	2.02		0	0.1	QAL
6	98209-usc-07	7/28/1998	98209-USC-07	Aroclor-1268	0	2.15	U	0	0.1	QAL
6	98209-usc-06	7/28/1998	98209-USC-06	Aroclor-1268	0	2.17	U	0	0.1	QAL
7	LC-637-SLA	11/30/1994	LC-637	Aroclor-1254	0	0.036	U	0	1	ESD
7	96218-08	8/5/1996	96218-08	Aroclor-1254	0	2.19	U	0	1	QAL
7	96255-03	9/11/1996	96255-03	Aroclor-1254	0	2.12	U	0	1	QAL
7	96255-12	9/11/1996	96255-12	Aroclor-1254	0	2.31	U	0	1	QAL
7	97041-SRA-63	2/10/1997	97041-SRA-63	Aroclor-1254	0	2.25	U	0	2	QAL
7	97140-02	5/20/1997	97140-02	Aroclor-1254	0	2.11	U	0	0.1	QAL
7	98205-usc-01	7/24/1998	98205-USC-01	Aroclor-1254	0	2.01	U	0	0.1	QAL
7	98205-usc-03	7/24/1998	98205-USC-03	Aroclor-1254	0	2.01	U	0	0.1	QAL
7	98205-usc-05	7/24/1998	98205-USC-05	Aroclor-1254	0	2.01	U	0	0.1	QAL
7	LC-637-SLA	11/30/1994	LC-637	Aroclor-1260	0	0.036	U	0	1	ESD
7	96218-08	8/5/1996	96218-08	Aroclor-1260	0	2.19	U	0	1	QAL
7	96255-03	9/11/1996	96255-03	Aroclor-1260	0	2.12	U	0	1	QAL
7	96255-12	9/11/1996	96255-12	Aroclor-1260	0	2.31	U	0	1	QAL
7	97041-SRA-63	2/10/1997	97041-SRA-63	Aroclor-1260	0	2.25	U	0	2	QAL
7	97140-02	5/20/1997	97140-02	Aroclor-1260	0	2.11	U	0	0.1	QAL
7	98205-usc-01	7/24/1998	98205-USC-01	Aroclor-1260	0	2.01	U	0	0.1	QAL
7	98205-usc-03	7/24/1998	98205-USC-03	Aroclor-1260	0	2.01	U	0	0.1	QAL
7	98205-usc-05	7/24/1998	98205-USC-05	Aroclor-1260	0	2.01	U	0	0.1	QAL
7	96218-08	8/5/1996	96218-08	Aroclor-1268	0	2.19	U	0	1	QAL
7	96255-03	9/11/1996	96255-03	Aroclor-1268	0	2.12	U	0	1	QAL
7	96255-12	9/11/1996	96255-12	Aroclor-1268	0	2.31	U	0	1	QAL
7	97041-SRA-63	2/10/1997	97041-SRA-63	Aroclor-1268	0	2.25	U	0	2	QAL
7	97140-02	5/20/1997	97140-02	Aroclor-1268	2.70	2.11		0	0.1	QAL
7	98205-usc-05	7/24/1998	98205-USC-05	Aroclor-1268	0	2.01	U	0	0.1	QAL
7	98205-usc-01	7/24/1998	98205-USC-01	Aroclor-1268	1.37	2.01		0	0.1	QAL
7	98205-usc-03	7/24/1998	98205-USC-03	Aroclor-1268	9.51	2.01		0	0.1	QAL
8	96093-01	4/2/1996	96093-01	Aroclor-1254	0	2.18	U	0	1	TEG
8	96093-13	4/2/1996	96093-13	Aroclor-1254	0	2.19	U	0	1	TEG
8	96093-05	4/2/1996	96093-05	Aroclor-1254	0	2.22	U	0	1	TEG
8	96093-03	4/2/1996	96093-03	Aroclor-1254	0	2.23	U	0	1	TEG
8	96093-11	4/2/1996	96093-11	Aroclor-1254	0	2.29	U	0	1	TEG
8	96149-OST-03	5/28/1996	96149-OST-03	Aroclor-1254	0	2.04	U	0	1.5	TEG
8	96150-OST-04	5/29/1996	96150-OST-04	Aroclor-1254	0	2.02	U	0	1.5	TEG
8	96150-OST-05	5/29/1996	96150-OST-05	Aroclor-1254	0	2.02	U	0	1	TEG
8	96157-OST-09	6/5/1996	96157-OST-09	Aroclor-1254	0	2.08	U	0	1	TEG
8	950235-OST-19	8/23/1995	OST-19	Aroclor-1254	0	0.11	U	0	1	Pac

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GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
8	950235-OST-19	8/23/1995	OST-19	Aroclor-1254	0	2.42	U	0	1	Pac
8	96254-09	9/10/1996	96254-09	Aroclor-1254	0	2.25	U	0	1	QAL
8	96254-05	9/10/1996	96254-05	Aroclor-1254	0	2.27	U	0	1	QAL
8	96093-01	4/2/1996	96093-01	Aroclor-1260	0	2.18	U	0	1	TEG
8	96093-13	4/2/1996	96093-13	Aroclor-1260	0	2.19	U	0	1	TEG
8	96093-05	4/2/1996	96093-05	Aroclor-1260	0	2.22	U	0	1	TEG
8	96093-03	4/2/1996	96093-03	Aroclor-1260	0	2.23	U	0	1	TEG
8	96093-11	4/2/1996	96093-11	Aroclor-1260	0	2.29	U	0	1	TEG
8	96149-OST-03	5/28/1996	96149-OST-03	Aroclor-1260	0	2.04	U	0	1.5	TEG
8	96150-OST-04	5/29/1996	96150-OST-04	Aroclor-1260	0	2.02	U	0	1.5	TEG
8	96150-OST-05	5/29/1996	96150-OST-05	Aroclor-1260	0	2.02	U	0	1	TEG
8	96157-OST-09	6/5/1996	96157-OST-09	Aroclor-1260	0	2.08	U	0	1	TEG
8	950235-OST-19	8/23/1995	OST-19	Aroclor-1260	0	0.11	U	0	1	Pac
8	950235-OST-19	8/23/1995	OST-19	Aroclor-1260	0	2.42	U	0	1	Pac
8	96254-09	9/10/1996	96254-09	Aroclor-1260	0	2.25	U	0	1	QAL
8	96254-05	9/10/1996	96254-05	Aroclor-1260	0	2.27	U	0	1	QAL
8	96093-01	4/2/1996	96093-01	Aroclor-1268	0	2.18	U	0	1	TEG
8	96093-13	4/2/1996	96093-13	Aroclor-1268	0	2.19	U	0	1	TEG
8	96093-05	4/2/1996	96093-05	Aroclor-1268	0	2.22	U	0	1	TEG
8	96093-03	4/2/1996	96093-03	Aroclor-1268	0	2.23	U	0	1	TEG
8	96093-11	4/2/1996	96093-11	Aroclor-1268	0	2.29	U	0	1	TEG
8	96149-OST-03	5/28/1996	96149-OST-03	Aroclor-1268	0	2.04	U	0	1.5	TEG
8	96150-OST-04	5/29/1996	96150-OST-04	Aroclor-1268	0	2.02	U	0	1.5	TEG
8	96150-OST-05	5/29/1996	96150-OST-05	Aroclor-1268	0	2.02	U	0	1	TEG
8	96157-OST-09	6/5/1996	96157-OST-09	Aroclor-1268	0	2.08	U	0	1	TEG
8	950235-OST-19	8/23/1995	OST-19	Aroclor-1268	0	0.11	U	0	1	Pac
8	950235-OST-19	8/23/1995	OST-19	Aroclor-1268	0	2.42	U	0	1	Pac
8	96254-09	9/10/1996	96254-09	Aroclor-1268	0	2.25	U	0	1	QAL
8	96254-05	9/10/1996	96254-05	Aroclor-1268	0	2.27	U	0	1	QAL
9	950235-OST-16	8/23/1995	OST-16	Aroclor-1254	0	2.42	U	0	1	TEG
9	950235-OST-25	8/23/1995	OST-25	Aroclor-1254	0	2.42	U	0	1	TEG
9	950235-OST-28	8/23/1995	OST-28	Aroclor-1254	0	2.42	U	0	1	TEG
9	LC-635-SLA	12/1/1994	LC-635	Aroclor-1254	0	0.035	U	0	1	ESD
9	97140-04	5/20/1997	97140-04	Aroclor-1254	0	2.07	U	0	0.1	QAL
9	08101-PB-2	4/10/2008	PB-2	Aroclor-1254	0	0.019	U	0	0.5	CAS
9	08102-PB-2-C	4/11/2008	PB-2	Aroclor-1254	0	0.002	U	0	0.5	CAS
9	950235-OST-16	8/23/1995	OST-16	Aroclor-1260	0	2.42	U	0	1	TEG
9	950235-OST-25	8/23/1995	OST-25	Aroclor-1260	0	2.42	U	0	1	TEG
9	950235-OST-28	8/23/1995	OST-28	Aroclor-1260	0	2.42	U	0	1	TEG
9	LC-635-SLA	12/1/1994	LC-635	Aroclor-1260	0	0.035	U	0	1	ESD
9	97140-04	5/20/1997	97140-04	Aroclor-1260	0	2.07	U	0	0.1	QAL
9	08101-PB-2	4/10/2008	PB-2	Aroclor-1260	0	0.019	U	0	0.5	CAS
9	08102-PB-2-C	4/11/2008	PB-2	Aroclor-1260	0	0.057	Ui	0	0.5	CAS
9	950235-OST-16	8/23/1995	OST-16	Aroclor-1268	0	2.42	U	0	1	TEG
9	950235-OST-25	8/23/1995	OST-25	Aroclor-1268	0	2.42	U	0	1	TEG
9	950235-OST-28	8/23/1995	OST-28	Aroclor-1268	0	2.42	U	0	1	TEG
9	97140-04	5/20/1997	97140-04	Aroclor-1268	0	2.07	U	0	0.1	QAL
9	08101-PB-2	4/10/2008	PB-2	Aroclor-1268	1.50	0.019	D	0	0.5	CAS
9	08102-PB-2-C	4/11/2008	PB-2	Aroclor-1268	0.46	0.002		0	0.5	CAS
10	94343-06	12/9/1994	94343-06	Aroclor-1254	0	0.037	U	0	1	Eco
10	94344-03	12/10/1994	94344-03	Aroclor-1254	0	0.035	U	0	1	Eco
10	94344-01	12/10/1994	94344-01	Aroclor-1254	0	0.037	U	0	1	Eco
10	94344-05	12/10/1994	94344-05	Aroclor-1254	0	0.037	U	0	1	Eco
10	08101-AC-1	4/10/2008	AC-1	Aroclor-1254	0	0.002	U	0	0.5	CAS
10	08102-AC-1-C	4/11/2008	AC-1	Aroclor-1254	0	0.002	U	0	0.5	CAS
10	94343-06	12/9/1994	94343-06	Aroclor-1260	0	0.037	U	0	1	Eco
10	94344-03	12/10/1994	94344-03	Aroclor-1260	0	0.035	U	0	1	Eco
10	94344-01	12/10/1994	94344-01	Aroclor-1260	0	0.037	U	0	1	Eco
10	94344-05	12/10/1994	94344-05	Aroclor-1260	0	0.037	U	0	1	Eco
10	08101-AC-1	4/10/2008	AC-1	Aroclor-1260	0	0.061	Ui	0	0.5	CAS

Table C-3
OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
10	08102-AC-1-C	4/11/2008	AC-1	Aroclor-1260	0	0.034	Ui	0	0.5	CAS
10	94343-06	12/9/1994	94343-06	Aroclor-1268	0.13	0.037		0	1	Eco
10	94344-03	12/10/1994	94344-03	Aroclor-1268	0.042	0.035		0	1	Eco
10	94344-01	12/10/1994	94344-01	Aroclor-1268	0	0.037	U	0	1	Eco
10	94344-05	12/10/1994	94344-05	Aroclor-1268	0	0.037	U	0	1	Eco
10	08101-AC-1	4/10/2008	AC-1	Aroclor-1268	0.48	0.002		0	0.5	CAS
10	08102-AC-1-C	4/11/2008	AC-1	Aroclor-1268	0.35	0.002		0	0.5	CAS
13	96171-SRA-21	6/19/1996	96171-SRA-21	Aroclor-1254	0	2.39	U	0	1	QAL
13	96171-SRA-23	6/19/1996	96172-SRA-23	Aroclor-1254	0	2.47	U	0	1	QAL
13	96190-03	7/8/1996	96190-03	Aroclor-1254	0	2.07	U	0	0.1	QAL
13	96310-02	11/5/1996	96310-02	Aroclor-1254	0	2.16	U	0	0.5	QAL
13	96310-01	11/5/1996	96310-01	Aroclor-1254	0	2.19	U	0	0.5	QAL
13	97010-BM1-01	1/10/1997	97010-BM1-01	Aroclor-1254	0	2.24	U	0	1	QAL
13	98209-usc-11	7/28/1998	98209-USC-11	Aroclor-1254	0	2.21	U	0	0.1	QAL
13	96171-SRA-21	6/19/1996	96171-SRA-21	Aroclor-1260	0	2.39	U	0	1	QAL
13	96171-SRA-23	6/19/1996	96172-SRA-23	Aroclor-1260	0	2.47	U	0	1	QAL
13	96190-03	7/8/1996	96190-03	Aroclor-1260	0	2.07	U	0	0.1	QAL
13	96310-02	11/5/1996	96310-02	Aroclor-1260	0	2.16	U	0	0.5	QAL
13	96310-01	11/5/1996	96310-01	Aroclor-1260	0	2.19	U	0	0.5	QAL
13	97010-BM1-01	1/10/1997	97010-BM1-01	Aroclor-1260	0	2.24	U	0	1	QAL
13	98209-usc-11	7/28/1998	98209-USC-11	Aroclor-1260	0	2.21	U	0	0.1	QAL
13	96171-SRA-21	6/19/1996	96171-SRA-21	Aroclor-1268	0	2.39	U	0	1	QAL
13	96171-SRA-23	6/19/1996	96172-SRA-23	Aroclor-1268	0	2.47	U	0	1	QAL
13	96190-03	7/8/1996	96190-03	Aroclor-1268	0	2.07	U	0	0.1	QAL
13	96310-02	11/5/1996	96310-02	Aroclor-1268	0	2.16	U	0	0.5	QAL
13	96310-01	11/5/1996	96310-01	Aroclor-1268	0	2.19	U	0	0.5	QAL
13	97010-BM1-01	1/10/1997	97010-BM1-01	Aroclor-1268	0	2.24	U	0	1	QAL
13	98209-usc-11	7/28/1998	98209-USC-11	Aroclor-1268	0	2.21	U	0	0.1	QAL
14	96214-07	8/1/1996	96214-07	Aroclor-1254	0	2.08	U	0	1	QAL
14	96218-01	8/5/1996	96218-01	Aroclor-1254	0	2.11	U	0	1	QAL
14	97135-05	5/15/1997	97135-05	Aroclor-1254	0	2.09	U	0	0.1	QAL
14	97140-SRA-146	5/20/1997	97140-SRA-146	Aroclor-1254	0	2.06	U	0.5	1	QAL
14	97141-SRA-147	5/21/1997	97141-SRA-147	Aroclor-1254	0	2.09	U	0.5	1.5	QAL
14	97143-SRA-148	5/23/1997	97143-SRA-148	Aroclor-1254	0	2.05	U	0	0.1	QAL
14	97147-SRA-149	5/27/1997	97147-SRA-149	Aroclor-1254	0	0.034	U	0.5	1	Sav
14	98209-usc-09	7/28/1998	98209-USC-09	Aroclor-1254	0	2.18	U	0	0.1	QAL
14	98209-usc-10	7/28/1998	98209-USC-10	Aroclor-1254	0	2.19	U	0	0.1	QAL
14	99049-USC-14	2/18/1999	99049-usc-14	Aroclor-1254	0	0.018	U	0	0.2	KEM
14	09130-SL30-0-2	5/10/2009	SL-30	Aroclor-1254	0	0.15	Ui	0	2	CAS
14	96214-07	8/1/1996	96214-07	Aroclor-1260	0	2.08	U	0	1	QAL
14	96218-01	8/5/1996	96218-01	Aroclor-1260	0	2.11	U	0	1	QAL
14	97135-05	5/15/1997	97135-05	Aroclor-1260	0	2.09	U	0	0.1	QAL
14	97140-SRA-146	5/20/1997	97140-SRA-146	Aroclor-1260	0	2.06	U	0.5	1	QAL
14	97141-SRA-147	5/21/1997	97141-SRA-147	Aroclor-1260	0	2.09	U	0.5	1.5	QAL
14	97143-SRA-148	5/23/1997	97143-SRA-148	Aroclor-1260	0	2.05	U	0	0.1	QAL
14	97147-SRA-149	5/27/1997	97147-SRA-149	Aroclor-1260	0	0.034	U	0.5	1	Sav
14	98209-usc-09	7/28/1998	98209-USC-09	Aroclor-1260	0	2.18	U	0	0.1	QAL
14	98209-usc-10	7/28/1998	98209-USC-10	Aroclor-1260	0	2.19	U	0	0.1	QAL
14	99049-USC-14	2/18/1999	99049-usc-14	Aroclor-1260	0	0.018	U	0	0.2	KEM
14	09130-SL30-0-2	5/10/2009	SL-30	Aroclor-1260	0	0.087	Ui	0	2	CAS
14	96214-07	8/1/1996	96214-07	Aroclor-1268	3.11	2.08		0	1	QAL
14	96218-01	8/5/1996	96218-01	Aroclor-1268	0	2.11	U	0	1	QAL
14	97135-05	5/15/1997	97135-05	Aroclor-1268	0	2.09	U	0	0.1	QAL
14	97140-SRA-146	5/20/1997	97140-SRA-146	Aroclor-1268	0	2.06	U	0.5	1	QAL
14	97141-SRA-147	5/21/1997	97141-SRA-147	Aroclor-1268	0	2.09	U	0.5	1.5	QAL
14	97143-SRA-148	5/23/1997	97143-SRA-148	Aroclor-1268	0	2.05	U	0	0.1	QAL
14	97147-SRA-149	5/27/1997	97147-SRA-149	Aroclor-1268	0.37	0.034		0.5	1	Sav
14	98209-usc-09	7/28/1998	98209-USC-09	Aroclor-1268	0	2.18	U	0	0.1	QAL
14	98209-usc-10	7/28/1998	98209-USC-10	Aroclor-1268	0	2.19	U	0	0.1	QAL
14	99049-USC-14	2/18/1999	99049-usc-14	Aroclor-1268	0.90	0.090	D	0	0.2	KEM

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GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
14	09130-SL30-0-2	5/10/2009	SL-30	Aroclor-1268	1.20	0.021	D	0	2	CAS
15	950235-OST-13	8/23/1995	OST-13	Aroclor-1254	0	2.42	U	0	1	TEG
15	LC-638-SLA	11/30/1994	LC-638	Aroclor-1254	0	0.035	U	0	1	ESD
15	96218-06	8/5/1996	96218-06	Aroclor-1254	0	2.08	U	0	1	QAL
15	96218-03	8/5/1996	96218-03	Aroclor-1254	0	2.13	U	0	1	QAL
15	96234-06	8/21/1996	96234-06	Aroclor-1254	0	2.07	U	0	1	QAL
15	96234-09	8/21/1996	96234-09	Aroclor-1254	0	2.29	U	0	1	QAL
15	97013-01	1/13/1997	97013-01	Aroclor-1254	0	2.13	U	0.5	1	QAL
15	950235-OST-13	8/23/1995	OST-13	Aroclor-1260	0	2.42	U	0	1	TEG
15	LC-638-SLA	11/30/1994	LC-638	Aroclor-1260	0	0.035	U	0	1	ESD
15	96218-06	8/5/1996	96218-06	Aroclor-1260	0	2.08	U	0	1	QAL
15	96218-03	8/5/1996	96218-03	Aroclor-1260	0	2.13	U	0	1	QAL
15	96234-06	8/21/1996	96234-06	Aroclor-1260	0	2.07	U	0	1	QAL
15	96234-09	8/21/1996	96234-09	Aroclor-1260	0	2.29	U	0	1	QAL
15	97013-01	1/13/1997	97013-01	Aroclor-1260	0	2.13	U	0.5	1	QAL
15	950235-OST-13	8/23/1995	OST-13	Aroclor-1268	0	2.42	U	0	1	TEG
15	96218-06	8/5/1996	96218-06	Aroclor-1268	0	2.08	U	0	1	QAL
15	96218-03	8/5/1996	96218-03	Aroclor-1268	0	2.13	U	0	1	QAL
15	96234-06	8/21/1996	96234-06	Aroclor-1268	0	2.07	U	0	1	QAL
15	96234-09	8/21/1996	96234-09	Aroclor-1268	0	2.29	U	0	1	QAL
15	97013-01	1/13/1997	97013-01	Aroclor-1268	0	2.13	U	0.5	1	QAL
16	950038-11	2/8/1995	950038-11	Aroclor-1254	0	1.21	U	0	1	TEG
16	950039-09	2/8/1995	950039-09	Aroclor-1254	0	2.42	U	0	1	TEG
16	950039-12	2/8/1995	950039-12	Aroclor-1254	0	2.42	U	0	1	TEG
16	950039-13	2/8/1995	950039-13	Aroclor-1254	0	2.42	U	0	1	TEG
16	950234-OST-10	8/22/1995	OST-10	Aroclor-1254	0	2.42	U	0	1	TEG
16	950235-OST-34	8/23/1995	OST-34	Aroclor-1254	0	2.42	U	0	1	TEG
16	950235-OST-37	8/23/1995	OST-37	Aroclor-1254	0	2.42	U	0	1	TEG
16	LC-634-SLA	12/1/1994	LC-634	Aroclor-1254	0	0.035	U	0	1	ESD
16	94341-06	12/7/1994	94341-06	Aroclor-1254	0	0.039	U	0	1	Eco
16	950039-15	2/8/1995	950039-15	Aroclor-1254	0	0.038	U	0	1	Eco
16	950039-15	2/8/1995	950039-15	Aroclor-1254	0	2.42	U	0	1	Eco
16	950235-OST-31	8/23/1995	OST-31	Aroclor-1254	0	0.11	U	0	1	Pac
16	950235-OST-31	8/23/1995	OST-31	Aroclor-1254	0	2.42	U	0	1	Pac
16	96255-23	9/11/1996	96255-23	Aroclor-1254	0	2.15	U	0	1	QAL
16	96255-21	9/11/1996	96255-21	Aroclor-1254	0	2.39	U	0	1	QAL
16	97140-05	5/20/1997	97140-05	Aroclor-1254	0	2.06	U	0	0.1	QAL
16	98279-BMA-13	10/6/1998	98279-BMA-13	Aroclor-1254	0	2.24	U	0	0.25	QAL
16	950038-11	2/8/1995	950038-11	Aroclor-1260	0	1.21	U	0	1	TEG
16	950039-09	2/8/1995	950039-09	Aroclor-1260	0	2.42	U	0	1	TEG
16	950039-12	2/8/1995	950039-12	Aroclor-1260	0	2.42	U	0	1	TEG
16	950039-13	2/8/1995	950039-13	Aroclor-1260	0	2.42	U	0	1	TEG
16	950234-OST-10	8/22/1995	OST-10	Aroclor-1260	0	2.42	U	0	1	TEG
16	950235-OST-34	8/23/1995	OST-34	Aroclor-1260	0	2.42	U	0	1	TEG
16	950235-OST-37	8/23/1995	OST-37	Aroclor-1260	0	2.42	U	0	1	TEG
16	LC-634-SLA	12/1/1994	LC-634	Aroclor-1260	0	0.035	U	0	1	ESD
16	94341-06	12/7/1994	94341-06	Aroclor-1260	0	0.039	U	0	1	Eco
16	950039-15	2/8/1995	950039-15	Aroclor-1260	0	0.038	U	0	1	Eco
16	950039-15	2/8/1995	950039-15	Aroclor-1260	0	2.42	U	0	1	Eco
16	950235-OST-31	8/23/1995	OST-31	Aroclor-1260	0	0.11	U	0	1	Pac
16	950235-OST-31	8/23/1995	OST-31	Aroclor-1260	0	2.42	U	0	1	Pac
16	96255-23	9/11/1996	96255-23	Aroclor-1260	0	2.15	U	0	1	QAL
16	96255-21	9/11/1996	96255-21	Aroclor-1260	0	2.39	U	0	1	QAL
16	97140-05	5/20/1997	97140-05	Aroclor-1260	0	2.06	U	0	0.1	QAL
16	98279-BMA-13	10/6/1998	98279-BMA-13	Aroclor-1260	0	2.24	U	0	0.25	QAL
16	950039-12	2/8/1995	950039-12	Aroclor-1268	4.57	0.12		0	1	TEG
16	950038-11	2/8/1995	950038-11	Aroclor-1268	0	1.21	U	0	1	TEG
16	950039-09	2/8/1995	950039-09	Aroclor-1268	0	2.42	U	0	1	TEG
16	950039-13	2/8/1995	950039-13	Aroclor-1268	0	2.42	U	0	1	TEG
16	950234-OST-10	8/22/1995	OST-10	Aroclor-1268	0	2.42	U	0	1	TEG

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GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
16	950235-OST-34	8/23/1995	OST-34	Aroclor-1268	0	2.42	U	0	1	TEG
16	950235-OST-37	8/23/1995	OST-37	Aroclor-1268	0	2.42	U	0	1	TEG
16	94341-06	12/7/1994	94341-06	Aroclor-1268	0	0.039	U	0	1	Eco
16	950039-15	2/8/1995	950039-15	Aroclor-1268	0	0.038	U	0	1	Eco
16	950039-15	2/8/1995	950039-15	Aroclor-1268	0	2.42	U	0	1	Eco
16	950235-OST-31	8/23/1995	OST-31	Aroclor-1268	0.20	0.11	U	0	1	Pac
16	950235-OST-31	8/23/1995	OST-31	Aroclor-1268	0	2.42	U	0	1	Pac
16	96255-23	9/11/1996	96255-23	Aroclor-1268	0	2.15	U	0	1	QAL
16	96255-21	9/11/1996	96255-21	Aroclor-1268	0	2.39	U	0	1	QAL
16	97140-05	5/20/1997	97140-05	Aroclor-1268	0	2.06	U	0	0.1	QAL
16	98279-BMA-13	10/6/1998	98279-BMA-13	Aroclor-1268	0	2.24	U	0	0.25	QAL
17	950038-09	2/7/1995	950038-09	Aroclor-1254	0	0.12	U	0	1	TEG
17	950039-01	2/8/1995	950039-01	Aroclor-1254	0	0.12	U	0	1	TEG
17	950039-03	2/8/1995	950039-03	Aroclor-1254	0	0.12	U	0	1	TEG
17	950039-05	2/8/1995	950039-05	Aroclor-1254	0	0.12	U	0	1	TEG
17	950039-07	2/8/1995	950039-07	Aroclor-1254	0	0.12	U	0	1	TEG
17	950333-65	11/29/1995	TP-B4	Aroclor-1254	0	2.20	U	0.8	0.8	TEG
17	950333-64	11/29/1995	TP-B4	Aroclor-1254	0	2.24	U	0.5	0.5	TEG
17	950334-69	11/30/1995	TP-B9	Aroclor-1254	0	2.12	U	0.8	0.8	TEG
17	950334-56	11/30/1995	TP-B6	Aroclor-1254	0	2.16	U	0.8	0.8	TEG
17	950334-70	11/30/1995	TP-B9	Aroclor-1254	0	2.16	U	0.8	0.8	TEG
17	950334-51	11/30/1995	TP-B5	Aroclor-1254	0	2.17	U	0.5	0.5	TEG
17	950334-55	11/30/1995	TP-B6	Aroclor-1254	0	2.17	U	0.5	0.5	TEG
17	950334-64	11/30/1995	TP-B8	Aroclor-1254	0	2.17	U	0.5	0.5	TEG
17	950334-52	11/30/1995	TP-B5	Aroclor-1254	0	2.18	U	0.8	0.8	TEG
17	950334-65	11/30/1995	TP-B8	Aroclor-1254	0	2.20	U	0.8	0.8	TEG
17	950334-60	11/30/1995	TP-B7	Aroclor-1254	0	2.59	U	0.5	0.5	TEG
17	94343-08	12/9/1994	94343-08	Aroclor-1254	0	0.036	U	0	1	Eco
17	94344-07	12/10/1994	94344-07	Aroclor-1254	0	0.036	U	0	1	Eco
17	98064-BMA-02	3/5/1998	98064-BMA-02	Aroclor-1254	0	2.28	U	0.5	1	QAL
17	98064-BMA-01	3/5/1998	98064-BMA-01	Aroclor-1254	0	2.31	U	0.5	1	QAL
17	98064-BMA-06	3/5/1998	98064-BMA-06	Aroclor-1254	0	2.32	U	0.5	1	QAL
17	98064-BMA-07	3/5/1998	98064-BMA-07	Aroclor-1254	0	2.35	U	0.5	1	QAL
17	98071-BMA-11	3/12/1998	98071-BMA-11	Aroclor-1254	0	2.51	U	0.5	1	QAL
17	98071-BMA-10	3/12/1998	98071-BMA-10	Aroclor-1254	0	2.67	U	0.5	1	QAL
17	98075-BMA-12	3/16/1998	98075-BMA-12	Aroclor-1254	0	2.22	U	0	0	QAL
17	950038-09	2/7/1995	950038-09	Aroclor-1260	0	0.12	U	0	1	TEG
17	950039-01	2/8/1995	950039-01	Aroclor-1260	0	0.12	U	0	1	TEG
17	950039-03	2/8/1995	950039-03	Aroclor-1260	0	0.12	U	0	1	TEG
17	950039-05	2/8/1995	950039-05	Aroclor-1260	0	0.12	U	0	1	TEG
17	950039-07	2/8/1995	950039-07	Aroclor-1260	0	0.12	U	0	1	TEG
17	950333-65	11/29/1995	TP-B4	Aroclor-1260	0	2.20	U	0.8	0.8	TEG
17	950333-64	11/29/1995	TP-B4	Aroclor-1260	0	2.24	U	0.5	0.5	TEG
17	950334-69	11/30/1995	TP-B9	Aroclor-1260	0	2.12	U	0.8	0.8	TEG
17	950334-56	11/30/1995	TP-B6	Aroclor-1260	0	2.16	U	0.8	0.8	TEG
17	950334-70	11/30/1995	TP-B9	Aroclor-1260	0	2.16	U	0.8	0.8	TEG
17	950334-51	11/30/1995	TP-B5	Aroclor-1260	0	2.17	U	0.5	0.5	TEG
17	950334-55	11/30/1995	TP-B6	Aroclor-1260	0	2.17	U	0.5	0.5	TEG
17	950334-64	11/30/1995	TP-B8	Aroclor-1260	0	2.17	U	0.5	0.5	TEG
17	950334-52	11/30/1995	TP-B5	Aroclor-1260	0	2.18	U	0.8	0.8	TEG
17	950334-65	11/30/1995	TP-B8	Aroclor-1260	0	2.20	U	0.8	0.8	TEG
17	950334-60	11/30/1995	TP-B7	Aroclor-1260	0	2.59	U	0.5	0.5	TEG
17	94343-08	12/9/1994	94343-08	Aroclor-1260	0	0.036	U	0	1	Eco
17	94344-07	12/10/1994	94344-07	Aroclor-1260	0	0.036	U	0	1	Eco
17	98064-BMA-02	3/5/1998	98064-BMA-02	Aroclor-1260	0	2.28	U	0.5	1	QAL
17	98064-BMA-01	3/5/1998	98064-BMA-01	Aroclor-1260	0	2.31	U	0.5	1	QAL
17	98064-BMA-06	3/5/1998	98064-BMA-06	Aroclor-1260	0	2.32	U	0.5	1	QAL
17	98064-BMA-07	3/5/1998	98064-BMA-07	Aroclor-1260	0	2.35	U	0.5	1	QAL
17	98071-BMA-11	3/12/1998	98071-BMA-11	Aroclor-1260	0	2.51	U	0.5	1	QAL
17	98071-BMA-10	3/12/1998	98071-BMA-10	Aroclor-1260	0	2.67	U	0.5	1	QAL

Table C-3
OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
17	98075-BMA-12	3/16/1998	98075-BMA-12	Aroclor-1260	0	2.22	U	0	0	QAL
17	950038-09	2/7/1995	950038-09	Aroclor-1268	0	0.12	U	0	1	TEG
17	950039-01	2/8/1995	950039-01	Aroclor-1268	0	0.12	U	0	1	TEG
17	950039-03	2/8/1995	950039-03	Aroclor-1268	0	0.12	U	0	1	TEG
17	950039-05	2/8/1995	950039-05	Aroclor-1268	0	0.12	U	0	1	TEG
17	950039-07	2/8/1995	950039-07	Aroclor-1268	0	0.12	U	0	1	TEG
17	950333-65	11/29/1995	TP-B4	Aroclor-1268	0	2.20	U	0.8	0.8	TEG
17	950333-64	11/29/1995	TP-B4	Aroclor-1268	0	2.24	U	0.5	0.5	TEG
17	950334-69	11/30/1995	TP-B9	Aroclor-1268	0	2.12	U	0.8	0.8	TEG
17	950334-56	11/30/1995	TP-B6	Aroclor-1268	0	2.16	U	0.8	0.8	TEG
17	950334-70	11/30/1995	TP-B9	Aroclor-1268	0	2.16	U	0.8	0.8	TEG
17	950334-51	11/30/1995	TP-B5	Aroclor-1268	0	2.17	U	0.5	0.5	TEG
17	950334-55	11/30/1995	TP-B6	Aroclor-1268	0	2.17	U	0.5	0.5	TEG
17	950334-64	11/30/1995	TP-B8	Aroclor-1268	0	2.17	U	0.5	0.5	TEG
17	950334-52	11/30/1995	TP-B5	Aroclor-1268	0	2.18	U	0.8	0.8	TEG
17	950334-65	11/30/1995	TP-B8	Aroclor-1268	0	2.20	U	0.8	0.8	TEG
17	950334-60	11/30/1995	TP-B7	Aroclor-1268	0	2.59	U	0.5	0.5	TEG
17	94343-08	12/9/1994	94343-08	Aroclor-1268	0	0.036	U	0	1	Eco
17	94344-07	12/10/1994	94344-07	Aroclor-1268	0.062	0.036		0	1	Eco
17	98064-BMA-02	3/5/1998	98064-BMA-02	Aroclor-1268	0	2.28	U	0.5	1	QAL
17	98064-BMA-01	3/5/1998	98064-BMA-01	Aroclor-1268	0	2.31	U	0.5	1	QAL
17	98064-BMA-06	3/5/1998	98064-BMA-06	Aroclor-1268	0	2.32	U	0.5	1	QAL
17	98064-BMA-07	3/5/1998	98064-BMA-07	Aroclor-1268	0	2.35	U	0.5	1	QAL
17	98071-BMA-11	3/12/1998	98071-BMA-11	Aroclor-1268	0	2.51	U	0.5	1	QAL
17	98071-BMA-10	3/12/1998	98071-BMA-10	Aroclor-1268	0	2.67	U	0.5	1	QAL
17	98075-BMA-12	3/16/1998	98075-BMA-12	Aroclor-1268	0	2.22	U	0	0	QAL
18	94344-12	12/10/1994	94344-12	Aroclor-1254	0	0.035	U	0	1	Eco
18	94344-10	12/10/1994	94344-10	Aroclor-1254	0	0.035	U	0	1	Eco
18	94344-12	12/10/1994	94344-12	Aroclor-1260	0	0.035	U	0	1	Eco
18	94344-10	12/10/1994	94344-10	Aroclor-1260	0	0.035	U	0	1	Eco
18	94344-12	12/10/1994	94344-12	Aroclor-1268	0	0.035	U	0	1	Eco
18	94344-10	12/10/1994	94344-10	Aroclor-1268	0	0.035	U	0	1	Eco
21	94201-02	7/20/1994	94201-02	Aroclor-1254	0	0.20	U	0	1	Eco
21	96190-05	7/8/1996	96190-05	Aroclor-1254	0	2.13	U	0	0.1	QAL
21	96262-21	9/18/1996	96262-21	Aroclor-1254	0	2.18	U	0.5	0.5	QAL
21	96310-03	11/5/1996	96310-03	Aroclor-1254	0	2.18	U	0	0.5	QAL
21	09130-SL22-0-2	5/10/2009	SL-22	Aroclor-1254	0.003	0.002	J	0	2	CAS
21	94201-02	7/20/1994	94201-02	Aroclor-1260	0	0.20	U	0	1	Eco
21	96190-05	7/8/1996	96190-05	Aroclor-1260	0	2.13	U	0	0.1	QAL
21	96262-21	9/18/1996	96262-21	Aroclor-1260	0	2.18	U	0.5	0.5	QAL
21	96310-03	11/5/1996	96310-03	Aroclor-1260	0	2.18	U	0	0.5	QAL
21	09130-SL22-0-2	5/10/2009	SL-22	Aroclor-1260	0	0.002	U	0	2	CAS
21	94201-02	7/20/1994	94201-02	Aroclor-1268	3.02	0.10		0	1	Eco
21	96190-05	7/8/1996	96190-05	Aroclor-1268	3.00	2.13		0	0.1	QAL
21	96262-21	9/18/1996	96262-21	Aroclor-1268	0	2.18	U	0.5	0.5	QAL
21	96310-03	11/5/1996	96310-03	Aroclor-1268	0	2.18	U	0	0.5	QAL
21	09130-SL22-0-2	5/10/2009	SL-22	Aroclor-1268	0.090	0.002		0	2	CAS
23	96214-03	8/1/1996	96214-03	Aroclor-1254	0	2.07	U	0	1	QAL
23	96214-01	8/1/1996	96214-01	Aroclor-1254	0	2.11	U	0	1	QAL
23	96214-05	8/1/1996	96214-05	Aroclor-1254	0	2.15	U	0	1	QAL
23	97125-BM3-09	5/5/1997	97125-BM3-09	Aroclor-1254	0	2.06	U	0.5	0.5	QAL
23	97135-04	5/15/1997	97135-04	Aroclor-1254	0	2.07	U	0	0.1	QAL
23	09129-SL3-0-2	5/9/2009	SL-3	Aroclor-1254	0.057	0.012		0	2	CAS
23	96214-03	8/1/1996	96214-03	Aroclor-1260	0	2.07	U	0	1	QAL
23	96214-01	8/1/1996	96214-01	Aroclor-1260	0	2.11	U	0	1	QAL
23	96214-05	8/1/1996	96214-05	Aroclor-1260	0	2.15	U	0	1	QAL
23	97125-BM3-09	5/5/1997	97125-BM3-09	Aroclor-1260	0	2.06	U	0.5	0.5	QAL
23	97135-04	5/15/1997	97135-04	Aroclor-1260	0	2.07	U	0	0.1	QAL
23	09129-SL3-0-2	5/9/2009	SL-3	Aroclor-1260	0	0.012	U	0	2	CAS
23	96214-03	8/1/1996	96214-03	Aroclor-1268	0	2.07	U	0	1	QAL

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OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
23	96214-01	8/1/1996	96214-01	Aroclor-1268	0	2.11	U	0	1	QAL
23	96214-05	8/1/1996	96214-05	Aroclor-1268	0	2.15	U	0	1	QAL
23	97125-BM3-09	5/5/1997	97125-BM3-09	Aroclor-1268	2.30	2.06		0.5	0.5	QAL
23	97135-04	5/15/1997	97135-04	Aroclor-1268	0	2.07	U	0	0.1	QAL
23	09129-SL3-0-2	5/9/2009	SL-3	Aroclor-1268	1.10	0.012		0	2	CAS
24	950234-OST-7	8/22/1995	OST-07	Aroclor-1254	0	2.42	U	0	1	TEG
24	950240-OST-40	8/28/1995	OST-40	Aroclor-1254	0	2.42	U	0	1	TEG
24	950240-OST-43	8/28/1995	OST-43	Aroclor-1254	0	2.42	U	0	1	TEG
24	LC-639-SLA	11/30/1994	LC-639	Aroclor-1254	6.90	0		0	1	ESD
24	94341-08	12/7/1994	94341-08	Aroclor-1254	0.39	0.039		0	1	Eco
24	96256-03	9/12/1996	96256-03	Aroclor-1254	0	2.24	U	0	1	QAL
24	96256-01	9/12/1996	96256-01	Aroclor-1254	0	2.34	U	0	1	QAL
24	97121-OST-19	5/1/1997	97121-OST-19	Aroclor-1254	0	2.16	U	0	1.5	QAL
24	97121-OST-21	5/1/1997	97121-OST-21	Aroclor-1254	0	2.28	U	0	1.5	QAL
24	97121-OST-18	5/1/1997	97121-OST-18	Aroclor-1254	0	2.30	U	0	1.5	QAL
24	97122-OST-26	5/2/1997	97122-OST-26	Aroclor-1254	0	2.28	U	0	1.5	QAL
24	950234-OST-7	8/22/1995	OST-07	Aroclor-1260	0	2.42	U	0	1	TEG
24	950240-OST-40	8/28/1995	OST-40	Aroclor-1260	0	2.42	U	0	1	TEG
24	950240-OST-43	8/28/1995	OST-43	Aroclor-1260	0	2.42	U	0	1	TEG
24	LC-639-SLA	11/30/1994	LC-639	Aroclor-1260	160	0		0	1	ESD
24	94341-08	12/7/1994	94341-08	Aroclor-1260	0	0.039	U	0	1	Eco
24	96256-03	9/12/1996	96256-03	Aroclor-1260	0	2.24	U	0	1	QAL
24	96256-01	9/12/1996	96256-01	Aroclor-1260	0	2.34	U	0	1	QAL
24	97121-OST-19	5/1/1997	97121-OST-19	Aroclor-1260	0	2.16	U	0	1.5	QAL
24	97121-OST-21	5/1/1997	97121-OST-21	Aroclor-1260	0	2.28	U	0	1.5	QAL
24	97121-OST-18	5/1/1997	97121-OST-18	Aroclor-1260	0	2.30	U	0	1.5	QAL
24	97122-OST-26	5/2/1997	97122-OST-26	Aroclor-1260	0	2.28	U	0	1.5	QAL
24	950234-OST-7	8/22/1995	OST-07	Aroclor-1268	0	2.42	U	0	1	TEG
24	950240-OST-40	8/28/1995	OST-40	Aroclor-1268	0	2.42	U	0	1	TEG
24	950240-OST-43	8/28/1995	OST-43	Aroclor-1268	0	2.42	U	0	1	TEG
24	94341-08	12/7/1994	94341-08	Aroclor-1268	0.40	0.039		0	1	Eco
24	96256-03	9/12/1996	96256-03	Aroclor-1268	0	2.24	U	0	1	QAL
24	96256-01	9/12/1996	96256-01	Aroclor-1268	0	2.34	U	0	1	QAL
24	97121-OST-19	5/1/1997	97121-OST-19	Aroclor-1268	0	2.16	U	0	1.5	QAL
24	97121-OST-21	5/1/1997	97121-OST-21	Aroclor-1268	0	2.28	U	0	1.5	QAL
24	97121-OST-18	5/1/1997	97121-OST-18	Aroclor-1268	0	2.30	U	0	1.5	QAL
24	97122-OST-26	5/2/1997	97122-OST-26	Aroclor-1268	5.90	2.28		0	1.5	QAL
25	950047-10	2/16/1995	950047-10	Aroclor-1254	6.76	2.42		0	1	TEG
25	950051-18	2/20/1995	950051-18	Aroclor-1254	0	2.42	U	0	1	TEG
25	950333-56	11/29/1995	TP-B2	Aroclor-1254	0	2.08	U	0.8	0.8	TEG
25	950333-60	11/29/1995	TP-B3	Aroclor-1254	0	2.12	U	0.5	0.5	TEG
25	950333-61	11/29/1995	TP-B3	Aroclor-1254	0	2.14	U	0.8	0.8	TEG
25	950333-52	11/29/1995	TP-B1	Aroclor-1254	0	2.25	U	0.8	0.8	TEG
25	950333-55	11/29/1995	TP-B2	Aroclor-1254	0	2.36	U	0.5	0.5	TEG
25	950333-51	11/29/1995	TP-B1	Aroclor-1254	0	2.85	U	0.5	0.5	TEG
25	94342-19	12/8/1994	94342-19	Aroclor-1254	1.07	0.081		0	1	Eco
25	94343-11	12/9/1994	94343-11	Aroclor-1254	0	0.042	U	0	1	Eco
25	96169-M50	6/17/1996	96169-M50	Aroclor-1254	0	2.14	U	0.5	1	QAL
25	96169-M50	6/17/1996	96169-M50	Aroclor-1254	0	2.15	U	0.5	1	QAL
25	98064-BMA-05	3/5/1998	98064-BMA-05	Aroclor-1254	0	2.29	U	0.5	1	QAL
25	98064-BMA-04	3/5/1998	98064-BMA-04	Aroclor-1254	0	2.35	U	0.5	1	QAL
25	98071-BMA-08	3/12/1998	98071-BMA-08	Aroclor-1254	0	2.49	U	0.5	1	QAL
25	98071-BMA-09	3/12/1998	98071-BMA-09	Aroclor-1254	0	3.36	U	0.5	1	QAL
25	950047-10	2/16/1995	950047-10	Aroclor-1260	0	2.42	U	0	1	TEG
25	950051-18	2/20/1995	950051-18	Aroclor-1260	0	2.42	U	0	1	TEG
25	950333-56	11/29/1995	TP-B2	Aroclor-1260	0	2.08	U	0.8	0.8	TEG
25	950333-60	11/29/1995	TP-B3	Aroclor-1260	0	2.12	U	0.5	0.5	TEG
25	950333-61	11/29/1995	TP-B3	Aroclor-1260	0	2.14	U	0.8	0.8	TEG
25	950333-52	11/29/1995	TP-B1	Aroclor-1260	0	2.25	U	0.8	0.8	TEG
25	950333-55	11/29/1995	TP-B2	Aroclor-1260	0	2.36	U	0.5	0.5	TEG

