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*Via Electronic Mail*

December 4, 2025

Mr. Alexander Carli-Dorsey  
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**Re: GE-Pittsfield/Housatonic River Site  
Rest of River (GECD850) – Reaches 5B and 5C  
Pre-Design Investigation Work Plan for Reaches 5B and 5C**

Dear Mr. Carli-Dorsey:

In accordance with discussions between GE and EPA, enclosed for EPA's review and approval is GE's Pre-Design Investigation Work Plan for Reaches 5B and 5C.

Please let us know of any comments or questions.

Very truly yours,

Rachel Leary  
Project Manager

Enclosure

Cc: (via electronic mail except where noted)

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December 2025  
Housatonic River – Rest of River



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## Pre-Design Investigation Work Plan for Reaches 5B and 5C

Prepared for General Electric Company  
Pittsfield Massachusetts

December 2025  
Housatonic River – Rest of River

# Pre-Design Investigation Work Plan for Reaches 5B and 5C

**Prepared for**  
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## ABBREVIATIONS

AC	activated carbon
CD	Consent Decree
Conceptual RD/RA Work Plan	Conceptual Remedial Design/Remedial Action Work Plan
DGPS	differential global positioning system
DQO	Data Quality Objective
EA	exposure area
EMNR	enhanced monitored natural recovery
EPA	U.S. Environmental Protection Agency
EPC	exposure point concentration
Final Revised OSS	<i>Final Revised Overall Strategy and Schedule for Implementation of the Corrective Measures</i>
Final Revised SOW	<i>Final Revised Rest of River Statement of Work</i>
FSP/QAPP	<i>Field Sampling Plan/Quality Assurance Project Plan</i>
GE	General Electric Company
HHRA	<i>Human Health Risk Assessment</i>
LiDAR	Light Detection and Ranging
MassDFW	Massachusetts Division of Fisheries and Wildlife
mg/kg	milligrams per kilogram
PCB	polychlorinated biphenyl
PDI	pre-design investigation
PSA	Primary Study Area
RCMS	<i>Housatonic River – Rest of River, Revised Corrective Measures Study Report</i>
RCRA	Resource Conservation and Recovery Act
Reach 5A Floodplain PDI Work Plan	<i>Second Revised Pre-Design Investigation Work Plan for Reach 5A Non-Residential Floodplain Exposure Areas</i>
Reaches 5B/5C BRA Report	<i>Baseline Restoration Assessment Report for Housatonic River Reaches 5B and 5C</i>
Reaches 5B/5C PDI Work Plan	<i>Pre-Design Investigation Work Plan for Reaches 5B and 5C</i>
Revised Final Permit	<i>Revised Final Resource Conservation and Recovery Act Permit Modification</i>
RFI Report	<i>Housatonic River – Rest of River RCRA Facility Investigation Report</i>
ROR	Rest of River
RU	Remediation Unit
SI	Supplemental Investigation
SOP	Standard Operating Procedure

TOC	total organic carbon
UDF	Upland Disposal Facility
USGS	U.S. Geological Survey
Whiteout	Whiteout Solutions
WWTP	Wastewater Treatment Plant

# 1 Introduction

## 1.1 Background

Pursuant to Section II.H.3 of the Revised Final Resource Conservation and Recovery Act (RCRA) Permit Modification (Revised Final Permit), issued by the U.S. Environmental Protection Agency (EPA) to the General Electric Company (GE) on December 16, 2020, for the Rest of River (ROR) portion of the GE-Pittsfield/Housatonic River Site, GE is required to prepare pre-design investigation (PDI) work plans for the collection of data to be used to support the design for the ROR remedial activities prescribed by the Revised Final Permit. The requirements for PDI work plans for the various ROR areas to be remediated are specified in Section 4.2.3.1 of the *Final Revised Rest of River Statement of Work* (Final Revised SOW; Anchor QEA et al. 2021), submitted by GE on September 14, 2021, and approved by EPA on September 16, 2021.

As described in Section 3.2 of GE's *Final Revised Overall Strategy and Schedule for Implementation of the Corrective Measures* (Final Revised OSS; Anchor QEA 2022), approved by EPA on July 6, 2022, the ROR has been segmented into six separate Remediation Units (RUs) to manage workflow and schedule for the ROR Remedial Action. Reach 5A is the first RU to be addressed because it is the most upstream reach in the ROR, and PDI activities within that reach have been completed. In addition, the Final Revised OSS states that sediment removal in Reach 6, which is farther downstream, will be conducted in parallel with sediment/soil removal in Reach 5A such that sediment removal in both of these reaches will be completed at approximately the same time. Accordingly, PDI activities in Reach 6 have also been completed.

Section 4 (Table 4-1) of the Final Revised OSS indicates that separate PDI work plans would be prepared for Reaches 5B and 5C and that these work plans would be prepared and submitted approximately three and two years prior to anticipated completion of sediment/soil removal activities in Reach 5A, respectively. GE has elected to accelerate that schedule, with EPA concurrence, and submit a combined PDI work plan for these two reaches at this time.

Data collected as part of this *Pre-Design Investigation Work Plan for Reaches 5B and 5C* (Reaches 5B/5C PDI Work Plan) will support future design tasks necessary to determine the appropriate scope of remediation in each of these reaches to satisfy the Performance Standards specified in the Revised Final Permit for river and backwater sediments and riverbank and floodplain soils in each such reach.

## 1.2 Description of Reaches 5B and 5C

Under the Consent Decree (CD) for the GE-Pittsfield/Housatonic River Site (EPA and GE 2000), the ROR is defined as the portion of the Housatonic River and its backwaters and floodplain (excluding Actual/Potential Lawns as defined in the CD) located downstream of the confluence of the East and

West Branches of the Housatonic River (the Confluence). The first approximately 10 miles of the ROR, from the Confluence to the headwaters of Woods Pond, is referred to as Reach 5. Reach 5 is subdivided further into subreaches 5A, 5B, and 5C (Figure 1-1).

Reach 5B is approximately two miles long, with the upstream end situated for the river at the outfall of the Pittsfield Wastewater Treatment Plant (WWTP) and for the floodplain at the Pittsfield-Lenox municipal boundary just south of the Pittsfield WWTP, and the downstream end located approximately at the confluence of Roaring Brook. The upper portion of Reach 5B from the WWTP to New Lenox Road has similar characteristics to Reach 5A. The width of the river in this area ranges from approximately 60 to 120 feet, and bankfull water depths generally range from approximately five to 10 feet. The sediment bed consists of coarse to fine sands with approximately 10% to 15% silt and clay, and the floodplain is predominantly agricultural and forested. In the lower portion of Reach 5B south of New Lenox Road, the river widens to approximately 60 to 160 feet and bankfull water depths range from approximately five to 15 feet. This portion of Reach 5B is dominated by a broad wetland floodplain, ranging from 800 to 3,000 feet wide (EPA 2005). In most of Reach 5B, the river channel is likely in dynamic equilibrium or depositional (Arcadis and QEA 2007).

Reach 5C is approximately three miles long and extends south from the boundary with Reach 5B (described above) into the Town of Lee to the headwaters of Woods Pond. The Reach 5C river channel is influenced by the backwater effects from Woods Pond Dam and is predominantly depositional, with a sediment bed characterized predominantly by fine sands and silts. The width of the river channel ranges from about 70 to 200 feet (typically 80 to 90 feet) with bankfull water depths ranging from approximately five to 15 feet. This reach includes a broad floodplain with numerous backwater areas, side channels, and meanders. The floodplain on the eastern side of the river tends to be somewhat narrow and is confined by the steep slopes of October Mountain. Dense vegetation generally lines the banks of the river in this reach, and extensive backwaters are present in the lower portion of this reach (EPA 2005).

## 1.3 Summary of Applicable Requirements

This section provides a summary of the applicable requirements of the Revised Final Permit for remediation of the river sediments, riverbank soils, backwater sediments, non-residential floodplain soils (including vernal pools), and residential floodplain soils located within Reaches 5B and 5C.

### 1.3.1 River Sediments

**Reach 5B:** Section II.B.2.b.(1) of the Revised Final Permit requires that riverbed sediments in Reach 5B containing discrete samples with total polychlorinated biphenyl (PCB) concentrations greater or equal to 50 milligrams per kilogram (mg/kg) in the surficial one foot of sediment be removed and the excavation backfilled. Subsequent to removal and backfilling in such areas, enhanced monitored natural recovery (EMNR) is to be implemented throughout the remainder of Reach 5B. EMNR

methods are to include placement of an amendment such as activated carbon (AC) or other comparable materials to be proposed by GE (and approved by EPA) throughout Reach 5B to reduce the bioavailability of the remaining PCBs in the sediment bed.

Requirements for the characterization and delineation of excavation areas exceeding the 50 mg/kg PCB criterion in Reach 5B sediments are provided in Section II.B.2.b.(2)(a) of the Revised Final Permit. That section states that four cores (thalweg, center, left, and right) must be collected from the surficial 0 to 12 inches of the riverbed along transects at a spacing of every 25 linear feet of river channel. Sediments must be removed from the Thiessen polygon associated with each discrete sample containing  $\geq 50$  mg/kg total PCBs. The locations of sediment to be removed in Reach 5B are to be determined based on the data collected pursuant to the PDI work plan and will not include historical data.

**Reach 5C:** Section II.B.2.c.(1) of the Revised Final Permit requires that sediments in Reach 5C be removed as necessary to achieve a spatial average total PCB concentration of 1 mg/kg (or less) in both the top one foot of sediment and in subsurface sediment in each averaging area and depth interval, and that such removal must include removal of any sediment area with a total PCB concentration greater or equal to 50 mg/kg. Such removal is to be followed by the placement of a minimum of six inches of backfill in areas of the reach that required removal. Backfill material must have characteristics similar to existing sediments and is to be placed such that it results in a final grade that is generally consistent with original grade or modifications as approved by EPA considering the principles of Natural Channel Design.

There are no prescribed sediment sampling requirements in the Revised Final Permit to meet the Performance Standards for Reach 5C; however, requirements related to characterization of sediment excavated from the ROR for the purposes of disposal in the Upland Disposal Facility (UDF) or off site are provided in Attachment E of the Revised Final Permit. That attachment states that only data collected pursuant to the Revised Final Permit can be used for disposal characterization for Reach 5C sediments. Specifically, the sampling needs to consist of collecting three vertical cores on transects (i.e., a core located to the left, center, and right of the channel at each transect) with transects spaced 250 linear feet apart along the river channel. Vertical sediment cores need to be segmented into six-inch increments and need to be of sufficient depth to characterize sediment PCB concentrations throughout the full vertical interval to be removed.

### 1.3.2 Backwaters

Section II.B.2.d of the Revised Final Permit sets forth the Performance Standards for backwaters. For backwaters located outside of Core Area 1 habitat, surface (0- to 12-inch depth) and subsurface sediments must be removed, including any surface sediments in areas with total PCB concentrations greater than or equal to 50 mg/kg, and replaced with a contiguous engineered cap (or backfill) so as

to achieve a spatially weighted average total PCB concentration of 1 mg/kg in surface and subsurface sediments in each averaging area. For backwaters within Core Area 1 habitat, surface sediments (0- to 12-inch depth) with PCB concentrations greater than or equal to 50 mg/kg must be removed and replaced with an engineered cap, and in areas where surface sediment total PCB concentrations are between 1 and 50 mg/kg, an amendment (e.g., AC or other comparable amendment[s]) is to be placed to reduce bioavailability. Section II.B.2.d.(2)(a) states that, for backwater areas, GE "shall propose in a Pre-Design Work Plan . . . additional sampling for PCBs in sediment, and a method for averaging surface and subsurface PCB concentrations using a 50-foot grid, including proposed averaging areas and depth intervals."

Section II.B.2.i.(1)(b) of the Revised Final Permit requires that the installation of the engineered cap in the backwaters will not result in a loss of flood storage capacity and that there will be no increase in water surface elevations. The sediment removal depth needs to accommodate the cap thickness, including a mixing layer, a chemical isolation layer, an erosion protection layer, a geotechnical filter layer, a bioturbation layer, and a habitat layer, as required by Section II.B.2.i.(1)(a) and Section II.B.2.i.(2) of the Revised Final Permit.