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GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
25	950333-51	11/29/1995	TP-B1	Aroclor-1260	0	2.85	U	0.5	0.5	TEG
25	94342-19	12/8/1994	94342-19	Aroclor-1260	0	0.081	U	0	1	Eco
25	94343-11	12/9/1994	94343-11	Aroclor-1260	0	0.042	U	0	1	Eco
25	96169-M50	6/17/1996	96169-M50	Aroclor-1260	0	2.14	U	0.5	1	QAL
25	96169-M50	6/17/1996	96169-M50	Aroclor-1260	0	2.15	U	0.5	1	QAL
25	98064-BMA-05	3/5/1998	98064-BMA-05	Aroclor-1260	0	2.29	U	0.5	1	QAL
25	98064-BMA-04	3/5/1998	98064-BMA-04	Aroclor-1260	0	2.35	U	0.5	1	QAL
25	98071-BMA-08	3/12/1998	98071-BMA-08	Aroclor-1260	0	2.49	U	0.5	1	QAL
25	98071-BMA-09	3/12/1998	98071-BMA-09	Aroclor-1260	0	3.36	U	0.5	1	QAL
25	950047-10	2/16/1995	950047-10	Aroclor-1268	0	2.42	U	0	1	TEG
25	950051-18	2/20/1995	950051-18	Aroclor-1268	0	2.42	U	0	1	TEG
25	950333-56	11/29/1995	TP-B2	Aroclor-1268	0	2.08	U	0.8	0.8	TEG
25	950333-60	11/29/1995	TP-B3	Aroclor-1268	0	2.12	U	0.5	0.5	TEG
25	950333-61	11/29/1995	TP-B3	Aroclor-1268	0	2.14	U	0.8	0.8	TEG
25	950333-52	11/29/1995	TP-B1	Aroclor-1268	0	2.25	U	0.8	0.8	TEG
25	950333-55	11/29/1995	TP-B2	Aroclor-1268	0	2.36	U	0.5	0.5	TEG
25	950333-51	11/29/1995	TP-B1	Aroclor-1268	0	2.85	U	0.5	0.5	TEG
25	94342-19	12/8/1994	94342-19	Aroclor-1268	3.07	0.081		0	1	Eco
25	94343-11	12/9/1994	94343-11	Aroclor-1268	0.086	0.042		0	1	Eco
25	96169-M50	6/17/1996	96169-M50	Aroclor-1268	0	2.14	U	0.5	1	QAL
25	96169-M50	6/17/1996	96169-M50	Aroclor-1268	0	2.15	U	0.5	1	QAL
25	98064-BMA-05	3/5/1998	98064-BMA-05	Aroclor-1268	0	2.29	U	0.5	1	QAL
25	98064-BMA-04	3/5/1998	98064-BMA-04	Aroclor-1268	0	2.35	U	0.5	1	QAL
25	98071-BMA-08	3/12/1998	98071-BMA-08	Aroclor-1268	0	2.49	U	0.5	1	QAL
25	98071-BMA-09	3/12/1998	98071-BMA-09	Aroclor-1268	0	3.36	U	0.5	1	QAL
26	950074-16	3/15/1995	950074-16	Aroclor-1254	0	2.42	U	0	1	TEG
26	96137-M18	5/16/1996	96137-M18	Aroclor-1254	0	2.16	U	0.5	1	TEG
26	96155-M32	6/3/1996	96155-M32	Aroclor-1254	0	2.10	U	0.5	1.5	TEG
26	94344-14	12/10/1994	94344-14	Aroclor-1254	0	0.036	U	0	1	Eco
26	08101-HG-2	4/10/2008	HG-2	Aroclor-1254	0	0.008	Ui	0	0.5	CAS
26	08102-HG-2-C	4/11/2008	HG-2	Aroclor-1254	0	0.037	Ui	0	0.5	CAS
26	950074-16	3/15/1995	950074-16	Aroclor-1260	0	2.42	U	0	1	TEG
26	96137-M18	5/16/1996	96137-M18	Aroclor-1260	0	2.16	U	0.5	1	TEG
26	96155-M32	6/3/1996	96155-M32	Aroclor-1260	0	2.10	U	0.5	1.5	TEG
26	94344-14	12/10/1994	94344-14	Aroclor-1260	0	0.036	U	0	1	Eco
26	08101-HG-2	4/10/2008	HG-2	Aroclor-1260	0	0.018	Ui	0	0.5	CAS
26	08102-HG-2-C	4/11/2008	HG-2	Aroclor-1260	0	0.050	Ui	0	0.5	CAS
26	950074-16	3/15/1995	950074-16	Aroclor-1268	0	2.42	U	0	1	TEG
26	96137-M18	5/16/1996	96137-M18	Aroclor-1268	0	2.16	U	0.5	1	TEG
26	96155-M32	6/3/1996	96155-M32	Aroclor-1268	0	2.10	U	0.5	1.5	TEG
26	94344-14	12/10/1994	94344-14	Aroclor-1268	0	0.036	U	0	1	Eco
26	08101-HG-2	4/10/2008	HG-2	Aroclor-1268	0.14	0.002		0	0.5	CAS
26	08102-HG-2-C	4/11/2008	HG-2	Aroclor-1268	0.27	0.002		0	0.5	CAS
27	LC-622-SLA	12/1/1994	LC-622	Aroclor-1254	0	0.039	U	0	1	ESD
27	LC-622-SLA	12/1/1994	LC-622	Aroclor-1260	0	0.039	U	0	1	ESD
31	96310-04	11/5/1996	96310-04	Aroclor-1254	0	2.21	U	0	0.5	QAL
31	97086-SRA-102	3/27/1997	97086-SRA-102	Aroclor-1254	0	2.32	U	0	2	QAL
31	97097-SRA-121	4/7/1997	97097-SRA-121	Aroclor-1254	0	2.22	U	0	1	QAL
31	96310-04	11/5/1996	96310-04	Aroclor-1260	0	2.21	U	0	0.5	QAL
31	97086-SRA-102	3/27/1997	97086-SRA-102	Aroclor-1260	0	2.32	U	0	2	QAL
31	97097-SRA-121	4/7/1997	97097-SRA-121	Aroclor-1260	0	2.22	U	0	1	QAL
31	96310-04	11/5/1996	96310-04	Aroclor-1268	0	2.21	U	0	0.5	QAL
31	97086-SRA-102	3/27/1997	97086-SRA-102	Aroclor-1268	0	2.32	U	0	2	QAL
31	97097-SRA-121	4/7/1997	97097-SRA-121	Aroclor-1268	3.10	2.22		0	1	QAL
32	96124-AA-04	5/3/1996	96124-AA-04	Aroclor-1254	0	2.32	U	0	2	TEG
32	96124-AA-05	5/3/1996	96124-AA-05	Aroclor-1254	0	2.33	U	0	1.5	TEG
32	96124-AA-07	5/3/1996	96124-AA-07	Aroclor-1254	0	2.41	U	0	1.5	TEG
32	96130-02	5/9/1996	96130-02	Aroclor-1254	0	2.04	U	0	0.5	TEG
32	97107-BM4-19	4/17/1997	97107-BM4-19	Aroclor-1254	0	2.27	U	0	1.5	QAL
32	97135-03	5/15/1997	97135-03	Aroclor-1254	0	2.07	U	0	0.1	QAL

Table C-3
OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
32	96124-AA-04	5/3/1996	96124-AA-04	Aroclor-1260	0	2.32	U	0	2	TEG
32	96124-AA-05	5/3/1996	96124-AA-05	Aroclor-1260	0	2.33	U	0	1.5	TEG
32	96124-AA-07	5/3/1996	96124-AA-07	Aroclor-1260	0	2.41	U	0	1.5	TEG
32	96130-02	5/9/1996	96130-02	Aroclor-1260	0	2.04	U	0	0.5	TEG
32	97107-BM4-19	4/17/1997	97107-BM4-19	Aroclor-1260	0	2.27	U	0	1.5	QAL
32	97135-03	5/15/1997	97135-03	Aroclor-1260	0	2.07	U	0	0.1	QAL
32	96124-AA-04	5/3/1996	96124-AA-04	Aroclor-1268	0	2.32	U	0	2	TEG
32	96124-AA-05	5/3/1996	96124-AA-05	Aroclor-1268	0	2.33	U	0	1.5	TEG
32	96124-AA-07	5/3/1996	96124-AA-07	Aroclor-1268	0	2.41	U	0	1.5	TEG
32	96130-02	5/9/1996	96130-02	Aroclor-1268	3.23	2.04		0	0.5	TEG
32	97107-BM4-19	4/17/1997	97107-BM4-19	Aroclor-1268	7.90	2.27		0	1.5	QAL
32	97135-03	5/15/1997	97135-03	Aroclor-1268	0	2.07	U	0	0.1	QAL
33	950234-OST-1	8/22/1995	OST-01	Aroclor-1254	0	2.42	U	0	1	TEG
33	96101-14	4/10/1996	96101-14	Aroclor-1254	0	2.40	U	0	1	TEG
33	96107-06	4/16/1996	96107-06	Aroclor-1254	0	2.29	U	0	1	TEG
33	96107-04	4/16/1996	96107-04	Aroclor-1254	0	2.30	U	0	1	TEG
33	96123-05	5/2/1996	96123-05	Aroclor-1254	0	2.49	U	0	1	TEG
33	96123-03	5/2/1996	96123-03	Aroclor-1254	0	2.50	U	0	0.5	TEG
33	96123-04	5/2/1996	96123-04	Aroclor-1254	0	2.79	U	0	0.5	TEG
33	96124-AA-10	5/3/1996	96124-AA-10	Aroclor-1254	0	2.29	U	0	1	TEG
33	96124-AA-03	5/3/1996	96124-AA-03	Aroclor-1254	0	2.42	U	0	1.5	TEG
33	96124-AA-08	5/3/1996	96124-AA-08	Aroclor-1254	0	2.43	U	0	1.5	TEG
33	96129-AA-13	5/8/1996	96129-AA-13	Aroclor-1254	0	2.19	U	0	2	TEG
33	96129-AA-16	5/8/1996	96129-AA-16	Aroclor-1254	0	2.24	U	0	1.75	TEG
33	96130-01	5/9/1996	96130-01	Aroclor-1254	0	2.02	U	0	1	TEG
33	94208-10	7/27/1994	94208-10	Aroclor-1254	0	0.040	U	0	1	Eco
33	97122-OST-27	5/2/1997	97122-OST-27	Aroclor-1254	0	2.21	U	0	1.25	QAL
33	97122-OST-29	5/2/1997	97122-OST-29	Aroclor-1254	0	2.27	U	0	1.5	QAL
33	08101-AC-2	4/10/2008	AC-2	Aroclor-1254	0	0.002	U	0	0.5	CAS
33	08102-AC-2-C	4/11/2008	AC-2	Aroclor-1254	0.020	0.002		0	0.5	CAS
33	950234-OST-1	8/22/1995	OST-01	Aroclor-1260	0	2.42	U	0	1	TEG
33	96101-14	4/10/1996	96101-14	Aroclor-1260	0	2.40	U	0	1	TEG
33	96107-06	4/16/1996	96107-06	Aroclor-1260	0	2.29	U	0	1	TEG
33	96107-04	4/16/1996	96107-04	Aroclor-1260	0	2.30	U	0	1	TEG
33	96123-05	5/2/1996	96123-05	Aroclor-1260	0	2.49	U	0	1	TEG
33	96123-03	5/2/1996	96123-03	Aroclor-1260	0	2.50	U	0	0.5	TEG
33	96123-04	5/2/1996	96123-04	Aroclor-1260	0	2.79	U	0	0.5	TEG
33	96124-AA-10	5/3/1996	96124-AA-10	Aroclor-1260	0	2.29	U	0	1	TEG
33	96124-AA-03	5/3/1996	96124-AA-03	Aroclor-1260	0	2.42	U	0	1.5	TEG
33	96124-AA-08	5/3/1996	96124-AA-08	Aroclor-1260	0	2.43	U	0	1.5	TEG
33	96129-AA-13	5/8/1996	96129-AA-13	Aroclor-1260	0	2.19	U	0	2	TEG
33	96129-AA-16	5/8/1996	96129-AA-16	Aroclor-1260	0	2.24	U	0	1.75	TEG
33	96130-01	5/9/1996	96130-01	Aroclor-1260	0	2.02	U	0	1	TEG
33	94208-10	7/27/1994	94208-10	Aroclor-1260	0	0.040	U	0	1	Eco
33	97122-OST-27	5/2/1997	97122-OST-27	Aroclor-1260	0	2.21	U	0	1.25	QAL
33	97122-OST-29	5/2/1997	97122-OST-29	Aroclor-1260	0	2.27	U	0	1.5	QAL
33	08101-AC-2	4/10/2008	AC-2	Aroclor-1260	0	0.029	Ui	0	0.5	CAS
33	08102-AC-2-C	4/11/2008	AC-2	Aroclor-1260	0	0.025	Ui	0	0.5	CAS
33	950234-OST-1	8/22/1995	OST-01	Aroclor-1268	0	2.42	U	0	1	TEG
33	96101-14	4/10/1996	96101-14	Aroclor-1268	2.77	2.40		0	1	TEG
33	96107-06	4/16/1996	96107-06	Aroclor-1268	0	2.29	U	0	1	TEG
33	96107-04	4/16/1996	96107-04	Aroclor-1268	0	2.30	U	0	1	TEG
33	96123-05	5/2/1996	96123-05	Aroclor-1268	3.36	2.49		0	1	TEG
33	96123-03	5/2/1996	96123-03	Aroclor-1268	4.12	2.50		0	0.5	TEG
33	96123-04	5/2/1996	96123-04	Aroclor-1268	7.26	2.79		0	0.5	TEG
33	96124-AA-10	5/3/1996	96124-AA-10	Aroclor-1268	17.0	2.29		0	1	TEG
33	96124-AA-03	5/3/1996	96124-AA-03	Aroclor-1268	0	2.42	U	0	1.5	TEG
33	96124-AA-08	5/3/1996	96124-AA-08	Aroclor-1268	0	2.43	U	0	1.5	TEG
33	96129-AA-13	5/8/1996	96129-AA-13	Aroclor-1268	0	2.19	U	0	2	TEG
33	96129-AA-16	5/8/1996	96129-AA-16	Aroclor-1268	0	2.24	U	0	1.75	TEG

Table C-3
OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
33	96130-01	5/9/1996	96130-01	Aroclor-1268	3.19	2.02		0	1	TEG
33	94208-10	7/27/1994	94208-10	Aroclor-1268	0.37	0.020		0	1	Eco
33	97122-OST-27	5/2/1997	97122-OST-27	Aroclor-1268	0	2.21	U	0	1.25	QAL
33	97122-OST-29	5/2/1997	97122-OST-29	Aroclor-1268	2.80	2.27		0	1.5	QAL
33	08101-AC-2	4/10/2008	AC-2	Aroclor-1268	0.20	0.002		0	0.5	CAS
33	08102-AC-2-C	4/11/2008	AC-2	Aroclor-1268	0.16	0.002		0	0.5	CAS
34	97170-M108	6/19/1997	97170-M108	Aroclor-1254	0	0.36	U	0	1.5	Sav
34	97170-M108	6/19/1997	97170-M108	Aroclor-1260	0	0.36	U	0	1.5	Sav
34	97170-M108	6/19/1997	97170-M108	Aroclor-1268	2.60	0.36		0	1.5	Sav
35	96128-M10	5/7/1996	96128-M10	Aroclor-1254	0	2.48	U	0.5	1.5	TEG
35	96135-M14	5/14/1996	96135-M14	Aroclor-1254	0	2.14	U	0.5	1.5	TEG
35	96141-M20	5/20/1996	96141-M20	Aroclor-1254	0	2.11	U	0.1	0.1	TEG
35	96142-M23	5/21/1996	96142-M23	Aroclor-1254	0	2.03	U	0.5	1	TEG
35	96128-M10	5/7/1996	96128-M10	Aroclor-1260	0	2.48	U	0.5	1.5	TEG
35	96135-M14	5/14/1996	96135-M14	Aroclor-1260	0	2.14	U	0.5	1.5	TEG
35	96141-M20	5/20/1996	96141-M20	Aroclor-1260	0	2.11	U	0.1	0.1	TEG
35	96142-M23	5/21/1996	96142-M23	Aroclor-1260	0	2.03	U	0.5	1	TEG
35	96128-M10	5/7/1996	96128-M10	Aroclor-1268	0	2.48	U	0.5	1.5	TEG
35	96135-M14	5/14/1996	96135-M14	Aroclor-1268	0	2.14	U	0.5	1.5	TEG
35	96141-M20	5/20/1996	96141-M20	Aroclor-1268	9.12	2.11		0.1	0.1	TEG
35	96142-M23	5/21/1996	96142-M23	Aroclor-1268	0	2.03	U	0.5	1	TEG
36	LC-621-SLA	12/1/1994	LC-621	Aroclor-1254	0	0.040	U	0	1	ESD
36	LC-621-SLA	12/1/1994	LC-621	Aroclor-1260	1.20	0		0	1	ESD
37	LC-620-SLA	12/1/1994	LC-620	Aroclor-1254	0	0.039	U	0	1	ESD
37	LC-620-SLA	12/1/1994	LC-620	Aroclor-1260	0	0.039	U	0	1	ESD
38	96331-RI-13	11/27/1996	96331-RI-13	Aroclor-1254	0	2.26	U	0	1	QAL
38	96331-RI-13	11/27/1996	96331-RI-13	Aroclor-1260	0	2.26	U	0	1	QAL
38	96331-RI-13	11/27/1996	96331-RI-13	Aroclor-1268	0	2.26	U	0	1	QAL
41	96115-SS-04	4/24/1996	96115-SS-04	Aroclor-1254	0	2.20	U	0	1	TEG
41	97104-02	4/14/1997	97104-02	Aroclor-1254	0	2.27	U	0	0.1	QAL
41	98156-MED-43	6/5/1998	98156-MED-43	Aroclor-1254	0	2.15	U	0	1	QAL
41	98156-MED-40	6/5/1998	98156-MED-40	Aroclor-1254	0	2.19	U	0	1	QAL
41	98156-MED-41	6/5/1998	98156-MED-40	Aroclor-1254	0	2.20	U	0	1	QAL
41	98156-MED-45	6/5/1998	98156-MED-45	Aroclor-1254	0	2.28	U	0	1	QAL
41	09130-SL9-0-2	5/10/2009	SL-9	Aroclor-1254	0.004	0.002	J	0	2	CAS
41	96115-SS-04	4/24/1996	96115-SS-04	Aroclor-1260	0	2.20	U	0	1	TEG
41	97104-02	4/14/1997	97104-02	Aroclor-1260	0	2.27	U	0	0.1	QAL
41	98156-MED-43	6/5/1998	98156-MED-43	Aroclor-1260	0	2.15	U	0	1	QAL
41	98156-MED-40	6/5/1998	98156-MED-40	Aroclor-1260	0	2.19	U	0	1	QAL
41	98156-MED-41	6/5/1998	98156-MED-40	Aroclor-1260	0	2.20	U	0	1	QAL
41	98156-MED-45	6/5/1998	98156-MED-45	Aroclor-1260	0	2.28	U	0	1	QAL
41	09130-SL9-0-2	5/10/2009	SL-9	Aroclor-1260	0	0.002	U	0	2	CAS
41	96115-SS-04	4/24/1996	96115-SS-04	Aroclor-1268	0	2.20	U	0	1	TEG
41	97104-02	4/14/1997	97104-02	Aroclor-1268	0	2.27	U	0	0.1	QAL
41	98156-MED-43	6/5/1998	98156-MED-43	Aroclor-1268	0	2.15	U	0	1	QAL
41	98156-MED-40	6/5/1998	98156-MED-40	Aroclor-1268	1.85	2.19		0	1	QAL
41	98156-MED-41	6/5/1998	98156-MED-40	Aroclor-1268	2.96	2.20		0	1	QAL
41	98156-MED-45	6/5/1998	98156-MED-45	Aroclor-1268	0	2.28	U	0	1	QAL
41	09130-SL9-0-2	5/10/2009	SL-9	Aroclor-1268	0.075	0.002		0	2	CAS
42	94196-08	7/15/1994	94196-08	Aroclor-1254	0.15	0.040		0	1	Eco
42	97111-BM4-26	4/21/1997	97111-BM4-26	Aroclor-1254	0	2.25	U	0	2	QAL
42	97114-BM4-31	4/24/1997	97114-BM4-31	Aroclor-1254	0	2.31	U	0.1	0.1	QAL
42	99153-LRC-03	6/2/1999	99153-LRC-03	Aroclor-1254	0	0.017	U	0	0.2	Kem
42	94196-08	7/15/1994	94196-08	Aroclor-1260	0	0.040	U	0	1	Eco
42	97111-BM4-26	4/21/1997	97111-BM4-26	Aroclor-1260	0	2.25	U	0	2	QAL
42	97114-BM4-31	4/24/1997	97114-BM4-31	Aroclor-1260	0	2.31	U	0.1	0.1	QAL
42	99153-LRC-03	6/2/1999	99153-LRC-03	Aroclor-1260	0	0.017	U	0	0.2	Kem
42	94196-08	7/15/1994	94196-08	Aroclor-1268	2.17	0.062		0	1	Eco
42	97111-BM4-26	4/21/1997	97111-BM4-26	Aroclor-1268	0	2.25	U	0	2	QAL
42	97114-BM4-31	4/24/1997	97114-BM4-31	Aroclor-1268	2.30	2.31		0.1	0.1	QAL

Table C-3
OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
42	99153-LRC-03	6/2/1999	99153-LRC-03	Aroclor-1268	0.095	0.017		0	0.2	Kem
43	96067-14	3/7/1996	96067-14	Aroclor-1254	0	2.29	U	0	1	TEG
43	96129-AA-14	5/8/1996	96129-AA-14	Aroclor-1254	0	2.30	U	0	1	TEG
43	96129-AA-15	5/8/1996	96129-AA-15	Aroclor-1254	0	2.54	U	0	1	TEG
43	94196-05	7/15/1994	94196-05	Aroclor-1254	1.14	0.040		0	1	Eco
43	94196-04	7/15/1994	94196-04	Aroclor-1254	2.29	0.40		0	1	Eco
43	97135-02	5/15/1997	97135-02	Aroclor-1254	0	2.12	U	0	0.1	QAL
43	96067-14	3/7/1996	96067-14	Aroclor-1260	0	2.29	U	0	1	TEG
43	96129-AA-14	5/8/1996	96129-AA-14	Aroclor-1260	0	2.30	U	0	1	TEG
43	96129-AA-15	5/8/1996	96129-AA-15	Aroclor-1260	0	2.54	U	0	1	TEG
43	94196-04	7/15/1994	94196-04	Aroclor-1260	0	0.040	U	0	1	Eco
43	94196-05	7/15/1994	94196-05	Aroclor-1260	0	0.040	U	0	1	Eco
43	97135-02	5/15/1997	97135-02	Aroclor-1260	0	2.12	U	0	0.1	QAL
43	96067-14	3/7/1996	96067-14	Aroclor-1268	0	2.29	U	0	1	TEG
43	96129-AA-14	5/8/1996	96129-AA-14	Aroclor-1268	0	2.30	U	0	1	TEG
43	96129-AA-15	5/8/1996	96129-AA-15	Aroclor-1268	0	2.54	U	0	1	TEG
43	94196-05	7/15/1994	94196-05	Aroclor-1268	4.35	0.21		0	1	Eco
43	94196-04	7/15/1994	94196-04	Aroclor-1268	9.06	0.41		0	1	Eco
43	97135-02	5/15/1997	97135-02	Aroclor-1268	0	2.12	U	0	0.1	QAL
44	950037-01	2/6/1995	950037-01	Aroclor-1254	0	0.12	U	0	1	TEG
44	96207-M76	7/25/1996	96207-M76	Aroclor-1254	0	2.53	U	0	1	QAL
44	96261-01	9/17/1996	96261-01	Aroclor-1254	0	2.33	U	0	1	QAL
44	950037-01	2/6/1995	950037-01	Aroclor-1260	0	0.12	U	0	1	TEG
44	96207-M76	7/25/1996	96207-M76	Aroclor-1260	0	2.53	U	0	1	QAL
44	96261-01	9/17/1996	96261-01	Aroclor-1260	0	2.33	U	0	1	QAL
44	950037-01	2/6/1995	950037-01	Aroclor-1268	0.18	0.12		0	1	TEG
44	96207-M76	7/25/1996	96207-M76	Aroclor-1268	240	2.53		0	1	QAL
44	96261-01	9/17/1996	96261-01	Aroclor-1268	0	2.33	U	0	1	QAL
45	96141-M22	5/20/1996	96141-M22	Aroclor-1254	0	4.30	U	0.1	0.1	TEG
45	96141-M22	5/20/1996	96141-M22	Aroclor-1260	0	4.30	U	0.1	0.1	TEG
45	96141-M22	5/20/1996	96141-M22	Aroclor-1268	19.5	4.30		0.1	0.1	TEG
46	950052-18	2/21/1995	950052-18	Aroclor-1254	0	2.42	U	0	1	TEG
46	08217-CS11-1.5	8/4/2008	CS11	Aroclor-1254	0	0.017	U	0.5	1.5	CAS
46	08217-CS10-0.5	8/4/2008	CS10	Aroclor-1254	0.17	0.017	D	0	0.5	CAS
46	08217-CS12-1.5	8/4/2008	CS12	Aroclor-1254	0.46	0.017	D	0.5	1.5	CAS
46	08217-CS11-0.5	8/4/2008	CS11	Aroclor-1254	0.17	0.034	D	0	0.5	CAS
46	08217-CS10-1.5	8/4/2008	CS10	Aroclor-1254	0	0.037	Ui	0.5	1.5	CAS
46	08217-CS12-0.5	8/4/2008	CS12	Aroclor-1254	0	0.34	U	0	0.5	CAS
46	09129-SL21-0-2	5/9/2009	SL-21	Aroclor-1254	0.63	0.021	D	0	2	CAS
46	950052-18	2/21/1995	950052-18	Aroclor-1260	0	2.42	U	0	1	TEG
46	08217-CS10-1.5	8/4/2008	CS10	Aroclor-1260	0	0.002	U	0.5	1.5	CAS
46	08217-CS10-0.5	8/4/2008	CS10	Aroclor-1260	0	0.017	U	0	0.5	CAS
46	08217-CS11-1.5	8/4/2008	CS11	Aroclor-1260	0	0.017	U	0.5	1.5	CAS
46	08217-CS12-1.5	8/4/2008	CS12	Aroclor-1260	0	0.017	U	0.5	1.5	CAS
46	08217-CS11-0.5	8/4/2008	CS11	Aroclor-1260	0	0.034	U	0	0.5	CAS
46	08217-CS12-0.5	8/4/2008	CS12	Aroclor-1260	0	0.34	U	0	0.5	CAS
46	09129-SL21-0-2	5/9/2009	SL-21	Aroclor-1260	0	0.021	U	0	2	CAS
46	950052-18	2/21/1995	950052-18	Aroclor-1268	8.09	2.42		0	1	TEG
46	08217-CS10-1.5	8/4/2008	CS10	Aroclor-1268	0.24	0.002		0.5	1.5	CAS
46	08217-CS11-1.5	8/4/2008	CS11	Aroclor-1268	0.96	0.017	D	0.5	1.5	CAS
46	08217-CS12-1.5	8/4/2008	CS12	Aroclor-1268	1.50	0.017	D	0.5	1.5	CAS
46	08217-CS10-0.5	8/4/2008	CS10	Aroclor-1268	4.10	0.017	D	0	0.5	CAS
46	08217-CS11-0.5	8/4/2008	CS11	Aroclor-1268	10.0	0.034	D	0	0.5	CAS
46	08217-CS12-0.5	8/4/2008	CS12	Aroclor-1268	19.0	0.34	D	0	0.5	CAS
46	09129-SL21-0-2	5/9/2009	SL-21	Aroclor-1268	2.40	0.021	D	0	2	CAS
47	950052-21	2/21/1995	950052-21	Aroclor-1254	0	2.42	U	0	1	TEG
47	LC-619-SLA	11/30/1994	LC-619	Aroclor-1254	0	0.041	U	0	1	ESD
47	96346-RI-17	12/11/1996	96346-RI-17	Aroclor-1254	0	2.45	U	0	1	QAL
47	950052-21	2/21/1995	950052-21	Aroclor-1260	0	2.42	U	0	1	TEG
47	LC-619-SLA	11/30/1994	LC-619	Aroclor-1260	0	0.041	U	0	1	ESD

Table C-3
OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
47	96346-RI-17	12/11/1996	96346-RI-17	Aroclor-1260	0	2.45	U	0	1	QAL
47	950052-21	2/21/1995	950052-21	Aroclor-1268	0	2.42	U	0	1	TEG
47	96346-RI-17	12/11/1996	96346-RI-17	Aroclor-1268	0	2.45	U	0	1	QAL
49	96331-RI-11	11/27/1996	96331-RI-11	Aroclor-1254	0	2.39	U	0	1	QAL
49	96331-RI-11	11/27/1996	96331-RI-11	Aroclor-1260	0	2.39	U	0	1	QAL
49	96331-RI-11	11/27/1996	96331-RI-11	Aroclor-1268	0	2.39	U	0	1	QAL
52	96022-01	1/22/1996	96022-01	Aroclor-1254	0	2.24	U	0	1.5	TEG
52	96057-SYD-32	2/26/1996	96057-SYD-32	Aroclor-1254	0	2.26	U	0	1	TEG
52	99153-LRC-04	6/2/1999	99153-LRC-04	Aroclor-1254	0	0.017	U	0	0.2	Kem
52	99159-USC-17	6/8/1999	99159-USC-17	Aroclor-1254	0	0.017	U	0	0.2	Kem
52	96022-01	1/22/1996	96022-01	Aroclor-1260	0	2.24	U	0	1.5	TEG
52	96057-SYD-32	2/26/1996	96057-SYD-32	Aroclor-1260	0	2.26	U	0	1	TEG
52	99153-LRC-04	6/2/1999	99153-LRC-04	Aroclor-1260	0	0.017	U	0	0.2	Kem
52	99159-USC-17	6/8/1999	99159-USC-17	Aroclor-1260	0	0.017	U	0	0.2	Kem
52	96022-01	1/22/1996	96022-01	Aroclor-1268	0	2.24	U	0	1.5	TEG
52	96057-SYD-32	2/26/1996	96057-SYD-32	Aroclor-1268	0	2.26	U	0	1	TEG
52	99153-LRC-04	6/2/1999	99153-LRC-04	Aroclor-1268	0.18	0.017		0	0.2	Kem
52	99159-USC-17	6/8/1999	99159-USC-17	Aroclor-1268	0.45	0.017		0	0.2	Kem
53	96099-01	4/8/1996	96099-01	Aroclor-1254	0	2.24	U	0	0	TEG
53	96101-SYD-76	4/10/1996	96101-SYD-76	Aroclor-1254	0	2.29	U	0.5	1	TEG
53	09129-SL13-0-2	5/9/2009	SL-13	Aroclor-1254	0.27	0.021	D	0	2	CAS
53	96099-01	4/8/1996	96099-01	Aroclor-1260	0	2.24	U	0	0	TEG
53	96101-SYD-76	4/10/1996	96101-SYD-76	Aroclor-1260	0	2.29	U	0.5	1	TEG
53	LC-204-SLA	10/17/1994	LC-204	Aroclor-1260	110	0	C	0	1	ESD
53	09129-SL13-0-2	5/9/2009	SL-13	Aroclor-1260	0	0.021	U	0	2	CAS
53	96099-01	4/8/1996	96099-01	Aroclor-1268	4.84	2.24		0	0	TEG
53	96101-SYD-76	4/10/1996	96101-SYD-76	Aroclor-1268	12.3	2.29		0.5	1	TEG
53	LC-204-SLA	10/17/1994	LC-204	Aroclor-1268	12.0	0	C	0	1	ESD
53	B113036	10/18/1995	PROCESS SOUTH	Aroclor-1268	450	0.63		0	0	REA
53	09129-SL13-0-2	5/9/2009	SL-13	Aroclor-1268	3.20	0.021	D	0	2	CAS
54	950166-04	6/15/1995	950166-04	Aroclor-1254	0	2.73	U	0	1	Teg
54	97086-CTA-03	3/27/1997	97086-CTA-03	Aroclor-1254	2.70	2.39		0	2	QAL
54	950166-04	6/15/1995	950166-04	Aroclor-1260	0	2.73	U	0	1	Teg
54	97086-CTA-03	3/27/1997	97086-CTA-03	Aroclor-1260	0	2.39	U	0	2	QAL
54	950166-04	6/15/1995	950166-04	Aroclor-1268	3.65	2.73		0	1	Teg
54	97086-CTA-03	3/27/1997	97086-CTA-03	Aroclor-1268	6.20	2.39		0	2	QAL
55	96298-SRY-24	10/24/1996	96298-SRY-24	Aroclor-1254	0	2.35	U	0	2	QAL
55	96298-SRY-24	10/24/1996	96298-SRY-24	Aroclor-1260	0	2.35	U	0	2	QAL
55	96298-SRY-24	10/24/1996	96298-SRY-24	Aroclor-1268	0	2.35	U	0	2	QAL
57	950052-17	2/21/1995	950052-17	Aroclor-1254	0	2.42	U	0	1	TEG
57	950052-20	2/21/1995	950052-20	Aroclor-1254	0	2.42	U	0	1	TEG
57	97042-03	2/11/1997	97042-03	Aroclor-1254	0	2.27	U	0	1	QAL
57	97042-06	2/11/1997	97042-06	Aroclor-1254	0	2.35	U	0	1	QAL
57	08217-CS9-1.5	8/4/2008	CS9	Aroclor-1254	0.017	0.002		0.5	1.5	CAS
57	08217-CS9-0.5	8/4/2008	CS9	Aroclor-1254	0.18	0.017	D	0.5	1.5	CAS
57	950052-17	2/21/1995	950052-17	Aroclor-1260	0	2.42	U	0	1	TEG
57	950052-20	2/21/1995	950052-20	Aroclor-1260	0	2.42	U	0	1	TEG
57	97042-03	2/11/1997	97042-03	Aroclor-1260	0	2.27	U	0	1	QAL
57	97042-06	2/11/1997	97042-06	Aroclor-1260	0	2.35	U	0	1	QAL
57	08217-CS9-1.5	8/4/2008	CS9	Aroclor-1260	0	0.002	U	0.5	1.5	CAS
57	08217-CS9-0.5	8/4/2008	CS9	Aroclor-1260	0	0.017	U	0.5	1.5	CAS
57	950052-17	2/21/1995	950052-17	Aroclor-1268	10.1	2.42		0	1	TEG
57	950052-20	2/21/1995	950052-20	Aroclor-1268	12.0	2.42		0	1	TEG
57	97042-03	2/11/1997	97042-03	Aroclor-1268	2.70	2.27	J%R	0	1	QAL
57	97042-06	2/11/1997	97042-06	Aroclor-1268	0	2.35	U-J%R	0	1	QAL
57	08217-CS9-1.5	8/4/2008	CS9	Aroclor-1268	0.33	0.002		0.5	1.5	CAS
57	08217-CS9-0.5	8/4/2008	CS9	Aroclor-1268	3.50	0.017	D	0.5	1.5	CAS
59	950332-86	11/28/1995	TP-A9	Aroclor-1254	0	2.13	U	0.8	0.8	TEG
59	950332-69	11/28/1995	TP-A5	Aroclor-1254	0	2.20	U	0.5	0.5	TEG
59	950332-60	11/28/1995	TP-A3	Aroclor-1254	0	2.21	U	0.5	0.5	TEG

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OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
59	950332-85	11/28/1995	TP-A9	Aroclor-1254	0	2.22	U	0.5	0.5	TEG
59	950332-51	11/28/1995	TP-A1	Aroclor-1254	0	2.23	U	0.5	0.5	TEG
59	950332-61	11/28/1995	TP-A3	Aroclor-1254	0	2.23	U	0.8	0.8	TEG
59	950332-74	11/28/1995	TP-A6	Aroclor-1254	0	2.23	U	0.8	0.8	TEG
59	950332-77	11/28/1995	TP-A7	Aroclor-1254	0	2.25	U	0.5	0.5	TEG
59	950332-56	11/28/1995	TP-A2	Aroclor-1254	0	2.26	U	0.8	0.8	TEG
59	950332-70	11/28/1995	TP-A5	Aroclor-1254	0	2.26	U	0.8	0.8	TEG
59	950332-82	11/28/1995	TP-A8	Aroclor-1254	0	2.26	U	0.8	0.8	TEG
59	950332-55	11/28/1995	TP-A2	Aroclor-1254	0	2.27	U	0.5	0.5	TEG
59	950332-73	11/28/1995	TP-A6	Aroclor-1254	0	2.27	U	0.5	0.5	TEG
59	950332-81	11/28/1995	TP-A8	Aroclor-1254	0	2.27	U	0.5	0.5	TEG
59	950332-64	11/28/1995	TP-A4	Aroclor-1254	0	2.28	U	0.5	0.5	TEG
59	950332-78	11/28/1995	TP-A7	Aroclor-1254	0	2.33	U	0.8	0.8	TEG
59	LC-617-SLA	12/1/1994	LC-617	Aroclor-1254	0	0.040	U	0	1	ESD
59	08217-CS2-1.5	8/4/2008	CS2	Aroclor-1254	0	0.002	U	0.5	1.5	CAS
59	08217-CS3-1.5	8/4/2008	CS3	Aroclor-1254	0	0.002	U	0.5	1.5	CAS
59	08217-CS4-1.5	8/4/2008	CS4	Aroclor-1254	0	0.002	U	0.5	1.5	CAS
59	08217-CS5-1.5	8/4/2008	CS5	Aroclor-1254	0	0.002	U	0.5	1.5	CAS
59	08217-CS6-1.5	8/4/2008	CS6	Aroclor-1254	0	0.002	U	0.5	1.5	CAS
59	08217-CS7-1.5	8/4/2008	CS7	Aroclor-1254	0	0.002	U	0.5	1.5	CAS
59	08217-CS8-1.5	8/4/2008	CS8	Aroclor-1254	0.013	0.002		0	0.5	CAS
59	08217-CS5-0.5	8/4/2008	CS5	Aroclor-1254	0.090	0.017	D	0	0.5	CAS
59	08217-CS8-0.5	8/4/2008	CS8	Aroclor-1254	0.13	0.017	D	0.5	1.5	CAS
59	08217-CS3-0.5	8/4/2008	CS3	Aroclor-1254	0.14	0.017	D	0	0.5	CAS
59	08217-CS4-0.5	8/4/2008	CS4	Aroclor-1254	0.14	0.017	D	0	0.5	CAS
59	08217-CS7-0.5	8/4/2008	CS7	Aroclor-1254	0.15	0.017	D	0	0.5	CAS
59	08217-CS6-0.5	8/4/2008	CS6	Aroclor-1254	0.18	0.017	D	0	0.5	CAS
59	08217-CS2-0.5	8/4/2008	CS2	Aroclor-1254	0.33	0.017	D	0	0.5	CAS
59	950332-86	11/28/1995	TP-A9	Aroclor-1260	0	2.13	U	0.8	0.8	TEG
59	950332-69	11/28/1995	TP-A5	Aroclor-1260	0	2.20	U	0.5	0.5	TEG
59	950332-60	11/28/1995	TP-A3	Aroclor-1260	0	2.21	U	0.5	0.5	TEG
59	950332-85	11/28/1995	TP-A9	Aroclor-1260	0	2.22	U	0.5	0.5	TEG
59	950332-51	11/28/1995	TP-A1	Aroclor-1260	0	2.23	U	0.5	0.5	TEG
59	950332-61	11/28/1995	TP-A3	Aroclor-1260	0	2.23	U	0.8	0.8	TEG
59	950332-74	11/28/1995	TP-A6	Aroclor-1260	0	2.23	U	0.8	0.8	TEG
59	950332-77	11/28/1995	TP-A7	Aroclor-1260	0	2.25	U	0.5	0.5	TEG
59	950332-56	11/28/1995	TP-A2	Aroclor-1260	0	2.26	U	0.8	0.8	TEG
59	950332-70	11/28/1995	TP-A5	Aroclor-1260	0	2.26	U	0.8	0.8	TEG
59	950332-82	11/28/1995	TP-A8	Aroclor-1260	0	2.26	U	0.8	0.8	TEG
59	950332-55	11/28/1995	TP-A2	Aroclor-1260	0	2.27	U	0.5	0.5	TEG
59	950332-73	11/28/1995	TP-A6	Aroclor-1260	0	2.27	U	0.5	0.5	TEG
59	950332-81	11/28/1995	TP-A8	Aroclor-1260	0	2.27	U	0.5	0.5	TEG
59	950332-64	11/28/1995	TP-A4	Aroclor-1260	0	2.28	U	0.5	0.5	TEG
59	950332-78	11/28/1995	TP-A7	Aroclor-1260	0	2.33	U	0.8	0.8	TEG
59	LC-617-SLA	12/1/1994	LC-617	Aroclor-1260	0	0.040	U	0	1	ESD
59	08217-CS2-1.5	8/4/2008	CS2	Aroclor-1260	0	0.002	U	0.5	1.5	CAS
59	08217-CS3-1.5	8/4/2008	CS3	Aroclor-1260	0	0.002	U	0.5	1.5	CAS
59	08217-CS4-1.5	8/4/2008	CS4	Aroclor-1260	0	0.002	U	0.5	1.5	CAS
59	08217-CS5-1.5	8/4/2008	CS5	Aroclor-1260	0	0.002	U	0.5	1.5	CAS
59	08217-CS6-1.5	8/4/2008	CS6	Aroclor-1260	0	0.002	U	0.5	1.5	CAS
59	08217-CS7-1.5	8/4/2008	CS7	Aroclor-1260	0	0.002	U	0.5	1.5	CAS
59	08217-CS8-1.5	8/4/2008	CS8	Aroclor-1260	0	0.002	U	0	0.5	CAS
59	08217-CS2-0.5	8/4/2008	CS2	Aroclor-1260	0	0.017	U	0	0.5	CAS
59	08217-CS3-0.5	8/4/2008	CS3	Aroclor-1260	0	0.017	U	0	0.5	CAS
59	08217-CS4-0.5	8/4/2008	CS4	Aroclor-1260	0	0.017	U	0	0.5	CAS
59	08217-CS5-0.5	8/4/2008	CS5	Aroclor-1260	0	0.017	U	0	0.5	CAS
59	08217-CS6-0.5	8/4/2008	CS6	Aroclor-1260	0	0.017	U	0	0.5	CAS
59	08217-CS7-0.5	8/4/2008	CS7	Aroclor-1260	0	0.017	U	0	0.5	CAS
59	08217-CS8-0.5	8/4/2008	CS8	Aroclor-1260	0	0.017	U	0.5	1.5	CAS
59	950332-86	11/28/1995	TP-A9	Aroclor-1268	0	2.13	U	0.8	0.8	TEG