### **1.3.3 Riverbank Soils**

**Reach 5B:** Section II.B.2.b.(1)(c) of the Revised Final Permit requires that riverbank soils in Reach 5B with a total PCB concentration greater than or equal to 50 mg/kg in the surficial one foot of soil be removed, and that disturbed banks be reconstructed using bioengineering methods to minimize erosion and reduce downstream transport of the residual PCBs in bank soils. Section II.B.2.b.(2)(b) states that characterization and delineation of excavation areas exceeding the 50 mg/kg PCB criterion in Reach 5B riverbank soils are to be represented by a Thiessen polygon in any of three samples (bottom, midpoint, or top of the riverbank) collected from the surficial foot of the riverbank at an interval of 25 feet of linear bank. For portions of the riverbanks that do not require remediation based on the criterion described above, GE is required to evaluate the PCB data, erosion potential, adjacent floodplain removal (if any), constructability issues, and likelihood of future downstream transport at the measured PCB concentrations should such banks erode, and based on these factors, consider supplemental riverbank removal and propose any further action consistent with its evaluation.

**Reach 5C:** There are no Performance Standards requiring remediation of riverbank soils in Reach 5C in the Revised Final Permit.

### **1.3.4 Non-Residential Floodplain Soils and Vernal Pools**

Section II.B.3 of the Revised Final Permit sets forth the Performance Standards for Rest of River floodplain soil and vernal pools. Section II.B.3.a.(2)(a) requires GE to conduct additional sampling of floodplain soil (as needed) to determine the total PCB exposure point concentration (EPC) for each

exposure area (EA) using a Thiessen polygon approach. Footnote 12 of the Revised Final Permit further states that, for the non-residential EAs, "the EPCs shall be calculated using the methods described in Appendix D to the GE's Corrective Measures Proposal and subsequent revisions described in Section 4.4 in GE's October 2010 Revised Corrective Measures Study, including the use of an approved 95% Upper Confidence Limit method to estimate the mean concentration of total PCBs, the use of spatially interpolated representation of floodplain soil PCB data, and factoring in habitat community mapping where applicable." These methods are described in detail in Appendix A to this Reaches 5B/5C PDI Work Plan. In addition to the sampling requirements, the Revised Final Permit specifies numerical Performance Standards—i.e., soil PCB concentrations to be achieved—for the floodplain EAs, based on their current exposure scenarios. These standards are specified in Tables 1 and 2 of the Revised Final Permit. The listed floodplain EAs located in Reach 5B are designated EAs 35 through 43 and EAs 65 and 66, and those in Reach 5C are designated EAs 44 though 55. These EAs are shown on Figure 3 of the Revised Final Permit.

For vernal pools, Section II.B.3.b.(2)(b) of the Revised Final Permit requires GE to conduct additional sampling of vernal pools to generate baseline data on the concentrations of total PCBs, so as to identify vernal pools that have a spatially weighted average PCB concentration exceeding the applicable Performance Standard of 3.3 mg/kg (based on risk to amphibians). Vernal pools where the spatially weighted average PCB concentration exceeds that level must be remediated, with the method of remediation to be determined based on the results of the vernal pool pilot study conducted in Reach 5A.

### *1.3.5 Residential Floodplain Soils*

Section II.B.3.a.(1)(d) of the Revised Final Permit sets forth the Performance Standards for residential floodplain properties. It addresses six residential properties in Lenox that are listed in Table 5 of the Revised Final Permit as being in Reach 5C.<sup>1</sup> This provision states that, for the residential floodplain parcels in Reach 5C that are identified in Table 5, GE must, if the Town of Lenox determines that any of the property owners consent, excavate and replace soil at such property(ies) to achieve the Residential Performance Standards set forth in Table 3 of Revised Final Permit. The applicable Residential Performance Standards are an average PCB concentration of 2 mg/kg in the top foot of soil and in the 1- to X-foot depth increment (where X equals the depth at which PCBs are detected at 2 mg/kg or greater, up to a maximum depth of 15 feet), with no discrete PCB concentration in the top foot of soil exceeding 10 mg/kg (the not-to-exceed level).

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<sup>1</sup> The Revised Final Permit does not list any residential properties in Reach 5B, although, in fact, one of the listed properties in Reach 5C (Tax Parcel 24-6) is situated mainly in Reach 5B.

## 1.4 Work Plan Organization

The remainder of this Reaches 5B/5C PDI Work Plan is organized into the following sections:

- Section 2 provides a summary of existing PCB data for sediments and soils within Reaches 5B and 5C.
- Section 3 contains a summary of Data Quality Objectives (DQOs) for the PDI.
- Section 4 provides a description of proposed PDI sampling and analysis for PCBs in river and backwater sediments, riverbank soils, non-residential floodplain soils (including vernal pools), and residential floodplain soils. This section also contains information on field surveys to be performed as part of the PDI.
- Section 5 provides a schedule for performance of PDI activities described herein and a description of how the data collection activities and analytical results will be reported.

## 2 Summary of Prior Reach 5B and 5C Investigations

### 2.1 Sediment PCB Data

Numerous investigations were conducted dating back to the 1970s to evaluate the presence and extent of PCBs in the Housatonic River sediments. Between 1979 and 1998, 2,172 sediment samples were collected within the Massachusetts and Connecticut portions of the river by GE, as well as the Connecticut Agriculture Experiment Station and U.S. Geological Survey (USGS), with 159 and 297 of those samples collected within Reaches 5B and 5C, respectively; see the *Housatonic River – Rest of River RCRA Facility Investigation Report* (RFI Report [BBL and QEA 2003] at Table 4-2). EPA conducted the most current and comprehensive sampling of sediments in the ROR as part of its Supplemental Investigation (SI) between 1998 and 2002. That study included both systematic and discrete sediment sampling programs along the entire ROR to further delineate the nature and extent of PCBs in sediments and to facilitate EPA's human health and ecological risk assessments and modeling study. Specifically, the systematic sampling consisted of the collection of samples at regular intervals, and the discrete sampling consisted of "random, judgmental, or focused samples collected at distinct locations" to support specific sampling objectives (Weston 2000). That sampling program resulted in the collection of approximately 550 and 940 samples from the main channel portion of Reaches 5B and 5C, respectively (RFI Report at Table 4-2).

For these historical investigations, surface sediment was considered to be the top six inches. Surface sediment PCB concentrations in this dataset within Reach 5B ranged from non-detect to 165 mg/kg and have median and average concentrations of 3.3 and 6.5 mg/kg, respectively. These previous investigations showed that average PCB concentrations in this reach are greatest in the surface sediment and vary in concentration with depth, with a maximum concentration below the surface sediment of 62 mg/kg in both the 12- to 18-inch and 24- to 30-inch depth intervals (RFI Report at Table 4-8). Surface sediment PCB concentrations in this dataset within Reach 5C ranged from non-detect to 294 mg/kg and have median and average concentrations of 6.1 and 22 mg/kg, respectively. These previous investigations showed that average PCB concentrations in this reach are greatest in the top 18 inches of sediment. PCB concentrations remain relatively high (greater than 50 mg/kg) between 18 and 30 inches below the mudline but decrease considerably at depth intervals below 30 inches (*id.*). Note that for both Reaches 5B and 5C, the number of samples was reduced at deeper depth intervals compared to the surface interval.

During 1998 to 2001, in addition to sampling channel sediments, EPA measured PCBs in sediments located in backwater areas within Reaches 5B and 5C. As described in Section 4.5.2.1 of the RFI Report, PCB concentrations were below the detection limit in approximately 20% of the sediment samples collected within the top three feet of backwater sediments and soils. Within the top six inches of sediments, PCB concentrations ranged from non-detect to 220 mg/kg. In many cases, concentrations in

these areas differed from one backwater to another. Like the PCB data from the main channel of Reach 5C (where most backwaters are located), the average PCB concentration in backwaters is generally highest in the top six inches of sediment (23 mg/kg) and decreases with depth, although the number of samples is reduced at deeper depth intervals compared to the surface interval.

Finally, EPA and GE conducted a joint sampling program to evaluate sediment PCB partitioning characteristics in 2001. This program included PCB analysis of porewater extracted from surface sediment (0- to 6-inch) core samples. For this program, approximately 45 sediment samples were collected in Reach 5 and Woods Pond, with 23 of those samples collected in Reaches 5B and 5C. As described in Section 8.8.1.2 of the RFI Report, sediment PCB results from this study were generally consistent with the data from the larger EPA SI sampling program in these reaches.

## 2.2 Riverbank Soil PCB Data

Several studies were conducted dating back to the late 1980s to characterize the PCB concentrations in floodplain and riverbank soils adjacent to the Housatonic River. Sampling conducted by GE prior to 1998 focused primarily on floodplain soils and did not include any extensive characterization of riverbank soils. EPA conducted the most current and comprehensive sampling of riverbank soils in the ROR during its SI between 1998 and 2002, which included the collection of 39 riverbank samples within Reach 5B (RFI Report at Table 5-6).<sup>2</sup> Most of these samples were collected from the top one foot of soil (*id.* at Table 5-7). Total PCB concentrations in Reach 5B riverbank soil ranged from non-detect to 62 mg/kg, with median and average concentrations of 8.6 and 15 mg/kg, respectively (*id.* at Table 5-6).

## 2.3 Floodplain Soil PCB Data

Studies dating back to the late 1980s were conducted to characterize PCB concentrations in floodplain soil in the Massachusetts portion of the ROR. Between 1988 and 1998, GE collected over 1,000 floodplain soil samples along this portion of the ROR, with approximately 130 samples in Reaches 5B and 5C. An additional comprehensive sampling of the ROR floodplain was conducted by EPA as part of its SI between 1998 and 2002. EPA collected approximately 1,600 floodplain soil samples in Reaches 5B and 5C during the SI, and that sampling included several vernal pools in the floodplain. Between 1988 and 2002, over 1,700 floodplain soil samples were collected for analysis of PCBs in Reaches 5B and 5C, with approximately 120 of those samples located in vernal pools.<sup>3</sup> More

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<sup>2</sup> The EPA SI also included collection of a limited number of riverbank soil samples from Reach 5C. However, because there are no Performance Standards for riverbank soils in Reach 5C (see Section 1.3.2), those data have not been summarized here.

<sup>3</sup> This represents the number of samples located in vernal pool areas delineated historically by EPA during the SI. As described in Section 4.3.1.1.2, vernal pools were more recently re-delineated by GE in 2023-24, as described in the *February 2025 Baseline Restoration Assessment Report for Housatonic River Reaches 5B and 5C* (Reaches 5B/5C BRA Report; AECOM 2025), which was conditionally approved by EPA on September 23, 2025 and will be revised and updated in January 2026.

than 80% of the soil samples (approximately 1,400 samples) were collected from the surface soil (in this case, the top foot), with approximately 300 samples collected in the 1- to 3-foot depth interval. Surface soil PCB concentrations ranged from non-detect to 334 mg/kg in the floodplain and from non-detect to 230 mg/kg in vernal pools. Soil PCB concentrations were relatively lower in subsurface samples deeper than one foot, with PCBs not detected or less than 1 mg/kg in approximately 50% of those samples.

Of the floodplain soil PCB samples described above, approximately 40 samples were collected within the six residential properties listed in the Revised Final Permit as in Reach 5C (see Section 1.3.5). Most samples were collected in the top one-foot depth interval. Three locations were sampled in the subsurface down to 2.5 feet. PCB concentrations were detected for nearly 70% of these samples, with a maximum PCB concentration of 137 mg/kg.

## 2.4 Data on Other Parameters

In addition to the PCB data described above, a considerable amount of sediment and floodplain soil data on other parameters has been collected in Reaches 5B and 5C, much of which was collected as part of EPA's SI between 1998 and 2002 (Weston 2000). This dataset includes, for main channel sediments, approximately 970 sample results for total organic carbon (TOC), 840 for percent solids, and 330 for grain size distribution<sup>4</sup> and, for floodplain soils, approximately 280 sample results for TOC, 900 for percent solids, and 370 for grain size distribution. This dataset also includes, for backwater sediments, approximately 330 sample results for TOC, 250 for percent solids, and 300 for grain size distribution.

## 2.5 Field Surveys

Field surveys were conducted previously in the river in Reaches 5B and 5C by EPA as part of its SI between 1998 and 2002 (Weston 2000). Those surveys included flow and stage height monitoring, velocity measurements, and measurement of geometry.

More recently, between December 2021 and May 2022, in accordance with GE's *Revised Pre-Design Investigation Work Plan for Reach 5A Sediment and Riverbanks* (Anchor QEA and AECOM 2022), detailed topographic and bathymetric surveys of the riverbed and floodplain were conducted for the full length of the Primary Study Area (PSA) (i.e., from the Confluence to Woods Pond Dam), including Reaches 5B and 5C, extending laterally to include the approximate 100-year floodplain and including nearby infrastructure (e.g., roads). Specifically, in December 2021 (during low-flow, leaf-off conditions), an aerial Light Detection and Ranging (LiDAR) survey of floodplain topography was conducted for the entire PSA. In late April and early May 2022, a single-beam sonar bathymetric survey was conducted throughout the entire PSA main channel where water depth was sufficient to

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<sup>4</sup> These grain size distribution data are for the 0- to 6-inch depth interval only.

conduct such a survey. In areas where single-beam sonar could not be deployed due to limited water depth, bathymetry was surveyed using conventional survey methods from a shallow draft vessel or on foot by survey personnel wearing waders. In addition, a focused survey of the riverbanks in Reaches 5A and 5B was conducted in late April 2022 using a mobile LiDAR system mounted to a shallow draft boat. This additional survey allowed for relatively precise mapping of riverbanks in those reaches.

Finally, an additional aerial LiDAR survey of floodplain topography over the entire PSA was conducted in April 2025 to supplement the prior aerial survey.

### 3 Data Quality Objectives

The overall objective of the PDI activities proposed in this Reaches 5B/5C PDI Work Plan is to provide the data necessary to meet the requirements of the Revised Final Permit and support remedial design for main channel and backwater sediments, riverbank soils, and floodplain soils (including vernal pools) in Reaches 5B and 5C, as appropriate. As described in Section 1.1, the PDI for these reaches is being accelerated (likely several years ahead of remedial design); accordingly, the DQOs in this work plan focus primarily on characterization of PCB concentrations in sediments, riverbank soils, and floodplain soils. Additional pre-design data will be needed to support preparation of Conceptual Remedial Design/Remedial Action (RD/RA) Work Plan(s) for these reaches; however, given that preparation of these design plans is likely several years in the future, an addendum to this Reaches 5B/5C PDI Work Plan will be submitted at least one year prior to the anticipated submittal of those designs. That addendum will propose the collection of other necessary data to support the design, including the data to support the design of the required engineered cap and the necessary geotechnical data to support the remediation.<sup>5</sup>

Specific DQOs for this PDI are listed as follows:

#### **Sediment and Riverbank Soil DQOs:**

- **DQO 1:** Provide data on the PCB concentrations in the top one foot of riverbank soils in Reach 5B to define the extent of such soils containing PCB concentrations greater than 50 mg/kg.
- **DQO 2:** Provide data on the PCB concentrations in the top one foot of sediments in the main channel of Reach 5B to define the extent of such sediments containing PCB concentrations greater than 50 mg/kg.
- **DQO 3:** Characterize surface and subsurface sediment PCB concentrations in the main channel of Reach 5C to assess the extent of removal and backfill required to achieve an average post-remediation concentration of 1 mg/kg.
- **DQO 4:** Characterize surface and subsurface sediment PCB concentrations in backwater areas to assess the extent of removal and capping or backfill required to achieve an average post-remediation concentration of 1 mg/kg.

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<sup>5</sup> Additional data to support the remedial design for Reaches 5B and 5C have been or will be collected in accordance with other work plans. Specifically, data on the various ecological habitats in those reaches and the fauna and flora using those habitats, including federal and state-listed rare species, were previously collected and reported in GE's February 2025 Reaches 5B/5C BRA Report, which will be revised and updated in January 2026; and additional such habitat and rare species data will be collected pursuant to the Supplemental Data Collection Work Plan for Additional Baseline Restoration Assessment, which will be included in or with that revised Reaches 5B/5C BRA Report. In addition, information on archaeological and historical resources in Reaches 5B and 5C will be collected in accordance with a Phase IB Cultural Resources Survey Work Plan (or Plans), to be submitted concurrently with or after the Conceptual RD/RA Work Plan(s).

- **DQO 5:** Characterize PCB concentrations in sediments to be removed from Reach 5C and the backwaters to support assessment of on-site versus off-site disposal requirements.<sup>6</sup>
- **DQO 6:** Identify and delineate structures and utilities along the river channel and riverbanks to protect those features and worker safety and to support the remedial design.

#### **Floodplain Soil DQOs:**

- **DQO 7:** Update floodplain accessibility categories (i.e., walkable, wadable, difficult, and boatable) to support evaluations of floodplain soil PCB data in terms of those categories.
- **DQO 8:** Obtain soil PCB data within the floodplain and vernal pools to supplement the existing soil data, as necessary, to provide ample spatial coverage and sample density that captures the variability in concentrations and to be used for calculation of representative 0- to 1-foot PCB EPCs for the non-residential EAs in the Reaches 5B and 5C floodplain and 0- to 3-foot PCB EPCs for the Frequently Used Subareas in those reaches.
- **DQO 9:** Provide a dataset of 0- to 1-foot and 0- to 3-foot EPCs that can be used to demonstrate that the applicable Performance Standards for the non-residential EAs in the floodplain either are currently achieved or will be achieved through the performance of remediation activities to be specified during remedial design.
- **DQO 10:** Provide sufficient floodplain soil PCB data to support future remedial design and remedial action evaluations and proposals for the non-residential EAs in the floodplain. While supplemental data may be needed, the combined data sets should support delineation of the remediation extent to meet applicable Performance Standards, including preliminary access and constructability considerations.
- **DQO 11:** Obtain sufficient data in Core Area 1 habitat areas<sup>7</sup> to ensure that these areas are adequately characterized.
- **DQO 12:** Obtain sufficient soil PCB data in the residential floodplain properties in Reach 5C, taking into account the existing floodplain soil PCB dataset, to assess the need for and extent of remediation to achieve the Residential Performance Standards at those properties.
- **DQO 13:** For each residential property, obtain sufficient soil PCB data, taking into account the existing floodplain soil PCB dataset, to allow reliable calculation of PCB EPCs for the 0- to 1-foot and, if appropriate, 0- to X-foot depth increments to evaluate the attainment of the Residential Performance Standards.

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<sup>6</sup> Attachment E to the Revised Final Permit requires that all sediment and soils removed from Reach 5B be disposed of off site.

<sup>7</sup> As defined in the Revised Final Permit, Core Area 1 habitat consists of areas identified by the Massachusetts Division of Fisheries and Wildlife (MassDFW) as areas with “the highest quality habitat for species that are most likely to be adversely impacted by PCB remediation activities,” most of which species are plants because they are not mobile (Attachment B to Revised Final Permit).

- **DQO 14:** For each residential property, survey the property boundaries, buildings, and paved driveways to use in PCB evaluations during the remedial design.
- **DQO 15:** Characterize PCB concentrations in residential and non-residential floodplain soils to be removed to support assessment of on-site versus off-site disposal requirements.
- **DQO 16:** Identify and delineate structures and utilities in the floodplain to protect those features and worker safety and to support the remedial design.

## 4 Pre-Design Investigation Activities

This section summarizes proposed PDI activities to be performed within the river channel, riverbanks, backwaters, and floodplains in Reaches 5B and 5C.

### 4.1 Sediment PCB Characterization

This section describes sediment samples to be collected in the main channel and 28 backwaters located within Reaches 5B and 5C. These samples will be used to: (1) assess the extent of removal and backfill required to address surface sediments containing PCBs greater than 50 mg/kg in Reach 5B (DQO 2); (2) assess the extent of removal and capping or backfill required to achieve an average post-remediation concentration of 1 mg/kg in surface and subsurface sediments in the main channel of Reach 5C (DQO 3) and backwaters (DQO 4); and (3) support assessment of on-site versus off-site disposal requirements for sediments that will be removed from Reach 5C and the backwaters (DQO 5).

#### 4.1.1 *Main Channel Sediments*

##### 4.1.1.1 Reach 5B

As described in Section 1.3.1, the Revised Final Permit requires GE to collect four vertical sediment cores on transects (i.e., a core located at the thalweg, center, left, and right of the channel at each transect) with transects spaced 25 linear feet apart along the river channel. This corresponds to 553 transects and 2,212 discrete sediment core locations. Target sediment core locations are shown on Figures 4-1a through 4-1g.<sup>8</sup> The proposed locations of the center, left, and right channel sampling locations are known; however, the locations of the thalweg sampling locations have been approximated for this work plan and will be revised based on a bathymetric survey that GE recently completed (see Section 4.4.1).<sup>9</sup> The survey results and coordinates of the proposed thalweg sampling locations will be provided to EPA for review and approval prior to sample collection. Sediment cores will be collected to a total depth of one foot (or to the depth of sediment thickness [based on probing described in Section 4.4.2] if less than one foot). Sediment recovered at each location will be processed into a single sample for analysis.

##### 4.1.1.2 Reach 5C

As described in Section 1.3.1, Attachment E to the Revised Final Permit requires GE to collect three vertical sediment cores on transects (i.e., a core located at the center, left, and right of the channel at each transect) with transects spaced 250 linear feet apart along the river channel. This corresponds to

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<sup>8</sup> No cores have been sited in the area between the Reach 5A/5B boundary and the first river station in Reach 5B (i.e., Station 246+00, as shown on Figure 4-1a) because that area was already investigated as part of the Reach 5A PDI.

<sup>9</sup> Because coordinates of the thalweg sampling locations are not yet known, the locations shown on Figures 4-1a through 4-1g are approximate. For that reason, a tabular summary of the Reach 5B sediment sampling locations has not been provided as an appendix to this work plan.

73 transects and 219 discrete sediment core locations. Target sediment core locations are shown on Figures 4-2a through 4-2g. Sediment cores will be collected to a total depth of three feet (or to the depth of sediment thickness [based on probing described in Section 4.4.2] if less than three feet) and will be processed in six-inch intervals (six samples per core) for a total of 1,314 samples.<sup>10</sup> Appendix B provides a full tabular summary of all proposed main channel samples in Reach 5C, including transect and location IDs, coordinates, target sample depths, and the number of samples to be submitted for analysis.

The Revised Final Permit requires that GE provide proposed averaging areas and depth intervals for evaluation of achievement of the Reach 5C Performance Standards for surface and subsurface sediments (i.e., removal and backfill to achieve a spatially weighted average total PCB concentration of 1 mg/kg). This proposal will be provided in the future Conceptual RD/RA Work Plan for Reach 5C following review and evaluation of the sediment data to be collected under this PDI.

#### ***4.1.2 Backwater Sediments***

As described in Section 1.3.2, the Revised Final Permit requires collection of backwater sediment PCB samples on a 50-foot grid. There are 28 backwater areas located in Reaches 5B and 5C.<sup>11</sup> For these backwaters, the permit's sampling requirement would involve sampling at 149 core locations in Reach 5B, as shown on Figures 4-3a through 4-3h, and 1,121 core locations in Reach 5C, as shown on Figures 4-4a through 4-4t. However, for the larger backwaters, as discussed in Section 4.1.3, GE is proposing to implement a phased approach in which initial sampling will be conducted on a 100-foot grid, followed by an evaluation to determine whether and to what extent a second round of sampling is needed at the 50-foot grid locations.

As discussed in Section 1.3.2, the Performance Standards for backwaters apply to the top one foot in Core Area 1 and to surface and subsurface sediments in other areas. At the core locations that are in backwaters (or portions of backwaters) located within Core Area 1 (94 of 1,270 locations), sediment cores will be collected in a single interval to a depth of one foot for PCB analysis. At the remaining 1,176 locations located outside Core Area 1 priority habitat, sediment cores will be collected to a total depth of five feet, and each core will be segmented into a 0- to 1-foot interval and six-inch intervals between one and five feet (10,584 samples). Samples within the top three feet of each such core will be analyzed initially for PCBs (5,880 samples), and samples collected from lower depths will be held for potential future analysis if the depth of PCB contamination in a core is found to be greater than three feet. Appendix C provides a full tabular summary of all proposed backwater

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<sup>10</sup> As described in Section 2.1, sediment data collected historically from the main channel of Reach 5C indicate that PCB concentrations are generally highest in the top 18 inches of sediment but decrease considerably at depth intervals below 30 inches. Accordingly, a depth of 36 inches (three feet) was selected for PDI sediment sampling in this reach.

<sup>11</sup> These 28 backwaters are those backwater areas identified in GE's February 2025 Reaches 5B/5C BRA Report, conditionally approved by EPA in September 2025.

samples, including sample grid and location IDs, location coordinates, target sample depths, and the number of samples to be submitted for analysis and the number to be placed on hold.

The Revised Final Permit requires that GE provide proposed averaging areas and depth intervals for evaluation of achievement of the backwater Performance Standards for surface and subsurface sediments (i.e., removal and capping to achieve a spatially weighted average total PCB concentration of 1 mg/kg). GE proposes that averaging areas for backwaters in Reaches 5B and 5C be at the scale of an individual backwater, consistent with the approach used for Reach 5A. Backwater averaging areas may be combined in the Conceptual RD/RA Work Plan(s) for these reaches if the data collected during this PDI indicate that it would be appropriate to do so. With respect to depth intervals, surface sediments (0- to 1-foot depth) will be evaluated as a single depth interval in each averaging area (or relevant portion of such averaging area). Subsurface sediments deeper than one foot will also be evaluated as a single depth interval from 1 to X feet in each averaging area, where X is the depth to which the majority of PCB sample results in a given averaging area exceed 1 mg/kg, up to a maximum depth of five feet, subject to approval by EPA.