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OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
59	950332-69	11/28/1995	TP-A5	Aroclor-1268	0	2.20	U	0.5	0.5	TEG
59	950332-60	11/28/1995	TP-A3	Aroclor-1268	0	2.21	U	0.5	0.5	TEG
59	950332-85	11/28/1995	TP-A9	Aroclor-1268	0	2.22	U	0.5	0.5	TEG
59	950332-51	11/28/1995	TP-A1	Aroclor-1268	0	2.23	U	0.5	0.5	TEG
59	950332-61	11/28/1995	TP-A3	Aroclor-1268	0	2.23	U	0.8	0.8	TEG
59	950332-74	11/28/1995	TP-A6	Aroclor-1268	0	2.23	U	0.8	0.8	TEG
59	950332-77	11/28/1995	TP-A7	Aroclor-1268	0	2.25	U	0.5	0.5	TEG
59	950332-56	11/28/1995	TP-A2	Aroclor-1268	0	2.26	U	0.8	0.8	TEG
59	950332-70	11/28/1995	TP-A5	Aroclor-1268	0	2.26	U	0.8	0.8	TEG
59	950332-82	11/28/1995	TP-A8	Aroclor-1268	0	2.26	U	0.8	0.8	TEG
59	950332-55	11/28/1995	TP-A2	Aroclor-1268	0	2.27	U	0.5	0.5	TEG
59	950332-73	11/28/1995	TP-A6	Aroclor-1268	0	2.27	U	0.5	0.5	TEG
59	950332-81	11/28/1995	TP-A8	Aroclor-1268	24.7	2.27		0.5	0.5	TEG
59	950332-64	11/28/1995	TP-A4	Aroclor-1268	0	2.28	U	0.5	0.5	TEG
59	950332-78	11/28/1995	TP-A7	Aroclor-1268	0	2.33	U	0.8	0.8	TEG
59	08217-CS5-1.5	8/4/2008	CS5	Aroclor-1268	0.014	0.002		0.5	1.5	CAS
59	08217-CS4-1.5	8/4/2008	CS4	Aroclor-1268	0.028	0.002		0.5	1.5	CAS
59	08217-CS3-1.5	8/4/2008	CS3	Aroclor-1268	0.037	0.002		0.5	1.5	CAS
59	08217-CS7-1.5	8/4/2008	CS7	Aroclor-1268	0.041	0.002		0.5	1.5	CAS
59	08217-CS6-1.5	8/4/2008	CS6	Aroclor-1268	0.051	0.002		0.5	1.5	CAS
59	08217-CS2-1.5	8/4/2008	CS2	Aroclor-1268	0.056	0.002		0.5	1.5	CAS
59	08217-CS8-1.5	8/4/2008	CS8	Aroclor-1268	0.41	0.002		0	0.5	CAS
59	08217-CS3-0.5	8/4/2008	CS3	Aroclor-1268	0.87	0.017	D	0	0.5	CAS
59	08217-CS5-0.5	8/4/2008	CS5	Aroclor-1268	0.99	0.017	D	0	0.5	CAS
59	08217-CS2-0.5	8/4/2008	CS2	Aroclor-1268	1.30	0.017	D	0	0.5	CAS
59	08217-CS4-0.5	8/4/2008	CS4	Aroclor-1268	1.30	0.017	D	0	0.5	CAS
59	08217-CS7-0.5	8/4/2008	CS7	Aroclor-1268	1.70	0.017	D	0	0.5	CAS
59	08217-CS6-0.5	8/4/2008	CS6	Aroclor-1268	2.20	0.017	D	0	0.5	CAS
59	08217-CS8-0.5	8/4/2008	CS8	Aroclor-1268	3.40	0.017	D	0.5	1.5	CAS
60	LC-616-SLA	12/1/1994	LC-616	Aroclor-1254	0	0.037	U	0	1	ESD
60	LC-616-SLA	12/1/1994	LC-616	Aroclor-1260	0	0.037	U	0	1	ESD
63	96052-SYD-24	2/21/1996	96052-SYD-24	Aroclor-1254	0	2.26	U	0	1	TEG
63	96052-SYD-23	2/21/1996	96052-SYD-23	Aroclor-1254	0	2.28	U	0	1	TEG
63	99074-USC-15	3/15/1999	99074-usc-15	Aroclor-1254	0	0.017	U	0	0.02	Kem
63	99159-USC-18	6/8/1999	99159-USC-18	Aroclor-1254	0	0.017	U	0	0.2	Kem
63	96052-SYD-24	2/21/1996	96052-SYD-24	Aroclor-1260	0	2.26	U	0	1	TEG
63	96052-SYD-23	2/21/1996	96052-SYD-23	Aroclor-1260	0	2.28	U	0	1	TEG
63	99074-USC-15	3/15/1999	99074-usc-15	Aroclor-1260	0	0.017	U	0	0.02	Kem
63	99159-USC-18	6/8/1999	99159-USC-18	Aroclor-1260	0	0.017	U	0	0.2	Kem
63	96052-SYD-24	2/21/1996	96052-SYD-24	Aroclor-1268	0	2.26	U	0	1	TEG
63	96052-SYD-23	2/21/1996	96052-SYD-23	Aroclor-1268	0	2.28	U	0	1	TEG
63	99074-USC-15	3/15/1999	99074-usc-15	Aroclor-1268	0	0.017	U	0	0.02	Kem
63	99159-USC-18	6/8/1999	99159-USC-18	Aroclor-1268	0.90	0.087	D	0	0.2	Kem
64	96039-SYD-11	2/8/1996	96039-SYD-11	Aroclor-1254	0	2.32	U	0	2	TEG
64	96052-SYD-21	2/21/1996	96052-SYD-21	Aroclor-1254	0	2.29	U	0	1	TEG
64	96052-SYD-22	2/21/1996	96052-SYD-22	Aroclor-1254	0	2.37	U	0	2	TEG
64	96065-01	3/5/1996	96065-01	Aroclor-1254	0	2.21	U	0	0	TEG
64	96071-02	3/11/1996	96071-02	Aroclor-1254	0	2.24	U	0	0	TEG
64	96080-01	3/20/1996	96080-01	Aroclor-1254	0	2.26	U	0	0	TEG
64	96081-02	3/21/1996	96081-02	Aroclor-1254	0	2.34	U	0	0	TEG
64	96088-01	3/28/1996	96088-01	Aroclor-1254	0	2.29	U	0	0	TEG
64	96283-CPS-01	10/9/1996	96283-CPS-01	Aroclor-1254	0	2.56	U	0.5	1	QAL
64	96290-CPS-07	10/16/1996	96290-CPS-07	Aroclor-1254	0	2.36	U	0.5	1	QAL
64	96290-CPS-08	10/16/1996	96290-CPS-08	Aroclor-1254	0	2.40	U	0	0.75	QAL
64	96039-SYD-11	2/8/1996	96039-SYD-11	Aroclor-1260	0	2.32	U	0	2	TEG
64	96052-SYD-21	2/21/1996	96052-SYD-21	Aroclor-1260	0	2.29	U	0	1	TEG
64	96052-SYD-22	2/21/1996	96052-SYD-22	Aroclor-1260	0	2.37	U	0	2	TEG
64	96065-01	3/5/1996	96065-01	Aroclor-1260	0	2.21	U	0	0	TEG
64	96071-02	3/11/1996	96071-02	Aroclor-1260	0	2.24	U	0	0	TEG
64	96080-01	3/20/1996	96080-01	Aroclor-1260	0	2.26	U	0	0	TEG

Table C-3
OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
64	96081-02	3/21/1996	96081-02	Aroclor-1260	0	2.34	U	0	0	TEG
64	96088-01	3/28/1996	96088-01	Aroclor-1260	0	2.29	U	0	0	TEG
64	96283-CPS-01	10/9/1996	96283-CPS-01	Aroclor-1260	0	2.56	U	0.5	1	QAL
64	96290-CPS-07	10/16/1996	96290-CPS-07	Aroclor-1260	0	2.36	U	0.5	1	QAL
64	96290-CPS-08	10/16/1996	96290-CPS-08	Aroclor-1260	0	2.40	U	0	0.75	QAL
64	96039-SYD-11	2/8/1996	96039-SYD-11	Aroclor-1268	0	2.32	U	0	2	TEG
64	96052-SYD-21	2/21/1996	96052-SYD-21	Aroclor-1268	5.90	2.29		0	1	TEG
64	96052-SYD-22	2/21/1996	96052-SYD-22	Aroclor-1268	0	2.37	U	0	2	TEG
64	96065-01	3/5/1996	96065-01	Aroclor-1268	14.4	2.21		0	0	TEG
64	96071-02	3/11/1996	96071-02	Aroclor-1268	13.0	2.24		0	0	TEG
64	96080-01	3/20/1996	96080-01	Aroclor-1268	2.38	2.26		0	0	TEG
64	96081-02	3/21/1996	96081-02	Aroclor-1268	14.9	2.34		0	0	TEG
64	96088-01	3/28/1996	96088-01	Aroclor-1268	6.95	2.29		0	0	TEG
64	96283-CPS-01	10/9/1996	96283-CPS-01	Aroclor-1268	1.95	2.56		0.5	1	QAL
64	96290-CPS-07	10/16/1996	96290-CPS-07	Aroclor-1268	12.0	2.36		0.5	1	QAL
64	96290-CPS-08	10/16/1996	96290-CPS-08	Aroclor-1268	7.20	2.40		0	0.75	QAL
65	96037-SYD-04	2/6/1996	96037-SYD-04	Aroclor-1254	0	2.05	U	0	1.5	TEG
65	96038-SYD-10	2/7/1996	96038-SYD-10	Aroclor-1254	0	2.40	U	0.5	1.5	TEG
65	96284-CPS-02	10/10/1996	96284-CPS-02	Aroclor-1254	0	2.38	U	0.5	1	QAL
65	96303-CPS-14	10/29/1996	96303-CPS-14	Aroclor-1254	0	2.21	U	0	1.25	QAL
65	96303-CPS-15	10/29/1996	96303-CPS-15	Aroclor-1254	0	2.40	U	0	1	QAL
65	96037-SYD-04	2/6/1996	96037-SYD-04	Aroclor-1260	0	2.05	U	0	1.5	TEG
65	96038-SYD-10	2/7/1996	96038-SYD-10	Aroclor-1260	0	2.40	U	0.5	1.5	TEG
65	96284-CPS-02	10/10/1996	96284-CPS-02	Aroclor-1260	0	2.38	U	0.5	1	QAL
65	96303-CPS-14	10/29/1996	96303-CPS-14	Aroclor-1260	0	2.21	U	0	1.25	QAL
65	96303-CPS-15	10/29/1996	96303-CPS-15	Aroclor-1260	0	2.40	U	0	1	QAL
65	96037-SYD-04	2/6/1996	96037-SYD-04	Aroclor-1268	0	2.05	U	0	1.5	TEG
65	96038-SYD-10	2/7/1996	96038-SYD-10	Aroclor-1268	0	2.40	U	0.5	1.5	TEG
65	96284-CPS-02	10/10/1996	96284-CPS-02	Aroclor-1268	6.00	2.38		0.5	1	QAL
65	96289-CPS-06	10/15/1996	96289-CPS-06	Aroclor-1268	34.0	12.0		0	0.5	QAL
65	96303-CPS-14	10/29/1996	96303-CPS-14	Aroclor-1268	12.0	2.21		0	1.25	QAL
65	96303-CPS-15	10/29/1996	96303-CPS-15	Aroclor-1268	0	2.40	U	0	1	QAL
66	96261-CSA-01	9/17/1996	96261-CSA-01	Aroclor-1254	0	2.40	U	0.5	0.5	QAL
66	96262-CSA-02	9/18/1996	96262-CSA-02	Aroclor-1254	3.30	2.40		0.5	0.75	QAL
66	96270-sry-09	9/26/1996	96270-SRY-09	Aroclor-1254	0	2.35	U	0	1.5	QAL
66	96261-CSA-01	9/17/1996	96261-CSA-01	Aroclor-1260	0	2.40	U	0.5	0.5	QAL
66	96262-CSA-02	9/18/1996	96262-CSA-02	Aroclor-1260	0	2.40	U	0.5	0.75	QAL
66	96270-sry-09	9/26/1996	96270-SRY-09	Aroclor-1260	0	2.35	U	0	1.5	QAL
66	96261-CSA-01	9/17/1996	96261-CSA-01	Aroclor-1268	2.9	2.40		0.5	0.5	QAL
66	96262-CSA-02	9/18/1996	96262-CSA-02	Aroclor-1268	0	2.40	U	0.5	0.75	QAL
66	96270-sry-09	9/26/1996	96270-SRY-09	Aroclor-1268	0	2.35	U	0	1.5	QAL
68	97042-01	2/11/1997	97042-01	Aroclor-1254	0	2.26	U	0	1	QAL
68	97042-01	2/11/1997	97042-01	Aroclor-1260	0	2.26	U	0	1	QAL
68	97042-01	2/11/1997	97042-01	Aroclor-1268	2.70	2.26	J%R	0	1	QAL
69	LC-618-SLA	11/30/1994	LC-618	Aroclor-1254	0	0.040	U	0	1	ESD
69	96330-RI-07	11/25/1996	96330-RI-07	Aroclor-1254	0	2.22	U	0	1	QAL
69	LC-618-SLA	11/30/1994	LC-618	Aroclor-1260	0	0.040	U	0	1	ESD
69	96330-RI-07	11/25/1996	96330-RI-07	Aroclor-1260	0	2.22	U	0	1	QAL
69	96330-RI-07	11/25/1996	96330-RI-07	Aroclor-1268	0	2.22	U	0	1	QAL
70	LC-615-SLA	11/30/1994	LC-615	Aroclor-1254	0.11	0		0	1	ESD
70	08217-CS1-1.5	8/4/2008	CS1	Aroclor-1254	0	0.002	U	0.5	1.5	CAS
70	08217-CS1-0.5	8/4/2008	CS1	Aroclor-1254	0.20	0.017	D	0	0.5	CAS
70	LC-615-SLA	11/30/1994	LC-615	Aroclor-1260	1.40	0	N	0	1	ESD
70	08217-CS1-1.5	8/4/2008	CS1	Aroclor-1260	0	0.002	U	0.5	1.5	CAS
70	08217-CS1-0.5	8/4/2008	CS1	Aroclor-1260	0	0.017	U	0	0.5	CAS
70	08217-CS1-1.5	8/4/2008	CS1	Aroclor-1268	0.058	0.002		0.5	1.5	CAS
70	08217-CS1-0.5	8/4/2008	CS1	Aroclor-1268	1.20	0.017	D	0	0.5	CAS
71	LC-686-SLA	12/1/1994	LC-686	Aroclor-1254	0	0.038	U	0	1	ESD
71	LC-686-SLA	12/1/1994	LC-686	Aroclor-1260	0	0.038	U	0	1	ESD
71	LC-686-SLA	12/1/1994	LC-686	Aroclor-1268	0	0.038	U	0	1	ESD

Table C-3
OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
74	950088-04	3/29/1995	950088-04	Aroclor-1254	0	2.42	U	0	1	TEG
74	950089-10	3/30/1995	950089-10	Aroclor-1254	0	2.42	U	0	1	TEG
74	99159-LRC-05	6/8/1999	99159-LRC-05	Aroclor-1254	0	0.017	U	0	0.2	Kem
74	950088-04	3/29/1995	950088-04	Aroclor-1260	0	2.42	U	0	1	TEG
74	950089-10	3/30/1995	950089-10	Aroclor-1260	0	2.42	U	0	1	TEG
74	99159-LRC-05	6/8/1999	99159-LRC-05	Aroclor-1260	0	0.017	U	0	0.2	Kem
74	950088-04	3/29/1995	950088-04	Aroclor-1268	2.51	2.42		0	1	TEG
74	950089-10	3/30/1995	950089-10	Aroclor-1268	0	2.42	U	0	1	TEG
74	99159-LRC-05	6/8/1999	99159-LRC-05	Aroclor-1268	0.23	0.017		0	0.2	Kem
75	950079-05	3/20/1995	950079-05	Aroclor-1254	0	2.42	U	0	1	TEG
75	950079-07	3/20/1995	950079-07	Aroclor-1254	0	2.42	U	0	1	TEG
75	950080-05	3/21/1995	950080-05	Aroclor-1254	0	2.42	U	0	1	TEG
75	950081-07	3/23/1995	950081-07	Aroclor-1254	0	2.41	U	0	1	TEG
75	950081-09	3/23/1995	950081-09	Aroclor-1254	0	2.41	U	0	1	TEG
75	950081-10	3/23/1995	950081-10	Aroclor-1254	0	2.41	U	0	1	TEG
75	950081-13	3/23/1995	950081-13	Aroclor-1254	0	2.41	U	0	1	TEG
75	950081-03	3/23/1995	950081-03	Aroclor-1254	0	2.42	U	0	1	TEG
75	950086-01	3/27/1995	950086-01	Aroclor-1254	0	2.42	U	0	1	TEG
75	950086-03	3/27/1995	950086-03	Aroclor-1254	0	2.42	U	0	1	TEG
75	950086-07	3/27/1995	950086-07	Aroclor-1254	0	2.42	U	0	1	TEG
75	950086-10	3/27/1995	950086-10	Aroclor-1254	0	2.42	U	0	1	TEG
75	950086-12	3/27/1995	950086-12	Aroclor-1254	12.2	2.42		0	1	TEG
75	950159-01	6/8/1995	950159-01	Aroclor-1254	109	2.42		0	1	Teg
75	96044-01	2/13/1996	96044-01	Aroclor-1254	0	2.28	U	0	0	TEG
75	96044-SYD-14	2/13/1996	96044-SYD-14	Aroclor-1254	0	2.44	U	0	1.5	TEG
75	96085-SYD-59	3/25/1996	96085-SYD-59	Aroclor-1254	0	2.16	U	0	1	TEG
75	96123-SYD-94	5/2/1996	96123-SYD-94	Aroclor-1254	0	2.28	U	0	2	TEG
75	96123-SYD-90	5/2/1996	96123-SYD-90	Aroclor-1254	0	2.30	U	0	2	TEG
75	96123-SYD-92	5/2/1996	96123-SYD-92	Aroclor-1254	0	2.30	U	0	2	TEG
75	96260-19	9/16/1996	96260-19	Aroclor-1254	0	2.28	U	0	1	QAL
75	99074-USC-16	3/15/1999	99074-usc-16	Aroclor-1254	0	0.018	U	0	0.02	Kem
75	09129-SL24-0-2	5/9/2009	SL-24	Aroclor-1254	0.005	0.002	J	0	2	CAS
75	950079-07	3/20/1995	950079-07	Aroclor-1260	0	2.42	U	0	1	TEG
75	950079-05	3/20/1995	950079-05	Aroclor-1260	12.6	2.42		0	1	TEG
75	950080-05	3/21/1995	950080-05	Aroclor-1260	0	2.42	U	0	1	TEG
75	950081-10	3/23/1995	950081-10	Aroclor-1260	7.37	2.41		0	1	TEG
75	950081-07	3/23/1995	950081-07	Aroclor-1260	16.4	2.41		0	1	TEG
75	950081-09	3/23/1995	950081-09	Aroclor-1260	17.4	2.41		0	1	TEG
75	950081-13	3/23/1995	950081-13	Aroclor-1260	167	2.41		0	1	TEG
75	950081-03	3/23/1995	950081-03	Aroclor-1260	0	2.42	U	0	1	TEG
75	950086-01	3/27/1995	950086-01	Aroclor-1260	0	2.42	U	0	1	TEG
75	950086-03	3/27/1995	950086-03	Aroclor-1260	0	2.42	U	0	1	TEG
75	950086-07	3/27/1995	950086-07	Aroclor-1260	0	2.42	U	0	1	TEG
75	950086-10	3/27/1995	950086-10	Aroclor-1260	0	2.42	U	0	1	TEG
75	950086-12	3/27/1995	950086-12	Aroclor-1260	10.5	2.42		0	1	TEG
75	950159-01	6/8/1995	950159-01	Aroclor-1260	785	2.42		0	1	Teg
75	96044-01	2/13/1996	96044-01	Aroclor-1260	0	2.28	U	0	0	TEG
75	96044-SYD-14	2/13/1996	96044-SYD-14	Aroclor-1260	0	2.44	U	0	1.5	TEG
75	96085-SYD-59	3/25/1996	96085-SYD-59	Aroclor-1260	0	2.16	U	0	1	TEG
75	96123-SYD-94	5/2/1996	96123-SYD-94	Aroclor-1260	0	2.28	U	0	2	TEG
75	96123-SYD-90	5/2/1996	96123-SYD-90	Aroclor-1260	0	2.30	U	0	2	TEG
75	96123-SYD-92	5/2/1996	96123-SYD-92	Aroclor-1260	0	2.30	U	0	2	TEG
75	96260-19	9/16/1996	96260-19	Aroclor-1260	0	2.28	U	0	1	QAL
75	99074-USC-16	3/15/1999	99074-usc-16	Aroclor-1260	0	0.018	U	0	0.02	Kem
75	09129-SL24-0-2	5/9/2009	SL-24	Aroclor-1260	0	0.002	U	0	2	CAS
75	950079-07	3/20/1995	950079-07	Aroclor-1268	0	2.42	U	0	1	TEG
75	950079-05	3/20/1995	950079-05	Aroclor-1268	3.26	2.42		0	1	TEG
75	950080-05	3/21/1995	950080-05	Aroclor-1268	6.16	2.42		0	1	TEG
75	950081-10	3/23/1995	950081-10	Aroclor-1268	20.5	2.41		0	1	TEG
75	950081-09	3/23/1995	950081-09	Aroclor-1268	24.2	2.41		0	1	TEG

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OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
75	950081-07	3/23/1995	950081-07	Aroclor-1268	57.2	2.41		0	1	TEG
75	950081-13	3/23/1995	950081-13	Aroclor-1268	57.2	2.41		0	1	TEG
75	950081-03	3/23/1995	950081-03	Aroclor-1268	0	2.42	U	0	1	TEG
75	950086-01	3/27/1995	950086-01	Aroclor-1268	0	2.42	U	0	1	TEG
75	950086-03	3/27/1995	950086-03	Aroclor-1268	0	2.42	U	0	1	TEG
75	950086-07	3/27/1995	950086-07	Aroclor-1268	3.02	2.42		0	1	TEG
75	950086-12	3/27/1995	950086-12	Aroclor-1268	12.1	2.42		0	1	TEG
75	950086-10	3/27/1995	950086-10	Aroclor-1268	21.5	2.42		0	1	TEG
75	950159-01	6/8/1995	950159-01	Aroclor-1268	33.8	2.42		0	1	Teg
75	96044-01	2/13/1996	96044-01	Aroclor-1268	0	2.28	U	0	0	TEG
75	96044-SYD-14	2/13/1996	96044-SYD-14	Aroclor-1268	0	2.44	U	0	1.5	TEG
75	96085-SYD-59	3/25/1996	96085-SYD-59	Aroclor-1268	0	2.16	U	0	1	TEG
75	96123-SYD-94	5/2/1996	96123-SYD-94	Aroclor-1268	0	2.28	U	0	2	TEG
75	96123-SYD-92	5/2/1996	96123-SYD-92	Aroclor-1268	4.38	2.30		0	2	TEG
75	96123-SYD-90	5/2/1996	96123-SYD-90	Aroclor-1268	9.56	2.30		0	2	TEG
75	96260-19	9/16/1996	96260-19	Aroclor-1268	0	2.28	U	0	1	QAL
75	99074-USC-16	3/15/1999	99074-usc-16	Aroclor-1268	0.034	0.018		0	0.02	Kem
75	09129-SL24-0-2	5/9/2009	SL-24	Aroclor-1268	0.053	0.002		0	2	CAS
77	94208-06	7/27/1994	94208-06	Aroclor-1254	7.13	0.80		0	1	Eco
77	GPT-02-1	3/23/1995	GPT-02	Aroclor-1254	0.31	0	P	0	2	Sav
77	GPT-01-1	3/23/1995	GPT-01	Aroclor-1254	0.43	0	P	0	2	Sav
77	GPT-00-1	3/23/1995	GPT-00	Aroclor-1254	0.68	0		0	2	Sav
77	96247-16	9/3/1996	96247-16	Aroclor-1254	6.10	2.15		0	1	QAL
77	96247-NRA-101	9/3/1996	96247-NRA-101	Aroclor-1254	0	2.17	U	0	1	QAL
77	96247-NRA-102	9/3/1996	96247-NRA-102	Aroclor-1254	0	2.18	U	0	1	QAL
77	96248-10	9/4/1996	96248-10	Aroclor-1254	0	2.24	U	0	1	QAL
77	96317-SRY-40	11/12/1996	96317-SRY-40	Aroclor-1254	0	2.28	U	0	1.25	QAL
77	94208-06	7/27/1994	94208-06	Aroclor-1260	0	0.80	U	0	1	Eco
77	GPT-02-1	3/23/1995	GPT-02	Aroclor-1260	0.39	0	XP	0	2	Sav
77	GPT-00-1	3/23/1995	GPT-00	Aroclor-1260	0.77	0	X	0	2	Sav
77	GPT-01-1	3/23/1995	GPT-01	Aroclor-1260	2.20	0	XPD	0	2	Sav
77	96247-16	9/3/1996	96247-16	Aroclor-1260	0	2.15	U	0	1	QAL
77	96247-NRA-101	9/3/1996	96247-NRA-101	Aroclor-1260	0	2.17	U	0	1	QAL
77	96247-NRA-102	9/3/1996	96247-NRA-102	Aroclor-1260	0	2.18	U	0	1	QAL
77	96248-10	9/4/1996	96248-10	Aroclor-1260	0	2.24	U	0	1	QAL
77	96317-SRY-40	11/12/1996	96317-SRY-40	Aroclor-1260	0	2.28	U	0	1.25	QAL
77	94208-06	7/27/1994	94208-06	Aroclor-1268	9.66	0.40		0	1	Eco
77	GPT-02-1	3/23/1995	GPT-02	Aroclor-1268	2.00	0	D	0	2	Sav
77	GPT-00-1	3/23/1995	GPT-00	Aroclor-1268	3.60	0	D	0	2	Sav
77	GPT-01-1	3/23/1995	GPT-01	Aroclor-1268	6.00	0	D	0	2	Sav
77	96247-16	9/3/1996	96247-16	Aroclor-1268	3.00	2.15		0	1	QAL
77	96247-NRA-101	9/3/1996	96247-NRA-101	Aroclor-1268	0	2.17	U	0	1	QAL
77	96247-NRA-102	9/3/1996	96247-NRA-102	Aroclor-1268	0	2.18	U	0	1	QAL
77	96248-10	9/4/1996	96248-10	Aroclor-1268	0	2.24	U	0	1	QAL
77	96317-SRY-40	11/12/1996	96317-SRY-40	Aroclor-1268	5.70	2.28		0	1.25	QAL
78	97034-05	2/3/1997	97034-05	Aroclor-1254	0	2.31	U	0	1	QAL
78	97034-03	2/3/1997	97034-03	Aroclor-1254	0	2.40	U	0	1	QAL
78	97034-05	2/3/1997	97034-05	Aroclor-1260	0	2.31	U	0	1	QAL
78	97034-03	2/3/1997	97034-03	Aroclor-1260	0	2.40	U	0	1	QAL
78	97034-05	2/3/1997	97034-05	Aroclor-1268	0	2.31	U	0	1	QAL
78	97034-03	2/3/1997	97034-03	Aroclor-1268	0	2.40	U	0	1	QAL
79	97034-01	2/3/1997	97034-01	Aroclor-1254	3.20	2.00		0	1	QAL
79	97036-01	2/5/1997	97036-01	Aroclor-1254	0	2.37	U	0	1	QAL
79	97034-01	2/3/1997	97034-01	Aroclor-1260	0	2.00	U	0	1	QAL
79	97036-01	2/5/1997	97036-01	Aroclor-1260	0	2.37	U	0	1	QAL
79	97034-01	2/3/1997	97034-01	Aroclor-1268	0	2.00	U	0	1	QAL
79	97036-01	2/5/1997	97036-01	Aroclor-1268	3.30	2.37		0	1	QAL
80	08101-PB-1	4/10/2008	PB-1	Aroclor-1254	0.019	0.002		0	0.5	CAS
80	08102-PB-1-C	4/11/2008	PB-1	Aroclor-1254	0.049	0.002		0	0.5	CAS
80	08101-PB-1	4/10/2008	PB-1	Aroclor-1260	0	0.024	Ui	0	0.5	CAS

Table C-3
OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
80	08102-PB-1-C	4/11/2008	PB-1	Aroclor-1260	0	0.055	Ui	0	0.5	CAS
80	08101-PB-1	4/10/2008	PB-1	Aroclor-1268	0.091	0.002		0	0.5	CAS
80	08102-PB-1-C	4/11/2008	PB-1	Aroclor-1268	0.27	0.002		0	0.5	CAS
85	950089-01	3/30/1995	950089-01	Aroclor-1254	0	2.42	U	0	1	TEG
85	950093-01	4/3/1995	950093-01	Aroclor-1254	0	2.41	U	0	1	TEG
85	96081-SYD-57	3/21/1996	96081-SYD-57	Aroclor-1254	0	2.11	U	0	1	TEG
85	96115-04	4/25/1996	96115-04	Aroclor-1254	0	2.18	U	0	1.5	TEG
85	950089-01	3/30/1995	950089-01	Aroclor-1260	0	2.42	U	0	1	TEG
85	950093-01	4/3/1995	950093-01	Aroclor-1260	0	2.41	U	0	1	TEG
85	96081-SYD-57	3/21/1996	96081-SYD-57	Aroclor-1260	0	2.11	U	0	1	TEG
85	96115-04	4/25/1996	96115-04	Aroclor-1260	0	2.18	U	0	1.5	TEG
85	950089-01	3/30/1995	950089-01	Aroclor-1268	0	2.42	U	0	1	TEG
85	950093-01	4/3/1995	950093-01	Aroclor-1268	0	2.41	U	0	1	TEG
85	96081-SYD-57	3/21/1996	96081-SYD-57	Aroclor-1268	0	2.11	U	0	1	TEG
85	96115-04	4/25/1996	96115-04	Aroclor-1268	6.75	2.18	U	0	1.5	TEG
86	96081-SYD-56	3/21/1996	96081-SYD-56	Aroclor-1254	0	2.23	U	0	1	TEG
86	950228-SA1-1	8/17/1995	950228-SA1-1	Aroclor-1254	0	0.038	U	0	1	Pac
86	950228-SA1	8/17/1995	950228-SA1	Aroclor-1254	0	0.38	U	0	1	Pac
86	950241-SA3	8/29/1995	950241-SA3	Aroclor-1254	0	0.40	U	0	1	Pac
86	950242-SA6	8/30/1995	950242-SA6	Aroclor-1254	0	0.37	U	0	1	Pac
86	96232-13	8/19/1996	96232-13	Aroclor-1254	0	2.15	U	0	0.1	QAL
86	96233-03	8/20/1996	96233-03	Aroclor-1254	0	2.12	U	0	1	QAL
86	96233-05	8/20/1996	96233-05	Aroclor-1254	0	2.19	U	0	1	QAL
86	96262-NWF-10	9/18/1996	96262-NWF-10	Aroclor-1254	0	2.15	U	0	0.5	QAL
86	96262-NWF-13	9/18/1996	96262-NWF-13	Aroclor-1254	0	2.31	U	0.5	0.75	QAL
86	96262-NWF-15	9/18/1996	96262-NWF-15	Aroclor-1254	0	2.50	U	0.5	0.75	QAL
86	09129-SL16-0-1.5	5/9/2009	SL-16	Aroclor-1254	0.19	0.014		0	1.5	CAS
86	96081-SYD-56	3/21/1996	96081-SYD-56	Aroclor-1260	0	2.23	U	0	1	TEG
86	950228-SA1-1	8/17/1995	950228-SA1-1	Aroclor-1260	0	0.038	U	0	1	Pac
86	950228-SA1	8/17/1995	950228-SA1	Aroclor-1260	0	0.38	U	0	1	Pac
86	950241-SA3	8/29/1995	950241-SA3	Aroclor-1260	0.70	0.40		0	1	Pac
86	950242-SA6	8/30/1995	950242-SA6	Aroclor-1260	1.50	0.37		0	1	Pac
86	96232-13	8/19/1996	96232-13	Aroclor-1260	0	2.15	U	0	0.1	QAL
86	96233-03	8/20/1996	96233-03	Aroclor-1260	0	2.12	U	0	1	QAL
86	96233-05	8/20/1996	96233-05	Aroclor-1260	0	2.19	U	0	1	QAL
86	96262-NWF-10	9/18/1996	96262-NWF-10	Aroclor-1260	0	2.15	U	0	0.5	QAL
86	96262-NWF-13	9/18/1996	96262-NWF-13	Aroclor-1260	0	2.31	U	0.5	0.75	QAL
86	96262-NWF-15	9/18/1996	96262-NWF-15	Aroclor-1260	0	2.50	U	0.5	0.75	QAL
86	09129-SL16-0-1.5	5/9/2009	SL-16	Aroclor-1260	0	0.014	U	0	1.5	CAS
86	96081-SYD-56	3/21/1996	96081-SYD-56	Aroclor-1268	0	2.23	U	0	1	TEG
86	950228-SA1-1	8/17/1995	950228-SA1-1	Aroclor-1268	0	0.038	U	0	1	Pac
86	950228-SA1	8/17/1995	950228-SA1	Aroclor-1268	1.10	0.38		0	1	Pac
86	950241-SA3	8/29/1995	950241-SA3	Aroclor-1268	1.50	0.40		0	1	Pac
86	950242-SA6	8/30/1995	950242-SA6	Aroclor-1268	2.20	0.37		0	1	Pac
86	96232-13	8/19/1996	96232-13	Aroclor-1268	0	2.15	U	0	0.1	QAL
86	96233-03	8/20/1996	96233-03	Aroclor-1268	0	2.12	U	0	1	QAL
86	96233-05	8/20/1996	96233-05	Aroclor-1268	0	2.19	U	0	1	QAL
86	96262-NWF-10	9/18/1996	96262-NWF-10	Aroclor-1268	0	2.15	U	0	0.5	QAL
86	96262-NWF-13	9/18/1996	96262-NWF-13	Aroclor-1268	0	2.31	U	0.5	0.75	QAL
86	96262-NWF-15	9/18/1996	96262-NWF-15	Aroclor-1268	0	2.50	U	0.5	0.75	QAL
86	09129-SL16-0-1.5	5/9/2009	SL-16	Aroclor-1268	0.69	0.014		0	1.5	CAS
87	96254-NWF-02	9/10/1996	96254-NWF-02	Aroclor-1254	0	2.21	U	0.5	1	QAL
87	96254-NWF-01	9/10/1996	96254-NWF-01	Aroclor-1254	0	2.30	U	0.5	1.3	QAL
87	96255-NWF-03	9/11/1996	96255-NWF-03	Aroclor-1254	0	2.35	U	0.5	0.75	QAL
87	96256-NWF-04	9/12/1996	96256-NWF-04	Aroclor-1254	8.10	2.24		0.5	0.75	QAL
87	96256-NWF-05	9/12/1996	96256-NWF-05	Aroclor-1254	0	2.28	U	0.5	0.75	QAL
87	96260-NWF-07	9/16/1996	96260-NWF-07	Aroclor-1254	0	2.23	U	0.5	0.75	QAL
87	96260-NWF-06	9/16/1996	96260-NWF-06	Aroclor-1254	0	2.52	U	0.5	0.75	QAL
87	96262-NWF-11	9/18/1996	96262-NWF-11	Aroclor-1254	0	2.20	U	0	1	QAL
87	96262-NWF-09	9/18/1996	96262-NWF-09	Aroclor-1254	0	2.23	U	0.5	1	QAL

Table C-3
OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
87	96263-NWF-18	9/19/1996	96263-NWF-18	Aroclor-1254	0	2.07	U	0	0.5	QAL
87	96263-NWF-16	9/19/1996	96263-NWF-16	Aroclor-1254	0	2.31	U	0.5	0.75	QAL
87	96254-NWF-02	9/10/1996	96254-NWF-02	Aroclor-1260	0	2.21	U	0.5	1	QAL
87	96254-NWF-01	9/10/1996	96254-NWF-01	Aroclor-1260	0	2.30	U	0.5	1.3	QAL
87	96255-NWF-03	9/11/1996	96255-NWF-03	Aroclor-1260	0	2.35	U	0.5	0.75	QAL
87	96256-NWF-04	9/12/1996	96256-NWF-04	Aroclor-1260	0	2.24	U	0.5	0.75	QAL
87	96256-NWF-05	9/12/1996	96256-NWF-05	Aroclor-1260	0	2.28	U	0.5	0.75	QAL
87	96260-NWF-07	9/16/1996	96260-NWF-07	Aroclor-1260	0	2.23	U	0.5	0.75	QAL
87	96260-NWF-06	9/16/1996	96260-NWF-06	Aroclor-1260	0	2.52	U	0.5	0.75	QAL
87	96262-NWF-11	9/18/1996	96262-NWF-11	Aroclor-1260	0	2.20	U	0	1	QAL
87	96262-NWF-09	9/18/1996	96262-NWF-09	Aroclor-1260	0	2.23	U	0.5	1	QAL
87	96263-NWF-18	9/19/1996	96263-NWF-18	Aroclor-1260	0	2.07	U	0	0.5	QAL
87	96263-NWF-16	9/19/1996	96263-NWF-16	Aroclor-1260	0	2.31	U	0.5	0.75	QAL
87	96254-NWF-02	9/10/1996	96254-NWF-02	Aroclor-1268	9.00	2.21		0.5	1	QAL
87	96254-NWF-01	9/10/1996	96254-NWF-01	Aroclor-1268	0	2.30	U	0.5	1.3	QAL
87	96255-NWF-03	9/11/1996	96255-NWF-03	Aroclor-1268	0	2.35	U	0.5	0.75	QAL
87	96256-NWF-04	9/12/1996	96256-NWF-04	Aroclor-1268	0	2.24	U	0.5	0.75	QAL
87	96256-NWF-05	9/12/1996	96256-NWF-05	Aroclor-1268	0	2.28	U	0.5	0.75	QAL
87	96260-NWF-07	9/16/1996	96260-NWF-07	Aroclor-1268	0	2.23	U	0.5	0.75	QAL
87	96260-NWF-06	9/16/1996	96260-NWF-06	Aroclor-1268	0	2.52	U	0.5	0.75	QAL
87	96262-NWF-11	9/18/1996	96262-NWF-11	Aroclor-1268	0	2.20	U	0	1	QAL
87	96262-NWF-09	9/18/1996	96262-NWF-09	Aroclor-1268	0	2.23	U	0.5	1	QAL
87	96263-NWF-18	9/19/1996	96263-NWF-18	Aroclor-1268	0	2.07	U	0	0.5	QAL
87	96263-NWF-16	9/19/1996	96263-NWF-16	Aroclor-1268	0	2.31	U	0.5	0.75	QAL
88	94208-05	7/27/1994	94208-05	Aroclor-1254	4.11	0.40		0	1	Eco
88	GPT-11-1	3/23/1995	GPT-11	Aroclor-1254	0.024	0	PJ	0	2	Sav
88	GPT-21-1	3/23/1995	GPT-21	Aroclor-1254	0.17	0	P	0	2	Sav
88	GPT-20-1	3/23/1995	GPT-20	Aroclor-1254	1.40	0	D	0	2	Sav
88	GPT-10-1	3/23/1995	GPT-10	Aroclor-1254	1.60	0	P	0	2	Sav
88	GPT-12-1	3/23/1995	GPT-12	Aroclor-1254	1.60	0	D	0	2	Sav
88	GPT-22-1	3/23/1995	GPT-22	Aroclor-1254	0	0.038	U	0	2	Sav
88	96268-03	9/24/1996	96268-03	Aroclor-1254	0	2.19	U	0	1	QAL
88	96268-09	9/24/1996	96268-09	Aroclor-1254	0	2.21	U	0	1	QAL
88	96268-05	9/24/1996	96268-05	Aroclor-1254	0	2.25	U	0	1	QAL
88	96268-07	9/24/1996	96268-07	Aroclor-1254	0	2.28	U	0	1	QAL
88	96275-nrea-01	10/1/1996	96275-NREA-01	Aroclor-1254	0	2.34	U	0.25	1	QAL
88	09129-SL26-0-2	5/9/2009	SL-26	Aroclor-1254	0.003	0.002	J	0	2	CAS
88	94208-05	7/27/1994	94208-05	Aroclor-1260	0	0.40	U	0	1	Eco
88	GPT-11-1	3/23/1995	GPT-11	Aroclor-1260	0.044	0	XP	0	2	Sav
88	GPT-22-1	3/23/1995	GPT-22	Aroclor-1260	0.25	0		0	2	Sav
88	GPT-20-1	3/23/1995	GPT-20	Aroclor-1260	0.26	0	XP	0	2	Sav
88	GPT-10-1	3/23/1995	GPT-10	Aroclor-1260	0.48	0	XP	0	2	Sav
88	GPT-12-1	3/23/1995	GPT-12	Aroclor-1260	0.80	0	XPD	0	2	Sav
88	GPT-21-1	3/23/1995	GPT-21	Aroclor-1260	0	0.078	U	0	2	Sav
88	96268-03	9/24/1996	96268-03	Aroclor-1260	0	2.19	U	0	1	QAL
88	96268-09	9/24/1996	96268-09	Aroclor-1260	0	2.21	U	0	1	QAL
88	96268-05	9/24/1996	96268-05	Aroclor-1260	0	2.25	U	0	1	QAL
88	96268-07	9/24/1996	96268-07	Aroclor-1260	0	2.28	U	0	1	QAL
88	96275-nrea-01	10/1/1996	96275-NREA-01	Aroclor-1260	0	2.34	U	0.25	1	QAL
88	09129-SL26-0-2	5/9/2009	SL-26	Aroclor-1260	0	0.002	U	0	2	CAS
88	94208-05	7/27/1994	94208-05	Aroclor-1268	4.35	0.20		0	1	Eco
88	GPT-11-1	3/23/1995	GPT-11	Aroclor-1268	0.10	0		0	2	Sav
88	GPT-20-1	3/23/1995	GPT-20	Aroclor-1268	0.43	0		0	2	Sav
88	GPT-10-1	3/23/1995	GPT-10	Aroclor-1268	0.46	0		0	2	Sav
88	GPT-21-1	3/23/1995	GPT-21	Aroclor-1268	0.54	0		0	2	Sav
88	GPT-22-1	3/23/1995	GPT-22	Aroclor-1268	0.76	0	D	0	2	Sav
88	GPT-12-1	3/23/1995	GPT-12	Aroclor-1268	1.50	0	D	0	2	Sav
88	96268-03	9/24/1996	96268-03	Aroclor-1268	0	2.19	U	0	1	QAL
88	96268-09	9/24/1996	96268-09	Aroclor-1268	4.20	2.21		0	1	QAL
88	96268-05	9/24/1996	96268-05	Aroclor-1268	0	2.25	U	0	1	QAL