#### **4.1.3 Sediment Sample Collection and Analysis**

Sediment sample collection and processing will be performed following the methodology described in Appendix C of GE's most recent (2023) *Field Sampling Plan/Quality Assurance Project Plan* (Revised FSP/QAPP; Arcadis 2023). The sampling crew will locate proposed sediment sampling locations using a differential global positioning system (DGPS). It may be necessary to make small adjustments to some of the target sampling locations based on conditions encountered in the field. In the event that any more significant adjustments to target sampling locations are necessary, they will be discussed with and approved by the EPA field representative. Coordinates of the actual sampling locations will be recorded using DGPS. All sediment samples submitted to the laboratory for analysis will be analyzed for PCBs as Aroclors using EPA Method 8082. In addition, all samples collected from the backwaters and main channel in Reach 5C will be analyzed for TOC by the Lloyd Kahn Method; however, only a subset (10%) of sediment samples collected from the Reach 5B main channel will be analyzed for TOC.<sup>12</sup> Finally, a subset (10%) of the riverbank soil and main channel and backwater sediment samples will be analyzed for geotechnical parameters including moisture content (ASTM D2216/D2974A), particle size analysis (ASTM D6913/D7928), bulk density analysis (ASTM D7263), and Atterberg limits for fine-grained materials (ASTM D4318).<sup>13</sup>

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<sup>12</sup> Given that the Performance Standard for Reach 5B sediments is to remove and backfill (not cap) discrete areas containing total PCB concentrations greater or equal to 50 mg/kg, it is unnecessary to analyze the large number of sediment samples that will be collected in that reach for TOC.

<sup>13</sup> The subset of samples to be selected for geotechnical analysis will be distributed spatially but will ultimately be selected in the field to provide data for each unique geologic material type and from various sampling depths.

For the backwaters, GE is proposing to collect samples using a phased sampling approach. For the larger backwaters (i.e., greater than approximately 2.5 acres), sampling on a 50-foot grid may not be needed to adequately characterize areas of this size. Therefore, GE is proposing to conduct an initial round of sampling in the larger backwaters at a decreased density of approximately 100 feet (i.e., every other grid node at the 50-foot spacing). Subsequent to that initial round of sampling, GE will conduct an evaluation of the data to determine whether and to what extent a second round of sampling is needed at the finer 50-foot resolution (in all or a portion of those backwaters) to determine whether a particular backwater currently exceeds the backwater Performance Standard and, if so, to delineate the extent of remediation needed to achieve that standard. The results of those evaluations and a proposal for any second phase of sampling will be provided to EPA for review and approval. The larger backwaters where this phased sampling approach would be applied are BW5B-1 and BW5B-6 in Reach 5B and BW5C-13, BW5C-17, BW5C-18, BW5C-20, and BW5C-21 in Reach 5C. All other backwaters would be sampled on the 50-foot grid during the initial round of sampling.

## 4.2 Riverbank Soil PCB Characterization

Riverbank soil samples will be collected in Reach 5B for PCB analysis to characterize the extent of riverbank soils having PCB concentrations greater than 50 mg/kg in the top one foot of soil (DQO 1).<sup>14</sup> As described in Section 1.3.3, the Revised Final Permit requires collection of surficial (0- to 12-inch) riverbank soil samples at the toe, midpoint, and top-of-bank along transects spaced no more than 25 feet apart. The top-of-bank sample will be placed no higher than the 1 mg/kg PCB isopleth in areas where the physical top-of-bank is determined to be higher than that isopleth. Riverbank topography data collected during a prior LiDAR survey of the Reach 5B riverbanks (conducted as part of the Reach 5A PDI; see Section 2.5), supplemented by the recent topobathymetric survey completed in December 2025 (described in Section 4.4.1 of this work plan), will be used to identify specific target locations for discrete sampling locations along each transect. Prior to sampling, GE will submit figures and tables showing proposed target riverbank sampling locations at the toe, midpoint, and top-of-bank to EPA for review and approval. Figures 4-1a through 4-1g show the conceptual layout of proposed riverbank transect locations in Reach 5B.<sup>15</sup> The 25-foot spacing results in a total of 1,179 transects (considering both riverbanks) and 3,537 discrete riverbank soil sampling locations.

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<sup>14</sup> As described in Section 1.3.3, the Revised Final Permit has no Performance Standards for remediation of riverbank soils in Reach 5C; therefore, no sampling of Reach 5C riverbank soils will be conducted in this PDI.

<sup>15</sup> Because coordinates of the riverbank sampling locations are not yet known, the locations shown on Figures 4-1a through 4-1g are approximate. For that reason, a tabular summary of the Reach 5B riverbank sampling locations has not been provided as an appendix to this work plan.

The standard operating procedure (SOP) for soil sample collection is provided in Appendix D to the 2023 FSP/QAPP. In accordance with that SOP, a surficial (0- to 12-inch) riverbank soil PCB sample will be obtained at each location using either a hand auger or macrocore sampler (or equivalent). The sample will be obtained by advancing the selected sampling device at an angle approximately perpendicular to the slope of the riverbank at each sampling location. The sampling crew will locate proposed riverbank soil sampling locations using a DGPS. It may be necessary to make small adjustments to some of the target sampling locations based on conditions encountered in the field. In the event that any more significant adjustments to target sampling locations are necessary, they will be discussed with and approved by the EPA field representative. Coordinates of the actual sampling locations will be recorded using DGPS. All riverbank soil samples collected will be analyzed for PCBs as Aroclors using EPA Method 8082.

## 4.3 Floodplain Soil PCB Characterization

Floodplain soil samples will be collected in Reaches 5B and 5C for PCB analysis to characterize floodplain soil PCB concentrations in non-residential EAs and vernal pools (DQOs 8 through 11) and residential floodplain properties (DQOs 12 and 13). Floodplain soil data will also be collected to characterize PCB concentrations in residential and non-residential floodplain soils to be removed to support assessment of on-site versus off-site disposal requirements (DQO 15).

### 4.3.1 Non-Residential Floodplain Exposure Areas and Vernal Pools

EPA's *Human Health Risk Assessment* (HHRA; EPA 2005) divided the ROR floodplain into 90 EAs for the assessment of direct human contact with floodplain soils. Although those EAs were initially defined by EPA starting with property boundaries, the EAs covered by this Reaches 5B/5C PDI Work Plan are limited to the portions of the floodplain between the edge of the Housatonic River and the ROR floodplain boundary.<sup>16</sup> Specific non-residential exposure scenarios and receptors were then assigned to each such EA. Several of those EAs contain overlying direct-contact subareas, which are typically characterized by a different and/or more frequent exposure scenario.<sup>17</sup> In addition, in the *Housatonic River – Rest of River, Revised Corrective Measures Study Report* (RCMS; Arcadis et al. 2010), GE identified "heavily used subareas" within EAs. These heavily used subareas are referred to as "Frequently Used Subareas" in the Revised Final Permit and in this work plan.

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<sup>16</sup> As described in Section 4.3.5 of the HHRA (EPA 2005), EAs were defined by EPA starting with individual tax parcels. The parcels were kept intact, subdivided, or combined with adjacent parcels based on similarity of land use, similarity of ownership, and/or number of available soil samples. In many cases, parcel boundaries extend beyond the lateral boundaries of the ROR (defined in the CD as the 1 mg/kg PCB isopleth in Reaches 5 and 6, which is approximated by the 10-year floodplain); however, the EAs evaluated for potential soil remediation will be limited to the portion of the floodplain between the edge of the Housatonic River and the ROR floodplain boundary.

<sup>17</sup> Specifically, as described in the HHRA, several EAs were divided into subareas based on the observation that distinct activities could occur at different locations within the EA. In these cases, a risk assessment was conducted for the activity in the subarea in addition to the activity in the EA as a whole.

Of the 90 EAs identified in the HHRA, 23 are located wholly or partially within Reaches 5B and 5C (EAs 35 through 55 and EAs 65 and 66), as shown on Figures 4-5 and 4-6.<sup>18</sup> Eleven of the 23 EAs in these reaches contain one to two subareas based on distinct exposure scenarios (EAs 35, 36, 37, 38, 40, 41, 42, 43, 50, 51, and 55). In addition, seven of the EAs in these reaches contain Frequently Used Subareas (EAs 37, 39, 40, 47, 52, 53, and 66).

This section describes the proposed sampling of these floodplain EAs and subareas for PCBs. GE's *Second Revised Pre-Design Investigation Work Plan for Reach 5A Non-Residential Floodplain Exposure Areas* (Reach 5A Floodplain PDI Work Plan; Anchor QEA 2021) provided a detailed description (including a separate attachment) of the methods that will be used for calculation of floodplain removal areas and volumes based on the PCB data. Those methods are again described in Appendix A hereto and will be applied to the Reaches 5B/5C floodplain.

Field surveys conducted to characterize the existing habitats in the Reaches 5B/5C floodplain are summarized in GE's *Baseline Restoration Assessment Report for Housatonic River Reaches 5B and 5C* (Reaches 5B/5C BRA Report; AECOM 2025), which was conditionally approved by EPA on September 23, 2025, and will be revised and updated in January 2026. For the present work plan, the "super habitats" (i.e., grouped habitats having similar characteristics) originally developed from the Woodlot habitat survey (Woodlot 2002) were updated based on the updated habitats identified in the Reaches 5B/5C BRA Report, including the vernal pools identified in these reaches. This update also included updating the accessibility categories for the floodplain in Reaches 5B and 5C (i.e., walkable, wadable, difficult, and boatable) to meet DQO 7. The updated super habitats, vernal pool areas, and accessibility categories are summarized on Figures 4-7 and 4-8 and have also been included on the various figures presented in the remainder of this section.

In accordance with this Reaches 5B/5C PDI Work Plan, survey activities will be conducted to delineate the extent of the Frequently Used Subareas within Reaches 5B and 5C because these areas were defined at a relatively coarse spatial resolution in the RCMS. For example, in the RCMS, all trails/paths were defined as approximately 10-foot-wide corridors, while aerial photographs were used to define all other types of these areas. For each of the Frequently Used Subareas in Reaches 5B/5C, the actual extent of the area that appears to be frequently used will be identified by visual observations (e.g., hiking/biking trails can be defined by disturbed or absent vegetation) and will be surveyed using traditional survey equipment or DGPS.

Section 4.3.1 describes the approach used to identify proposed soil PCB sampling locations in the non-residential EAs, and Section 4.3.2 provides a detailed description of the soil PCB sampling needs

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<sup>18</sup> EAs 56 and 57 are located partially within Reach 5C and partially within Reach 6 but have already been characterized fully as part of the Reach 6 PDI. They are not included in the EA count for Reaches 5B/5C as they will not be addressed again as part of this PDI.

in each of the 23 EAs located within Reaches 5B and 5C. These sampling activities will meet DQOs 8 through 11. All samples designated for PCB analysis will be analyzed for PCBs as Aroclors using EPA Method 8082, and soil samples collected in vernal pools will also be analyzed for TOC using the Lloyd Kahn Method.

#### **4.3.1.1 Approach to Identifying Proposed Sampling Locations**

##### ***4.3.1.1.1 Exposure Areas and Frequently Used Subareas***

Section 3.2.1 of the Reach 5A Floodplain PDI Work Plan (Anchor QEA 2021) described the approach used to identify proposed floodplain soil PCB sampling locations in that reach. Those same methods have been applied to the floodplain EAs located in Reaches 5B and 5C. In summary, sampling locations have been generally determined using a grid-based sampling approach, and grid spacing was informed by the results of an evaluation of spatial correlation in the existing floodplain soil PCB data set. Sample locations are generally spaced 100 feet apart in floodplain areas that are within 200 feet of the river. In areas where the floodplain is wider, sample spacing increases to 300 feet. In addition, GE has increased the sampling density in low-elevation areas farther from the river to a spacing of roughly 100 feet (for consistency with the sampling approach used in Reach 5A). Consistent with the floodplain sampling approach used in Reach 5A, the 100-foot/300-foot sample spacing described above has been modified so that sampling locations provide adequate spatial coverage in each unique super habitat area and avoid being projected (i.e., interpolated) across non-contiguous super habitats or across the river. Therefore, a minimum of two sample locations have been placed in each unique super habitat area, even if it required locating samples closer together than 100 or 300 feet (depending on distance from the river). Also, sample locations within Frequently Used Subareas have been spaced approximately 100 feet apart regardless of distance from the river.