Table C-3
OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
88	96268-07	9/24/1996	96268-07	Aroclor-1268	7.50	2.28		0	1	QAL
88	96275-nrea-01	10/1/1996	96275-NREA-01	Aroclor-1268	6.60	2.34		0.25	1	QAL
88	09129-SL26-0-2	5/9/2009	SL-26	Aroclor-1268	0.009	0.002		0	2	CAS
89	96235-11	8/22/1996	96235-11	Aroclor-1254	0	2.27	U	0	1	QAL
89	96235-09	8/22/1996	96235-09	Aroclor-1254	0	2.28	U	0	1	QAL
89	96235-07	8/22/1996	96235-07	Aroclor-1254	0	2.33	U	0	1	QAL
89	96247-11	9/3/1996	96247-11	Aroclor-1254	14.0	2.16		0	1	QAL
89	96247-14	9/3/1996	96247-14	Aroclor-1254	4.70	2.17		0	1	QAL
89	97034-07	2/3/1997	97034-07	Aroclor-1254	0	2.29	U	0	1	QAL
89	97071-02	3/12/1997	97071-02	Aroclor-1254	2.20	2.07		0	0.1	QAL
89	97071-03	3/12/1997	97071-03	Aroclor-1254	2.10	2.13		0	0.1	QAL
89	08101-HG-3	4/10/2008	HG-3	Aroclor-1254	0.23	0.009	D	0	0.5	CAS
89	08101-AC-3	4/10/2008	AC-3	Aroclor-1254	28.0	0.091	D	0	0.5	CAS
89	08102-HG-3-C	4/11/2008	HG-3	Aroclor-1254	0.24	0.017	D	0	0.5	CAS
89	08102-AC-3-C	4/11/2008	AC-3	Aroclor-1254	4.40	0.034	D	0	0.5	CAS
89	96235-11	8/22/1996	96235-11	Aroclor-1260	0	2.27	U	0	1	QAL
89	96235-09	8/22/1996	96235-09	Aroclor-1260	0	2.28	U	0	1	QAL
89	96235-07	8/22/1996	96235-07	Aroclor-1260	0	2.33	U	0	1	QAL
89	96247-11	9/3/1996	96247-11	Aroclor-1260	0	2.16	U	0	1	QAL
89	96247-14	9/3/1996	96247-14	Aroclor-1260	0	2.17	U	0	1	QAL
89	97034-07	2/3/1997	97034-07	Aroclor-1260	0	2.29	U	0	1	QAL
89	97071-02	3/12/1997	97071-02	Aroclor-1260	0	2.07	U	0	0.1	QAL
89	97071-03	3/12/1997	97071-03	Aroclor-1260	0	2.13	U	0	0.1	QAL
89	08101-HG-3	4/10/2008	HG-3	Aroclor-1260	0	0.009	U	0	0.5	CAS
89	08101-AC-3	4/10/2008	AC-3	Aroclor-1260	0	0.091	U	0	0.5	CAS
89	08102-HG-3-C	4/11/2008	HG-3	Aroclor-1260	0	0.017	U	0	0.5	CAS
89	08102-AC-3-C	4/11/2008	AC-3	Aroclor-1260	0	0.034	U	0	0.5	CAS
89	96235-11	8/22/1996	96235-11	Aroclor-1268	0	2.27	U	0	1	QAL
89	96235-09	8/22/1996	96235-09	Aroclor-1268	0	2.28	U	0	1	QAL
89	96235-07	8/22/1996	96235-07	Aroclor-1268	0	2.33	U	0	1	QAL
89	96247-11	9/3/1996	96247-11	Aroclor-1268	7.60	2.16		0	1	QAL
89	96247-14	9/3/1996	96247-14	Aroclor-1268	6.00	2.17		0	1	QAL
89	97034-07	2/3/1997	97034-07	Aroclor-1268	0	2.29	U	0	1	QAL
89	97071-02	3/12/1997	97071-02	Aroclor-1268	5.20	2.07		0	0.1	QAL
89	97071-03	3/12/1997	97071-03	Aroclor-1268	4.30	2.13		0	0.1	QAL
89	08101-HG-3	4/10/2008	HG-3	Aroclor-1268	0.55	0.009	D	0	0.5	CAS
89	08101-AC-3	4/10/2008	AC-3	Aroclor-1268	8.90	0.091	D	0	0.5	CAS
89	08102-HG-3-C	4/11/2008	HG-3	Aroclor-1268	0.57	0.017	D	0	0.5	CAS
89	08102-AC-3-C	4/11/2008	AC-3	Aroclor-1268	6.10	0.034	D	0	0.5	CAS
90	96318-SBC-03	11/13/1996	96318-SBC-03	Aroclor-1254	2.90	2.23		0	2	QAL
90	97028-08	1/28/1997	97028-08	Aroclor-1254	0	2.37	U	0	1.7	QAL
90	97028-10	1/28/1997	97028-10	Aroclor-1254	0	2.38	U	0	1.8	QAL
90	97036-03	2/5/1997	97036-03	Aroclor-1254	0	2.23	U	0	1	QAL
90	97071-04	3/12/1997	97071-04	Aroclor-1254	0	2.17	U	0	0.1	QAL
90	96318-SBC-03	11/13/1996	96318-SBC-03	Aroclor-1260	0	2.23	U	0	2	QAL
90	97028-08	1/28/1997	97028-08	Aroclor-1260	0	2.37	U	0	1.7	QAL
90	97028-10	1/28/1997	97028-10	Aroclor-1260	0	2.38	U	0	1.8	QAL
90	97036-03	2/5/1997	97036-03	Aroclor-1260	0	2.23	U	0	1	QAL
90	97071-04	3/12/1997	97071-04	Aroclor-1260	0	2.17	U	0	0.1	QAL
90	96318-SBC-03	11/13/1996	96318-SBC-03	Aroclor-1268	9.10	2.23		0	2	QAL
90	97028-08	1/28/1997	97028-08	Aroclor-1268	0	2.37	U	0	1.7	QAL
90	97028-10	1/28/1997	97028-10	Aroclor-1268	0	2.38	U	0	1.8	QAL
90	97036-03	2/5/1997	97036-03	Aroclor-1268	0	2.23	U	0	1	QAL
90	97071-04	3/12/1997	97071-04	Aroclor-1268	0	2.17	U	0	0.1	QAL
91	LC-613-SLA	11/30/1994	LC-613	Aroclor-1254	0	0.080	U	0	1	ESD
91	LC-613-SLA	11/30/1994	LC-613	Aroclor-1260	0.85	0	N	0	1	ESD
92	97043-RBT-01	2/12/1997	97043-RBT-01	Aroclor-1254	0	2.21	U	0.7	2	QAL
92	97043-RBT-01	2/12/1997	97043-RBT-01	Aroclor-1260	0	2.21	U	0.7	2	QAL
92	97043-RBT-01	2/12/1997	97043-RBT-01	Aroclor-1268	0	2.21	U	0.7	2	QAL
96	950242-SA9	8/30/1995	950242-SA9	Aroclor-1254	0	0.037	U	0	1	Pac

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GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
96	950242-SA5	8/30/1995	950242-SA5	Aroclor-1254	0	0.36	U	0	1	Pac
96	950242-SA8	8/30/1995	950242-SA8	Aroclor-1254	0	0.37	U	0	1	Pac
96	950242-SA9	8/30/1995	950242-SA9	Aroclor-1260	0.14	0.037		0	1	Pac
96	950242-SA5	8/30/1995	950242-SA5	Aroclor-1260	0	0.36	U	0	1	Pac
96	950242-SA8	8/30/1995	950242-SA8	Aroclor-1260	1.20	0.37		0	1	Pac
96	950242-SA9	8/30/1995	950242-SA9	Aroclor-1268	0.30	0.037		0	1	Pac
96	950242-SA5	8/30/1995	950242-SA5	Aroclor-1268	0.46	0.36		0	1	Pac
96	950242-SA8	8/30/1995	950242-SA8	Aroclor-1268	1.30	0.37		0	1	Pac
97	950254-HA15-1	9/11/1995	HA-15	Aroclor-1254	0	2.42	U	0	1	TEG
97	950254-HA16-1	9/11/1995	HA-16	Aroclor-1254	0	2.42	U	0	1	TEG
97	950254-HA17-1	9/11/1995	HA-17	Aroclor-1254	0	2.42	U	0	1	TEG
97	950254-HA18-1	9/11/1995	HA-18	Aroclor-1254	0	2.42	U	0	1	TEG
97	AC7-0	1/10/1995	AC7	Aroclor-1254	0	0.039	U	0	2	Col
97	96207-09	7/25/1996	96207-09	Aroclor-1254	0	2.38	U	0	1	QAL
97	96207-04	7/25/1996	96207-04	Aroclor-1254	0	2.40	U	0	1	QAL
97	96207-01	7/25/1996	96207-01	Aroclor-1254	0	2.42	U	0	1	QAL
97	96207-06	7/25/1996	96207-06	Aroclor-1254	0	2.56	U	0	1	QAL
97	96207-10	7/25/1996	96207-10	Aroclor-1254	0	2.76	U	0	1	QAL
97	96207-07	7/25/1996	96207-07	Aroclor-1254	0	3.16	U	0	1	QAL
97	96239-14	8/26/1996	96239-14	Aroclor-1254	3.30	2.13		0	1	QAL
97	96239-07	8/26/1996	96239-07	Aroclor-1254	0	2.14	U	0	1	QAL
97	96239-15	8/26/1996	96239-15	Aroclor-1254	0	2.14	U	0	1	QAL
97	96290-03	10/16/1996	96290-03	Aroclor-1254	0	2.30	U	0	1	QAL
97	96291-09	10/17/1996	96291-09	Aroclor-1254	0	2.53	U	0	0	QAL
97	96303-NWF-29	10/29/1996	96303-NWF-29	Aroclor-1254	0	2.13	U	0	1.25	QAL
97	950254-HA15-1	9/11/1995	HA-15	Aroclor-1260	0	2.42	U	0	1	TEG
97	950254-HA16-1	9/11/1995	HA-16	Aroclor-1260	0	2.42	U	0	1	TEG
97	950254-HA17-1	9/11/1995	HA-17	Aroclor-1260	0	2.42	U	0	1	TEG
97	950254-HA18-1	9/11/1995	HA-18	Aroclor-1260	0	2.42	U	0	1	TEG
97	AC7-0	1/10/1995	AC7	Aroclor-1260	0.031	0	JP	0	2	Col
97	96207-09	7/25/1996	96207-09	Aroclor-1260	0	2.38	U	0	1	QAL
97	96207-04	7/25/1996	96207-04	Aroclor-1260	0	2.40	U	0	1	QAL
97	96207-01	7/25/1996	96207-01	Aroclor-1260	0	2.42	U	0	1	QAL
97	96207-06	7/25/1996	96207-06	Aroclor-1260	0	2.56	U	0	1	QAL
97	96207-10	7/25/1996	96207-10	Aroclor-1260	0	2.76	U	0	1	QAL
97	96207-07	7/25/1996	96207-07	Aroclor-1260	0	3.16	U	0	1	QAL
97	96239-14	8/26/1996	96239-14	Aroclor-1260	0	2.13	U	0	1	QAL
97	96239-07	8/26/1996	96239-07	Aroclor-1260	0	2.14	U	0	1	QAL
97	96239-15	8/26/1996	96239-15	Aroclor-1260	0	2.14	U	0	1	QAL
97	96290-03	10/16/1996	96290-03	Aroclor-1260	0	2.30	U	0	1	QAL
97	96291-09	10/17/1996	96291-09	Aroclor-1260	0	2.53	U	0	0	QAL
97	96303-NWF-29	10/29/1996	96303-NWF-29	Aroclor-1260	0	2.13	U	0	1.25	QAL
97	950254-HA15-1	9/11/1995	HA-15	Aroclor-1268	0	2.42	U	0	1	TEG
97	950254-HA16-1	9/11/1995	HA-16	Aroclor-1268	0	2.42	U	0	1	TEG
97	950254-HA17-1	9/11/1995	HA-17	Aroclor-1268	0	2.42	U	0	1	TEG
97	950254-HA18-1	9/11/1995	HA-18	Aroclor-1268	0	2.42	U	0	1	TEG
97	AC7-0	1/10/1995	AC7	Aroclor-1268	0	0.039	U	0	2	Col
97	96207-09	7/25/1996	96207-09	Aroclor-1268	0	2.38	U	0	1	QAL
97	96207-04	7/25/1996	96207-04	Aroclor-1268	0	2.40	U	0	1	QAL
97	96207-01	7/25/1996	96207-01	Aroclor-1268	0	2.42	U	0	1	QAL
97	96207-06	7/25/1996	96207-06	Aroclor-1268	0	2.56	U	0	1	QAL
97	96207-10	7/25/1996	96207-10	Aroclor-1268	0	2.76	U	0	1	QAL
97	96207-07	7/25/1996	96207-07	Aroclor-1268	0	3.16	U	0	1	QAL
97	96239-14	8/26/1996	96239-14	Aroclor-1268	0	2.13	U	0	1	QAL
97	96239-07	8/26/1996	96239-07	Aroclor-1268	0	2.14	U	0	1	QAL
97	96239-15	8/26/1996	96239-15	Aroclor-1268	0	2.14	U	0	1	QAL
97	96290-03	10/16/1996	96290-03	Aroclor-1268	0	2.30	U	0	1	QAL
97	96291-09	10/17/1996	96291-09	Aroclor-1268	4.80	2.53		0	0	QAL
97	96303-NWF-29	10/29/1996	96303-NWF-29	Aroclor-1268	0	2.13	U	0	1.25	QAL
98	GPT-42-1	3/23/1995	GPT-42	Aroclor-1254	0.10	0	P	0	2	Sav

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GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
98	GPT-41-1	3/23/1995	GPT-41	Aroclor-1254	0.31	0	P	0	2	Sav
98	GPT-32-1	3/23/1995	GPT-32	Aroclor-1254	0.81	0	PE	0	2	Sav
98	GPT-31-1	3/23/1995	GPT-31	Aroclor-1254	2.40	0	PD	0	2	Sav
98	96227-03	8/14/1996	96227-03	Aroclor-1254	0	2.16	U	0	1	QAL
98	96227-01	8/14/1996	96227-01	Aroclor-1254	0	2.20	U	0	1	QAL
98	96239-01	8/26/1996	96239-01	Aroclor-1254	0	2.10	U	0	1	QAL
98	96239-04	8/26/1996	96239-04	Aroclor-1254	0	2.11	U	0	1	QAL
98	96239-09	8/26/1996	96239-09	Aroclor-1254	0	2.11	U	0	1	QAL
98	96285-NREA-02	10/11/1996	96285-NREA-02	Aroclor-1254	0	2.34	U	0.75	1.5	QAL
98	GPT-31-1	3/23/1995	GPT-31	Aroclor-1260	0	0.038	U	0	2	Sav
98	GPT-41-1	3/23/1995	GPT-41	Aroclor-1260	0	0.038	U	0	2	Sav
98	GPT-32-1	3/23/1995	GPT-32	Aroclor-1260	0	0.039	U	0	2	Sav
98	GPT-42-1	3/23/1995	GPT-42	Aroclor-1260	0	0.040	U	0	2	Sav
98	96227-03	8/14/1996	96227-03	Aroclor-1260	0	2.16	U	0	1	QAL
98	96227-01	8/14/1996	96227-01	Aroclor-1260	0	2.20	U	0	1	QAL
98	96239-01	8/26/1996	96239-01	Aroclor-1260	0	2.10	U	0	1	QAL
98	96239-04	8/26/1996	96239-04	Aroclor-1260	0	2.11	U	0	1	QAL
98	96239-09	8/26/1996	96239-09	Aroclor-1260	7.30	2.11		0	1	QAL
98	96285-NREA-02	10/11/1996	96285-NREA-02	Aroclor-1260	0	2.34	U	0.75	1.5	QAL
98	GPT-41-1	3/23/1995	GPT-41	Aroclor-1268	0.032	0	J	0	2	Sav
98	GPT-42-1	3/23/1995	GPT-42	Aroclor-1268	0.056	0		0	2	Sav
98	GPT-31-1	3/23/1995	GPT-31	Aroclor-1268	0.071	0		0	2	Sav
98	GPT-32-1	3/23/1995	GPT-32	Aroclor-1268	0.44	0		0	2	Sav
98	96227-03	8/14/1996	96227-03	Aroclor-1268	0	2.16	U	0	1	QAL
98	96227-01	8/14/1996	96227-01	Aroclor-1268	0	2.20	U	0	1	QAL
98	96239-01	8/26/1996	96239-01	Aroclor-1268	0	2.10	U	0	1	QAL
98	96239-04	8/26/1996	96239-04	Aroclor-1268	0	2.11	U	0	1	QAL
98	96239-09	8/26/1996	96239-09	Aroclor-1268	21.0	2.11		0	1	QAL
98	96285-NREA-02	10/11/1996	96285-NREA-02	Aroclor-1268	0	2.34	U	0.75	1.5	QAL
99	96277-06	10/3/1996	96277-06	Aroclor-1254	0	2.32	U	0	1	QAL
99	96277-09	10/3/1996	96277-09	Aroclor-1254	0	2.39	U	0	1	QAL
99	96312-07	11/7/1996	96312-07	Aroclor-1254	0	2.20	U	0	1	QAL
99	97069-NCA-07	3/10/1997	97069-NCA-07	Aroclor-1254	0	2.18	U	0	1.5	QAL
99	97071-NCA-16	3/12/1997	97071-NCA-16	Aroclor-1254	0	2.14	U	0	1.7	QAL
99	97072-NCA-22	3/13/1997	97072-NCA-22	Aroclor-1254	0	2.13	U	0	1	QAL
99	97076-NCA-26	3/17/1997	97076-NCA-26	Aroclor-1254	2.60	2.12		0	1	QAL
99	09129-SL12-0-2	5/9/2009	SL-12	Aroclor-1254	0	0.002	U	0	2	CAS
99	96277-06	10/3/1996	96277-06	Aroclor-1260	0	2.32	U	0	1	QAL
99	96277-09	10/3/1996	96277-09	Aroclor-1260	0	2.39	U	0	1	QAL
99	96312-07	11/7/1996	96312-07	Aroclor-1260	0	2.20	U	0	1	QAL
99	97069-NCA-07	3/10/1997	97069-NCA-07	Aroclor-1260	0	2.18	U	0	1.5	QAL
99	97071-NCA-16	3/12/1997	97071-NCA-16	Aroclor-1260	0	2.14	U	0	1.7	QAL
99	97072-NCA-22	3/13/1997	97072-NCA-22	Aroclor-1260	0	2.13	U	0	1	QAL
99	97076-NCA-26	3/17/1997	97076-NCA-26	Aroclor-1260	0	2.12	U	0	1	QAL
99	09129-SL12-0-2	5/9/2009	SL-12	Aroclor-1260	0	0.002	U	0	2	CAS
99	96277-06	10/3/1996	96277-06	Aroclor-1268	0	2.32	U	0	1	QAL
99	96277-09	10/3/1996	96277-09	Aroclor-1268	0	2.39	U	0	1	QAL
99	96312-07	11/7/1996	96312-07	Aroclor-1268	0	2.20	U	0	1	QAL
99	97069-NCA-07	3/10/1997	97069-NCA-07	Aroclor-1268	0	2.18	U	0	1.5	QAL
99	97071-NCA-16	3/12/1997	97071-NCA-16	Aroclor-1268	0	2.14	U	0	1.7	QAL
99	97072-NCA-22	3/13/1997	97072-NCA-22	Aroclor-1268	0	2.13	U	0	1	QAL
99	97076-NCA-26	3/17/1997	97076-NCA-26	Aroclor-1268	0	2.12	U	0	1	QAL
99	09129-SL12-0-2	5/9/2009	SL-12	Aroclor-1268	0	0.002	U	0	2	CAS
100	96262-12	9/18/1996	96262-12	Aroclor-1254	0	2.26	U	0	1	QAL
100	96262-14	9/18/1996	96262-14	Aroclor-1254	0	2.27	U	0	1	QAL
100	96262-01	9/18/1996	96262-01	Aroclor-1254	0	2.33	U	0	1	QAL
100	96277-29	10/3/1996	96277-29	Aroclor-1254	0	2.28	U	0	1	QAL
100	96277-28	10/3/1996	96277-28	Aroclor-1254	0	2.83	U	0	1	QAL
100	96284-09	10/10/1996	96284-09	Aroclor-1254	0	3.16	U	0	1	QAL
100	97076-01	3/17/1997	97076-01	Aroclor-1254	2.90	2.23		0.3	0.5	QAL

Table C-3
OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
100	97128-01	5/8/1997	97128-01	Aroclor-1254	0	2.16	U	0	0.1	QAL
100	08101-PB-3	4/10/2008	PB-3	Aroclor-1254	0.10	0.002		0	0.5	CAS
100	08102-PB-3-C-R1	4/11/2008	PB-3	Aroclor-1254	0.20	0.002		0	0.5	CAS
100	08102-PB-3-C-R2	4/11/2008	PB-3	Aroclor-1254	0.93	0.017	D	0	0.5	CAS
100	96262-12	9/18/1996	96262-12	Aroclor-1260	0	2.26	U	0	1	QAL
100	96262-14	9/18/1996	96262-14	Aroclor-1260	0	2.27	U	0	1	QAL
100	96262-01	9/18/1996	96262-01	Aroclor-1260	0	2.33	U	0	1	QAL
100	96277-29	10/3/1996	96277-29	Aroclor-1260	0	2.28	U	0	1	QAL
100	96277-28	10/3/1996	96277-28	Aroclor-1260	0	2.83	U	0	1	QAL
100	96284-09	10/10/1996	96284-09	Aroclor-1260	0	3.16	U	0	1	QAL
100	97076-01	3/17/1997	97076-01	Aroclor-1260	0	2.23	U	0.3	0.5	QAL
100	97128-01	5/8/1997	97128-01	Aroclor-1260	0	2.16	U	0	0.1	QAL
100	08101-PB-3	4/10/2008	PB-3	Aroclor-1260	0	0.002	U	0	0.5	CAS
100	08102-PB-3-C-R2	4/11/2008	PB-3	Aroclor-1260	0	0.017	U	0	0.5	CAS
100	08102-PB-3-C-R1	4/11/2008	PB-3	Aroclor-1260	0	0.14	Ui	0	0.5	CAS
100	96262-12	9/18/1996	96262-12	Aroclor-1268	0	2.26	U	0	1	QAL
100	96262-14	9/18/1996	96262-14	Aroclor-1268	0	2.27	U	0	1	QAL
100	96262-01	9/18/1996	96262-01	Aroclor-1268	0	2.33	U	0	1	QAL
100	96277-29	10/3/1996	96277-29	Aroclor-1268	0	2.28	U	0	1	QAL
100	96277-28	10/3/1996	96277-28	Aroclor-1268	0	2.83	U	0	1	QAL
100	96284-09	10/10/1996	96284-09	Aroclor-1268	0	3.16	U	0	1	QAL
100	97076-01	3/17/1997	97076-01	Aroclor-1268	0	2.23	U	0.3	0.5	QAL
100	97128-01	5/8/1997	97128-01	Aroclor-1268	0	2.16	U	0	0.1	QAL
100	08101-PB-3	4/10/2008	PB-3	Aroclor-1268	0.028	0.002		0	0.5	CAS
100	08102-PB-3-C-R1	4/11/2008	PB-3	Aroclor-1268	0.20	0.002		0	0.5	CAS
100	08102-PB-3-C-R2	4/11/2008	PB-3	Aroclor-1268	0.78	0.017	D	0	0.5	CAS
101	LC-614-SLA	11/30/1994	LC-614	Aroclor-1254	0.12	0	N	0	1	ESD
101	LC-614-SLA	11/30/1994	LC-614	Aroclor-1260	0	0.47	U	0	1	ESD
102	LC-612-SLA	11/30/1994	LC-612	Aroclor-1254	0.10	0		0	1	ESD
102	96325-RI-03	11/20/1996	96325-RI-03	Aroclor-1254	0	2.28	U	0	1	QAL
102	LC-612-SLA	11/30/1994	LC-612	Aroclor-1260	0.90	0		0	1	ESD
102	96325-RI-03	11/20/1996	96325-RI-03	Aroclor-1260	0	2.28	U	0	1	QAL
102	96325-RI-03	11/20/1996	96325-RI-03	Aroclor-1268	0	2.28	U	0	1	QAL
105	96141-NRA-06	5/20/1996	96141-NRA-06	Aroclor-1254	0	2.19	U	0	1.5	TEG
105	96165-NRA-32	6/13/1996	96165-NRA-32	Aroclor-1254	0	2.19	U	0	1.5	TEG
105	96141-NRA-06	5/20/1996	96141-NRA-06	Aroclor-1260	0	2.19	U	0	1.5	TEG
105	96165-NRA-32	6/13/1996	96165-NRA-32	Aroclor-1260	0	2.19	U	0	1.5	TEG
105	96141-NRA-06	5/20/1996	96141-NRA-06	Aroclor-1268	0	2.19	U	0	1.5	TEG
105	96165-NRA-32	6/13/1996	96165-NRA-32	Aroclor-1268	0	2.19	U	0	1.5	TEG
106	97049-10	2/18/1997	97049-10	Aroclor-1254	0	2.23	U	0.1	0.1	QAL
106	97049-10	2/18/1997	97049-10	Aroclor-1260	0	2.23	U	0.1	0.1	QAL
106	97049-10	2/18/1997	97049-10	Aroclor-1268	0	2.23	U	0.1	0.1	QAL
107	96213-14	7/31/1996	96213-14	Aroclor-1254	0	2.31	U	0	0.1	QAL
107	96262-10	9/18/1996	96262-10	Aroclor-1254	0	2.14	U	0	1	QAL
107	96263-02	9/19/1996	96263-02	Aroclor-1254	0	2.30	U	0	1	QAL
107	96263-04	9/19/1996	96263-04	Aroclor-1254	0	2.33	U	0	1	QAL
107	96277-16	10/3/1996	96277-16	Aroclor-1254	0	2.33	U	0	1	QAL
107	96284-08	10/10/1996	96284-08	Aroclor-1254	0	2.44	U	0	1	QAL
107	96304-05	10/30/1996	96304-05	Aroclor-1254	0	2.18	U	0	1	QAL
107	96304-06	10/30/1996	96304-06	Aroclor-1254	0	2.20	U	0	1	QAL
107	96304-01	10/30/1996	96304-01	Aroclor-1254	0	2.27	U	0	1	QAL
107	97058-08	2/27/1997	97058-08	Aroclor-1254	0	2.23	U	0	0.1	QAL
107	97071-NCA-19	3/12/1997	97071-NCA-19	Aroclor-1254	0	2.07	U	0	1	QAL
107	97072-02	3/13/1997	97072-02	Aroclor-1254	0	2.10	U	0	0.25	QAL
107	97072-01	3/13/1997	97072-01	Aroclor-1254	0	2.30	U	0	0.25	QAL
107	97076-NCA-25	3/17/1997	97076-NCA-25	Aroclor-1254	0	2.19	U	0.5	1	QAL
107	96213-14	7/31/1996	96213-14	Aroclor-1260	0	2.31	U	0	0.1	QAL
107	96262-10	9/18/1996	96262-10	Aroclor-1260	0	2.14	U	0	1	QAL
107	96263-02	9/19/1996	96263-02	Aroclor-1260	0	2.30	U	0	1	QAL
107	96263-04	9/19/1996	96263-04	Aroclor-1260	0	2.33	U	0	1	QAL

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OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
107	96277-16	10/3/1996	96277-16	Aroclor-1260	0	2.33	U	0	1	QAL
107	96284-08	10/10/1996	96284-08	Aroclor-1260	0	2.44	U	0	1	QAL
107	96304-05	10/30/1996	96304-05	Aroclor-1260	0	2.18	U	0	1	QAL
107	96304-06	10/30/1996	96304-06	Aroclor-1260	0	2.20	U	0	1	QAL
107	96304-01	10/30/1996	96304-01	Aroclor-1260	0	2.27	U	0	1	QAL
107	97058-08	2/27/1997	97058-08	Aroclor-1260	0	2.23	U	0	0.1	QAL
107	97071-NCA-19	3/12/1997	97071-NCA-19	Aroclor-1260	0	2.07	U	0	1	QAL
107	97072-02	3/13/1997	97072-02	Aroclor-1260	0	2.10	U	0	0.25	QAL
107	97072-01	3/13/1997	97072-01	Aroclor-1260	0	2.30	U	0	0.25	QAL
107	97076-NCA-25	3/17/1997	97076-NCA-25	Aroclor-1260	0	2.19	U	0.5	1	QAL
107	96213-14	7/31/1996	96213-14	Aroclor-1268	0	2.31	U	0	0.1	QAL
107	96262-10	9/18/1996	96262-10	Aroclor-1268	0	2.14	U	0	1	QAL
107	96263-02	9/19/1996	96263-02	Aroclor-1268	0	2.30	U	0	1	QAL
107	96263-04	9/19/1996	96263-04	Aroclor-1268	0	2.33	U	0	1	QAL
107	96277-16	10/3/1996	96277-16	Aroclor-1268	0	2.33	U	0	1	QAL
107	96284-08	10/10/1996	96284-08	Aroclor-1268	0	2.44	U	0	1	QAL
107	96304-05	10/30/1996	96304-05	Aroclor-1268	0	2.18	U	0	1	QAL
107	96304-06	10/30/1996	96304-06	Aroclor-1268	0	2.20	U	0	1	QAL
107	96304-01	10/30/1996	96304-01	Aroclor-1268	0	2.27	U	0	1	QAL
107	97058-08	2/27/1997	97058-08	Aroclor-1268	0	2.23	U	0	0.1	QAL
107	97071-NCA-19	3/12/1997	97071-NCA-19	Aroclor-1268	0	2.07	U	0	1	QAL
107	97072-02	3/13/1997	97072-02	Aroclor-1268	0	2.10	U	0	0.25	QAL
107	97072-01	3/13/1997	97072-01	Aroclor-1268	0	2.30	U	0	0.25	QAL
107	97076-NCA-25	3/17/1997	97076-NCA-25	Aroclor-1268	0	2.19	U	0.5	1	QAL
108	96260-15	9/16/1996	96260-15	Aroclor-1254	0	2.21	U	0	1	QAL
108	96261-15	9/17/1996	96261-15	Aroclor-1254	0	2.11	U	0	1	QAL
108	96261-18	9/17/1996	96261-18	Aroclor-1254	0	2.23	U	0	1	QAL
108	96261-20	9/17/1996	96261-20	Aroclor-1254	0	2.26	U	0	1	QAL
108	96263-01	9/19/1996	96263-01	Aroclor-1254	0	2.32	U	0	0.5	QAL
108	96277-26	10/3/1996	96277-26	Aroclor-1254	0	2.54	U	0	1	QAL
108	96277-27	10/3/1996	96277-27	Aroclor-1254	0	2.78	U	0	1	QAL
108	96284-01	10/10/1996	96284-01	Aroclor-1254	0	2.51	U	0	1	QAL
108	96284-03	10/10/1996	96284-03	Aroclor-1254	0	2.75	U	0	0.5	QAL
108	96304-07	10/30/1996	96304-07	Aroclor-1254	0	2.36	U	0	1	QAL
108	97128-02	5/8/1997	97128-02	Aroclor-1254	0	2.08	U	0	0.1	QAL
108	96260-15	9/16/1996	96260-15	Aroclor-1260	0	2.21	U	0	1	QAL
108	96261-15	9/17/1996	96261-15	Aroclor-1260	0	2.11	U	0	1	QAL
108	96261-18	9/17/1996	96261-18	Aroclor-1260	0	2.23	U	0	1	QAL
108	96261-20	9/17/1996	96261-20	Aroclor-1260	0	2.26	U	0	1	QAL
108	96263-01	9/19/1996	96263-01	Aroclor-1260	0	2.32	U	0	0.5	QAL
108	96277-26	10/3/1996	96277-26	Aroclor-1260	0	2.54	U	0	1	QAL
108	96277-27	10/3/1996	96277-27	Aroclor-1260	0	2.78	U	0	1	QAL
108	96284-01	10/10/1996	96284-01	Aroclor-1260	0	2.51	U	0	1	QAL
108	96284-03	10/10/1996	96284-03	Aroclor-1260	0	2.75	U	0	0.5	QAL
108	96304-07	10/30/1996	96304-07	Aroclor-1260	0	2.36	U	0	1	QAL
108	97128-02	5/8/1997	97128-02	Aroclor-1260	0	2.08	U	0	0.1	QAL
108	96260-15	9/16/1996	96260-15	Aroclor-1268	0	2.21	U	0	1	QAL
108	96261-15	9/17/1996	96261-15	Aroclor-1268	0	2.11	U	0	1	QAL
108	96261-18	9/17/1996	96261-18	Aroclor-1268	0	2.23	U	0	1	QAL
108	96261-20	9/17/1996	96261-20	Aroclor-1268	0	2.26	U	0	1	QAL
108	96263-01	9/19/1996	96263-01	Aroclor-1268	0	2.32	U	0	0.5	QAL
108	96277-26	10/3/1996	96277-26	Aroclor-1268	0	2.54	U	0	1	QAL
108	96277-27	10/3/1996	96277-27	Aroclor-1268	0	2.78	U	0	1	QAL
108	96284-01	10/10/1996	96284-01	Aroclor-1268	0	2.51	U	0	1	QAL
108	96284-03	10/10/1996	96284-03	Aroclor-1268	0	2.75	U	0	0.5	QAL
108	96304-07	10/30/1996	96304-07	Aroclor-1268	0	2.36	U	0	1	QAL
108	97128-02	5/8/1997	97128-02	Aroclor-1268	0	2.08	U	0	0.1	QAL
109	LC-611-SLA	11/30/1994	LC-611	Aroclor-1254	0.063	0		0	1	ESD
109	LC-611-SLA	11/30/1994	LC-611	Aroclor-1260	0.30	0		0	1	ESD
110	96325-RI-05	11/20/1996	96325-RI-05	Aroclor-1254	0	2.14	U	0	1	QAL

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OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
110	96325-RI-05	11/20/1996	96325-RI-05	Aroclor-1260	0	2.14	U	0	1	QAL
110	96325-RI-05	11/20/1996	96325-RI-05	Aroclor-1268	0	2.14	U	0	1	QAL
111	LC-609-SLA	11/30/1994	LC-609	Aroclor-1254	0	0.036	U	0	1	ESD
111	96325-RI-01	11/20/1996	96325-RI-01	Aroclor-1254	0	2.16	U	0	1	QAL
111	LC-609-SLA	11/30/1994	LC-609	Aroclor-1260	0	0.036	U	0	1	ESD
111	96325-RI-01	11/20/1996	96325-RI-01	Aroclor-1260	0	2.16	U	0	1	QAL
111	96325-RI-01	11/20/1996	96325-RI-01	Aroclor-1268	0	2.16	U	0	1	QAL
113	950262-HA24-1	9/19/1995	HA-24	Aroclor-1254	0	2.42	U	0	1	TEG
113	96165-NRA-29	6/13/1996	96165-NRA-29	Aroclor-1254	0	2.33	U	0	1.5	TEG
113	950262-HA24-1	9/19/1995	HA-24	Aroclor-1260	0	2.42	U	0	1	TEG
113	96165-NRA-29	6/13/1996	96165-NRA-29	Aroclor-1260	0	2.33	U	0	1.5	TEG
113	950262-HA24-1	9/19/1995	HA-24	Aroclor-1268	0	2.42	U	0	1	TEG
113	96165-NRA-29	6/13/1996	96165-NRA-29	Aroclor-1268	0	2.33	U	0	1.5	TEG
114	950243-HA6-1	8/31/1995	HA-06	Aroclor-1254	0	2.42	U	0	1	TEG
114	950243-HA7-1	8/31/1995	HA-07	Aroclor-1254	0	2.42	U	0	1	TEG
114	950250-HA10-1	9/7/1995	HA-10	Aroclor-1254	0	2.42	U	0	1	TEG
114	97058-09	2/27/1997	97058-09	Aroclor-1254	0	2.24	U	0	0.1	QAL
114	950243-HA6-1	8/31/1995	HA-06	Aroclor-1260	0	2.42	U	0	1	TEG
114	950243-HA7-1	8/31/1995	HA-07	Aroclor-1260	0	2.42	U	0	1	TEG
114	950250-HA10-1	9/7/1995	HA-10	Aroclor-1260	0	2.42	U	0	1	TEG
114	97058-09	2/27/1997	97058-09	Aroclor-1260	0	2.24	U	0	0.1	QAL
114	950243-HA6-1	8/31/1995	HA-06	Aroclor-1268	0	2.42	U	0	1	TEG
114	950243-HA7-1	8/31/1995	HA-07	Aroclor-1268	0	2.42	U	0	1	TEG
114	950250-HA10-1	9/7/1995	HA-10	Aroclor-1268	0	2.42	U	0	1	TEG
114	97058-09	2/27/1997	97058-09	Aroclor-1268	0	2.24	U	0	0.1	QAL
116	96213-15	7/31/1996	96213-15	Aroclor-1254	0	2.07	U	0	0.1	QAL
116	96260-09	9/16/1996	96260-09	Aroclor-1254	0	2.09	U	0	1	QAL
116	96260-05	9/16/1996	96260-05	Aroclor-1254	0	2.15	U	0	1	QAL
116	96260-11	9/16/1996	96260-11	Aroclor-1254	0	2.22	U	0	1	QAL
116	96260-07	9/16/1996	96260-07	Aroclor-1254	0	2.24	U	0	1	QAL
116	96260-13	9/16/1996	96260-13	Aroclor-1254	0	2.28	U	0	1	QAL
116	96277-24	10/3/1996	96277-24	Aroclor-1254	0	2.24	U	0	1	QAL
116	96319-NCA-05	11/14/1996	96319-NCA-05	Aroclor-1254	0	2.20	U	0	1.5	QAL
116	96319-NCA-04	11/14/1996	96319-NCA-04	Aroclor-1254	0	2.48	U	0	1.5	QAL
116	97128-04	5/8/1997	97128-04	Aroclor-1254	0	2.01	U	0	0.1	QAL
116	97128-03	5/8/1997	97128-03	Aroclor-1254	0	2.38	U	0	0.1	QAL
116	96213-15	7/31/1996	96213-15	Aroclor-1260	0	2.07	U	0	0.1	QAL
116	96260-09	9/16/1996	96260-09	Aroclor-1260	0	2.09	U	0	1	QAL
116	96260-05	9/16/1996	96260-05	Aroclor-1260	0	2.15	U	0	1	QAL
116	96260-11	9/16/1996	96260-11	Aroclor-1260	0	2.22	U	0	1	QAL
116	96260-07	9/16/1996	96260-07	Aroclor-1260	0	2.24	U	0	1	QAL
116	96260-13	9/16/1996	96260-13	Aroclor-1260	0	2.28	U	0	1	QAL
116	96277-24	10/3/1996	96277-24	Aroclor-1260	0	2.24	U	0	1	QAL
116	96319-NCA-05	11/14/1996	96319-NCA-05	Aroclor-1260	0	2.20	U	0	1.5	QAL
116	96319-NCA-04	11/14/1996	96319-NCA-04	Aroclor-1260	0	2.48	U	0	1.5	QAL
116	97128-04	5/8/1997	97128-04	Aroclor-1260	0	2.01	U	0	0.1	QAL
116	97128-03	5/8/1997	97128-03	Aroclor-1260	0	2.38	U	0	0.1	QAL
116	96213-15	7/31/1996	96213-15	Aroclor-1268	0	2.07	U	0	0.1	QAL
116	96260-09	9/16/1996	96260-09	Aroclor-1268	0	2.09	U	0	1	QAL
116	96260-05	9/16/1996	96260-05	Aroclor-1268	0	2.15	U	0	1	QAL
116	96260-11	9/16/1996	96260-11	Aroclor-1268	0	2.22	U	0	1	QAL
116	96260-07	9/16/1996	96260-07	Aroclor-1268	0	2.24	U	0	1	QAL
116	96260-13	9/16/1996	96260-13	Aroclor-1268	0	2.28	U	0	1	QAL
116	96277-24	10/3/1996	96277-24	Aroclor-1268	0	2.24	U	0	1	QAL
116	96319-NCA-05	11/14/1996	96319-NCA-05	Aroclor-1268	0	2.20	U	0	1.5	QAL
116	96319-NCA-04	11/14/1996	96319-NCA-04	Aroclor-1268	0	2.48	U	0	1.5	QAL
116	97128-04	5/8/1997	97128-04	Aroclor-1268	0	2.01	U	0	0.1	QAL
116	97128-03	5/8/1997	97128-03	Aroclor-1268	0	2.38	U	0	0.1	QAL
117	LC-610-SLA	11/30/1994	LC-610	Aroclor-1254	0.13	0		0	1	ESD
117	LC-610-SLA	11/30/1994	LC-610	Aroclor-1260	0.24	0	N	0	1	ESD

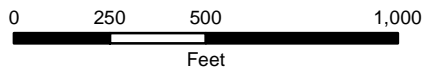
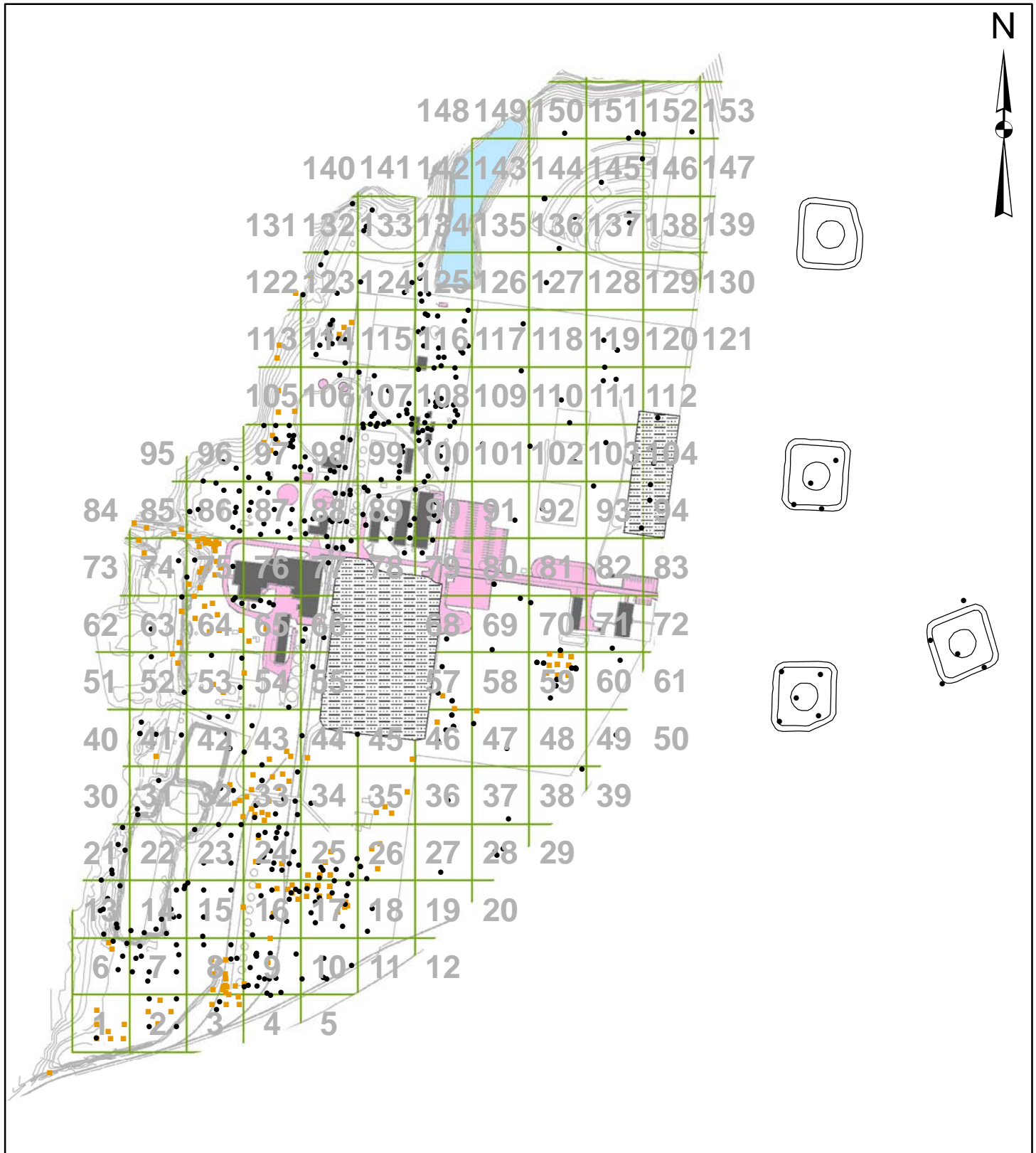
Table C-3
OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
119	LC-608-SLA	11/30/1994	LC-608	Aroclor-1254	0	0.035	U	0	1	ESD
119	08101-HG-1	4/10/2008	HG-1	Aroclor-1254	0.026	0.002		0	0.5	CAS
119	08102-HG-1-C	4/11/2008	HG-1	Aroclor-1254	0.070	0.002		0	0.5	CAS
119	09128-SL-8-0-2	5/8/2009	SL-8	Aroclor-1254	0.012	0.002		0	2	CAS
119	LC-608-SLA	11/30/1994	LC-608	Aroclor-1260	0	0.035	U	0	1	ESD
119	08101-HG-1	4/10/2008	HG-1	Aroclor-1260	0	0.024	Ui	0	0.5	CAS
119	08102-HG-1-C	4/11/2008	HG-1	Aroclor-1260	0	0.060	Ui	0	0.5	CAS
119	09128-SL-8-0-2	5/8/2009	SL-8	Aroclor-1260	0	0.002	U	0	2	CAS
119	08101-HG-1	4/10/2008	HG-1	Aroclor-1268	0.051	0.002		0	0.5	CAS
119	08102-HG-1-C	4/11/2008	HG-1	Aroclor-1268	0.18	0.002		0	0.5	CAS
119	09128-SL-8-0-2	5/8/2009	SL-8	Aroclor-1268	0.039	0.002		0	2	CAS
122	950262-HA25-1	9/19/1995	HA-25	Aroclor-1254	0	2.42	U	0	1	TEG
122	950262-HA25-1	9/19/1995	HA-25	Aroclor-1260	0	2.42	U	0	1	TEG
122	950262-HA25-1	9/19/1995	HA-25	Aroclor-1268	0	2.42	U	0	1	TEG
123	950262-HA26-1	9/19/1995	HA-26	Aroclor-1254	0	2.42	U	0	1	TEG
123	642-SLA	11/29/1994	LC-642	Aroclor-1254	0.044	0	JP	0	0	Col
123	950262-HA26-1	9/19/1995	HA-26	Aroclor-1260	0	2.42	U	0	1	TEG
123	642-SLA	11/29/1994	LC-642	Aroclor-1260	0.032	0	JP	0	0	Col
123	950262-HA26-1	9/19/1995	HA-26	Aroclor-1268	0	2.42	U	0	1	TEG
124	96298-01	10/24/1996	96298-01	Aroclor-1254	0	2.18	U	0	1	QAL
124	96312-10	11/7/1996	96312-10	Aroclor-1254	0	2.29	U	0	1	QAL
124	96312-12	11/7/1996	96312-12	Aroclor-1254	0	2.39	U	0	1	QAL
124	96298-01	10/24/1996	96298-01	Aroclor-1260	0	2.18	U	0	1	QAL
124	96312-10	11/7/1996	96312-10	Aroclor-1260	0	2.29	U	0	1	QAL
124	96312-12	11/7/1996	96312-12	Aroclor-1260	0	2.39	U	0	1	QAL
124	96298-01	10/24/1996	96298-01	Aroclor-1268	0	2.18	U	0	1	QAL
124	96312-10	11/7/1996	96312-10	Aroclor-1268	0	2.29	U	0	1	QAL
124	96312-12	11/7/1996	96312-12	Aroclor-1268	0	2.39	U	0	1	QAL
125	96277-18	10/3/1996	96277-18	Aroclor-1254	0	2.21	U	0	1	QAL
125	96277-20	10/3/1996	96277-20	Aroclor-1254	0	2.23	U	0	1	QAL
125	96296-08	10/22/1996	96296-08	Aroclor-1254	0	2.25	U	0	1	QAL
125	96296-10	10/22/1996	96296-10	Aroclor-1254	0	2.29	U	0	1	QAL
125	96319-NCA-06	11/14/1996	96319-NCA-06	Aroclor-1254	0	2.15	U	0	1.25	QAL
125	96277-18	10/3/1996	96277-18	Aroclor-1260	0	2.21	U	0	1	QAL
125	96277-20	10/3/1996	96277-20	Aroclor-1260	0	2.23	U	0	1	QAL
125	96296-08	10/22/1996	96296-08	Aroclor-1260	0	2.25	U	0	1	QAL
125	96296-10	10/22/1996	96296-10	Aroclor-1260	0	2.29	U	0	1	QAL
125	96319-NCA-06	11/14/1996	96319-NCA-06	Aroclor-1260	0	2.15	U	0	1.25	QAL
125	96277-18	10/3/1996	96277-18	Aroclor-1268	0	2.21	U	0	1	QAL
125	96277-20	10/3/1996	96277-20	Aroclor-1268	0	2.23	U	0	1	QAL
125	96296-08	10/22/1996	96296-08	Aroclor-1268	0	2.25	U	0	1	QAL
125	96296-10	10/22/1996	96296-10	Aroclor-1268	0	2.29	U	0	1	QAL
125	96319-NCA-06	11/14/1996	96319-NCA-06	Aroclor-1268	0	2.15	U	0	1.25	QAL
127	97133-01	5/13/1997	97133-01	Aroclor-1254	0	2.12	U	0	0.1	QAL
127	97133-01	5/13/1997	97133-01	Aroclor-1260	0	2.12	U	0	0.1	QAL
127	97133-01	5/13/1997	97133-01	Aroclor-1268	0	2.12	U	0	0.1	QAL
133	950276-HA28-1	10/3/1995	HA-28	Aroclor-1254	0	2.42	U	0	1	TEG
133	96242-09	8/29/1996	96242-09	Aroclor-1254	0	2.70	U	0	1	QAL
133	96242-08	8/29/1996	96242-08	Aroclor-1254	0	3.55	U	0	1	QAL
133	96242-07	8/29/1996	96242-07	Aroclor-1254	0	3.56	U	0	1	QAL
133	950276-HA28-1	10/3/1995	HA-28	Aroclor-1260	0	2.42	U	0	1	TEG
133	96242-09	8/29/1996	96242-09	Aroclor-1260	0	2.70	U	0	1	QAL
133	96242-08	8/29/1996	96242-08	Aroclor-1260	0	3.55	U	0	1	QAL
133	96242-07	8/29/1996	96242-07	Aroclor-1260	0	3.56	U	0	1	QAL
133	950276-HA28-1	10/3/1995	HA-28	Aroclor-1268	0	2.42	U	0	1	TEG
133	96242-09	8/29/1996	96242-09	Aroclor-1268	0	2.70	U	0	1	QAL
133	96242-08	8/29/1996	96242-08	Aroclor-1268	0	3.55	U	0	1	QAL
133	96242-07	8/29/1996	96242-07	Aroclor-1268	0	3.56	U	0	1	QAL
136	LC-603-SLA	11/29/1994	LC-603	Aroclor-1254	0	0.035	U	0	1	ESD
136	08101-LC-603	4/10/2008	LC-603	Aroclor-1254	0	0.002	U	0	0.5	CAS