Depth of sampling and the vertical segmentation of floodplain soil samples to be collected in the Reaches 5B/5C EAs will be consistent with those in Reach 5A. In summary, soil sampling is required to a total depth of one foot within the EAs and three feet within the Frequently Used Subareas. There are many areas of the floodplain where samples have been collected previously only from the 0- to 6-inch interval. New PDI samples representing the top foot of soil will be segmented into 0- to 6-inch and 6- to 12-inch intervals. At selected locations where data from the 0- to 6-inch interval already exist, only the 6- to 12-inch interval will be submitted for PCB analysis; the new 0- to 6-inch interval will be discarded. At proposed locations within the Frequently Used Subareas where sampling is required to a depth of three feet, samples will be collected in 0- to 6-inch, 6- to 12-inch, 12- to 24-inch, and 24- to 36-inch intervals. Appendix D provides a complete tabular summary of the proposed floodplain soil sampling, including the sample segmentation and archiving for each tax parcel (this appendix also lists the townships associated with each tax parcel).

#### 4.3.1.1.2 *Vernal Pools*

Vernal pools identified in Reaches 5B/5C will also be sampled to ensure that PCB concentrations in the pools are adequately characterized to determine exposure to amphibians. There are 40 pools in Reaches 5B and 5C that have been determined to meet the criteria of the Massachusetts Natural Heritage and Endangered Species Program for certification as vernal pools (29 in Reach 5B and 11 in Reach 5C). Some PCB data have previously been collected from the top six inches, the 6- to 12-inch depth interval, or the top foot in these pools. Table 4-2 provides a summary of existing information for these 40 vernal pools, including pool areas, the number of existing samples by depth interval (0 to 6 inches, 6 to 12 inches, and 0 to 1 foot), and soil PCB concentration statistics based on existing data for each pool and depth interval.<sup>19</sup>

As indicated in Table 4-2, existing PCB data from or covering the 6- to 12-inch depth interval in these vernal pools are sparse. In this situation, to further characterize soil PCB concentrations in the vernal pools, sampling locations in all vernal pools have been determined using a grid-based sampling approach. The base sampling density applied to all pools is a 50-foot grid, with two exceptions:

- For small pools less than approximately 0.1 acre in size (of which there are 18 in Reaches 5B/5C), the 50-foot grid is too coarse and would often result in only one sample per pool. For these small pools, GE is proposing a phased sampling approach. A first phase of sampling will be conducted at three locations per pool. If PCB results from the first phase of sampling in a given pool are in the range where additional characterization is needed to determine whether the spatial average concentration in the pool is above or below the vernal pool Performance Standard of 3.3 mg/kg (i.e., if concentrations average between 1 to 10 mg/kg), GE will conduct a second round of sampling in that pool. That will not be necessary if the initial results indicate that the average PCB concentration either exceeds 10 mg/kg or is less than 1 mg/kg. In such pools, additional sampling would not be expected to change the conclusion that the pool average is either above or below 3.3 mg/kg.
- There are two large pools (5B-VP-13 and 5C-VP-4) that are larger than two acres. Sampling on a 50-foot grid is not needed to adequately characterize a pool of this size; therefore, the sampling density has been decreased to an approximate 100-foot spacing.

Similar to the sampling to be conducted in areas outside of the vernal pools, at vernal pool locations where a 0- to 6-inch sample already exists, only the 6- to 12-inch depth interval will be submitted for PCB analysis, and the new 0- to 6-inch interval will be discarded. As discussed further in Appendix A, for the purposes of applying the specific 3.3 mg/kg Performance Standard for vernal pools, only data collected within a vernal pool boundary will be used to generate the spatially weighted average

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<sup>19</sup> As discussed further below, Table 4-2 also includes the number of proposed new samples in each depth increment and the total number of samples and sample locations per pool considering both new and existing samples.

concentration within that vernal pool, and the spatially weighted average concentrations will be generated without application of accessibility factors.

Table 4-2 shows, for each of the 40 vernal pools, the number of proposed new samples in each of the 0- to 6-inch and 6- to 12-inch depth intervals and the total number of samples per depth interval and per pool considering both new and existing samples. Appendix E provides a complete tabular summary of the proposed vernal pool sampling, including EA, pool, grid, parcel IDs, township, location coordinates, and sample depth intervals.

#### **4.3.1.2 Proposed Sampling Locations**

This section provides a detailed description of PDI sampling needs in each of the 23 non-residential EAs in Reaches 5B and 5C, including vernal pools. Each subsection includes a summary of the EA, including a count and list of properties (i.e., tax parcels) or portions of properties within the EA, the applicable exposure scenario(s) for that EA (including any subarea[s] and/or Frequently Used Subareas) as specified in Tables 1 and 2 of the Revised Final Permit,<sup>20</sup> and a summary of the existing soil PCB data coverage. Following this background information, the proposed PDI sample locations are specified in each EA.

Figures have been prepared that show the following for each EA in Reaches 5B and 5C (Figures 4-9 through 4-24):

- EA and subarea boundaries;
- Revised super habitats and accessibility categories defined based on the recent habitat surveys summarized in the Reaches 5B/5C BRA Report;
- Frequently Used Subareas as defined in the RCMS (where present);
- Core Area 1 habitat, if any;
- Existing floodplain soil PCB samples;
- An approximate 50-foot grid and a line showing a distance of approximately 200 feet from the river shoreline (to provide a visual scale for the targeted inter-sample spacing, not to specifically determine sample locations); and
- Proposed PDI soil sample locations in the EAs.

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<sup>20</sup> It should be noted that a number of the EAs in Reach 5C (specifically EAs 45, 46, 48, 49, and 54) were evaluated in the HHRA and RCMS using the waterfowl hunting exposure scenario (in addition to another scenario), but that exposure scenario was removed from those EAs in the Revised Final Permit.

An additional set of figures is provided that focuses on the vernal pools within each EA (Figures 4-25 through 4-55). These figures provide higher resolution of the proposed sampling locations in these areas and include the approximate 50-foot grid used to select the proposed sampling locations.<sup>21</sup>

#### *4.3.1.2.1 Exposure Areas Located in Reach 5B*

##### **Exposure Area 35**

EA 35 occupies approximately 25.4 acres and is located west of the river in the Town of Lenox (Figure 4-9). EA 35 contains portions of Tax Parcels 34-3 and 34-3-1, which are privately owned. It is bounded by the Pittsfield WWTP to the north, a state-owned property to the south, and railroad tracks to the west. There are a number of trails in this area, including two maintained utility easements. Approximately half of EA 35 is characterized as walkable. The remaining area is wadable and/or difficult to access, with very little being boatable. In the HHRA, a subarea was identified on EA 35 where activities are more intensive. This subarea consists of the maintained utility easements on EA 35 and was designated as Subarea 35a. EA 35 has been classified by EPA as falling in the high-use general recreation exposure scenario for older child and adult receptors.<sup>22</sup> There are three vernal pools entirely within this EA (5B-VP-5, 5B-VP-6, and 5B-VP-10), and one vernal pool partially within this EA (5B-VP-11), as well as 0.36 acres of Core Area 1 habitat. There are no Frequently Used Subareas in this EA.

Previous soil PCB sampling in EA 35 resulted in the analysis of 30 samples from the 0- to 6-inch depth interval and six samples from the 6- to 12-inch depth interval. GE proposes to collect samples from the top foot of soil at 110 locations within this EA, including 97 samples from the 0- to 6-inch interval and 110 samples from the 6- to 12-inch interval. The locations of those proposed samples are shown on Figure 4-9. Of the 110 proposed sampling locations within this EA, 19 are located in vernal pools (Figures 4-26 and 4-27).

##### **Exposure Area 36**

EA 36 occupies approximately 18.2 acres and is located east of the river in the Town of Lenox (Figure 4-10). EA 36 consists of Lenox Tax Parcel 34-1, which is owned by Electric Power Research Institute. It is bounded by a privately owned property to the north and a state-owned property to the south. Tax Parcel 34-1 contains equipment such as high-voltage overhead wires and large electrical transformers. Two maintained utility easements run across the area, and the majority of the EA is characterized as walkable with a smaller portion being wadable, difficult-to-access, and/or boatable.

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<sup>21</sup> The grid IDs shown on these vernal pool figures (rather than the grid IDs shown on the figures for the larger EAs) were used to designate vernal pools sampling locations in Appendix E, which, as noted in Section 4.3.1.1.2, provides a full tabular summary of all proposed samples.

<sup>22</sup> This and the other exposure scenario classifications noted in this work plan for the EAs discussed are taken from Table 1 (and, for Frequently Used Subareas, Table 2) of the Revised Final Permit.

This EA was divided into two subareas (36a and 36b). These subareas have been classified by EPA as in the low-use commercial and agricultural-use exposure scenarios for adult receptors. There are three vernal pools entirely within this EA (5B-VP-1, 5B-VP-7, and 5B-VP-8) and one vernal pool partially within this EA (5B-VP-13), as well as 1.44 acres of Core Area 1 habitat. There are no Frequently Used Subareas in this EA.

Previous soil PCB sampling in EA 36 resulted in the analysis of 40 samples from the 0- to 6-inch depth interval and 18 samples from the 6- to 12-inch depth interval. GE proposes to collect samples from the top foot of soil at 111 locations within this EA, including 99 samples from the 0- to 6-inch interval and 111 samples from the 6- to 12-inch interval. The locations of those proposed samples are shown on Figure 4-10. Of the 111 proposed sampling locations within this EA, 13 are located in vernal pools (Figures 4-29 and 4-30).

### **Exposure Area 37**

EA 37 occupies approximately 20.2 acres and is located west of the river in the Town of Lenox (Figure 4-11). EA 37 consists of a portion of Lenox Tax Parcel 29-3, which is owned by the Massachusetts Division of Fisheries and Wildlife (MassDFW) and is located along New Lenox Road. It is bounded by a privately owned property to the north, a state-owned property to the south across New Lenox Road, and railroad tracks to the west. A maintained utility easement runs across this area, and EA 37 can be accessed via the utility easement at the southern portion of the area along New Lenox Road. Approximately half of EA 37 is characterized as walkable, with the rest being wadable/difficult-to-access, and a smaller portion being characterized as boatable. EA 37 has been classified by EPA as in the high-use general recreation exposure scenario for older child and adult receptors). Two subareas were identified in EA 37 where activities are more intensive. These subareas consist of the area used by anglers to fish from the riverbank (Subarea 37a, classified in the bank fishing scenario) and the easement used by hikers, bird watchers, and hunters (Subarea 37b, classified in the high-use general recreation scenario). The Revised Final Permit identifies a Frequently Used Subarea within Subarea 37b. There are six vernal pools entirely within this EA (5B-VP-12, 5B-VP-15, 5B-VP-17, 5B-VP-18, 5B-VP-19 and 5B-VP-22) one vernal pool partially within this EA (5B-VP-11), as well as approximately 13.7 acres of Core Area 1 habitat.

Previous soil PCB sampling in EA 37 resulted in the analysis of 97 samples from the 0- to 6-inch depth interval and seven samples from the 6- to 12-inch depth interval. Outside Frequently Used Subarea 37b, GE proposes to collect samples from the top foot of soil at 159 locations within this EA, including 126 samples from the 0- to 6-inch interval and 159 samples from the 6- to 12-inch interval. GE also proposes to collect samples to a depth of three feet at 10 locations within the Frequently Used Subarea; samples at these locations will be collected in 0- to 6-inch, 6- to 12-inch, 12- to 24-inch, and 24- to 36-inch intervals (total of 40 samples). The locations of all proposed samples are

shown on Figure 4-11. Of the 169 proposed sampling locations within this EA, 34 are located in vernal pools (Figures 4-32 and 4-33).

### **Exposure Area 38**

EA 38 occupies approximately 13 acres and is located east of the river in the Town of Lenox (Figure 4-12). EA 38 consists of a portion of Lenox Tax Parcel 29-9, which is owned by MassDFW. It is bounded by an industrial property to the north and a residential property to the south.

Approximately half of EA 38 is characterized as walkable with the remaining area being wadable/difficult-to-access. EA 38 has been classified by EPA as in the high-use general recreation exposure scenario for adult receptors. A subarea was identified in EA 38 for anglers to fish from the riverbank (Subarea 38a, classified in the bank fishing scenario). There are two vernal pools located entirely within this EA (5B-VP-18A and 5B-VP-18B) and one vernal pool located partially within this EA (5B-VP-13).<sup>23</sup> EA 38 also includes 4.9 acres of Core Area 1 habitat.

Previous soil PCB sampling in EA 38 resulted in the analysis of 32 samples from the 0- to 6-inch depth interval and seven samples from the 6- to 12-inch depth interval. GE proposes to collect samples from the top foot of soil at 100 locations within this EA, including 86 samples from the 0- to 6-inch interval and 100 samples from the 6- to 12-inch interval. The locations of those proposed samples are shown on Figure 4-12. Of the 100 proposed sampling locations within this EA, 14 are located in vernal pools (Figure 4-35).

### **Exposure Areas 39**

EA 39 occupies approximately 3.5 acres and is located on the west side of the river in the Town of Lenox (Figure 4-13). EA 39 consists of a portion of Lenox Tax Parcel 29-2, which is owned by the MassDFW and includes the John Decker Canoe Launch. EA 39 can be accessed via a dirt road turnoff from New Lenox Road. At the end of the dirt road, there is a parking lot that provides space for multiple vehicles. Approximately half of EA 39 is walkable, and the other half falls into the wadable and/or difficult-to-access accessibility classes. EA 39 has been classified by EPA as in the marathon canoeist exposure scenario for adult receptors and the recreational canoeist EA for older child and adult receptors. The Revised Final Permit identifies a Frequently Used Subarea within EA 39. EA 39 also includes three vernal pools (5B-VP-25, 5B-VP-26, and 5B-VP-27) and no Core Area 1 habitat.

Previous soil PCB sampling in EA 39 resulted in the analysis of 54 samples from the 0- to 6-inch depth interval and 25 samples from the 6- to 12-inch depth interval. Outside the Frequently Used Subarea, GE proposes to collect samples from the top foot of soil at 27 locations within this EA, including 25 samples from the 0- to 6-inch interval and 27 samples from the 6- to 12-inch interval.

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<sup>23</sup> There is one additional vernal pool (5B-VP-24) located immediately south of EA 38 that does not overlap with EA 38 or any other EA. This vernal pool was characterized previously as part of the Actual/Potential Lawn program; therefore, no additional sampling is proposed for this vernal pool.

GE also proposes to collect samples to a depth of three feet at two locations within the Frequently Used Subarea; samples at these locations will be collected in 0- to 6-inch, 6- to 12-inch, 12- to 24-inch, and 24- to 36-inch intervals (total of eight samples). The locations of those proposed samples are shown on Figure 4-13. Of the 29 proposed sampling locations within this EA, 14 are located in vernal pools (Figures 4-39 and 4-40).

#### **Exposure Area 40**

EA 40 occupies approximately 98 acres and is located on the west side of the river in the Town of Lenox (Figures 4-13 and 4-14). It is located partially within Reach 5B and partially within Reach 5C. EA 40 consists of another portion of Lenox Tax Parcel 29-2, owned by MassDFW. Approximately half of EA 40 is characterized as walkable, while the remaining area is wadable, difficult-to-access, and/or boatable. EA 40 has been classified by EPA as in the high-use general recreation exposure scenario for older child and adult receptors. Two subareas were identified in EA 40 where activities are more intensive. Subarea 40a is the area along the riverbank where angling occurs (classified in the bank fishing scenario), and Subarea 40b consists of a readily accessible, frequently used trail area (classified in the high-use general recreational scenario). The Revised Final Permit identifies a Frequently Used Subarea within EA 40. There are eight vernal pools within this EA (5B-VP-32, 5B-VP-33A, 5B-VP-35, 5B-VP-47, 5C-VP-2, 5C-VP-3, 5C-VP-4, and 5C-VP-5) and 22.1 acres of Core Area 1 habitat.

Previous soil PCB sampling in EA 40 resulted in the analysis of 269 samples from the 0- to 6-inch depth interval and 69 samples from the 6- to 12-inch depth interval. Outside the Frequently Used Subarea, GE proposes to collect samples from the top foot of soil at 397 locations within this EA, including 340 samples from the 0- to 6-inch interval and 397 samples from the 6- to 12-inch interval. GE also proposes to collect samples to a depth of three feet at 44 locations within the Frequently Used Subarea; samples at these locations will be collected in 0- to 6-inch, 6- to 12-inch, 12- to 24-inch, and 24- to 36-inch intervals (total of 176 samples). The locations of those proposed samples are shown on Figures 4-13 and 4-14. Of the 441 proposed sampling locations within this EA, 69 are located in vernal pools (Figures 4-37, 4-38, 4-42, and 4-43).

#### **Exposure Area 41**

EA 41 occupies approximately 20.5 acres and is located on the east side of the river in the Town of Lenox (Figure 4-15). EA 41 consists of a portion of Lenox Tax Parcel 29-1, which is owned by GE. It is bounded by a residential property across New Lenox Road to the north, a state-owned property to the south, and a number of residences to the east. The majority of EA 41 is characterized as walkable with small portions identified as wadable and/or difficult-to-access. EA 41 has been classified by EPA as in the medium-use general recreation exposure scenario for adult receptors. Additionally, this EA contains Subarea 41a, which includes the area along the riverbank and is considered to be in the bank fishing scenario for older child and adult receptors. There are four vernal pools (5B-VP-28,

5B-VP-29, 5B-VP-30, and 5B-VP-38) within this EA, 0.65 acres of Core Area 1 habitat, and no Frequently Used Subareas.

Previous soil PCB sampling in EA 41 resulted in the analysis of 31 samples from the 0- to 6-inch depth interval and 13 samples from the 6- to 12-inch depth interval. GE proposes to collect samples from the top foot of soil at 156 locations within this EA, including 149 samples from the 0- to 6-inch interval and 156 samples from the 6- to 12-inch interval. The locations of those proposed samples are shown on Figure 4-15. Of the 156 proposed sampling locations within this EA, 12 are located in vernal pools (Figure 4-45 and 4-46).

#### **Exposure Area 42**

EA 42 occupies approximately 13.5 acres and is located on the east side of the river in the Town of Lenox (Figure 4-15). EA 42 consists of a portion of Lenox Tax Parcel 24-7, which is owned by MassDFW. It is bounded by a property owned by GE to the north and a residential property to the south. Roaring Brook runs across this property. A trail from Roaring Brook Road provides access to the area. The majority of EA 42 is characterized as wadable/difficult-to-access, although a small portion is considered walkable and an even smaller portion is considered boatable. EA 42 has been classified by EPA as in the medium-use general recreational exposure scenario for adult receptors. Additionally, this EA contains Subarea 42a, which includes the area along the riverbank and is considered to be in the bank fishing scenario for older child and adult receptors. There is one vernal pool (5B-VP-46) within this EA and no Core Area 1 habitat or Frequently Used Subareas.

Previous soil PCB sampling in EA 42 resulted in the analysis of 13 samples from the 0- to 6-inch depth interval and one sample from the 6- to 12-inch depth interval. GE proposes to collect samples from the top foot of soil at 71 locations within this EA, including 64 samples from the 0- to 6-inch interval and 71 samples from the 6- to 12-inch interval. The locations of those proposed samples are shown on Figure 4-15. Of the 71 proposed sampling locations within this EA, three are located within the vernal pool (Figure 4-47).

#### **Exposure Area 43**

EA 43 occupies approximately 1.5 acres and is located on the east side of the river in the Town of Lenox (Figure 4-16). It is located partially within Reach 5B and partially within Reach 5C. EA 43 consists of small portions of Lenox Tax Parcels 24-6 and 24-5, which are privately owned residential parcels (with homes) along Roaring Brook Road.<sup>24</sup> EA 43 is bounded by a state-owned property to the north and residential properties to the south. The majority of EA 43 is characterized as wadable, difficult-to-access, and/or boatable. A very small portion is considered walkable. EA 43 has been classified by EPA as in the medium-use general recreational exposure scenario for adult receptors

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<sup>24</sup> Although Parcel 24-6 is located mainly in Reach 5B, that parcel was listed in Table 5 of the Revised Final Permit as being in Reach 5C.

(even though it is part of residential properties). Additionally, this EA contains Subarea 43a, which includes the area along the riverbank and is considered to be in the bank fishing scenario for older child and adult receptors. There are no vernal pools, Core Area 1 habitat, or Frequently Used Subareas within this EA.

Previous soil PCB sampling in EA 43 resulted in the analysis of nine samples from the 0- to 6-inch depth interval and eight samples from the 6- to 12-inch depth interval. Because this EA overlaps with residential properties, the samples that GE proposes to collect from this EA are residential floodplain samples that are summarized and discussed in Section 4.3.2.2.

### **Exposure Area 65**

EA 65 consists of a maintained utility easement (approximately 4.3 acres) located in Lenox on Lenox Tax Parcels K1-1-109, K1-1-1, 34-1, 34-3, and 29-3 (Figure 4-10). This EA partially overlaps with several other EAs, including EA 34 located in Reach 5A (sampled previously), and EAs 35 and 36 located in Reach 5B. EA 65 is maintained for overhead wires. This EA has been classified as in the utility worker exposure scenario for adult receptors. The majority of the EA is walkable, with smaller portions being wadable/difficult-to-access or boatable. A very small portion of one vernal pool (5B-VP-1) is located within this EA. This EA does not include any Core Area 1 habitat or Frequently Used Subareas.

Previous soil PCB sampling in EA 65 resulted in the analysis of 21 samples from the 0- to 6-inch depth interval and 11 samples from the 6- to 12-inch depth interval. GE proposes to collect samples from the top foot of soil at 11 locations within this EA, including 10 samples from the 0- to 6-inch interval and 11 samples from the 6- to 12-inch interval. The locations of those proposed samples are shown on Figure 4-10. None of the 11 proposed sampling locations within this EA are located in the vernal pool that intersects with this EA. The proposed sample counts for EA 65 were included in the sample counts presented in the above subsections for EAs 35 and 36.

### **Exposure Area 66**

EA 66 consists of a maintained utility easement (approximately 4.8 acres) located in Lenox on Lenox Tax Parcels 34-1, 34-3, and 29-3 (Figures 4-11). This EA partially overlaps with several other EAs, including EAs 35, 36, and 37. EA 66 is maintained for overhead wires. This EA has been classified by EPA as in the utility worker exposure scenario for adult receptors. Most of the EA is walkable, with a smaller portion being wadable/difficult-to-access. There is one vernal pool within this EA (5B-VP-6), 0.66 acres of Core Area 1 habitat, and a portion of one Frequently Used Subarea (described previously in EA 37).

Previous soil PCB sampling in EA 66 resulted in the analysis of 25 samples from the 0- to 6-inch depth interval and eight samples from the 6- to 12-inch depth interval. Outside the Frequently Used Subarea, GE proposes to collect samples from the top foot of soil at 35 locations within this EA,

including 31 samples from the 0- to 6-inch interval and 35 samples from the 6- to 12-inch interval. GE also proposes to collect samples to a depth of three feet at 10 locations within the Frequently Used Subarea; samples at these locations will be collected in 0- to 6-inch, 6- to 12-inch, 12- to 24-inch, and 24- to 36-inch intervals (total of 40 samples). The locations of those proposed samples are shown on Figure 4-11. Of the 35 proposed sampling locations within this EA, three are located within the vernal pool (Figure 4-27). The proposed sample counts for EA 66 were included in the sample counts presented in the above subsections for EAs 35, 36, and 37.

#### *4.3.1.2.2 Exposure Areas Located in Reach 5C*

##### **Exposure Area 44**

EA 44 occupies approximately 2.2 acres and is located on the east side of the river in the Town of Lenox (Figure 4-16). EA 44 consists of portions of Lenox Tax Parcels 24-4, 24-3, 24-2, and 24-1, which are privately owned residential parcels (with homes) along Roaring Brook Road. EA 44 is bounded by a residential property to the north and a state-owned property to the south. The majority of EA 44 is characterized as walkable, with a small portion considered as wadable and/or difficult-to-access. EA 44 has been classified by EPA as in the high-use general recreation scenario for adult receptors (even though it is part of residential properties). There are no vernal pools, Core Area 1 habitat, or Frequently Used Subareas within this EA.

Previous soil PCB sampling in EA 44 resulted in the analysis of 18 samples from the 0- to 6-inch depth interval and 13 samples from the 6- to 12-inch depth interval. Similar to EA 43, because EA 44 also overlaps with residential properties, the samples that GE proposes to collect from this EA are residential floodplain samples that are summarized and discussed in Section 4.3.2.2.