Table C-3
OU3 PCBs Surface Soil Data for Ecological Area Averaging Sorted by Grid Cell

GRID	Sample ID	Sample Date	Location	Parameter	Result (mg/kg)	DL (mg/kg)	Qualifier	D1	D2	LAB
136	08102-LC-603-C-R3	4/11/2008	LC-603	Aroclor-1254	0.031	0.002		0	0.5	CAS
136	08102-LC-603-C-R2	4/11/2008	LC-603	Aroclor-1254	0.069	0.002		0	0.5	CAS
136	08102-LC-603-C-R1	4/11/2008	LC-603	Aroclor-1254	0	0.074	Ui	0	0.5	CAS
136	10349-DIT-5_0-1	12/15/2010	DIT-5	Aroclor-1254	0	0.029	Ui	0	1	CAS
136	10349-DIT-4_0-1	12/15/2010	DIT-4	Aroclor-1254	0	0.036	Ui	0	1	CAS
136	LC-603-SLA	11/29/1994	LC-603	Aroclor-1260	0	0.035	U	0	1	ESD
136	08101-LC-603	4/10/2008	LC-603	Aroclor-1260	0	0.023	Ui	0	0.5	CAS
136	08102-LC-603-C-R2	4/11/2008	LC-603	Aroclor-1260	0	0.002	U	0	0.5	CAS
136	08102-LC-603-C-R3	4/11/2008	LC-603	Aroclor-1260	0	0.002	U	0	0.5	CAS
136	08102-LC-603-C-R1	4/11/2008	LC-603	Aroclor-1260	0	0.13	Ui	0	0.5	CAS
136	10349-DIT-5_0-1	12/15/2010	DIT-5	Aroclor-1260	0.037	0.002	P	0	1	CAS
136	10349-DIT-4_0-1	12/15/2010	DIT-4	Aroclor-1260	0.087	0.002		0	1	CAS
136	08101-LC-603	4/10/2008	LC-603	Aroclor-1268	0.042	0.002		0	0.5	CAS
136	08102-LC-603-C-R3	4/11/2008	LC-603	Aroclor-1268	0.16	0.002		0	0.5	CAS
136	08102-LC-603-C-R2	4/11/2008	LC-603	Aroclor-1268	0.21	0.002		0	0.5	CAS
136	08102-LC-603-C-R1	4/11/2008	LC-603	Aroclor-1268	0.57	0.002		0	0.5	CAS
136	10349-DIT-5_0-1	12/15/2010	DIT-5	Aroclor-1268	0.092	0.002		0	1	CAS
136	10349-DIT-4_0-1	12/15/2010	DIT-4	Aroclor-1268	0.10	0.002		0	1	CAS
137	LC-602-SLA	11/30/1994	LC-602	Aroclor-1254	0	0.036	U	0	1	ESD
137	96330-RI-09	11/25/1996	96330-RI-09	Aroclor-1254	0	2.13	U	0	1	QAL
137	LC-602-SLA	11/30/1994	LC-602	Aroclor-1260	0	0.036	U	0	1	ESD
137	96330-RI-09	11/25/1996	96330-RI-09	Aroclor-1260	0	2.13	U	0	1	QAL
137	96330-RI-09	11/25/1996	96330-RI-09	Aroclor-1268	0	2.13	U	0	1	QAL
145	10349-DIT-2_0-1	12/15/2010	DIT-2	Aroclor-1254	0	0.002	U	0	1	CAS
145	10349-DIT-3_0-1	12/15/2010	DIT-3	Aroclor-1254	0	0.027	Ui	0	1	CAS
145	10349-DIT-3_0-1	12/15/2010	DIT-3	Aroclor-1260	0.027	0.002	P	0	1	CAS
145	10349-DIT-2_0-1	12/15/2010	DIT-2	Aroclor-1260	0	0.004	Ui	0	1	CAS
145	10349-DIT-2_0-1	12/15/2010	DIT-2	Aroclor-1268	0.005	0.002	J	0	1	CAS
145	10349-DIT-3_0-1	12/15/2010	DIT-3	Aroclor-1268	0	0.016	Ui	0	1	CAS
150	LC-604-SLA	11/30/1994	LC-604	Aroclor-1254	0	0.035	U	0	1	ESD
150	LC-604-SLA	11/30/1994	LC-604	Aroclor-1260	0	0.035	U	0	1	ESD
151	LC-601-SLA	11/30/1994	LC-601	Aroclor-1254	0	0.035	U	0	1	ESD
151	08101-LC-601	4/10/2008	LC-601	Aroclor-1254	0	0.002	U	0	0.5	CAS
151	08101-RI-15	4/10/2008	RI-15	Aroclor-1254	0	0.002	U	0	0.5	CAS
151	08102-LC-601-C	4/11/2008	LC-601	Aroclor-1254	0	0.028	Ui	0	0.5	CAS
151	LC-601-SLA	11/30/1994	LC-601	Aroclor-1260	0	0.035	U	0	1	ESD
151	08101-LC-601	4/10/2008	LC-601	Aroclor-1260	0	0.015	Ui	0	0.5	CAS
151	08101-RI-15	4/10/2008	RI-15	Aroclor-1260	0	0.018	Ui	0	0.5	CAS
151	08102-LC-601-C	4/11/2008	LC-601	Aroclor-1260	0	0.098	Ui	0	0.5	CAS
151	08101-LC-601	4/10/2008	LC-601	Aroclor-1268	0.021	0.002		0	0.5	CAS
151	08101-RI-15	4/10/2008	RI-15	Aroclor-1268	0.065	0.002		0	0.5	CAS
151	08102-LC-601-C	4/11/2008	LC-601	Aroclor-1268	0.24	0.002		0	0.5	CAS
152	96346-RI-15	12/11/1996	96346-RI-15	Aroclor-1254	0	0.035	U	0	1	Cor
152	96346-RI-15	12/11/1996	96346-RI-15	Aroclor-1254	0	2.28	U	0	1	Cor
152	10349-DIT-1_0.1	12/15/2010	DIT-1	Aroclor-1254	0.008	0.002		0	1	CAS
152	96346-RI-15	12/11/1996	96346-RI-15	Aroclor-1260	0	0.035	U	0	1	Cor
152	96346-RI-15	12/11/1996	96346-RI-15	Aroclor-1260	0	2.28	U	0	1	Cor
152	10349-DIT-1_0.1	12/15/2010	DIT-1	Aroclor-1260	0	0.002	U	0	1	CAS
152	96346-RI-15	12/11/1996	96346-RI-15	Aroclor-1268	0	0.035	U	0	1	Cor
152	96346-RI-15	12/11/1996	96346-RI-15	Aroclor-1268	0	2.28	U	0	1	Cor
152	10349-DIT-1_0.1	12/15/2010	DIT-1	Aroclor-1268	0.034	0.002		0	1	CAS

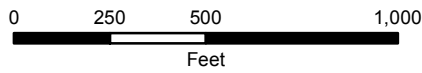
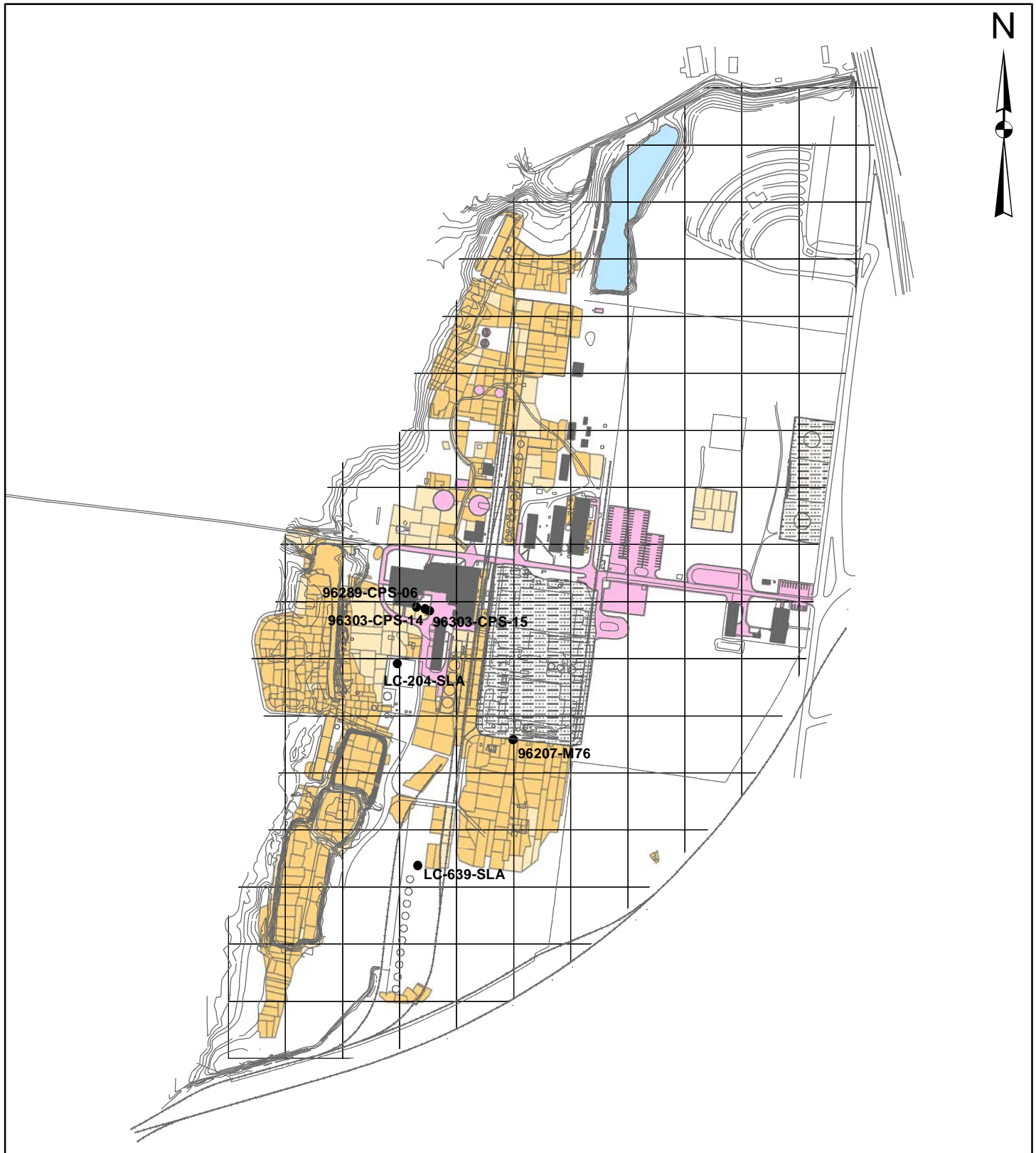
OU3 Surface Soil Sampling Locations (0 - 2 ft bgs) and Grid for Area Averaging of Data



Legend

- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations
- Capped
- Grid for Area Averaging
- TEG Sampling Locations
- Non-TEG Sampling Locations

OU3 Site Features and Soil Removal Areas



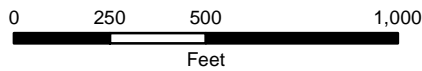
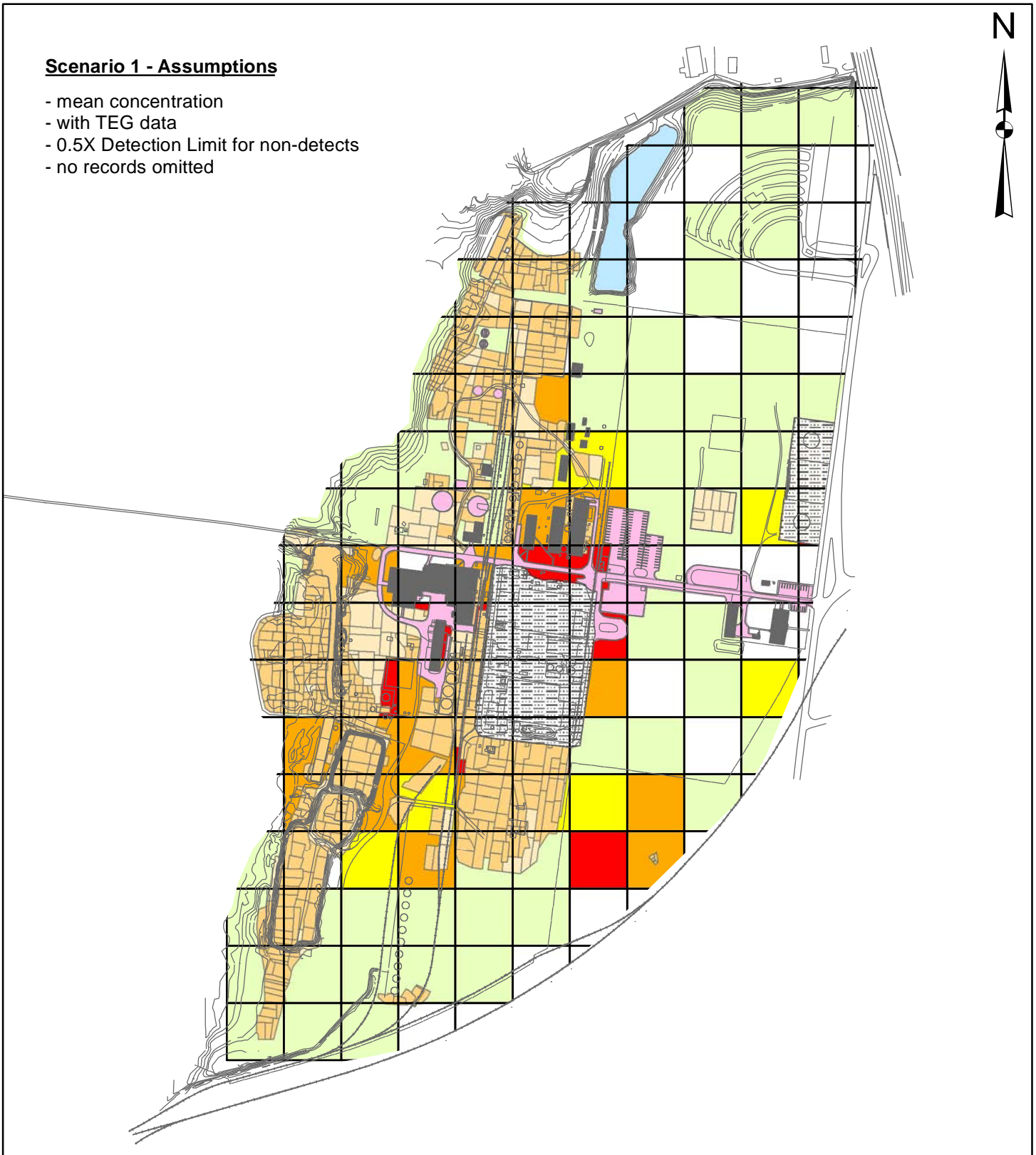
Legend

- | | | |
|--------------------------------|-------------------------------------|---|
| Site Features | 1994-97 Removal Action Areas | |
| Buildings | Capped | Samples "excluded" from Scenarios 4 and 5 |
| Freshwater Pond | < 1 ft backfill | Grid for Area Averaging |
| Concrete Slabs and Foundations | > 1ft backfill | |

Scenario 1 Mercury

Scenario 1 - Assumptions

- mean concentration
- with TEG data
- 0.5X Detection Limit for non-detects
- no records omitted



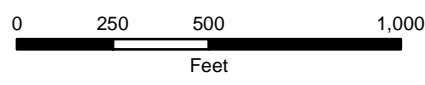
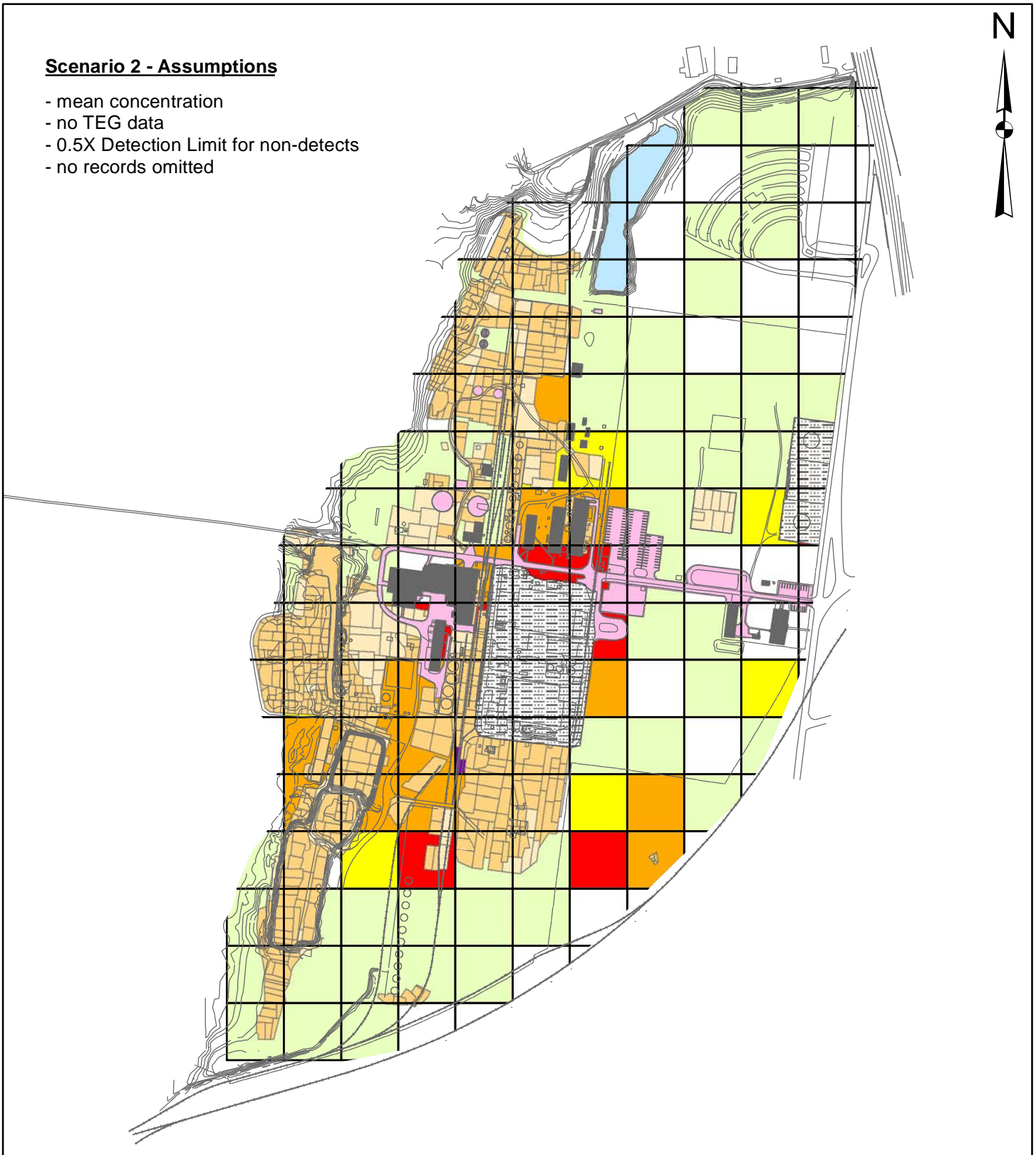
Legend

- | | | | |
|-------------------------------------|------------------------------|--------------------------------|--|
| — Site Features | 1994-97 Removal Action Areas | Scenario 1 - Mercury | 5 - 10 ppm
(> hawk LOAEL;
100% MeHg) |
| ■ Buildings | ■ Capped | □ No data | 10 - 50 ppm
(> hawk LOAEL;
50% MeHg) |
| ■ Freshwater Pond | ■ < 1 ft backfill | ■ < 3 ppm | > 50 ppm |
| ■ Concrete Slabs
and Foundations | ■ > 1ft backfill | ■ 3 - 5 ppm
(> shrew LOAEL) | |

Scenario 2 Mercury

Scenario 2 - Assumptions

- mean concentration
- no TEG data
- 0.5X Detection Limit for non-detects
- no records omitted



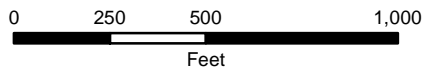
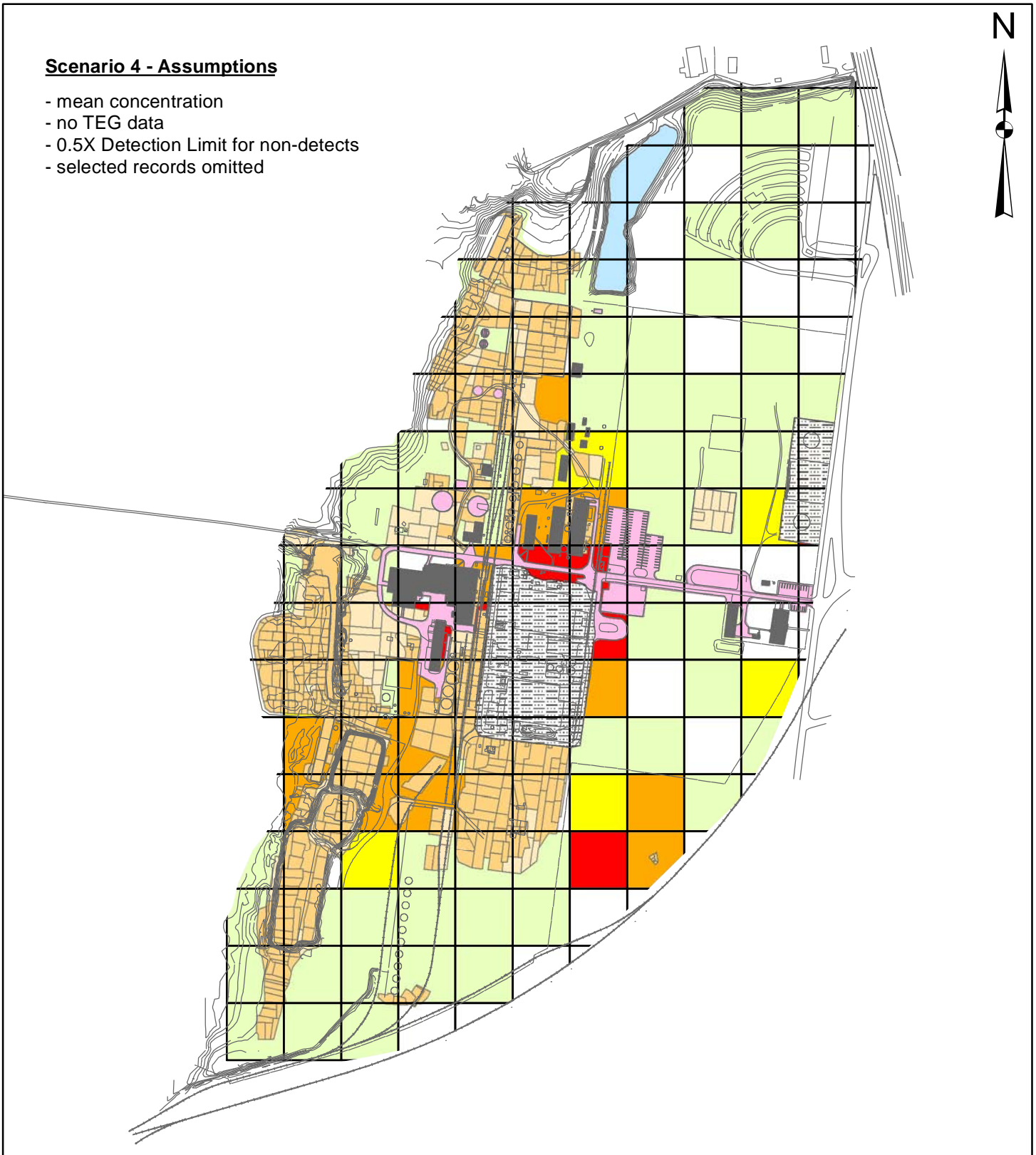
Legend

- | | | | | |
|-------------------------------------|------------------------------|--------------------------------|--------|--|
| — Site Features | 1994-97 Removal Action Areas | Scenario 2 - Mercury | Orange | 5 - 10 ppm
(> hawk LOAEL;
100% MeHg) |
| ■ Buildings | ■ Capped | □ No data | Red | 10 - 50 ppm
(> hawk LOAEL;
50% MeHg) |
| ■ Freshwater Pond | ■ < 1 ft backfill | ■ < 3 ppm | Purple | > 50 ppm |
| ■ Concrete Slabs
and Foundations | ■ > 1ft backfill | ■ 3 - 5 ppm
(> shrew LOAEL) | | |

Scenario 4 Mercury

Scenario 4 - Assumptions

- mean concentration
- no TEG data
- 0.5X Detection Limit for non-detects
- selected records omitted



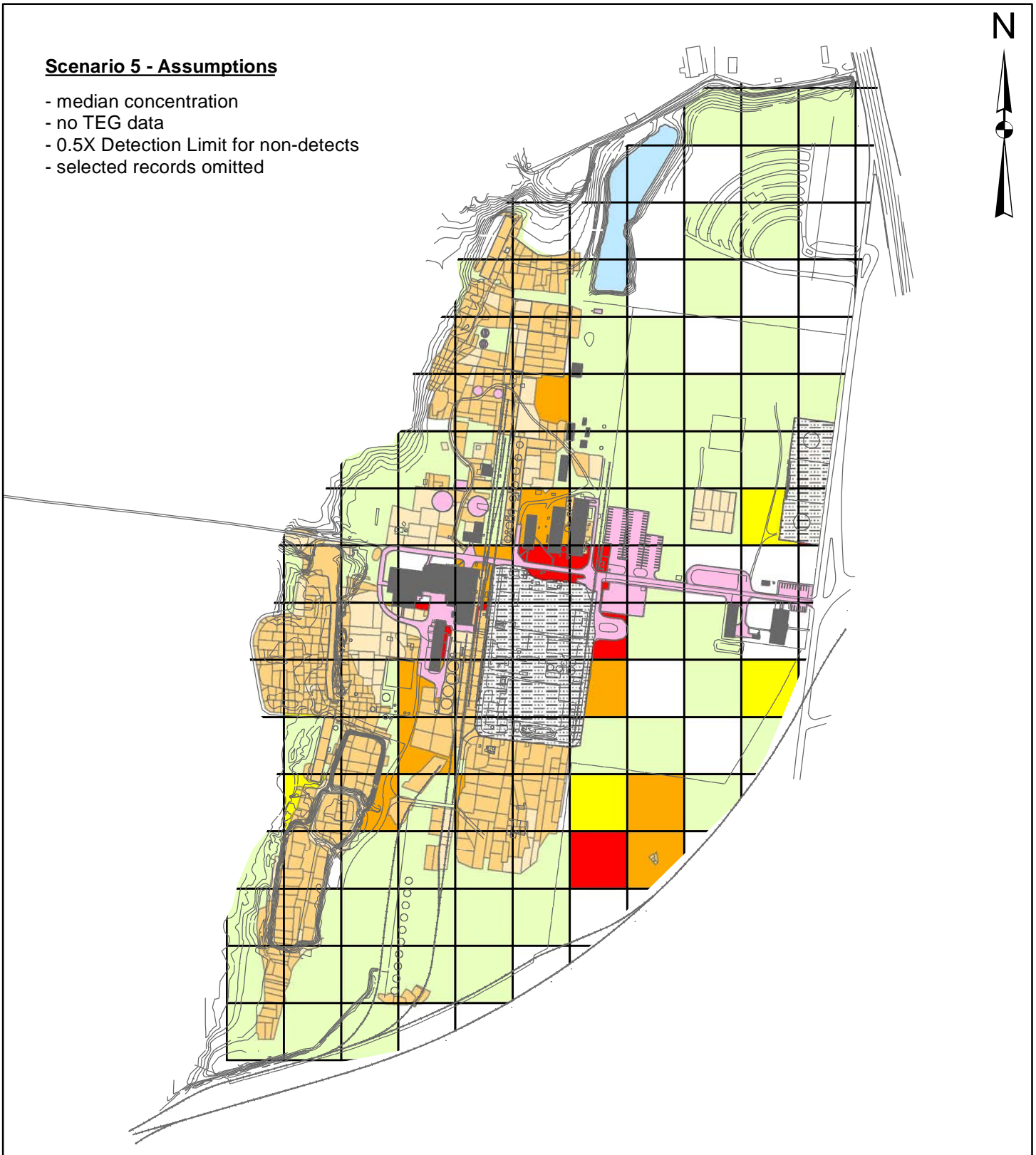
Legend

- | | | | |
|-------------------------------------|------------------------------|--------------------------------|--|
| — Site Features | 1994-97 Removal Action Areas | Scenario 4 - Mercury | 5 - 10 ppm
(> hawk LOAEL;
100% MeHg) |
| ■ Buildings | ■ Capped | □ No data | 10 - 50 ppm
(> hawk LOAEL;
50% MeHg) |
| ■ Freshwater Pond | ■ < 1 ft backfill | ■ < 3 ppm | > 50 ppm |
| ■ Concrete Slabs
and Foundations | ■ > 1ft backfill | ■ 3 - 5 ppm
(> shrew LOAEL) | |

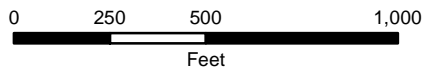
Scenario 5 Mercury

Scenario 5 - Assumptions

- median concentration
- no TEG data
- 0.5X Detection Limit for non-detects
- selected records omitted



Legend



- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations

1994-97 Removal Action Areas

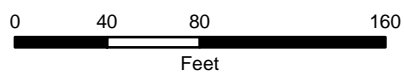
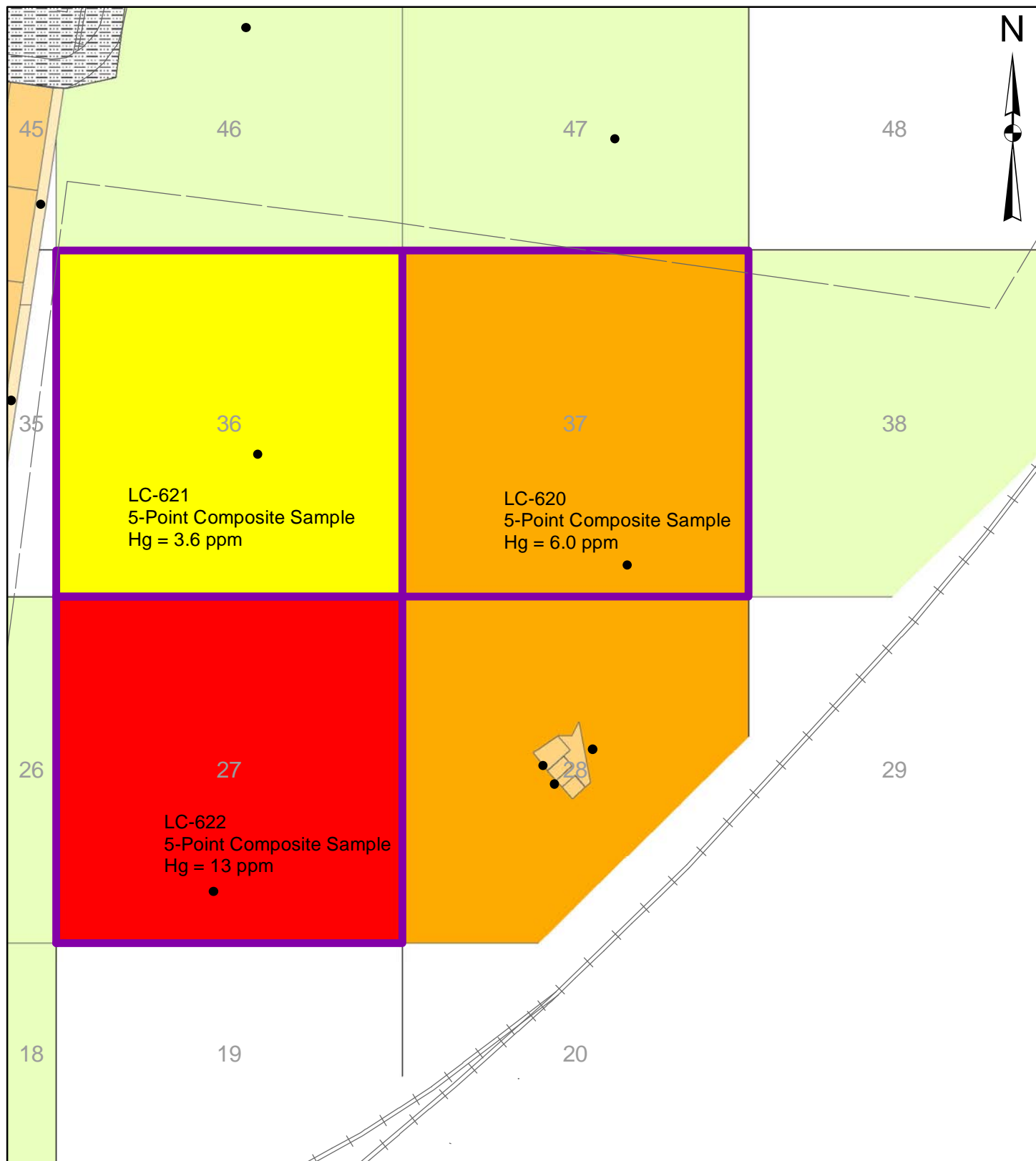
- Capped
- < 1 ft backfill
- > 1ft backfill

Scenario 5 - Mercury

- No data
- < 3 ppm
- 3 - 5 ppm (> shrew LOAEL)

- 5 - 10 ppm (> hawk LOAEL; 100% MeHg)
- 10 - 50 ppm (> hawk LOAEL; 50% MeHg)
- > 50 ppm

Sampling Uncertainties for Quadrant 2 Grid Cells with Elevated Mercury Concentrations



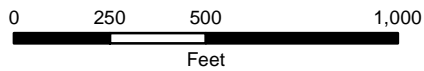
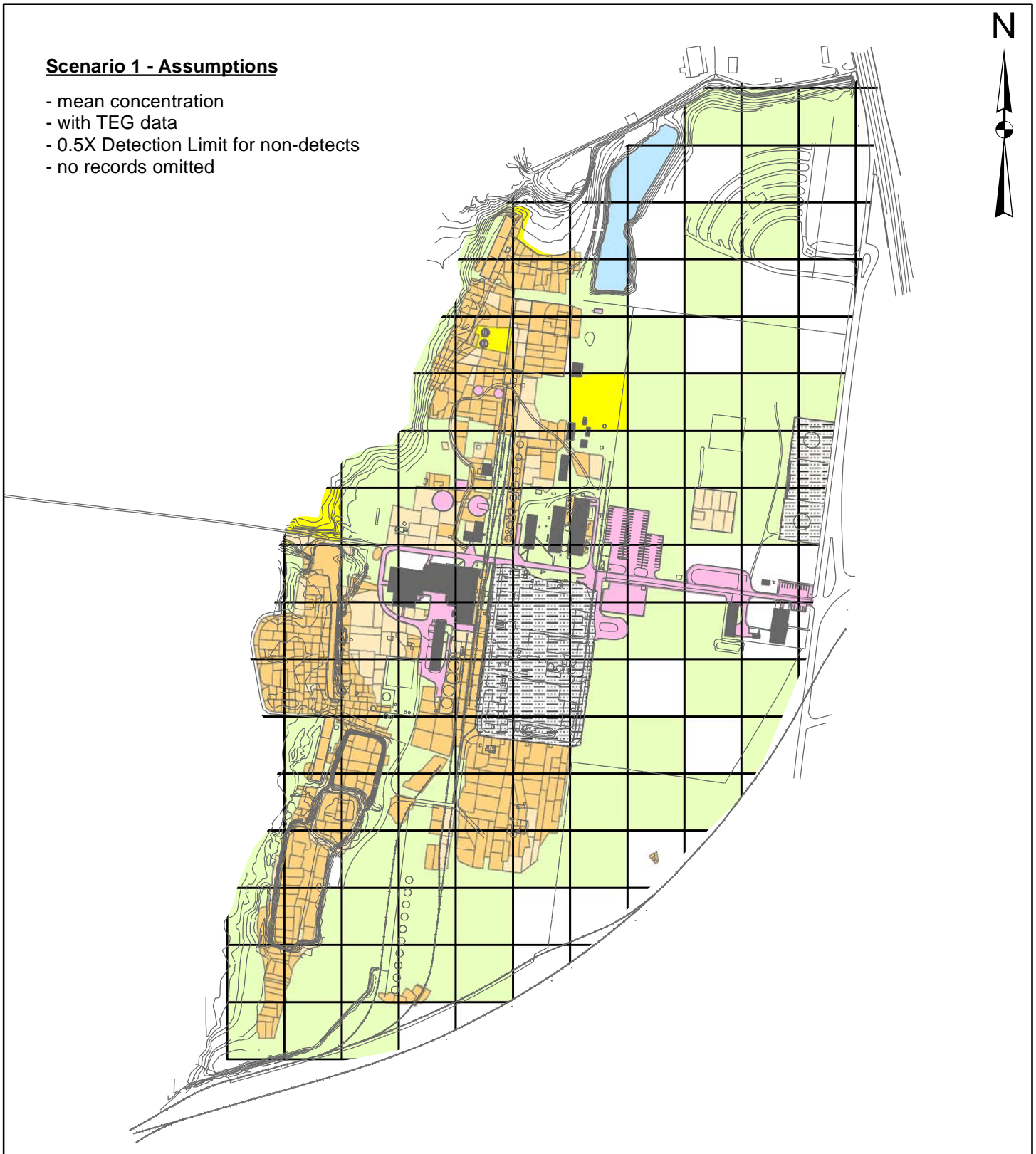
Legend

- | | | |
|---|---|--|
| <ul style="list-style-type: none"> — Site Features ■ Buildings ■ Freshwater Pond ■ Concrete Slabs and Foundations | <h4>1994-97 Removal Action Areas</h4> <ul style="list-style-type: none"> ■ Capped ■ < 1 ft backfill ■ > 1ft backfill | <h4>Scenario 2 - Mercury</h4> <ul style="list-style-type: none"> □ No data ■ < 3 ppm ■ 3 - 5 ppm (> shrew LOAEL) ■ 5 - 10 ppm (> hawk LOAEL; 100% MeHg) ■ 10 - 50 ppm (> hawk LOAEL; 50% MeHg) ■ > 50 ppm |
|---|---|--|

Scenario 1 Lead

Scenario 1 - Assumptions

- mean concentration
- with TEG data
- 0.5X Detection Limit for non-detects
- no records omitted