##### **Exposure Area 45**

EA 45 occupies approximately 16.7 acres and is located on the east side of the river in the Town of Lenox (Figure 4-17). EA 45 consists of the northern portion of Lenox Tax Parcel 19-3, which is owned by MassDFW. EA 45 is bounded by residential properties to the north and east and state-owned properties to the south. Access to EA 45 can be gained via a trail from East New Lenox Road, an area commonly used by walkers, runners, dog walkers, and hikers. In addition to the walkable areas, which constitute the majority of EA 45, portions are wadable, difficult-to-access, and/or boatable. EA 45 has been classified by EPA as in the high-use general recreation exposure scenario for adult receptors. There are three vernal pools within this EA (5C-VP-6, 5C-VP-7, and 5C-VP-8) but no Core Area 1 habitat or Frequently Used Subareas.

Previous soil PCB sampling in EA 45 resulted in the analysis of 40 samples from the 0- to 6-inch depth interval and 15 samples from the 6- to 12-inch depth interval. GE proposes to collect samples from the top foot of soil at 117 locations within this EA, including 108 samples from the 0- to 6-inch interval and 117 samples from the 6- to 12-inch interval. The locations of those proposed samples

are shown on Figure 4-17. Of the 117 proposed sampling locations within this EA, 32 are located in vernal pools (Figure 4-49).

#### **Exposure Area 46**

EA 46 occupies approximately 7.3 acres and is located on the east side of the river in the Town of Lenox (Figure 4-18). EA 46 consists of a different portion of Lenox Tax Parcel 19-3 (owned by MassDFW), located along October Mountain Road. EA 46 is bounded by state-owned properties to the north and south and October Mountain State Forest to the east. Access to EA 46 can be gained from East New Lenox Road and is an area commonly used by walkers, runners, dog walkers, and hikers. Approximately half of EA 46 is considered walkable, while the other half is a mix of areas considered to be wadable, difficult-to-access, and/or boatable. EA 46 has been classified by EPA as in the high-use general recreation exposure scenario for adult receptors. There is one vernal pool (5C-VP-11) within this EA and no Core Area 1 habitat or Frequently Used Subareas.

Previous soil PCB sampling in EA 46 resulted in the analysis of 40 samples from the 0- to 6-inch depth interval and 12 samples from the 6- to 12-inch depth interval. GE proposes to collect samples from the top foot of soil at 42 locations within this EA, including 30 samples from the 0- to 6-inch interval and 42 samples from the 6- to 12-inch interval. The locations of those proposed samples are shown on Figure 4-18. Of the 42 proposed sampling locations, three are located in the vernal pool (Figure 4-51).

#### **Exposure Area 47**

EA 47 occupies approximately one acre and is located on the east side of the river in the Town of Lenox (Figure 4-19). EA 47 consists of a boat launch area on Lenox Tax Parcel 19-3 (owned by MassDFW) located along East New Lenox Road. EA 47 can be accessed via a dirt road turnoff. It is bounded by state-owned property to the north and south and by October Mountain State Forest to the east. The majority of EA 47 is walkable, with a smaller portion being wadable/difficult-to-access. EA 47 has been classified by EPA as in the recreational canoeist exposure scenario for older child and adult receptors. The Revised Final Permit identifies a Frequently Used Subarea within EA 47. There are no vernal pools or Core Area 1 habitat in this EA.

Previous soil PCB sampling in EA 47 resulted in the analysis of 16 samples from the 0- to 6-inch depth interval and two samples from the 6- to 12-inch depth interval. Outside the Frequently Used Subarea, GE proposes to collect samples from the top foot of soil at five locations within this EA, including four samples from the 0- to 6-inch interval and five samples from the 6- to 12-inch interval. GE also proposes to collect samples to a depth of three feet at three locations within the Frequently Used Subarea; samples at these locations will be collected in 0- to 6-inch, 6- to 12-inch, 12- to 24-inch, and 24- to 36-inch intervals (total of 12 samples). The locations of those proposed samples are shown on Figure 4-19.

### **Exposure Area 48**

EA 48 occupies approximately 6.5 acres and is located on the east side of the river in the Town of Lenox (Figure 4-19). EA 48 consists of portions of Lenox Tax Parcels 19-3 and 19-2 (owned by MassDFW) located along October Mountain Road. It is bounded by a canoe/boat launch to the north, state-owned property to the south, and October Mountain State Forest to the east. EA 48 can be accessed from the boat launch area and from October Mountain Road and is an area commonly used by walkers, runners, dog walkers, and hikers. Approximately half of EA 48 is characterized as walkable, while the other half is characterized as wadable, difficult-to-access, or boatable. EA 48 has been classified by EPA as in the high-use general recreation exposure scenario for adult receptors. There are no vernal pools, Core Area 1 habitat, or Frequently Used Subareas within this EA.

Previous soil PCB sampling in EA 48 resulted in the analysis of 20 samples from the 0- to 6-inch depth interval and eight samples from the 6- to 12-inch depth interval. GE proposes to collect samples from the top foot of soil at 37 locations within this EA, including 32 samples from the 0- to 6-inch interval and 37 samples from the 6- to 12-inch interval. The locations of those proposed samples are shown on Figure 4-19.

### **Exposure Area 49**

EA 49 occupies approximately 7.7 acres and is located on the west side of the river in the Town of Lenox (Figure 4-20). EA 49 consists of another portion of Lenox Tax Parcel 29-2, which is owned by MassDFW (as discussed previously). It is bounded by state-owned properties to the north and south and by railroad tracks to the west. Access can be gained from the railroad tracks. The majority of EA 49 is classified as wadable, difficult-to-access, and boatable, with a smaller fraction being classified as walkable. EA 49 has been classified by EPA as in the low-use general recreation exposure scenario for adult receptors. There are approximately 2.2 acres of Core Area 1 habitat within this EA and no vernal pools or Frequently Used Subareas.

Previous soil PCB sampling in EA 49 resulted in the analysis of seven samples from the 0- to 6-inch depth interval and two samples from the 6- to 12-inch depth interval. GE proposes to collect samples from the top foot of soil at 49 locations within this EA, including 46 samples from the 0- to 6-inch interval and 49 samples from the 6- to 12-inch interval. The locations of those proposed samples are shown on Figure 4-20.

### **Exposure Area 50**

EA 50 occupies approximately 69.3 acres and is located on the west side of the river in the Town of Lenox (Figure 4-21). EA 50 consists of a portion of Lenox Tax Parcel 19-1, which is owned by MassDFW. It is bounded by state-owned land to the north and south and by railroad tracks to the west. Access can be gained from the railroad tracks. Approximately half of EA 50 is classified as walkable, with the remainder being wadable, difficult-to-access, and/or boatable. EA 50 has been

classified by EPA as in the low-use general recreation exposure scenario for adult receptors. Additionally, this EA contains Subarea 50a, which includes the wet areas along the riverbank where waterfowl hunting occurs, and is considered to be in the waterfowl hunting exposure scenario for older child and adult receptors. There are approximately 52.4 acres of Core Area 1 habitat within this EA and no vernal pools or Frequently Used Subareas.

Previous soil PCB sampling in EA 50 resulted in the analysis of 163 samples from the 0- to 6-inch depth interval and 52 samples from the 6- to 12-inch depth interval. GE proposes to collect samples from the top foot of soil at 224 locations within this EA, including 195 samples from the 0- to 6-inch interval and 224 samples from the 6- to 12-inch interval. The locations of those proposed samples are shown on Figure 4-21.

### **Exposure Area 51**

EA 51 occupies approximately 87.2 acres and is located on the west side of the river in the Town of Lenox (Figure 4-22). EA 51 consists of another portion of Lenox Tax Parcel 19-1, owned by MassDFW. It is bounded to the north by a state-owned property, to the south by a privately owned property, and to the west by railroad tracks. Access can be gained from the railroad tracks. The majority of EA 51 is classified as being wadable/difficult-to-access, with the remainder being walkable or boatable. EA 51 has been classified by EPA as in the low-use general recreation exposure scenario for adult receptors. Additionally, this EA contains Subarea 51a, which includes the wet areas along the riverbank where waterfowl hunting occurs, and is considered to be in the waterfowl hunting exposure scenario for older child and adult receptors. There are approximately 30.1 acres of Core Area 1 habitat within this EA and no vernal pools or Frequently Used Subareas.

Previous soil PCB sampling in EA 51 resulted in the analysis of 104 samples from the 0- to 6-inch depth interval and 29 samples from the 6- to 12-inch depth interval. GE proposes to collect samples from the top foot of soil at 228 locations within this EA, including 200 samples from the 0- to 6-inch interval and 228 samples from the 6- to 12-inch interval. The locations of those proposed samples are shown on Figure 4-22.

### **Exposure Area 52**

EA 52 occupies approximately 0.9 acre and is located on the east side of the river in the Town of Lee (Figure 4-23). EA 51 consists of a boat launch area located on Lee Tax Parcel 1-4, which is located along October Mountain Road and owned by MassDFW. EA 52 can be accessed via a dirt road turnoff. It is bounded by state-owned property to the north and south and by October Mountain State Forest to the east. A significant portion of the area falls into the wadable, difficult-to-access, and boatable accessibility categories. EA 52 has been classified by EPA as in the recreational canoeist exposure scenario for older child and adult receptors. The Revised Final Permit identifies a Frequently Used Subarea within EA 52. There are no vernal pools or Core Area 1 habitat in this EA.

Previous soil PCB sampling in EA 52 resulted in the analysis of 14 samples from the 0- to 6-inch depth interval and one sample from the 6- to 12-inch depth interval. Outside the Frequently Used Subarea, GE proposes to collect samples from the top foot of soil at four locations within this EA, including four samples from the 0- to 6-inch interval and four samples from the 6- to 12-inch interval. GE also proposes to collect samples to a depth of three feet at four locations within the Frequently Used Subarea; samples at these locations will be collected in 0- to 6-inch, 6- to 12-inch, 12- to 24-inch, and 24- to 36-inch intervals (total of 16 samples). The locations of those proposed samples are shown on Figure 4-23.

#### **Exposure Area 53**

EA 53 occupies approximately 0.7 acre and is located on the east side of the river in the Town of Lee (Figure 4-23). EA 53 consists of another boat launch area located on Lee Tax Parcel 1-4, which (as noted above) is owned by MassDFW and is located along October Mountain Road. EA 53 can be accessed via a dirt road turnoff. It is bounded by state-owned property to the north and south and by October Mountain State Forest to the east. A significant portion of the area falls into the wadable, difficult-to-access, and/or boatable accessibility classes, with a small portion considered walkable. EA 53 has been classified by EPA as in the recreational canoeist exposure scenario for older child and adult receptors. The Revised Final Permit identifies a Frequently Used Subarea within EA 53. There are no vernal pools or Core Area 1 habitat in this EA.

Previous soil PCB sampling in EA 53 resulted in the analysis of 12 samples from the 0- to 6-inch depth interval and no samples from the 6- to 12-inch depth interval. Outside the Frequently Used Subarea, GE proposes to collect samples from the top foot of soil at five locations within this EA, including five samples from the 0- to 6-inch interval and five samples from the 6- to 12-inch interval. GE also proposes to collect samples to a depth of three feet at four locations within the Frequently Used Subarea; samples at these locations will be collected in 0- to 6-inch, 6- to 12-inch, 12- to 24-inch, and 24- to 36-inch intervals (total of 16 samples). The locations of those proposed samples are shown on Figure 4-23.

#### **Exposure Area 54**

EA 54 occupies approximately 13.1 acres and is located on the east side of the river in the Town of Lee (Figure 4-23). EA 54 consists of another portion of Lee Tax Parcel 1-4, which (as noted above) is located along October Mountain Road in Lenox and is owned by MassDFW. It is bounded by state-owned properties to the north and south and by October Mountain State Forest to the east. As discussed above, this property also contains two boat launch areas (evaluated as EAs 52 and 53). Access to this EA can be gained from October Mountain Road, an area commonly used by walkers, runners, dog walkers, and hikers. The majority of EA 54 is classified as wadable, difficult-to-access, and boatable with a relatively small portion being classified as walkable. EA 54 has been classified by

EPA as in the high-use general recreation exposure scenario for adult receptors. There is one vernal pool within this EA (5C-VP-14A) and no Core Area 1 habitat or Frequently Used Subareas.

Previous soil PCB sampling in EA 54 resulted in the analysis of 42 samples from the 0- to 6-inch depth interval and two samples from the 6- to 12-inch depth interval. GE proposes to collect samples from the top foot of soil at 86 locations within this EA, including 72 samples from the 0- to 6-inch interval and 86 samples from the 6- to 12-inch interval. The locations of those proposed samples are shown on Figure 4-23. Of the 86 proposed sampling locations within this EA, three are located in the vernal pool (Figure 4-53).