Legend

- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations

1994-97 Removal Action Areas

- Capped
- < 1 ft backfill
- > 1 ft backfill

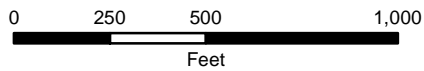
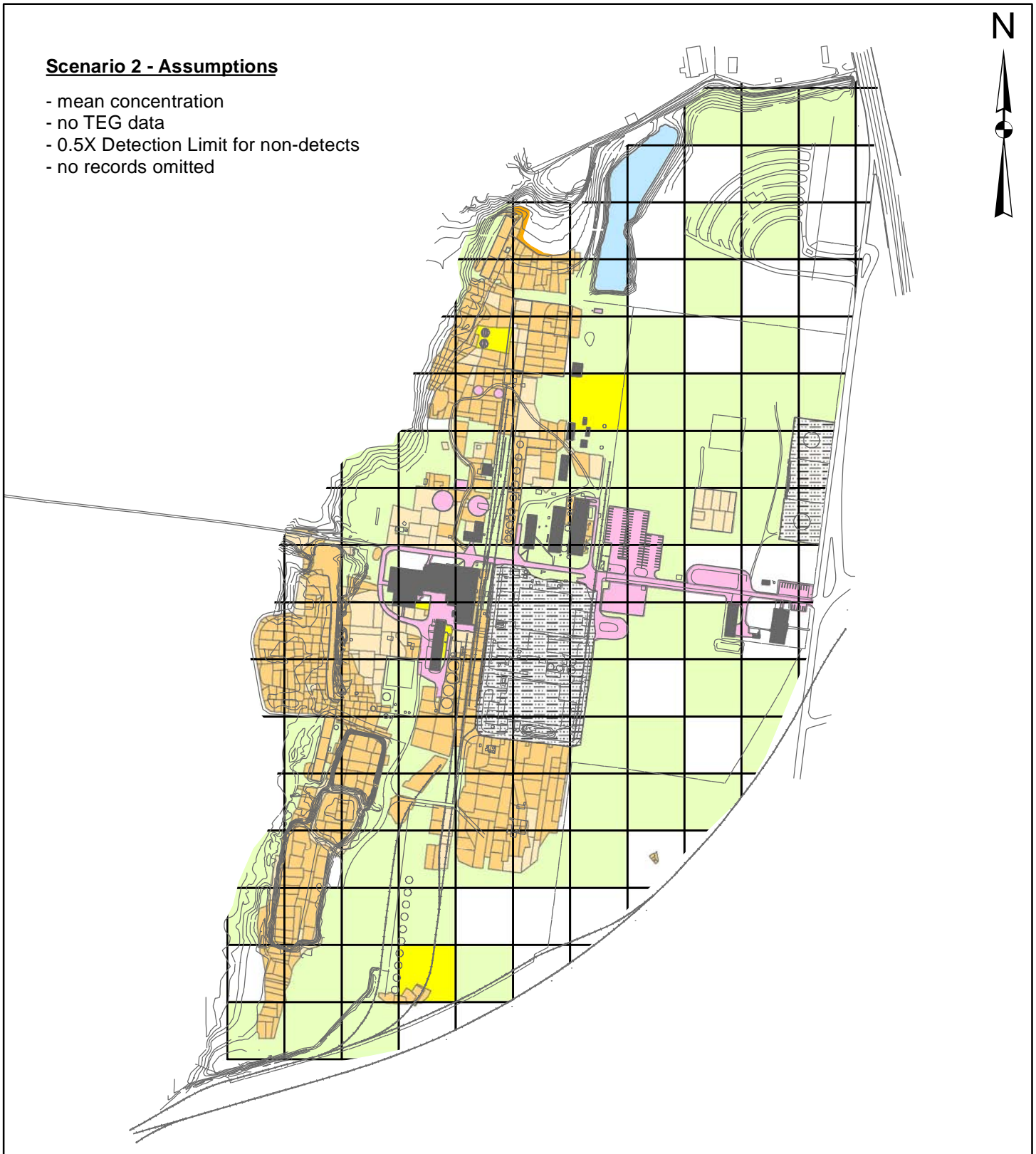
Scenario 1 - Lead

- No data
- < 400 ppm
- 400 - 1000 ppm (> dove LOAEL)
- 1000 - 2000 ppm
- 2000 - 2400 ppm
- > 2400 ppm (>shrew LOAEL)

Scenario 2 Lead

Scenario 2 - Assumptions

- mean concentration
- no TEG data
- 0.5X Detection Limit for non-detects
- no records omitted



Legend

- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations

1994-97 Removal Action Areas

- Capped
- < 1 ft backfill
- > 1ft backfill

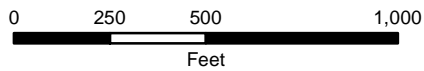
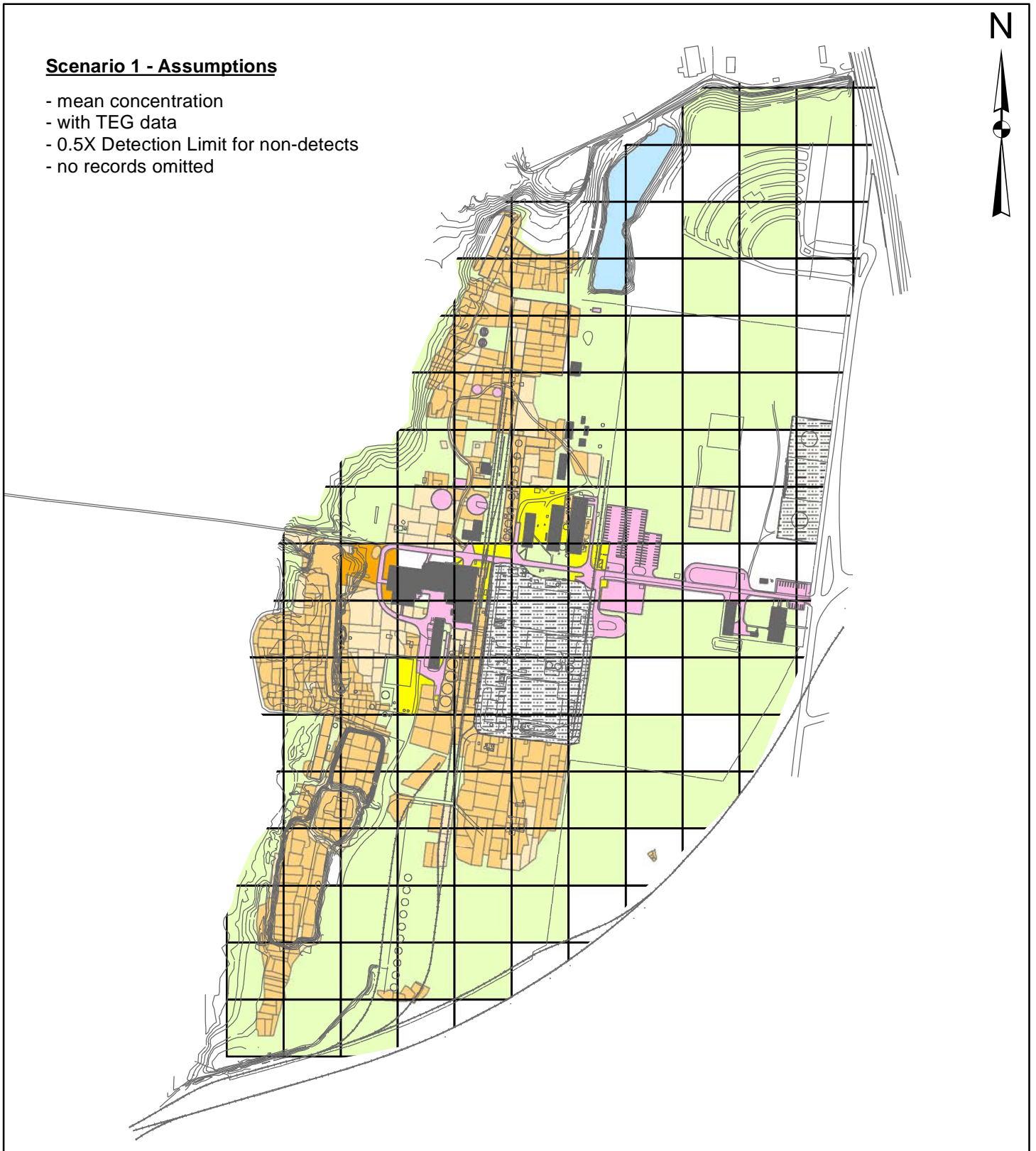
Scenario 2 - Lead

- No data
- < 400 ppm
- 400 - 1000 ppm (> dove LOAEL)
- 1000 - 2000 ppm
- 2000 - 2400 ppm
- > 2400 ppm (>shrew LOAEL)

Scenario 1 Aroclor-1254

Scenario 1 - Assumptions

- mean concentration
- with TEG data
- 0.5X Detection Limit for non-detects
- no records omitted



Legend

- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations

1994-97 Removal Action Areas

- Capped
- < 1 ft backfill
- > 1 ft backfill

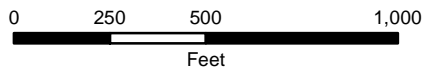
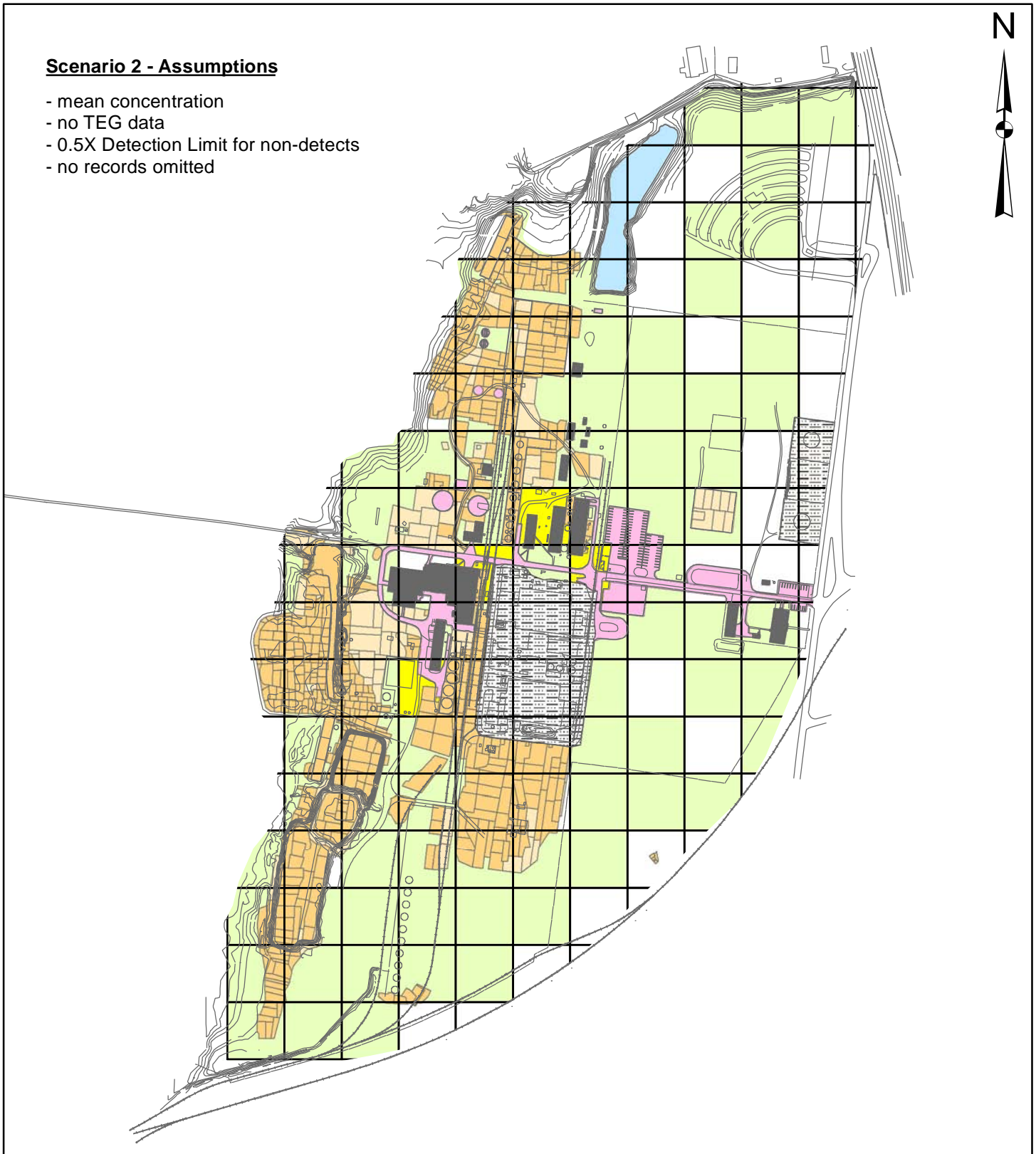
Scenario 1 - Aroclor-1254

- No data
- < 2 ppm
- 2 - 6 ppm (> shrew LOAEL)
- 6 - 10 ppm (> weasel LOAEL)
- 10 - 50 ppm
- > 50 ppm

Scenario 2 Aroclor-1254

Scenario 2 - Assumptions

- mean concentration
- no TEG data
- 0.5X Detection Limit for non-detects
- no records omitted



Legend

- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations

1994-97 Removal Action Areas

- Capped
- < 1 ft backfill
- > 1ft backfill

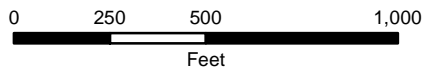
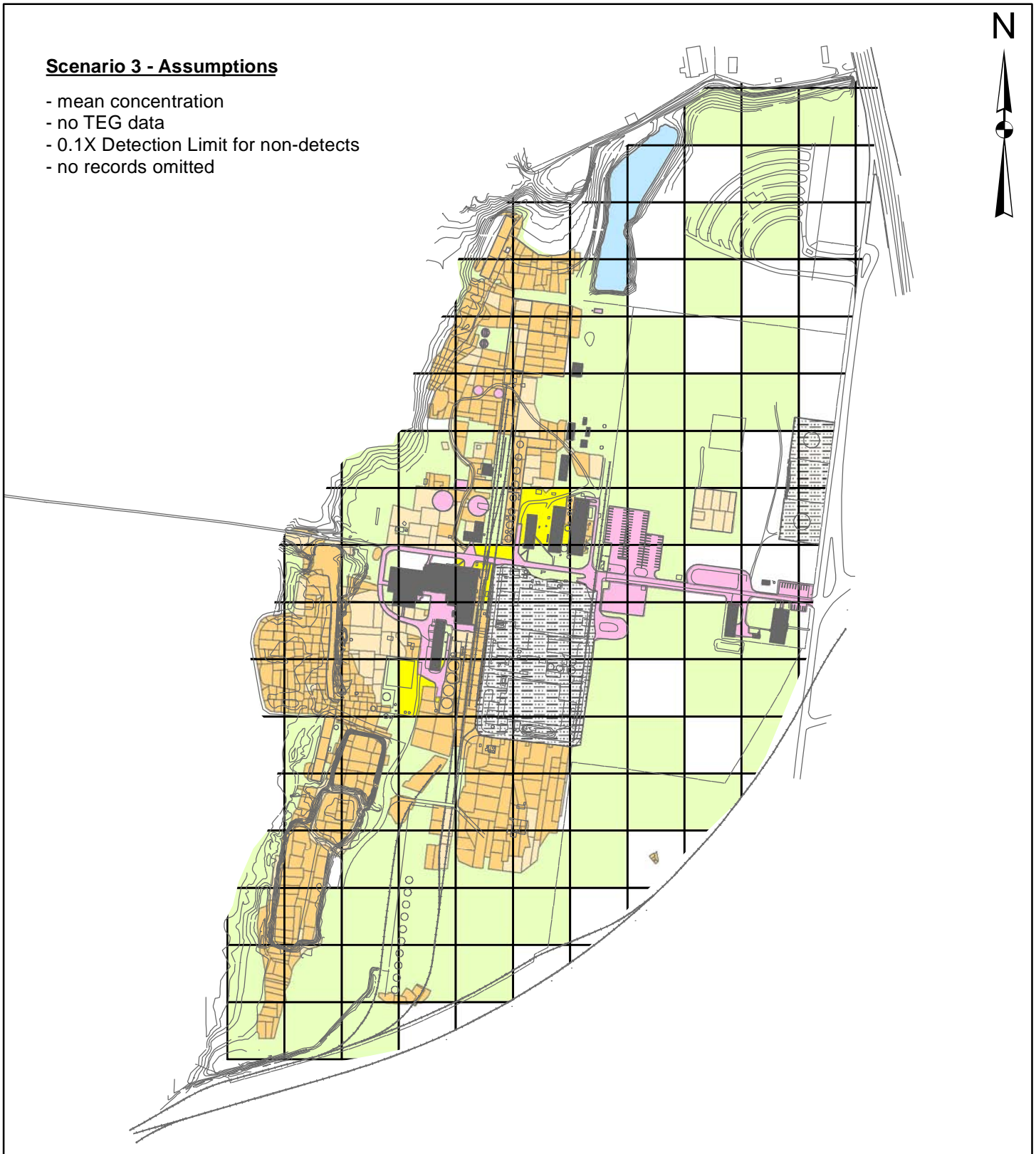
Scenario 2 - Aroclor-1254

- No data
- < 2 ppm
- 2 - 6 ppm (> shrew LOAEL)
- 6 - 10 ppm (> weasel LOAEL)
- 10 - 50 ppm
- > 50 ppm

Scenario 3 Aroclor-1254

Scenario 3 - Assumptions

- mean concentration
- no TEG data
- 0.1X Detection Limit for non-detects
- no records omitted



Legend

- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations

1994-97 Removal Action Areas

- Capped
- < 1 ft backfill
- > 1ft backfill

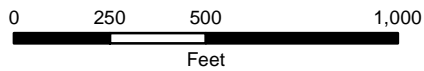
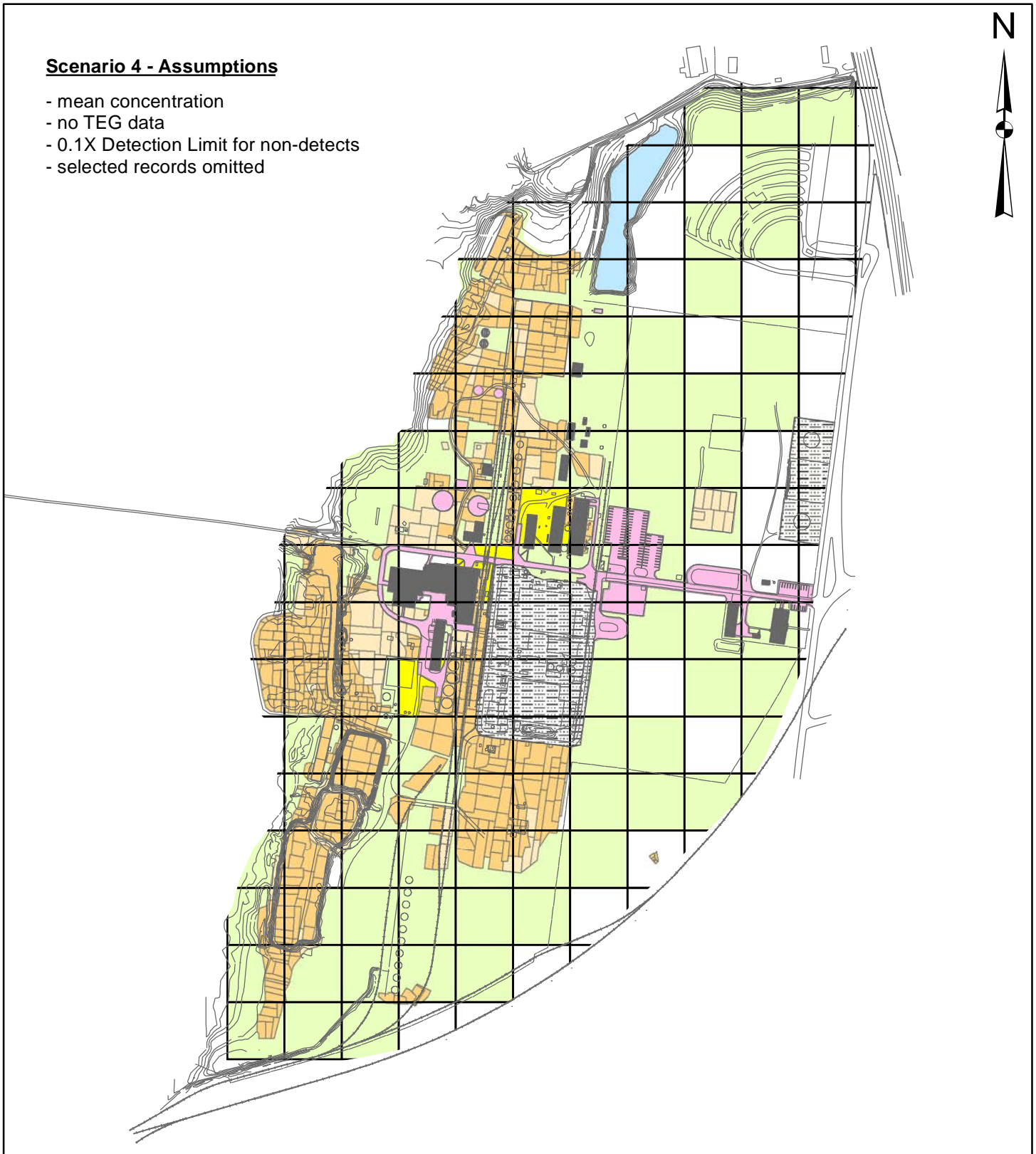
Scenario 3 - Aroclor-1254

- No data
- < 2 ppm
- 2 - 6 ppm (> shrew LOAEL)
- 6 - 10 ppm (> weasel LOAEL)
- 10 - 50 ppm
- > 50 ppm

Scenario 4 Aroclor-1254

Scenario 4 - Assumptions

- mean concentration
- no TEG data
- 0.1X Detection Limit for non-detects
- selected records omitted



Legend

- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations

1994-97 Removal Action Areas

- Capped
- < 1 ft backfill
- > 1ft backfill

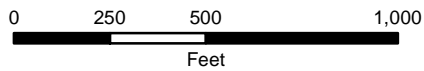
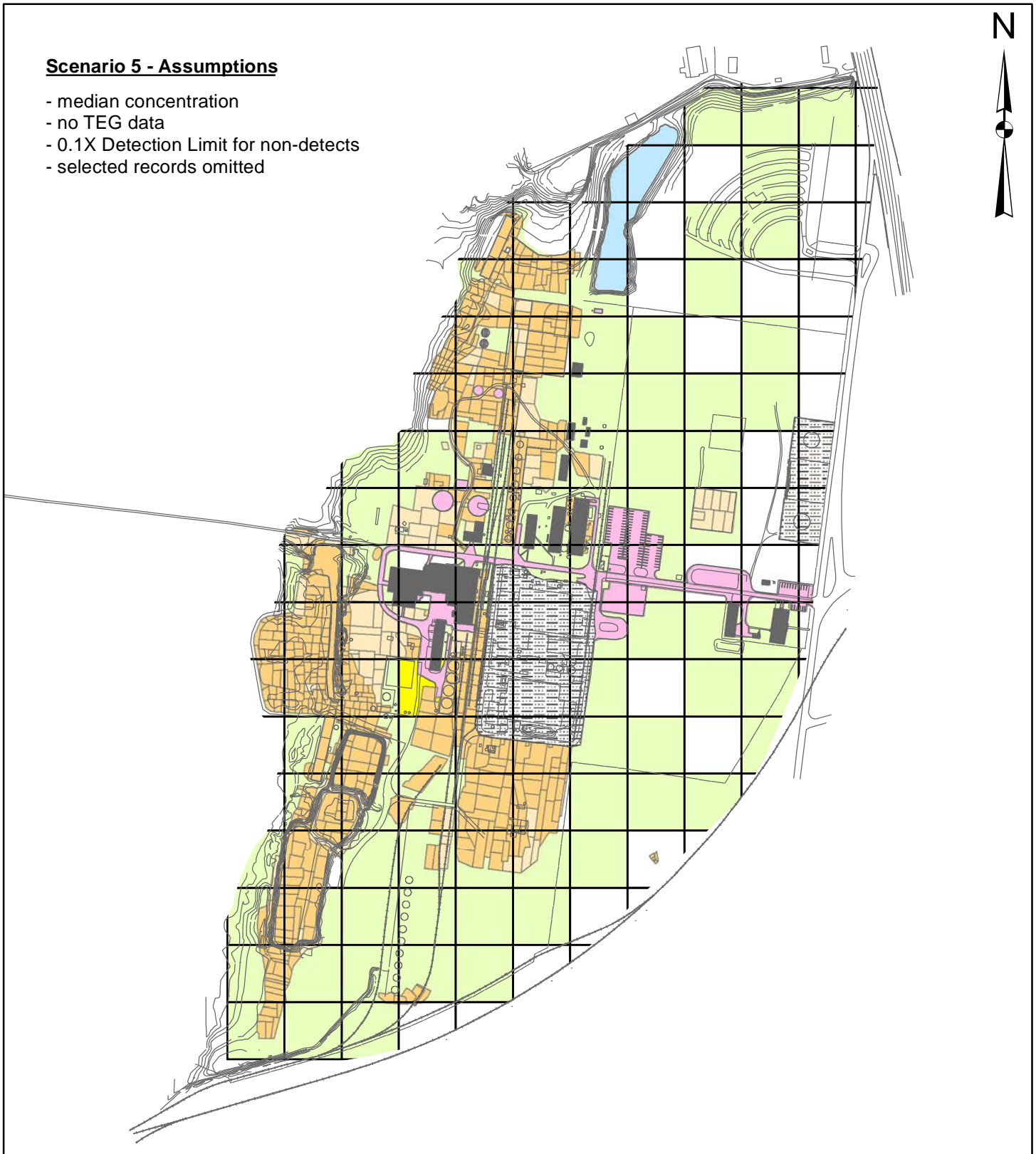
Scenario 4 - Aroclor-1254

- No data
- < 2 ppm
- 2 - 6 ppm (> shrew LOAEL)
- 6 - 10 ppm (> weasel LOAEL)
- 10 - 50 ppm
- > 50 ppm

Scenario 5 Aroclor-1254

Scenario 5 - Assumptions

- median concentration
- no TEG data
- 0.1X Detection Limit for non-detects
- selected records omitted



Legend

- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations

1994-97 Removal Action Areas

- Capped
- < 1 ft backfill
- > 1ft backfill

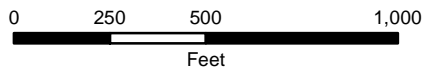
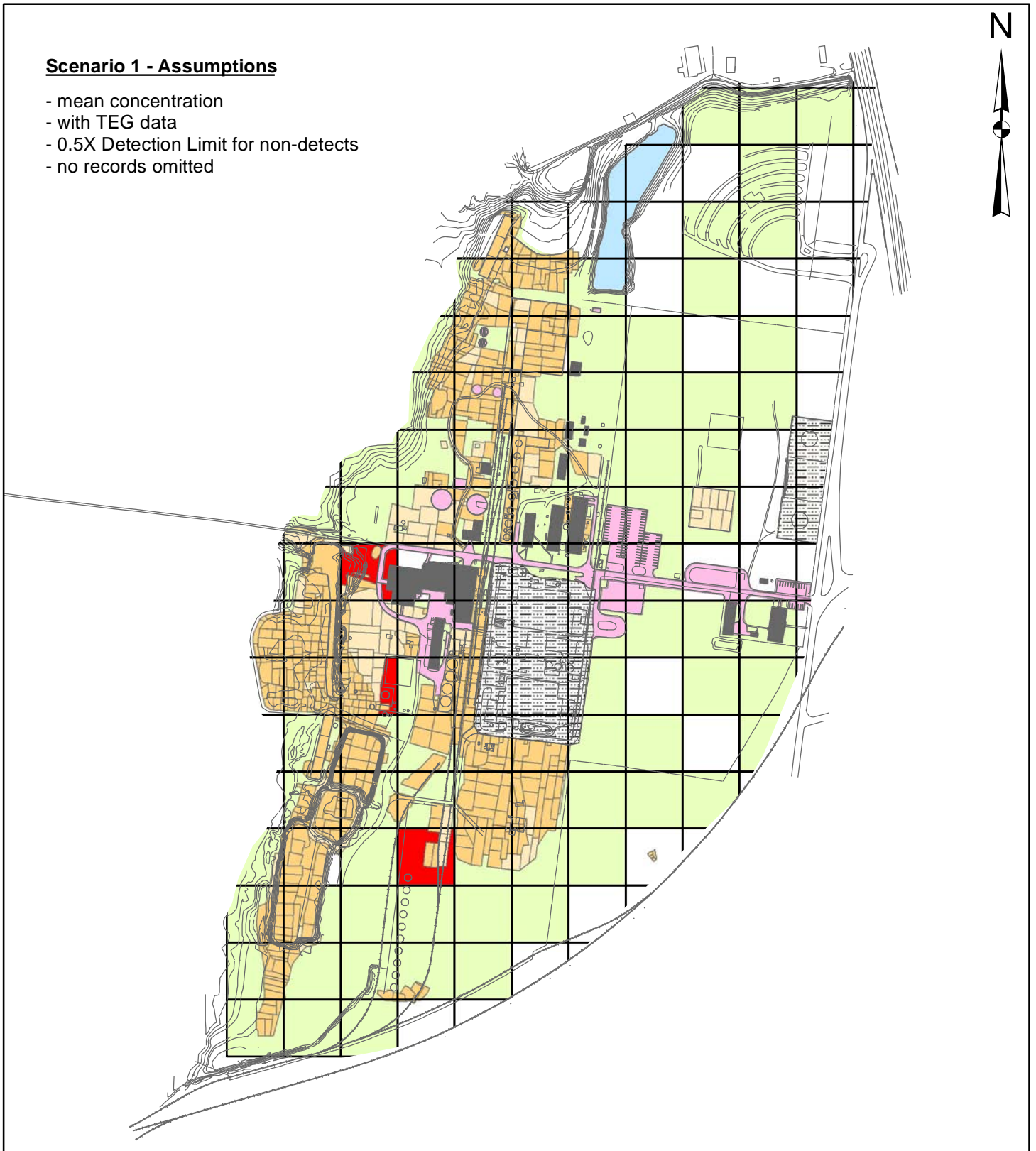
Scenario 5 - Aroclor-1254

- No data
- < 2 ppm
- 2 - 6 ppm (> shrew LOAEL)
- 6 - 10 ppm (> weasel LOAEL)
- 10 - 50 ppm
- > 50 ppm

Scenario 1 Aroclor-1260

Scenario 1 - Assumptions

- mean concentration
- with TEG data
- 0.5X Detection Limit for non-detects
- no records omitted



Legend

- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations

1994-97 Removal Action Areas

- Capped
- < 1 ft backfill
- > 1ft backfill

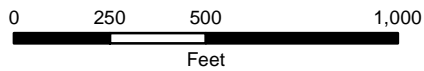
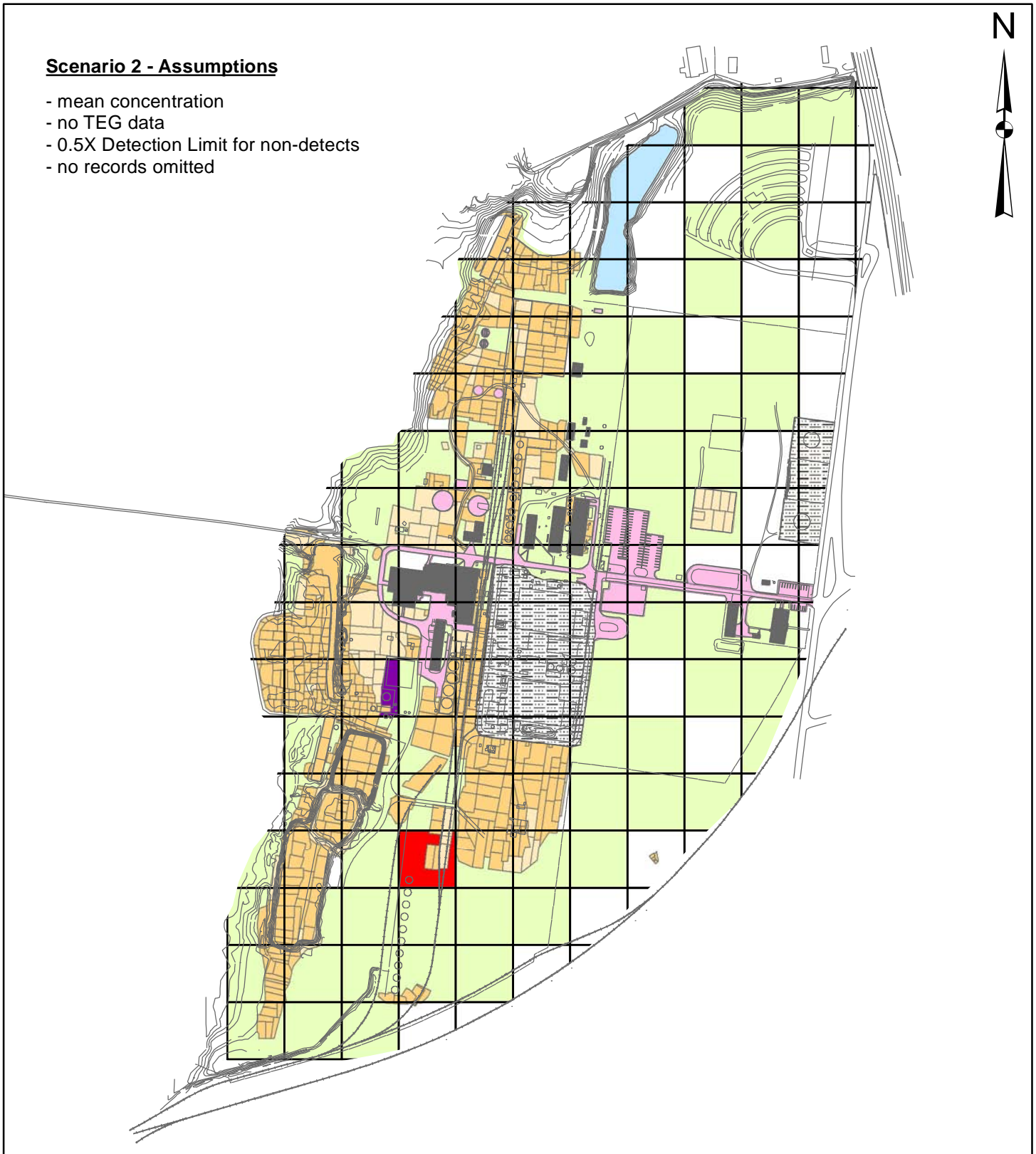
Scenario 1 - Aroclor-1260

- No data
- < 2 ppm
- 2 - 6 ppm (> shrew LOAEL)
- 6 - 10 ppm (> weasel LOAEL)
- 10 - 50 ppm
- > 50 ppm

Scenario 2 Aroclor-1260

Scenario 2 - Assumptions

- mean concentration
- no TEG data
- 0.5X Detection Limit for non-detects
- no records omitted



Legend

- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations

1994-97 Removal Action Areas

- Capped
- < 1 ft backfill
- > 1ft backfill

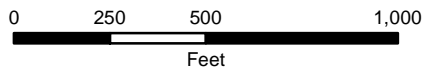
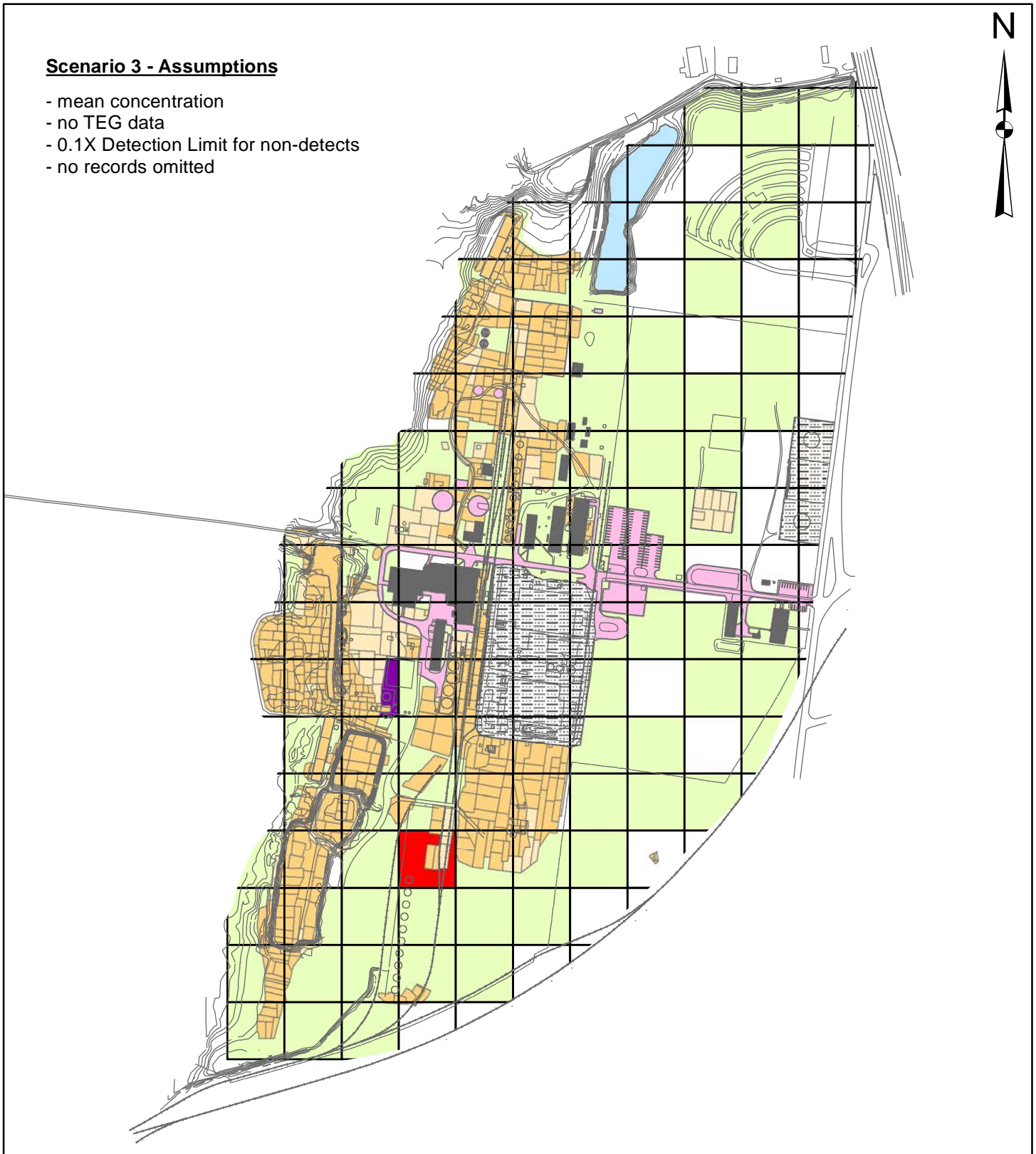
Scenario 2 - Aroclor-1260

- No data
- < 2 ppm
- 2 - 6 ppm (> shrew LOAEL)
- 6 - 10 ppm (> weasel LOAEL)
- 10 - 50 ppm
- > 50 ppm

Scenario 3 Aroclor-1260

Scenario 3 - Assumptions

- mean concentration
- no TEG data
- 0.1X Detection Limit for non-detects
- no records omitted



Legend

- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations

1994-97 Removal Action Areas

- Capped
- < 1 ft backfill
- > 1ft backfill

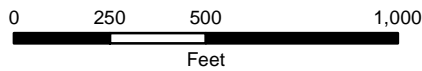
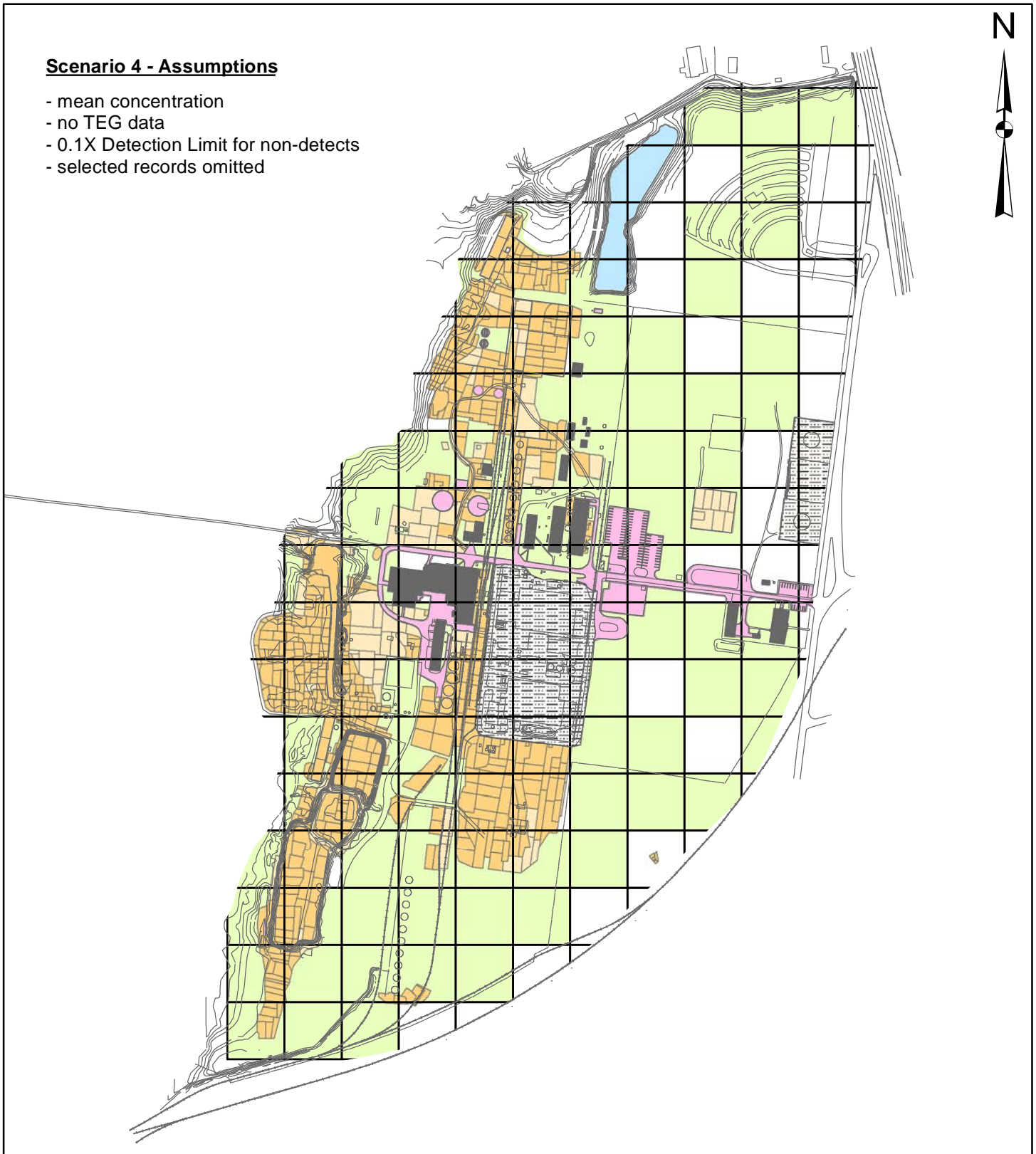
Scenario 3 - Aroclor-1260

- No data
- < 2 ppm
- 2 - 6 ppm (> shrew LOAEL)
- 6 - 10 ppm (> weasel LOAEL)
- 10 - 50 ppm
- > 50 ppm

Scenario 4 Aroclor-1260

Scenario 4 - Assumptions

- mean concentration
- no TEG data
- 0.1X Detection Limit for non-detects
- selected records omitted



Legend

- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations

1994-97 Removal Action Areas

- Capped
- < 1 ft backfill
- > 1ft backfill

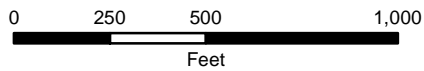
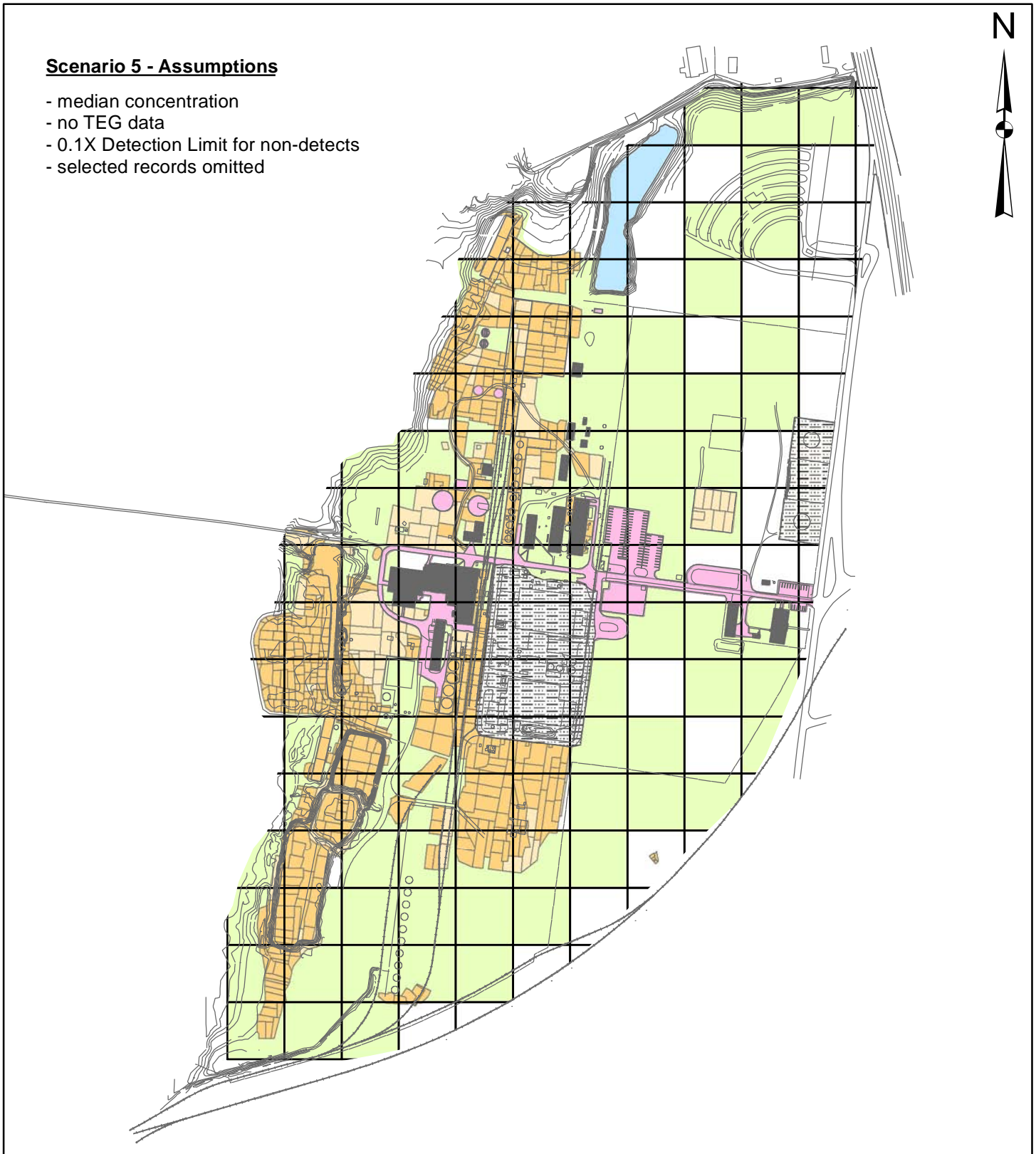
Scenario 4 - Aroclor-1260

- No data
- < 2 ppm
- 2 - 6 ppm (> shrew LOAEL)
- 6 - 10 ppm (> weasel LOAEL)
- 10 - 50 ppm
- > 50 ppm

Scenario 5 Aroclor-1260

Scenario 5 - Assumptions

- median concentration
- no TEG data
- 0.1X Detection Limit for non-detects
- selected records omitted



Legend

- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations

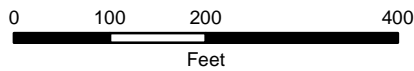
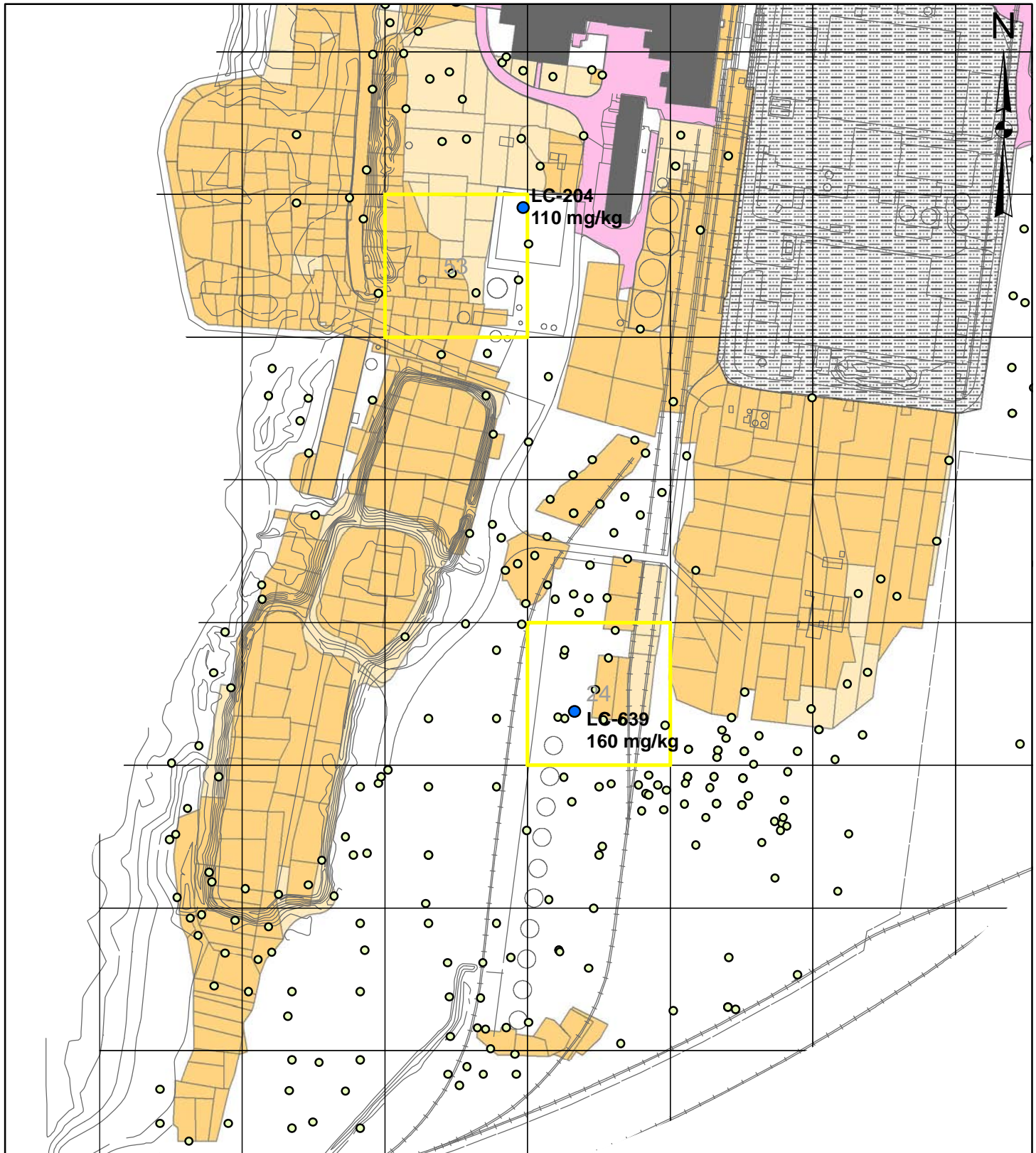
1994-97 Removal Action Areas

- Capped
- < 1 ft backfill
- > 1ft backfill

Scenario 5 - Aroclor-1260

- No data
- < 2 ppm
- 2 - 6 ppm (> shrew LOAEL)
- 6 - 10 ppm (> weasel LOAEL)
- 10 - 50 ppm
- > 50 ppm

Sampling Uncertainties for Quadrant 4 Grid Cells with Elevated Aroclor-1260 Concentrations



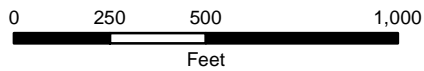
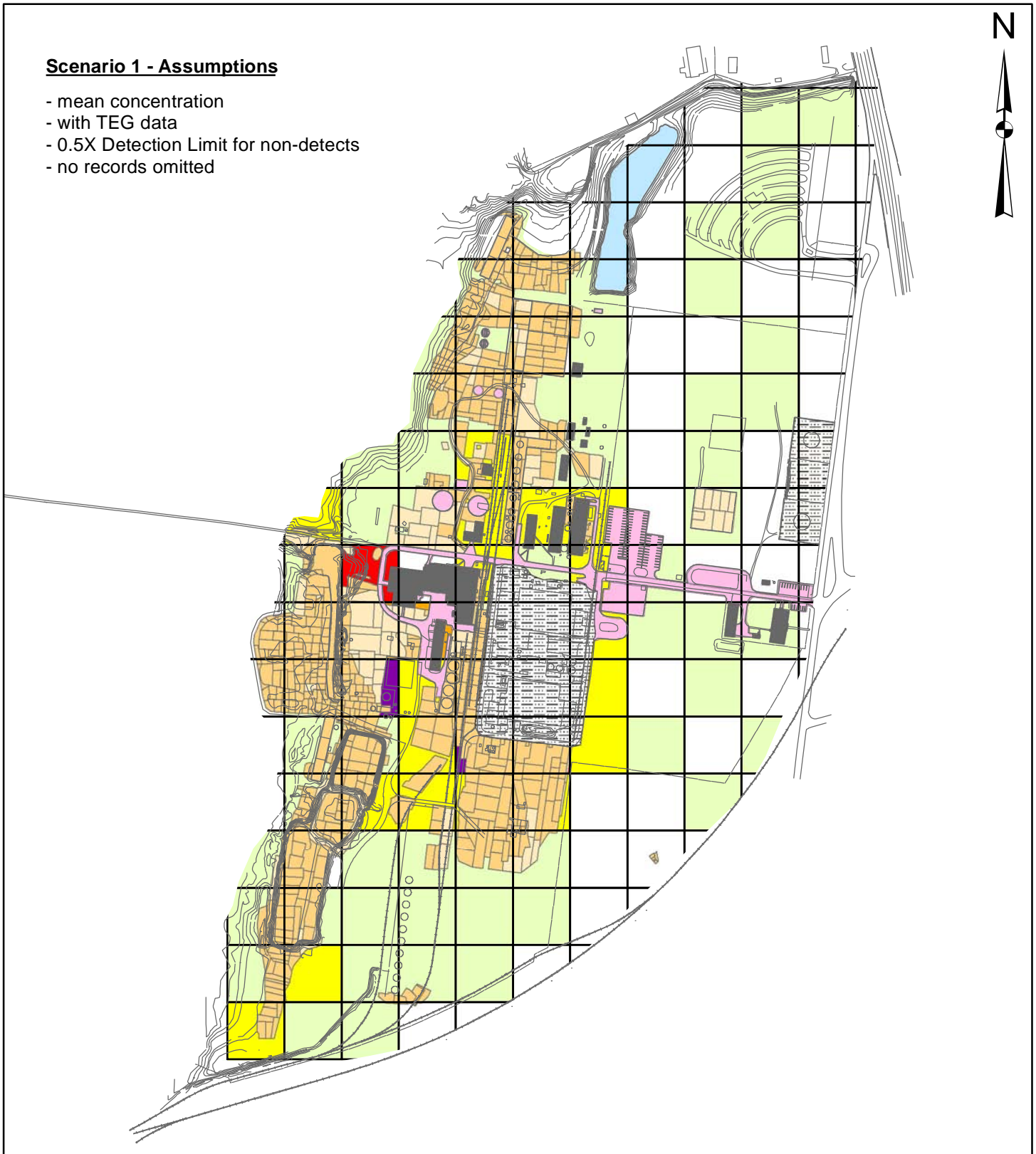
Legend

- | | | |
|--------------------------------|------------------------------|--|
| Site Features | 1994-97 Removal Action Areas | Grid |
| Buildings | < 1 ft backfill | Sample Locations with Aroclor-1260 Non-Detects |
| Freshwater Pond | > 1 ft backfill | Sample Locations with Aroclor-1260 Detects |
| Concrete Slabs and Foundations | | |

Scenario 1 Aroclor-1268

Scenario 1 - Assumptions

- mean concentration
- with TEG data
- 0.5X Detection Limit for non-detects
- no records omitted



Legend

- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations

1994-97 Removal Action Areas

- Capped
- < 1 ft backfill
- > 1ft backfill

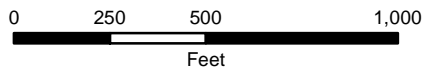
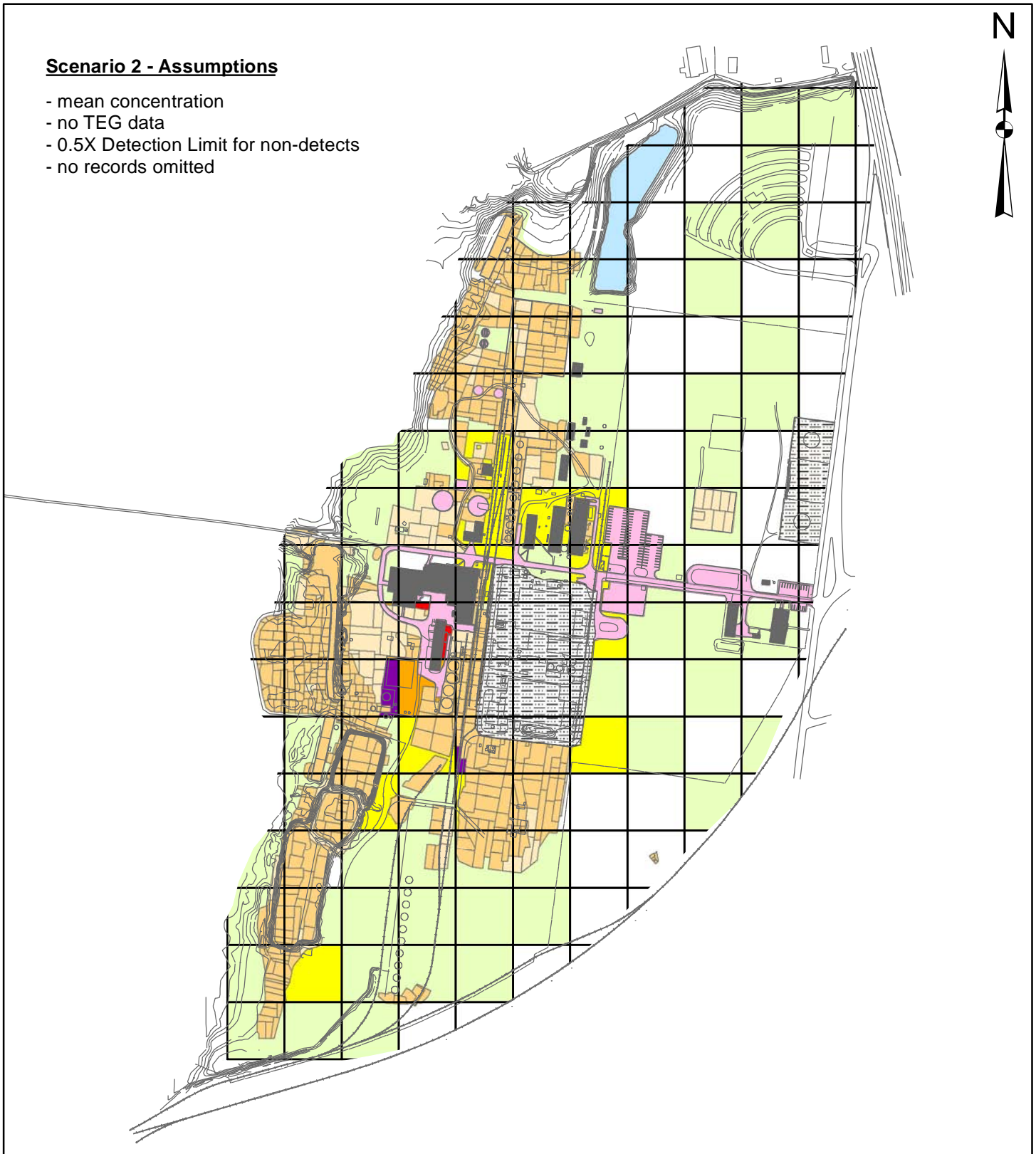
Scenario 1 - Aroclor-1268

- No data
- < 2 ppm
- 2 - 6 ppm (> shrew LOAEL)
- 6 - 10 ppm (> weasel LOAEL)
- 10 - 50 ppm
- > 50 ppm

Scenario 2 Aroclor-1268

Scenario 2 - Assumptions

- mean concentration
- no TEG data
- 0.5X Detection Limit for non-detects
- no records omitted



Legend

- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations

1994-97 Removal Action Areas

- Capped
- < 1 ft backfill
- > 1ft backfill

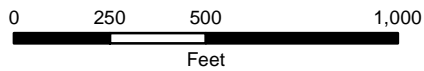
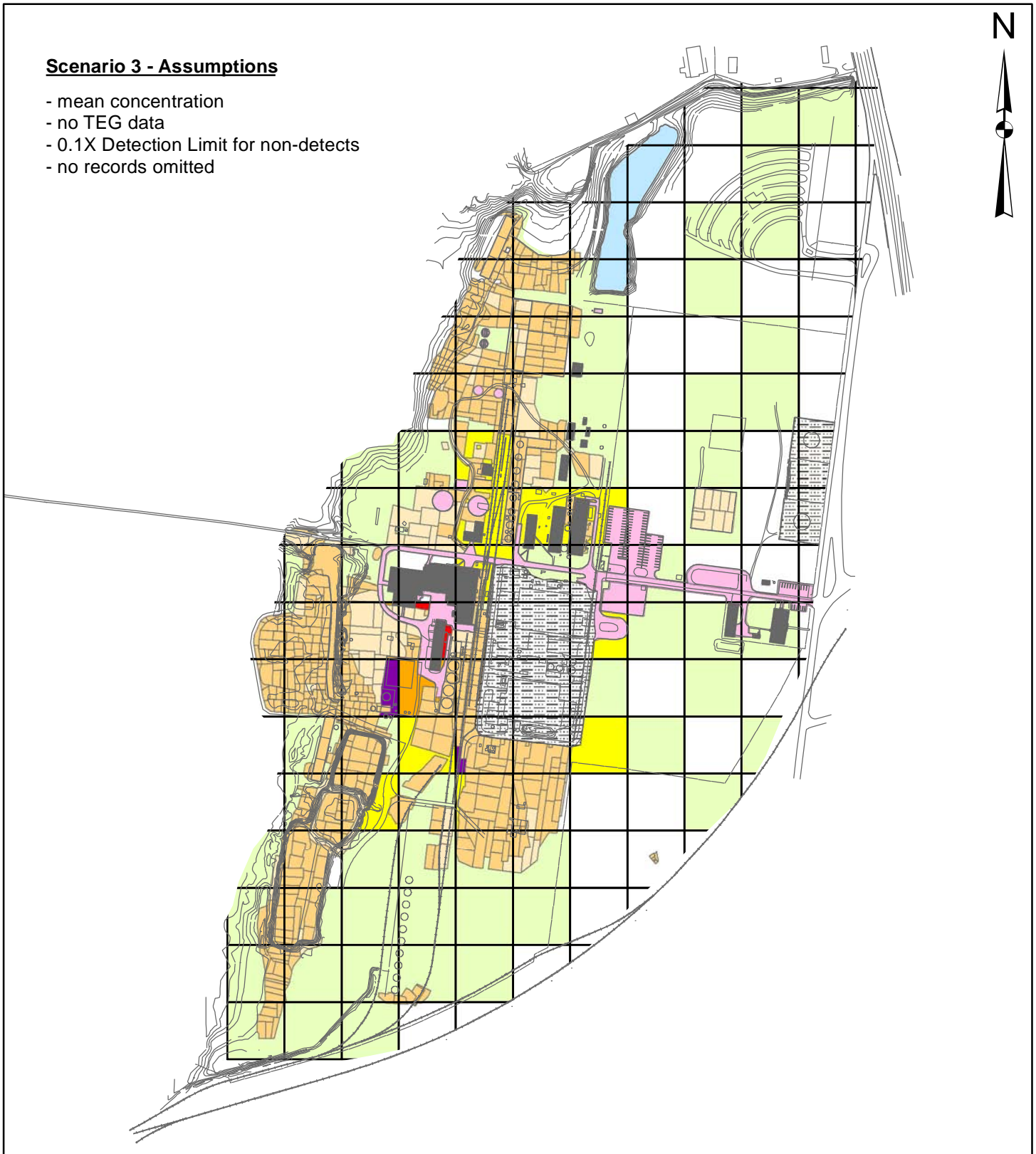
Scenario 2 - Aroclor-1268

- No data
- < 2 ppm
- 2 - 6 ppm (> shrew LOAEL)
- 6 - 10 ppm (> weasel LOAEL)
- 10 - 50 ppm
- > 50 ppm

Scenario 3 Aroclor-1268

Scenario 3 - Assumptions

- mean concentration
- no TEG data
- 0.1X Detection Limit for non-detects
- no records omitted



Legend

- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations

1994-97 Removal Action Areas

- Capped
- < 1 ft backfill
- > 1ft backfill

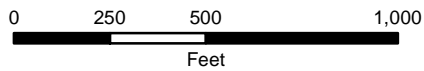
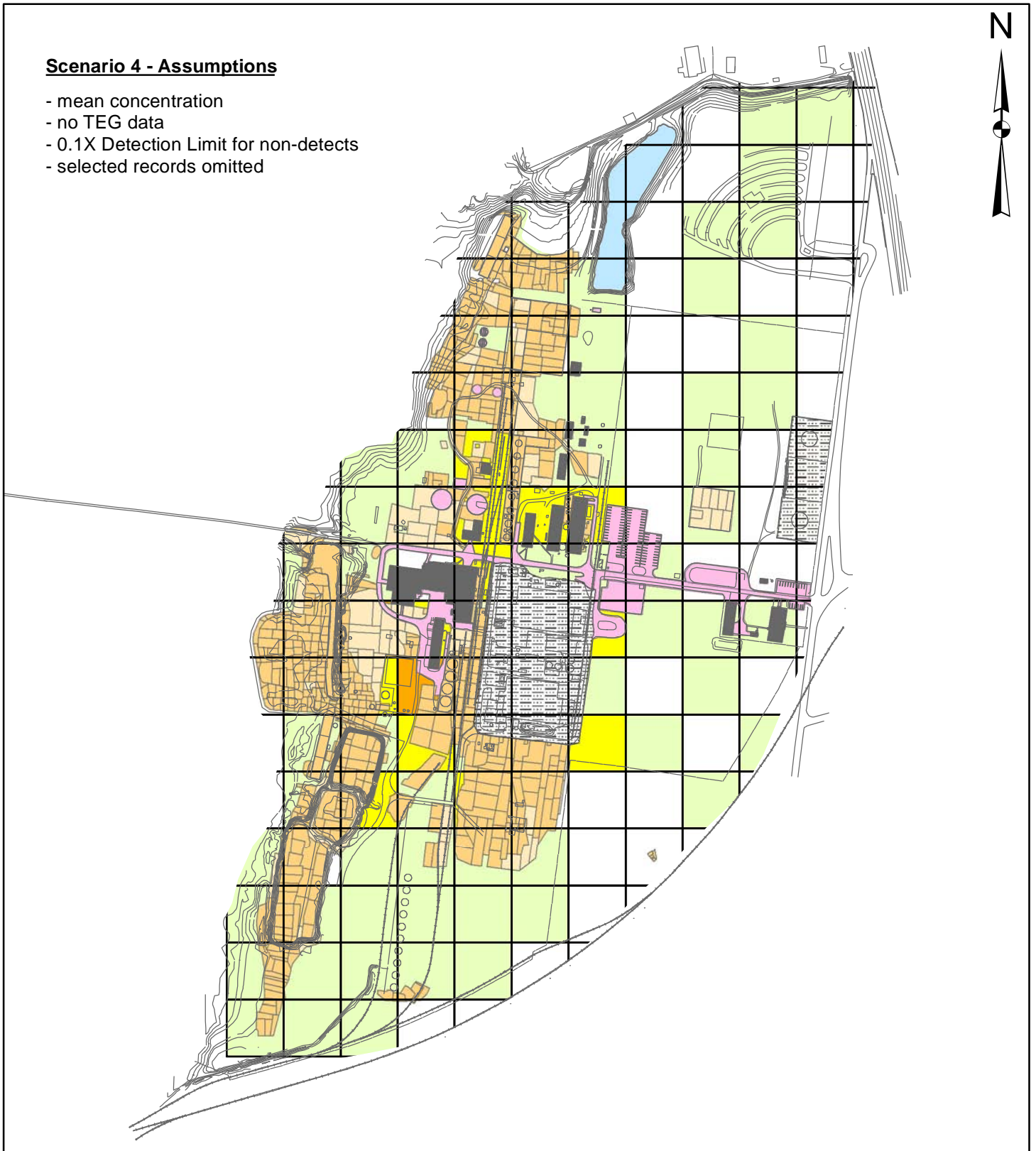
Scenario 3 - Aroclor-1268

- No data
- < 2 ppm
- 2 - 6 ppm (> shrew LOEL)
- 6 - 10 ppm (> weasel LOEL)
- 10 - 50 ppm
- > 50 ppm

Scenario 4 Aroclor-1268

Scenario 4 - Assumptions

- mean concentration
- no TEG data
- 0.1X Detection Limit for non-detects
- selected records omitted



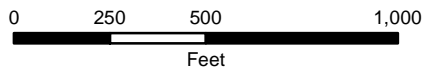
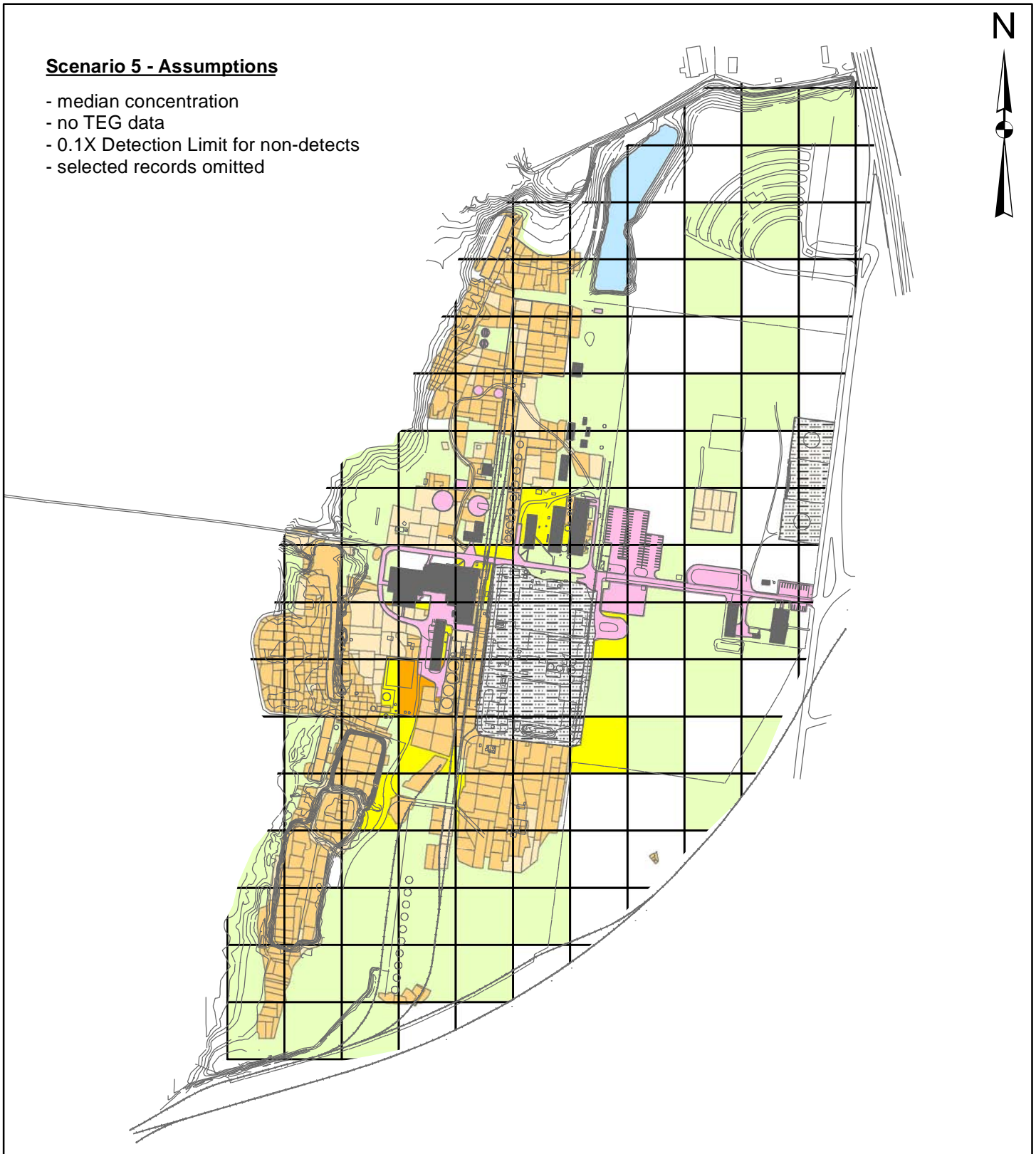
Legend

Site Features	Capped	No data	6 - 10 ppm (> weasel LOEL)
Buildings	< 1 ft backfill	< 2 ppm	10 - 50 ppm
Freshwater Pond	> 1ft backfill	2 - 6 ppm (> shrew LOEL)	> 50 ppm
Concrete Slabs and Foundations			

Scenario 5 Aroclor-1268

Scenario 5 - Assumptions

- median concentration
- no TEG data
- 0.1X Detection Limit for non-detects
- selected records omitted



Legend

- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations

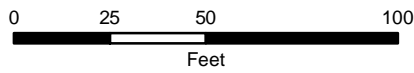
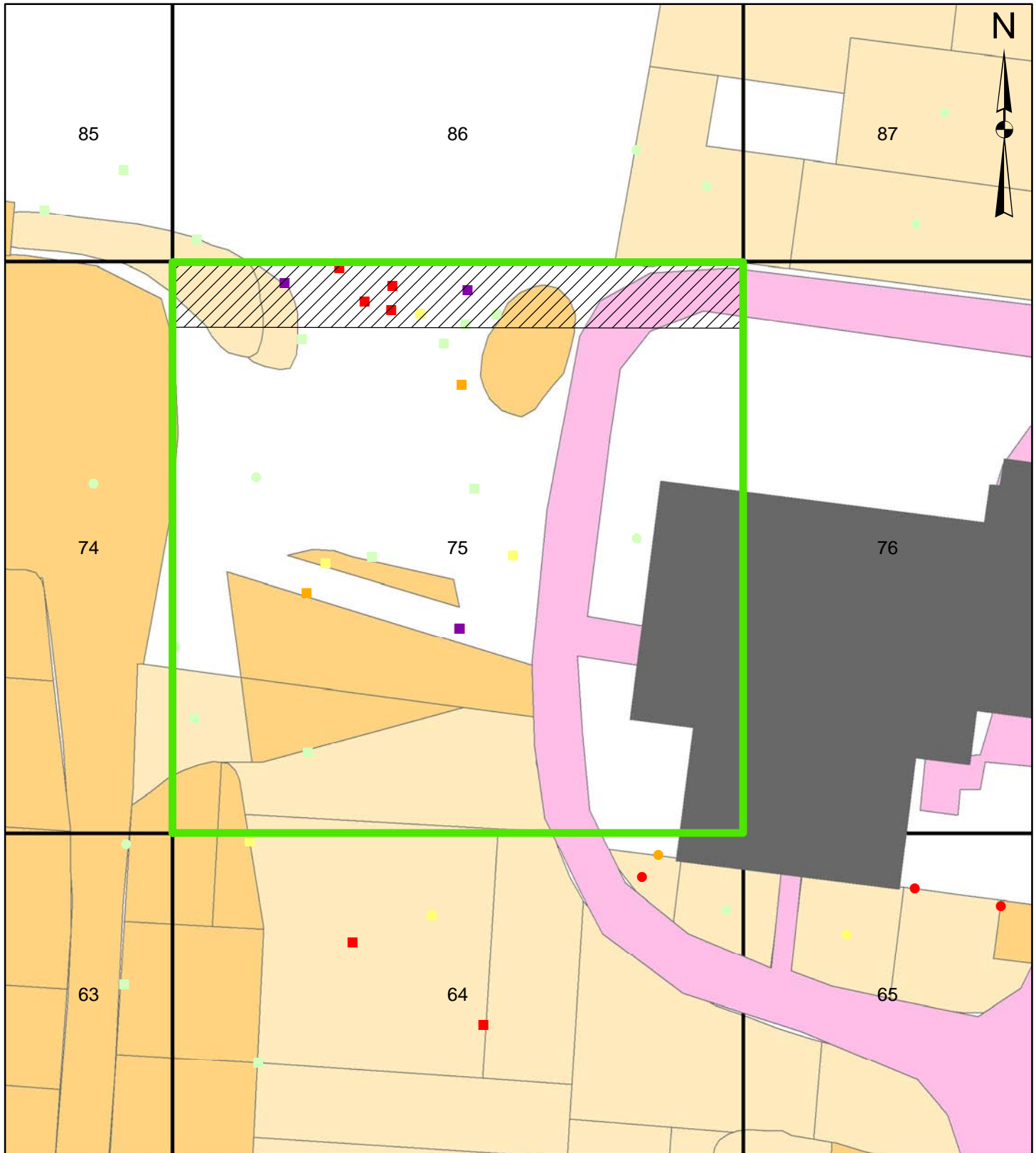
1994-97 Removal Action Areas

- Capped
- < 1 ft backfill
- > 1ft backfill

Scenario 5 - Aroclor-1268

- No data
- < 2 ppm
- 2 - 6 ppm (> shrew LOAEL)
- 6 - 10 ppm (> weasel LOAEL)
- 10 - 50 ppm
- > 50 ppm

Uncertainties with TEG Data for Aroclor-1268 in Grid Cell 75



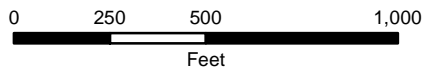
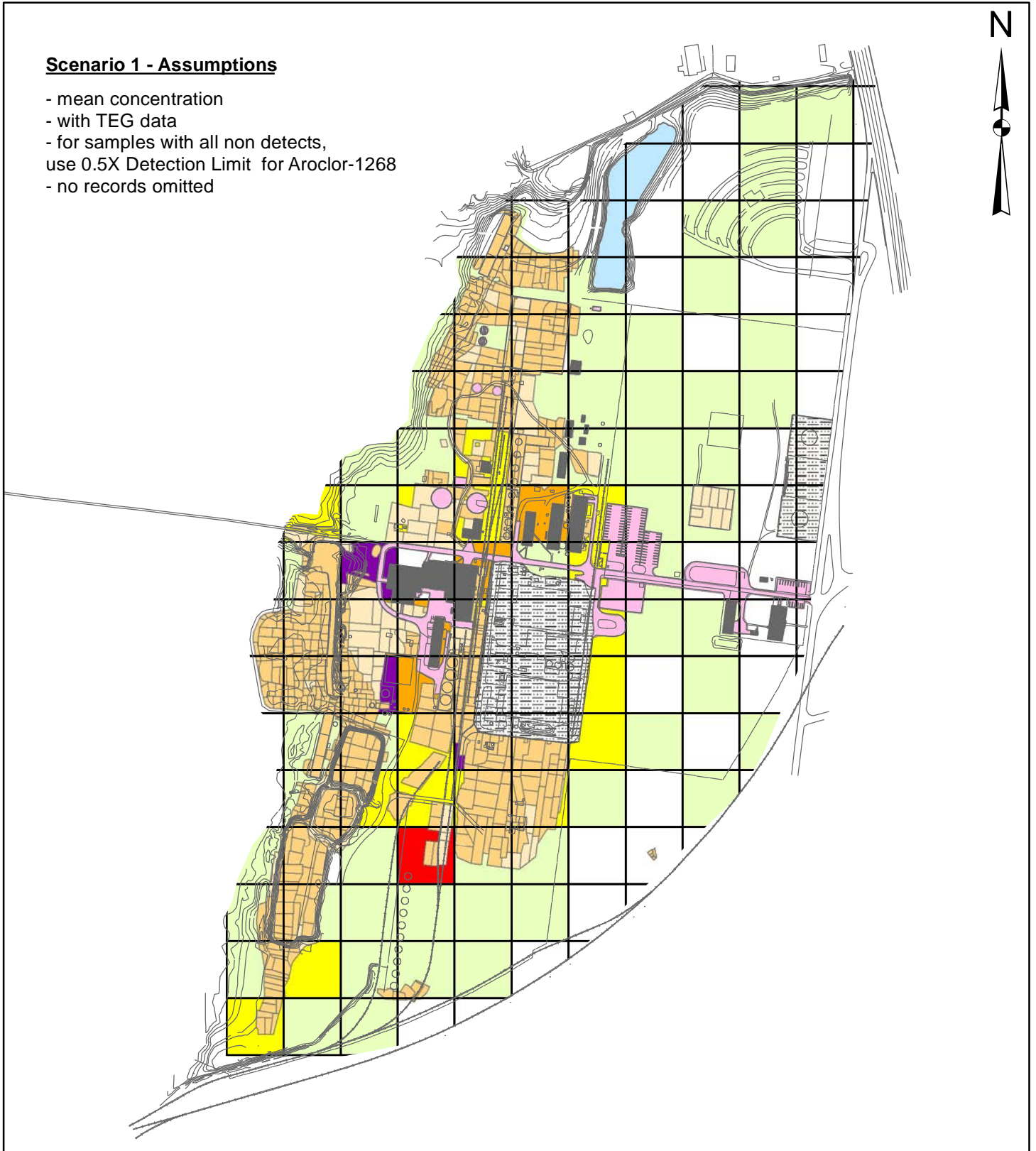
Legend

- | | | | |
|--|---|--|--|
| <ul style="list-style-type: none"> Site Features Buildings Concrete Slabs and Foundations Area with Elevated TEG Ar-1268 Results | <ul style="list-style-type: none"> 1994-97 Removal Action Areas < 1 ft backfill > 1 ft backfill | <ul style="list-style-type: none"> Aroclor-1268 Concentration < 2 ppm 2 - 6 ppm (> shrew LOEL) 6 - 10 ppm (> weasel LOEL) 10 - 50 ppm > 50 ppm | <ul style="list-style-type: none"> Not TEG Sampling Locations TEG Sampling Locations |
|--|---|--|--|

Scenario 1 Total PCBs

Scenario 1 - Assumptions

- mean concentration
- with TEG data
- for samples with all non detects, use 0.5X Detection Limit for Aroclor-1268
- no records omitted



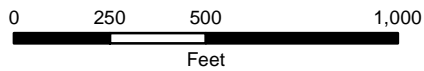
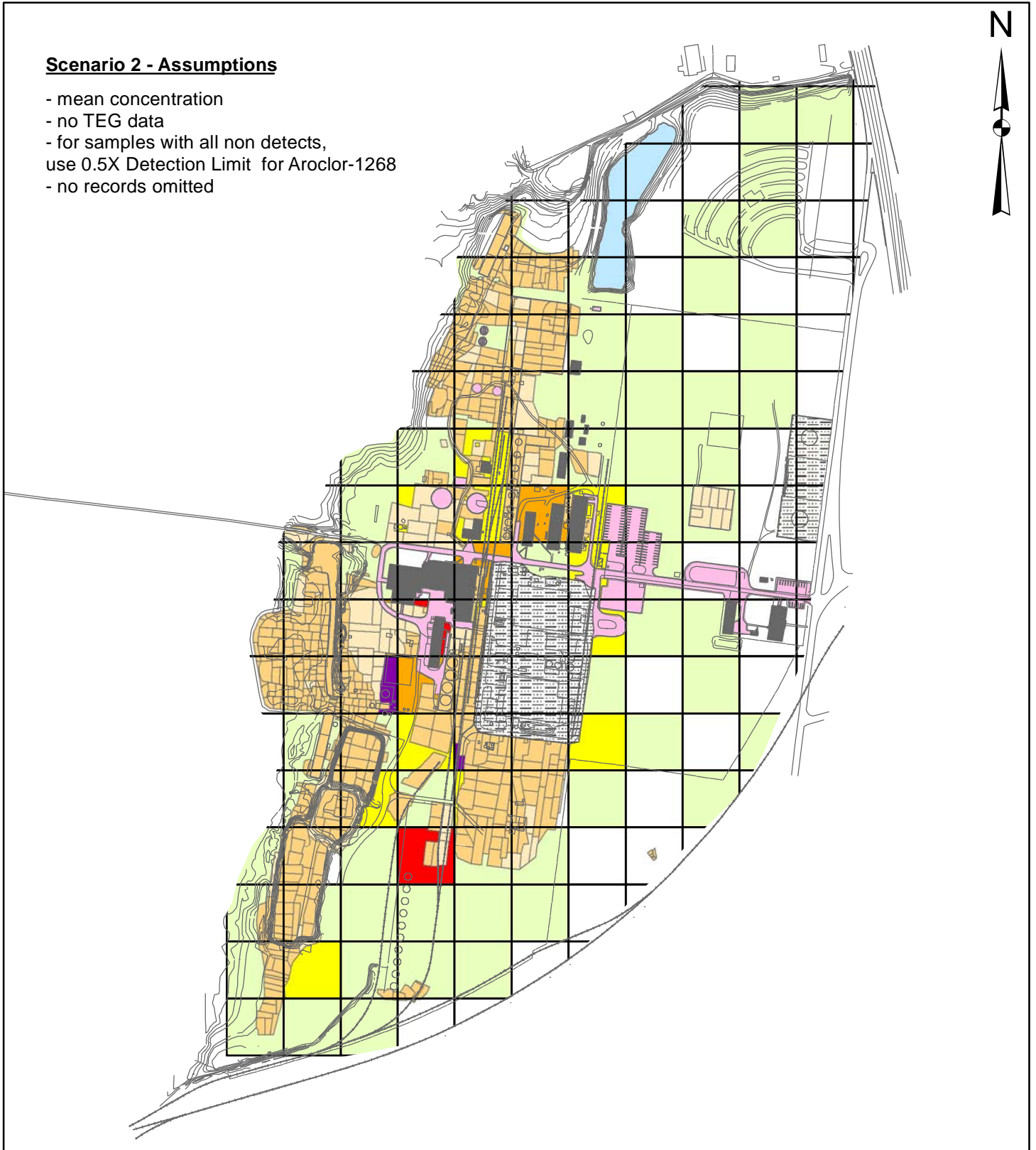
Legend

Site Features	Capped	No data	6 - 10 ppm (> weasel LOEL)
Buildings	< 1 ft backfill	< 2 ppm	10 - 50 ppm
Freshwater Pond	> 1ft backfill	2 - 6 ppm (> shrew LOEL)	> 50 ppm
Concrete Slabs and Foundations			

Scenario 2 Total PCBs

Scenario 2 - Assumptions

- mean concentration
- no TEG data
- for samples with all non detects, use 0.5X Detection Limit for Aroclor-1268
- no records omitted



Legend

- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations

1994-97 Removal Action Areas

- Capped
- < 1 ft backfill
- > 1ft backfill

Scenario 2 - Total PCBs

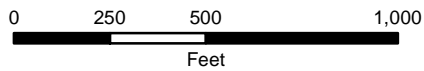
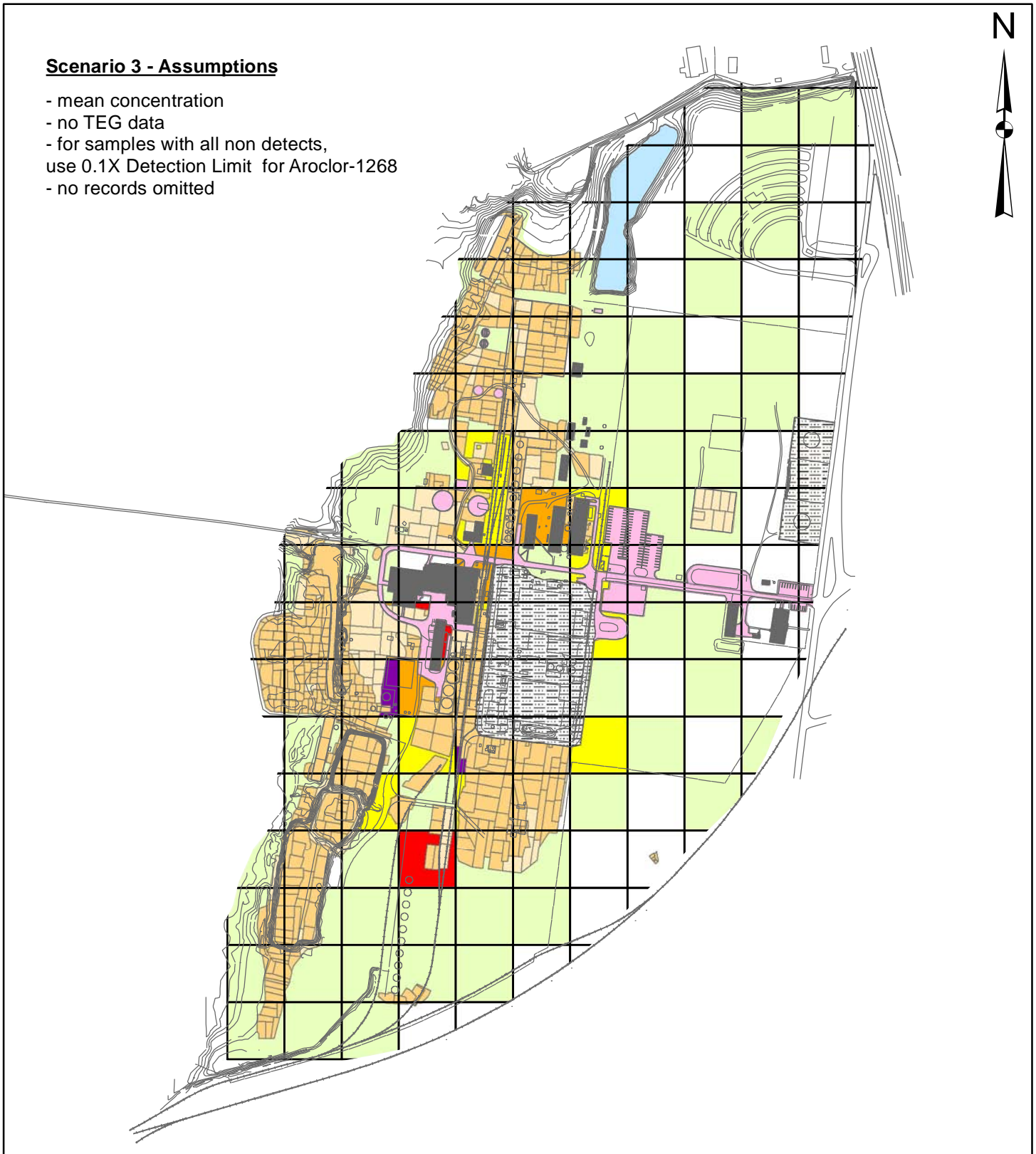
- No data
- < 2 ppm
- 2 - 6 ppm (> shrew LOAEL)

- 6 - 10 ppm (> weasel LOAEL)
- 10 - 50 ppm
- > 50 ppm

Scenario 3 Total PCBs

Scenario 3 - Assumptions

- mean concentration
- no TEG data
- for samples with all non detects, use 0.1X Detection Limit for Aroclor-1268
- no records omitted



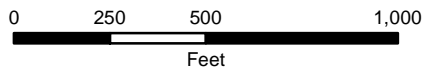
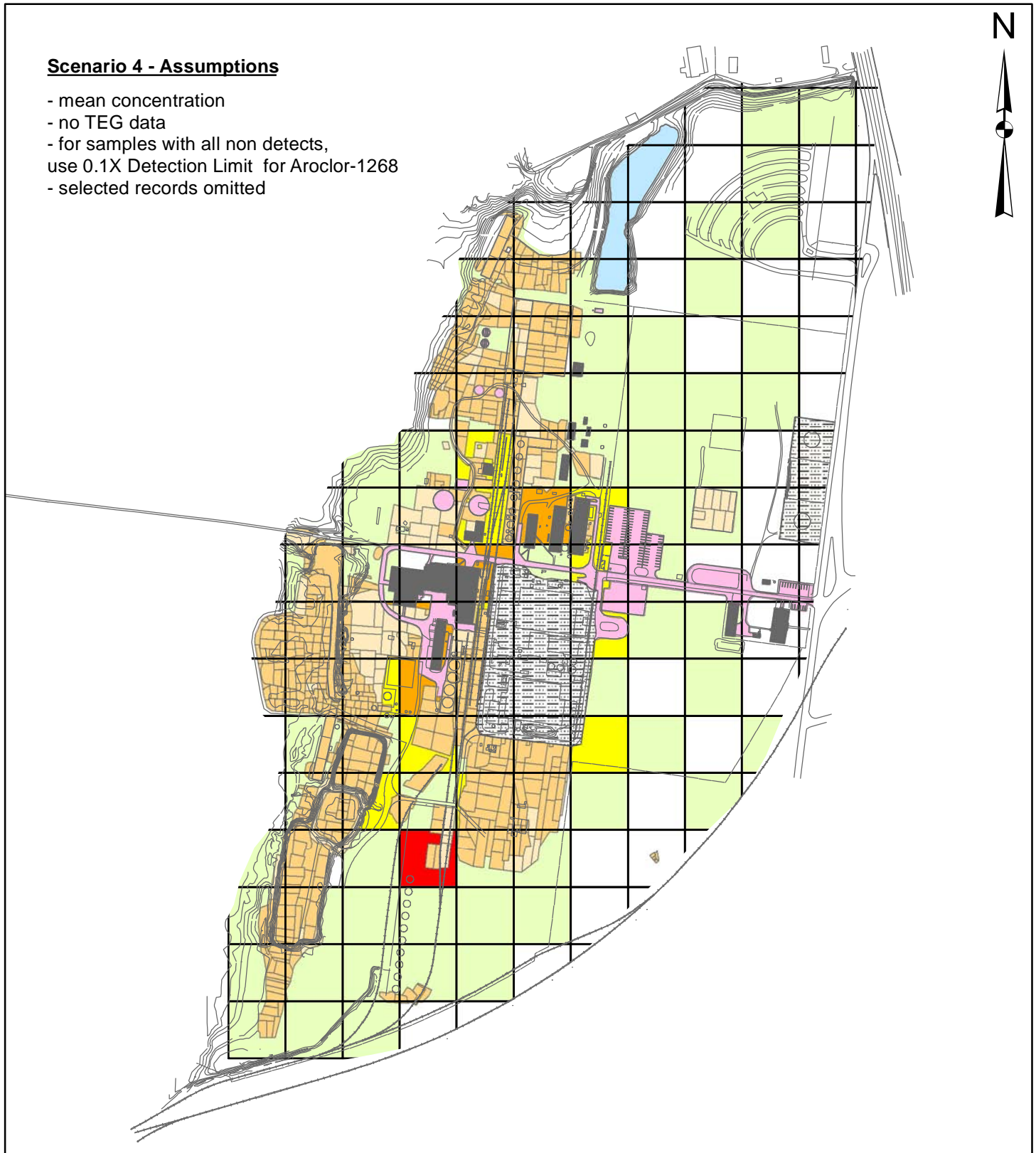
Legend

— Site Features	1994-97 Removal Action Areas	Scenario 3 - Total PCBs	6 - 10 ppm (> weasel LOEL)
■ Buildings	■ Capped	□ No data	■ 10 - 50 ppm
■ Freshwater Pond	■ < 1 ft backfill	■ < 2 ppm	■ > 50 ppm
■ Concrete Slabs and Foundations	■ > 1ft backfill	■ 2 - 6 ppm (> shrew LOEL)	

Scenario 4 Total PCBs

Scenario 4 - Assumptions

- mean concentration
- no TEG data
- for samples with all non detects, use 0.1X Detection Limit for Aroclor-1268
- selected records omitted



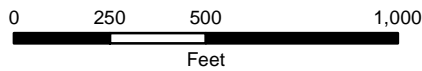
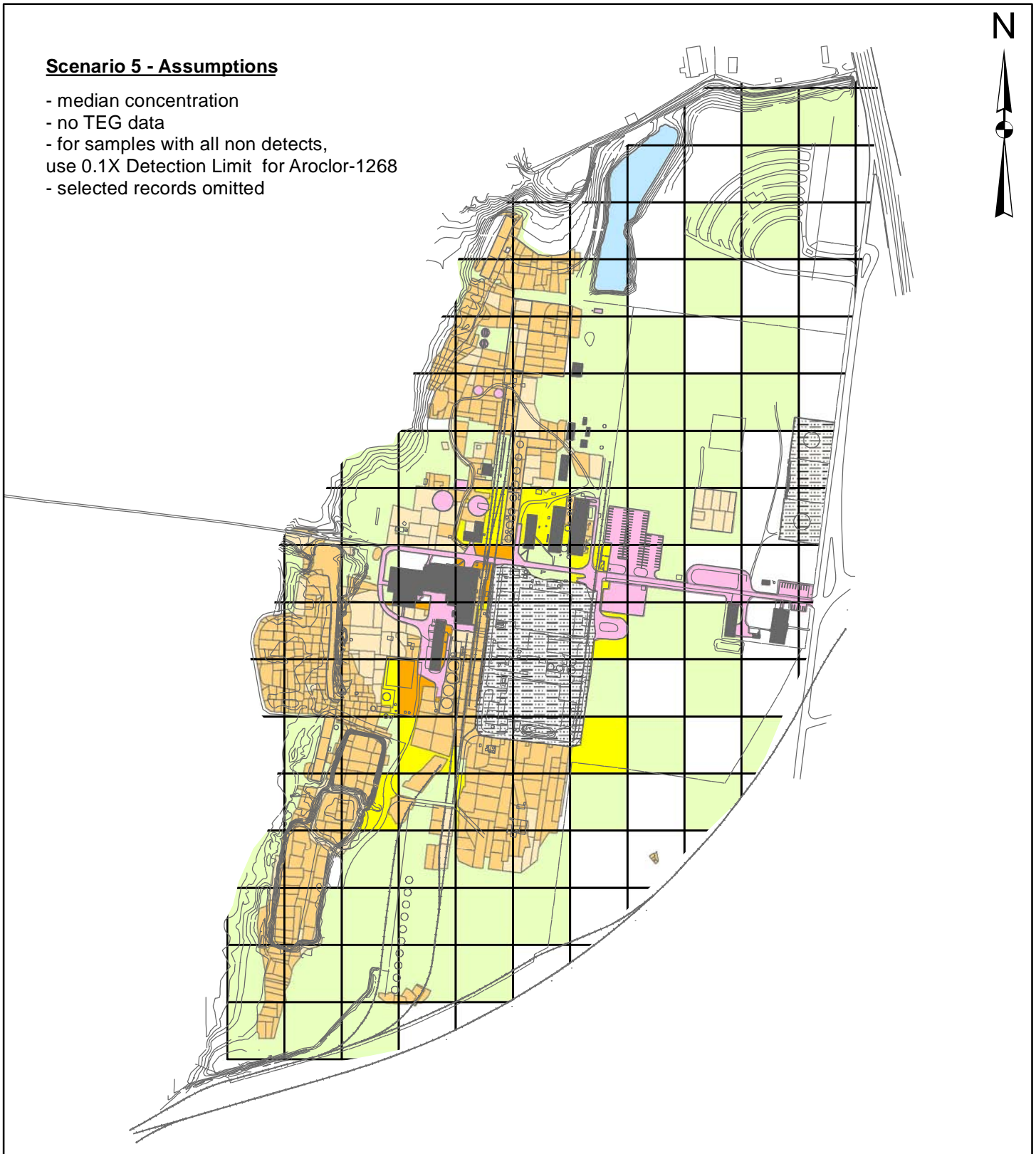
Legend

Site Features	Capped	No data	6 - 10 ppm (> weasel LOEL)
Buildings	< 1 ft backfill	< 2 ppm	10 - 50 ppm
Freshwater Pond	> 1ft backfill	2 - 6 ppm (> shrew LOEL)	> 50 ppm
Concrete Slabs and Foundations			

Scenario 5 Total PCBs

Scenario 5 - Assumptions

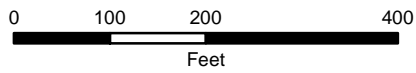
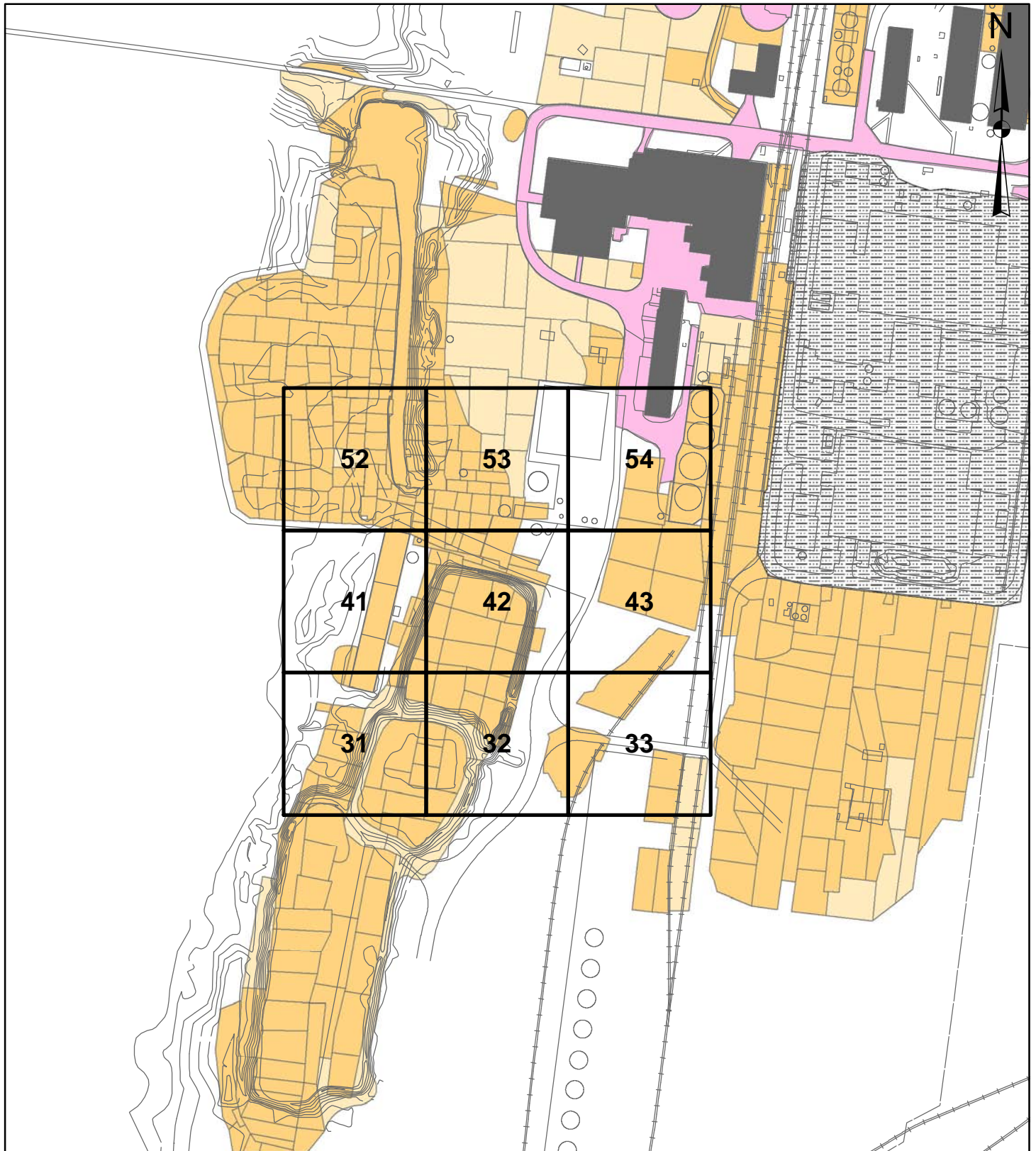
- median concentration
- no TEG data
- for samples with all non detects, use 0.1X Detection Limit for Aroclor-1268
- selected records omitted



Legend

Site Features	1994-97 Removal Action Areas	Scenario 5 - Total PCBs	6 - 10 ppm (> weasel LOAEL)
Buildings	Capped	< 2 ppm	10 - 50 ppm
Freshwater Pond	< 1 ft backfill	2 - 6 ppm (> shrew LOAEL)	> 50 ppm
Concrete Slabs and Foundations	> 1ft backfill		

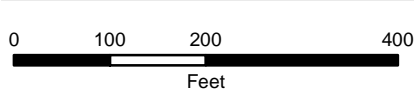
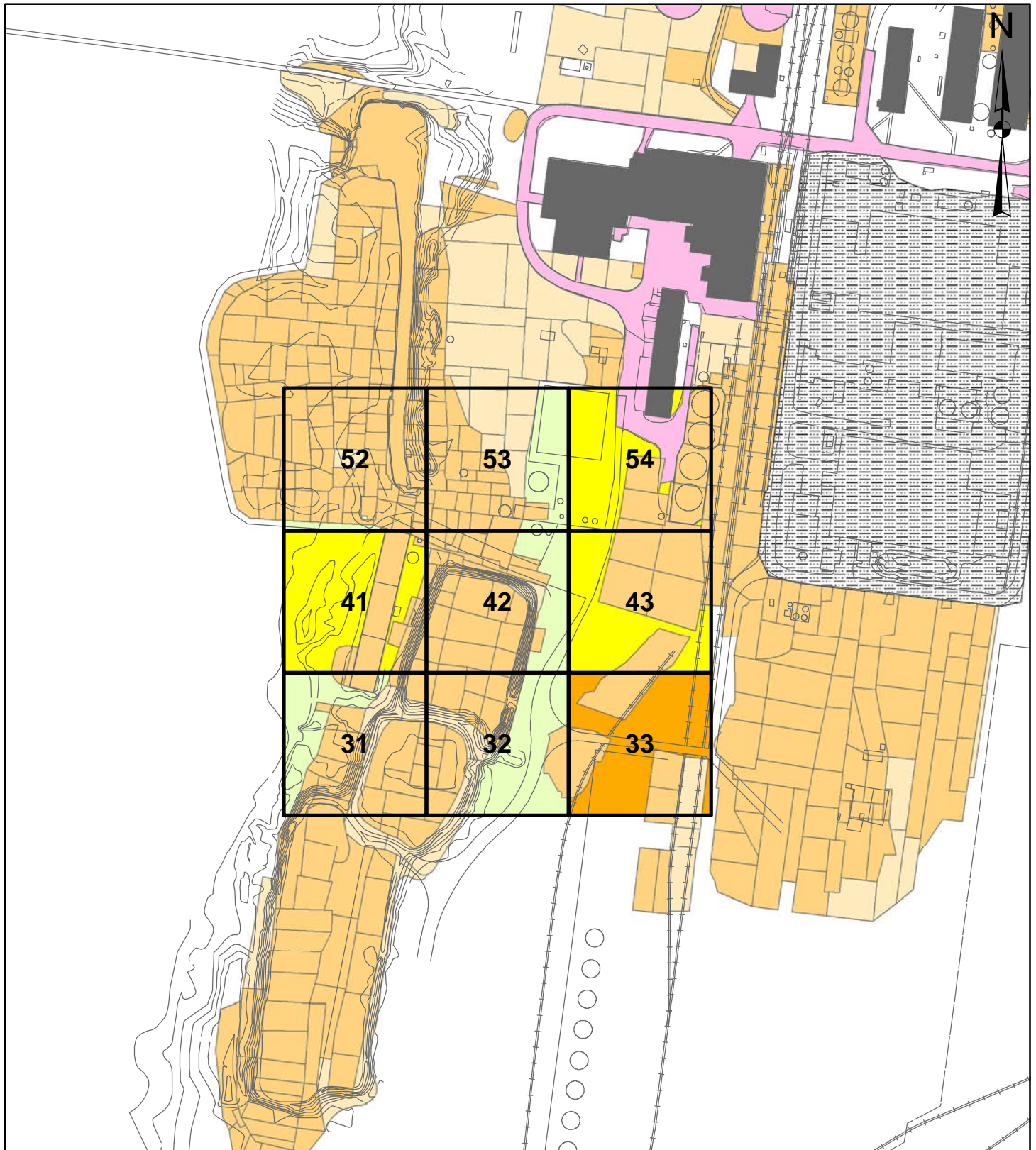
Grids for Quantitative Evaluation of Backfill Effects in the Quadrant 4 Focus Area



Legend

- | | | |
|--------------------------------|------------------------------|---|
| Site Features | 1994-97 Removal Action Areas | Grids for Quantitative Evaluation of Backfill Effects |
| Buildings | Capped | |
| Freshwater Pond | < 1 ft backfill | |
| Concrete Slabs and Foundations | > 1ft backfill | |

Quantitative Evaluation of Backfill Effects on Mercury Concentrations in Quadrant 4 Focus Area



Legend

- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations

1994-97 Removal Action Areas

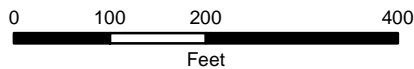
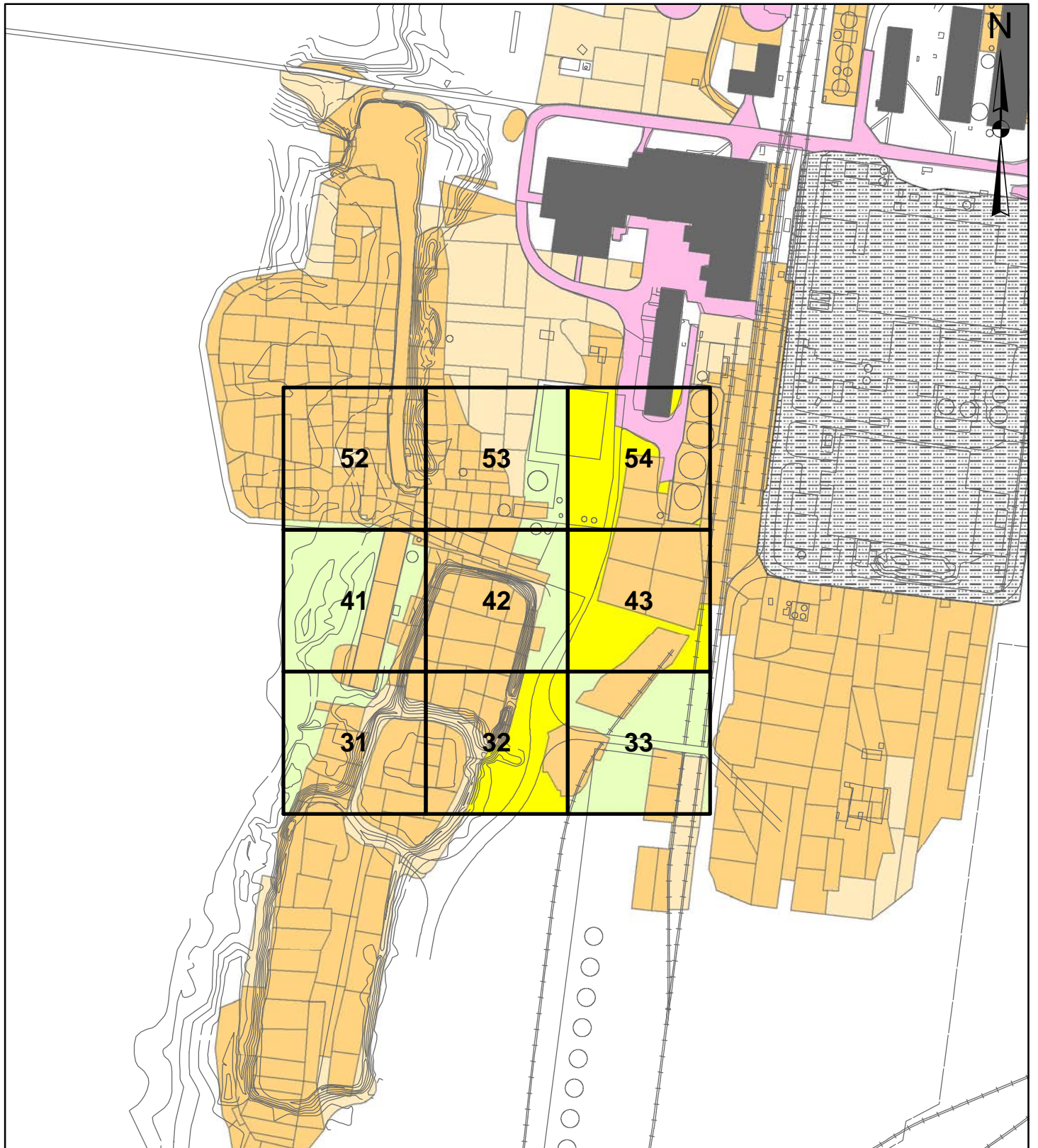
- Capped
- < 1 ft backfill
- > 1ft backfill

Scenario 1 - Mercury

- No data
- < 3 ppm
- 3 - 5 ppm (> shrew LOEL)

- 5 - 10 ppm (> hawk LOEL; 100% MeHg)
- 10 - 50 ppm (> hawk LOEL; 50% MeHg)
- > 50 ppm

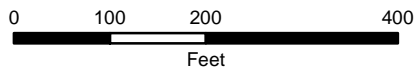
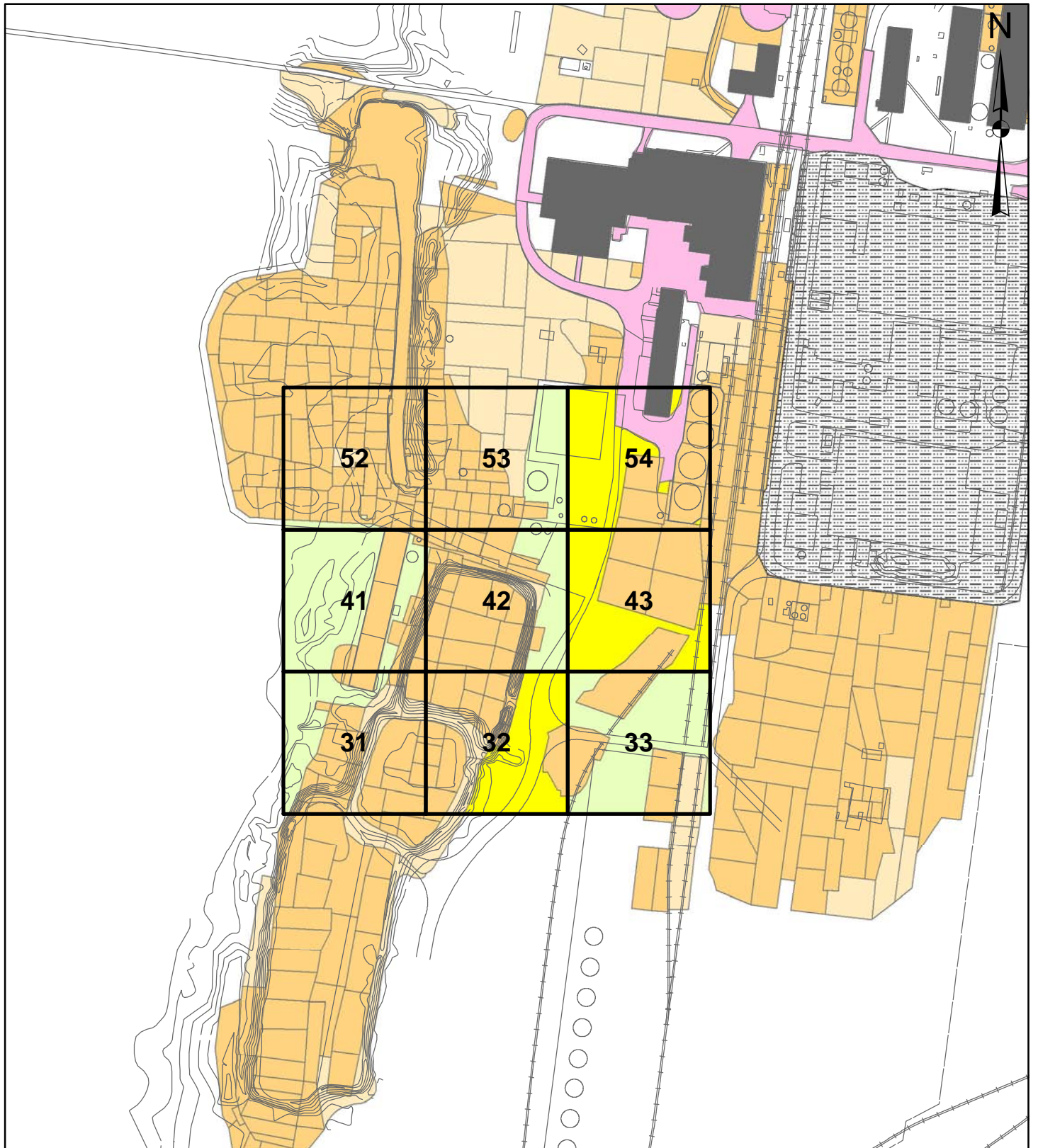
Quantitative Evaluation of Backfill Effects on Aroclor-1268 Concentrations in Quadrant 4 Focus Area



Legend

- | | | | |
|----------------------------------|------------------------------|----------------------------|----------------------------|
| — Site Features | 1994-97 Removal Action Areas | Scenario 4 - Total PCBs | 6 - 10 ppm (> weasel LOEL) |
| ■ Buildings | ▨ Capped | □ No data | 10 - 50 ppm |
| ■ Freshwater Pond | ■ < 1 ft backfill | ■ < 2 ppm | ■ > 50 ppm |
| ■ Concrete Slabs and Foundations | ■ > 1ft backfill | ■ 2 - 6 ppm (> shrew LOEL) | |

Quantitative Evaluation of Backfill Effects on Total PCB Concentrations in Quadrant 4 Focus Area



Legend

- Site Features
- Buildings
- Freshwater Pond
- Concrete Slabs and Foundations

1994-97 Removal Action Areas

- Capped
- < 1 ft backfill
- > 1ft backfill

Scenario 4 - Total PCBs

- No data
- < 2 ppm
- 2 - 6 ppm (> shrew LOEL)

- 6 - 10 ppm (> weasel LOEL)
- 10 - 50 ppm
- > 50 ppm

APPENDIX D

APPENDIX D

Evaluation of Soil Leaching Potential to Groundwater

Overview

An evaluation of potential leaching of constituents from the LCP Site unsaturated soil zone to groundwater was performed in accordance with the approach recommended by USEPA Region 4 (USEPA, 2012) to identify constituents to be evaluated further in the OU3 Feasibility Study (FS). In general, the evaluation identifies constituents that may leach to groundwater with a multistep analysis based on direct comparisons of soils data to USEPA provided benchmark criteria and site-specific empirical data (groundwater data and batch leaching data) collected to assess evidence of potential leaching.

Background

Assessment of soil leaching potential to groundwater for LCP Site soils has progressed over the course of OU3 RI development from application of default soil screening levels (“SSLs”) to direct testing of soil leaching potential. Initially, the analysis of the soil leaching potential involved the use of the USEPA SSL model – this work was summarized in two Technical Memoranda (EPS, 2008; 2009a). In review of the memoranda, USEPA determined the available data analysis and modeling approach was insufficient for the purpose of evaluating future leaching potential (USEPA, 2009). The USEPA comment letter offered the option to directly test in a laboratory the leaching potential of soils as a means to provide empirical data, thereby avoiding considerable uncertainties associated with a modeling approach. Direct testing of soil leaching potential was conducted according to an approved Work Plan (EPS, 2009b), with the results summarized in the January 2010 draft OU3 HHBRA (EPS, 2010). In its review of the 2010 HHBRA, USEPA determined (1) that a comprehensive Site wide groundwater sampling event was necessary to conclude leaching was not ongoing for some constituents, and (2) concluded five constituents may be an issue for continued leaching to groundwater including: 1,2,4-trimethylbenzene, naphthalene, benzene, mercury and Aroclor 1268 (USEPA, 2010).

In a follow-up letter dated November 1, 2011, USEPA proposed a final strategy for evaluating potential leaching of soil constituents to groundwater based on the full breadth of data acquired including soils data outside the extent of the caustic brine pool (1996 boundary), groundwater data, and direct testing of soil leaching potential (USEPA, 2011). This strategy is summarized and applied herein and results in a list of constituents to be evaluated further in the OU3 FS.

Leaching Data

The analysis is based on soils data set from the approved OU3 HHBRA (EPS, 2012), results of the 2012 Site wide groundwater sampling event, and data from the Work Plan for Direct Testing of Soil Leaching Potential (EPS, 2009b). As a departure from the analysis provided by USEPA

Region 4, the comparison to groundwater data is limited to current conditions based on the 2012 groundwater monitoring event which included all Site monitoring wells (EPS, 2012).

Leaching Analysis

The first step of the evaluation screens out constituents based on relevance to the Site, specifically, constituents identified as analytical artifacts or as background are removed. Second, the analysis identifies constituents unlikely to leach to groundwater based on a direct comparison of soils data (e.g. maximum detected concentration and detection frequency) to benchmark values (e.g. soil screening levels). Third, the analysis identifies constituents unlikely to leach to groundwater through a comparative exercise based on current groundwater data. Lastly, the analysis compares soils data to empirical evidence obtained through batch leaching results of Site soils. The criteria are outlined in detailed below.

Step 1: Two criteria were used to screen-out constituents from the analysis based on relevance to the Site. Constituents were removed if either of the two were true.

- Constituent was reported in the method blank (“B” flagged by laboratory); or
- Constituent is a common metal or pesticide ubiquitous to the region.

Step 2: Three criteria were used to screen-out constituents from the analysis based on frequency of detection and maximum detection. Constituents were removed if any of the following were true.

- Constituent detected <5% of soil samples; or
- Constituent detected <10% of soil samples above the default SSL; or
- Constituent maximum reported concentration < site-specific SSL.

Step 3: Three criteria were used to screen-out constituents from the analysis based on a comparative study to Site groundwater. Constituents were removed if any of the following were true.

- Constituent not detected in groundwater ; or
- Constituent not detected in groundwater above USEPA Maximum Contaminant Level (“MCL”) or other risk based value (e.g. USEPA Regional Screening Level for tap water); or
- Constituent groundwater detections exhibit high values in deep water wells compared to shallow water wells.

Step 4: Two criteria were used to remove constituents from the analysis based on empirical data obtained from a batch leaching study of Site soils. Constituents were removed if any of the following were true.

- Constituent soil concentrations are less than the Empirical Soil Screening Level (“ESSL”) determined in batch leaching study; or
- Constituent Exposure Point Concentration (“EPC”) is less than SSL.

Leaching Analysis Results

Results of Step 1 and Step 2:

Constituents not screened-out for potential to leach to groundwater based on soil concentration and frequency of detection from Step 1 and Step 2 are provided in Table D-1 consistent with Enclosure 1 and Enclosure 2 of the USEPA Region 4 letter dated October 26, 2012 (USEPA 2012).¹

Table D-1. Potential Soil Leaching Constituents Based on Evaluation Step 1 and Step 2.

Off-Site Tank Farm	Quadrant 1	Quadrant 2	Quadrant 3	Quadrant 4
Arsenic	Aroclor 1268	Aroclor 1268	Aroclor 1268	Antimony
Antimony	Arsenic	Aroclor 1254	Aroclor 1254	Aroclor 1268
Lead	Lead	Lead	Arsenic	Arsenic
	Mercury	Mercury	Copper	Benzo(a)anthracene
	Dichloromethane		Dichloromethane	Lead
			Isopropylbenzene	Mercury
			Lead	1-Methylnaphthalene
			Mercury	Naphthalene
			1-Methylnaphthalene	Selenium
			2-Methylnaphthalene	1,2,4-Trimethylbenzene
			Naphthalene	
			Styrene	
			1,2,4-Trimethylbenzene	
			1,3,5-Trimethylbenzene	

Results of Step 3:

Constituents determined to exhibit a potential to leach to groundwater after evaluation of soils data were evaluated for occurrence in shallow groundwater (“A” series wells). For this analysis the constituents listed in Table D-1 were evaluated based on detection frequency and concentration in groundwater (Table D-2). Groundwater wells in the analysis are shown in Figure D-1 and color coded to show which quadrant the groundwater well characterizes. Groundwater wells located near the boundary of Quadrant 1 and Quadrant 3, and the boundary of Quadrant 2 and Quadrant 4 were applied to the up gradient quadrant as these wells will represent groundwater moving from west to east and more appropriately characterize groundwater flowing from the up gradient quadrant. Note no groundwater wells are associated with the Off-site Tank Farm; therefore a comparison to groundwater is not applicable. Constituents not detected in groundwater for a quadrant were screened-out from further evaluation. Constituents detected in groundwater are further compared to SSLs developed from the batch leaching tests of Site soils, used to develop Site specific Empirical Soil Screening Levels (ESSLs) in Step 4.

^{D-1} The October 26, 2012 letter was an update to a previous letter on the same subject dated November 1, 2011.

Table D-2. Comparison of Constituents (not Screened-out by SSL Evaluation) to Current Groundwater Conditions.

	# Samples	Frequency of Detections > MCL	Maximum Detection (ug/L)	MCL /Tap Water (ug/L)	Screened - Out
QUADRANT 1					
Aroclor 1268	1	0/1	ND	2	Yes
Arsenic	5	0/5	5.5	10	Yes
Lead	5	0/5	0.012	15	Yes
Mercury	5	0/5	0.003	2	Yes
Dichloromethane	5	0/5	ND	5	Yes
QUADRANT 2					
Aroclor 1268	3	0/3	ND	2	Yes
Aroclor 1254	3	0/3	ND	2	Yes
Lead	4	0/4	0.12	15	Yes
Mercury	4	0/4	0.3	2	Yes
QUADRANT 3					
Aroclor 1268	5	0/5	ND	2	Yes
Aroclor 1254	5	0/5	ND	2	Yes
Arsenic	11	3/11	129	10	-
Copper	11	0/11	43	1300	Yes
Dichloromethane	11	2/11	36	5	-
Isopropylbenzene	11	0/11	60	30090	Yes
Lead	11	1/11	165	15	-
Mercury	11	1/11	6.4	2	-
1-Methylnaphthalene	-	-	-	0.97	Yes
2-Methylnaphthalene	11	3/11	200	27	-
Naphthalene	11	10/11	260	0.14	-
Styrene	11	0/11	ND	-	Yes
1,3,5-Trimethylbenzene	11	2/11	97	87	-
1,2,4-Trimethylbenzene	11	5/11	500	15	-
QUADRANT 4					
Antimony	40	1/40	6.2	6	Yes
Aroclor 1268	31	0/31	ND	2	Yes
Arsenic	40	28/40	81.7	10	-
Benzo(a)anthracene	40	0/40	1.5	29	Yes
Lead	40	23/40	280	15	-
Mercury	40	29/40	522	2	-
1-Methylnaphthalene	-	-	-	0.97	Yes
Naphthalene	40	35/40	98	0.14	-
Selenium	40	0/40	43.8	50	Yes
1,2,4-Trimethylbenzene	40	7/40	190	15	-

1-Methylnaphthalene was not analyzed for in the 2012 groundwater monitoring event, however, 1-Methylnaphthalene was screened-out by USEPA based on absence in groundwater above regulatory limits for all previous groundwater sampling events.

Results of Step 4:

ESSLs were developed for LCP Site soils in accordance with the Work Plan for Direct Testing of Soil Leaching Potential (EPS, 2009b), shown in Table D-3. The Step 4 analysis is limited to metals not screened out in Step 3.

Table D-3. Comparison of Metal Constituents to ESSLs.

	ESSL-DAF1 (mg/kg)	Max Detect (mg/kg)	% Exceeding ESSL-DAF1	Screened-Out
Off-site Tank Farm				
Arsenic	20	1.3	0%	Yes
Antimony	28	1.6	0%	Yes
Lead	77	3,155	22%	-
QUADRANT 3				
Arsenic	20	12.9	0%	Yes
Lead	77	4,430	44%	-
Mercury	16	20.8	1%	-
QUADRANT 4				
Arsenic	20	15.7	0%	Yes
Lead	77	1,200	37%	-
Mercury	16	142	7%	-

ESSL-DAF1: Empirical Soil Screening Level at Dilution Attenuation Factor of 1.0

Summary of Constituents for the OU3 Feasibility Study

Following the approach recommended by USEPA Region 4, the constituents listed in Table D-4 may have the potential to leach to groundwater and will be evaluated further in the OU3 Feasibility Study.

Table D-4. Constituents to be Evaluated in the OU3 Feasibility Study

Off-Site Tank Farm	Quadrant 1	Quadrant 2	Quadrant 3	Quadrant 4
Lead	None	None	Benzene* Dichloromethane Lead Mercury 2-Methylnaphthalene Naphthalene 1,3,5- Trimethylbenzene** 1,2,4-Trimethylbenzene	Lead Mercury Naphthalene 1,2,4-Trimethylbenzene

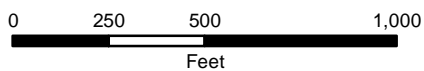
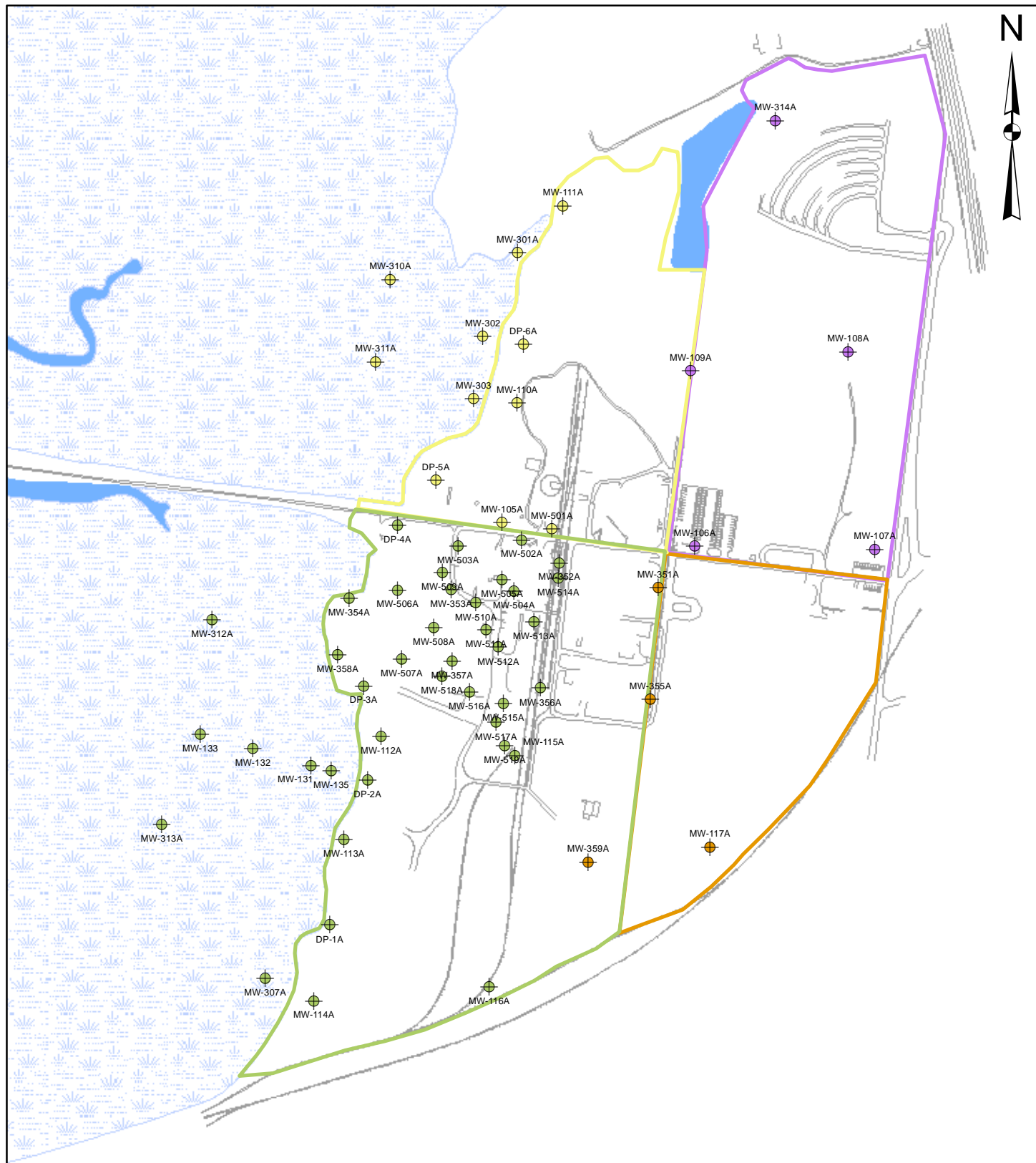
* Benzene has been added to the list of leaching constituents of potential concern identified in Appendix D due to localized conditions in Quadrant 3 of the Site.

**1,3,5-Trimethylbenzen was added to the list of Quadrant 3 constituents to be evaluated in the OU3 FS based on results of the 2012 groundwater sampling event.

References

- EPS. 2008. Technical Memorandum: Modeling of the Migration of Soil Constituents to Groundwater, Operable Unit 3 - Upland Soils, Revision 0.
- EPS. 2009a. Technical Memorandum: Modeling of the Migration of Soil Constituents to Groundwater, Operable Unit 3 - Upland Soils, Revision 1.
- EPS. 2009b. Work Plan for Direct Testing of Soil Leaching Potential, Operable Unit 3 - Upland Soils.
- EPS. 2010. Draft Human Health Baseline Risk Assessment for Upland Soils, LCP Chemicals Site, Brunswick, Georgia. February.
- EPS. 2012 Work Plan for Comprehensive Groundwater Sampling, LCP Chemicals Site, Operable Unit. (April 2012).
- U.S. Environmental Protection Agency (USEPA). 2009. Comments on Technical Memorandum: Modeling of Migration of Soil Constituents to Groundwater, Operable Unit 3 – Upland Soils, Revision 1, LCP Chemicals Site, Brunswick, GA. April 13.
- U.S. Environmental Protection Agency (USEPA). 2010. Comments on January 2010 Human Health Baseline Risk Assessment for Upland Soils (OU3), Section 6.2, Indirect Exposure Risk Characterization – Soil Leaching for the LCP Chemicals Superfund Site in Brunswick, GA. April.
- U.S. Environmental Protection Agency (USEPA). 2012. Leaching to Groundwater: LCP Chemicals Superfund Site, Brunswick, Glynn County, GA. Letter from Galo Jackson, USEPA Region 4, to Jim McNamara, GAEPD, October 26.

Quadrant Groundwater Characterization Locations



Quadrant Groundwater Characterization Point

- Quadrant 1
- Quadrant 2
- Quadrant 3
- Quadrant 4

- Quadrant 1
- Quadrant 2
- Quadrant 3
- Quadrant 4

- Salt Marsh
- Surface Water