#### **Exposure Area 55**

EA 55 occupies approximately 17.8 acres and is located on the east side of the river in the Town of Lee (Figure 4-24). EA 55 consists of a portion of Lee Tax Parcel 1-3, which is located along October Mountain Road and is owned by MassDFW. It is bounded by a state-owned property and canoe/boat launch to the north, a state-owned property to the south, and October Mountain State Forest to the east. Access can be gained from October Mountain Road, an area commonly used by walkers, runners, dog walkers, and hikers. Approximately half of EA 55 is characterized as walkable, with the remaining area considered to be wadable, difficult-to-access, and/or boatable. EA 55 has been classified by EPA as in the high-use area general recreation exposure scenario for young child and adult receptors. Additionally, this EA contains Subarea 55a, which consists of the wet areas along the riverbank where waterfowl hunting occurs, and is considered to be in the waterfowl hunting exposure scenario for older child and adult receptors. There is one vernal pool within this EA (5C-VP-16), but the EA does not contain any Core Area 1 habitat or Frequently Used Subareas.

Previous soil PCB sampling in EA 55 resulted in the analysis of 40 samples from the 0- to 6-inch depth interval and 16 samples from the 6- to 12-inch depth interval. GE proposes to collect samples from the top foot of soil at 56 locations within this EA, including 53 samples from the 0- to 6-inch interval and 56 samples from the 6- to 12-inch interval. The locations of those proposed samples are shown on Figure 4-24. Of the 56 proposed sampling locations within this EA, three are located in the vernal pool (Figure 4-55).

#### **4.3.1.3 Summary of Proposed Sampling**

The pre-design PCB soil sampling proposed herein will involve collection of soil samples from 2,051 locations within the 23 non-residential EAs in the Reaches 5B and 5C floodplain. Of these 2,051 locations, 1,984 are one-foot sampling locations and 67 are three-foot sampling locations. Table 4-1 provides a summary of the number of proposed PDI sample locations for each EA, and Table 4-2 provides a summary of the number of proposed PDI sample locations for each vernal pool. Appendices D and E provide full tabular summaries of all proposed samples, including grid IDs and depth intervals to be sampled, for non-residential floodplain and vernal pool soils, respectively.

**Table 4-1**
**Summary of Existing and Proposed PDI Sampling Locations at Non-Residential Floodplain Exposure Areas in Reaches 5B and 5C**

Reach	EA	Tax Parcel(s)	Owner	Number of Existing Samples <sup>a</sup>		Number of Proposed PDI Sampling Locations	
				0 to 6 Inches	6 to 12 Inches	1 Foot	3 Feet
5B	35	34-3	Private	30	6	110	0
		34-3-1	Private	0	0		
	36	34-1	Private	40	18	111	0
	37	29-3	MassDFW	97	7	159	10
	38	29-9	MassDFW	32	7	100	0
	39	29-2	MassDFW	54	25	27	2
	40 <sup>b</sup>	29-2	MassDFW	269	69	397	44
	41	29-1	GE	31	13	156	0
		29-1-1	Private	0	0		
	42	24-7	MassDFW	13	1	71	0
	43 <sup>b,d</sup>	24-5	Private	2	2	—	—
		24-6	Private	5	4		
		24-7	MassDFW	2	2		
	65 <sup>c</sup>	K1-1-109	GE	2	1	11	0
		K1-1-1	Private	0	0		
		34-1	Private	15	8		
		34-3	Private	4	2		
		29-3	MassDFW	0	0		
	66 <sup>c</sup>	34-1	Private	5	3	35	10
		34-3	Private	2	1		
		29-3	MassDFW	18	4		
5C	44 <sup>d</sup>	24-1	Private	0	0	—	—
		24-2	Private	3	3		
		24-3	Private	4	3		
		24-4	Private	11	7		
		24-5	Private	0	0		
	45	24-1	Private	6	2	117	0
		19-3	MassDFW	34	13		
	46	19-3	MassDFW	40	12	42	0
	47	19-3	MassDFW	16	2	5	3
	48	19-1	MassDFW	0	0	37	0
		19-2	MassDFW	6	0		
		19-3	MassDFW	14	8		
	49	19-1	MassDFW	0	0	49	0
		29-2	MassDFW	7	2		
	50	19-1	MassDFW	163	52	224	0
	51	19-1	MassDFW	104	29	228	0
	52	1-4A	MassDFW	14	1	4	4
	53	1-4A	MassDFW	12	0	5	4
	54	1-4A	MassDFW	42	2	86	0
	55	1-3	MassDFW	40	16	56	0

Notes:

- a. Existing sample counts include only samples within the 1 mg/kg PCB isopleth; samples within backwaters were excluded from this summary. Duplicate samples were included in existing sample counts.
- b. EAs 40 and 43 are partly within Reach 5B and partly within Reach 5C. Both EAs were tracked as in Reach 5B in this table.
- c. The proposed sample location counts for EAs 65 and 66 are already included in the sample location counts for EAs 35, 36, and 37, as appropriate.
- d. Proposed sampling in EAs 43 and 44 includes residential floodplain sampling only, which is presented in Table 4-3.

## 4.3.2 *Residential Properties*

### 4.3.2.1 **Approach to Identifying Proposed Sampling Locations**

As described in Section 1.3.5, the Revised Final Permit identifies six floodplain residential properties that need to be evaluated against the Residential Performance Standards. Those properties include Tax Parcels 24-1 through 24-6, all of which are located in the Town of Lenox. For each of these properties, the locations and depths of prior samples and the corresponding PCB concentrations were reviewed.

Each residential floodplain property is located along the eastern side of the Housatonic River and extends to the riverbank. To adequately characterize the vertical and horizontal extent of PCBs in the residential floodplain properties, sampling locations were generally placed along rough transects running west to east from the river channel (Figure 4-56). The transects extend laterally beyond the current estimated location of the 1 mg/kg isopleth, and target sample locations were placed approximately 50 to 100 feet apart, with consideration given to the sufficiency of existing data.

At all proposed locations, samples will be collected in one-foot intervals to a total depth of three feet. Locations that lack existing data for certain depth intervals (down to three feet) will be analyzed to fill these data gaps. At locations closer to the river, cores will be analyzed within the 0- to 1-foot and 1- to 2-foot intervals with the 2- to 3-foot interval being placed on hold, while locations further from the river will have samples in each depth interval held. The determination to release held samples for analysis will occur once sample results are received from shallower intervals and/or adjacent locations. The depth intervals to be subject to initial analysis and those to be held by the laboratory are summarized in Appendix F.

More specific rationales for selection of sampling locations at the various residential properties are provided in the following parcel-specific sections.

### 4.3.2.2 **Proposed Sampling Locations**

#### 4.3.2.2.1 *Tax Parcels 24-1 and 24-2*

Tax Parcels 24-1 and 24-2 are approximately 0.56 and 0.46 acres, respectively. These properties are owned by the same property owner and thus will be investigated and subsequently evaluated as a single residential averaging area.

Previous PCB sampling in Tax Parcel 24-1 included analysis of eight floodplain soil samples from five locations from various depth intervals (0 to 6 inches, 6 to 12 inches, 12 to 18 inches, and 24 to 30 inches). The arithmetic average PCB concentrations are 12.2 mg/kg in the top foot (with a maximum of 18.1 mg/kg) and 2.7 mg/kg in subsurface samples. Previous PCB sampling in Tax Parcel 24-2 included analysis of six floodplain soil samples from the top foot at three locations (three samples from the 0- to 6-inch depth interval and three samples from the 6- to 12-inch depth interval). The average PCB concentration in these surface soils of Tax Parcel 24-2 is 25.9 mg/kg, with a maximum of 53.3 mg/kg. Existing average PCB data are summarized further in Table 4-3.

Proposed sampling locations at Tax Parcels 24-1 and 24-2 were generated using six rough transects perpendicular to the river (three transects on Tax Parcel 24-1 and three on Tax Parcel 24-2) totaling 28 proposed sample locations. Samples to be analyzed and those to be held are summarized in Appendix F.

#### **4.3.2.2.2 *Tax Parcel 24-3***

Tax Parcel 24-3 is approximately 0.47 acre. Previous sampling has resulted in the analysis of seven floodplain soil samples from four locations at the property. PCB sampling was conducted to a maximum depth of one foot, and samples were processed in six-inch intervals. Six of the seven samples had detected PCB concentrations. The average PCB concentration in the top foot is 9.5 mg/kg, with a maximum of 19 mg/kg. Existing average PCB data are summarized further in Table 4-3.

Proposed sampling locations on this parcel were generated using three rough transects perpendicular to the river for a total of 14 proposed locations. Samples to be analyzed and those to be held are presented in detail in Appendix F.

#### **4.3.2.2.3 *Tax Parcel 24-4***

Tax Parcel 24-4 is approximately 1.13 acres. Previous PCB sampling on this property included analysis of 22 floodplain soils samples from 11 locations from various depth intervals (0 to 6 inches, 6 to 12 inches, 12 to 18 inches, and 24 to 30 inches). Twelve of the 22 samples had detected PCB concentrations. The arithmetic average PCB concentration in the top foot is 32.8 mg/kg, with a maximum of 275 mg/kg; and both subsurface samples had no detected PCBs. Existing average PCB data are summarized further in Table 4-3.

Proposed sampling locations on this parcel were generated using six rough transects perpendicular to the river for a total of 24 proposed locations. Samples to be analyzed and those to be held are presented in detail in Appendix F.

#### **4.3.2.2.4 *Tax Parcel 24-5***

Tax Parcel 24-5 is approximately 0.71 acre. Previous sampling resulted in the analysis of four floodplain soil samples from two locations at the property. PCB sampling was conducted to a maximum depth of one foot at both locations, and samples were processed in six-inch intervals. All the samples had

detected PCB concentrations. The average PCB concentration in the top foot is 69.1 mg/kg, with a maximum of 160 mg/kg. Existing average PCB data are summarized further in Table 4-3.

Proposed sampling locations on this parcel were generated using four rough transects perpendicular to the river for a total of 17 proposed locations. Samples to be analyzed and those to be held are presented in detail in Appendix F.

#### 4.3.2.2.5 Tax Parcel 24-6

Tax Parcel 24-6 is approximately 0.83 acre. Previous sampling resulted in the analysis of 12 soil samples from seven locations at the property. PCB sampling was conducted to a maximum depth of one foot, and samples were processed in six-inch intervals. Six of the 12 samples had detected PCB concentrations. The average PCB concentration in the top foot is 39.7 mg/kg, with a maximum of 162 mg/kg. Existing average PCB data are summarized further in Table 4-3.

Proposed sampling locations on this parcel were generated using five rough transects perpendicular to the river for a total of 22 proposed locations. Samples to be analyzed and those to be held are presented in detail in Appendix F.

#### 4.3.2.3 Summary of Proposed Sampling

Overall, the PCB soil sampling program for residential floodplain properties will involve the collection of 292 soil samples from 105 locations, as summarized in Appendix F. Of these 292 samples, 97 will be analyzed for PCBs initially and the remaining 195 will be held by the laboratory and released for PCB analysis (if necessary) based on the results from the previously analyzed samples.

**Table 4-3**  
**Summary of Existing and Proposed Sampling Locations at Floodplain Residential Properties in Reach 5C**

Parcel ID	Existing Soil Samples <sup>1,2</sup>								Number of Proposed PDI Sampling Locations <sup>3</sup>	
	0 to 6 inches		6 to 12 inches		12 to 18 inches		24 to 30 inches			
	Count	Average PCB Concentration (mg/kg)	Count	Average PCB Concentration (mg/kg)	Count	Average PCB Concentration (mg/kg)	Count	Average PCB Concentration (mg/kg)		
24-1	6	11.03	2	15.10	3	4.83	3	0.50	14	
24-2	3	26.43	3	25.33	0	—	0	—	14	
24-3	4	15.63	3	1.32	0	—	0	—	14	
24-4	13	36.55	7	27.03	1	ND (0.502)	1	ND (0.502)	24	
24-5	2	34.61	2	103.55	0	—	0	—	17	
24-6	7	37.41	5	42.93	0	—	0	—	22	

Notes:

1. Existing sample counts include field duplicates. Duplicate PCB concentrations were averaged with the normal sample.
2. Non-detect PCBs were set to half of the method detection limit.
3. Soil will be collected to a depth of three feet at all proposed sample locations. See Appendix F for which samples will initially be analyzed or held.

### *4.3.3 Floodplain Soil Sample Collection and Analysis*

Soil sample collection and processing will be performed following the methodology described in Appendix D of the 2023 FSP/QAPP. The sampling crew will locate proposed soil sampling locations using a DGPS. It may be necessary to make small adjustments to some of the target sampling locations based on conditions encountered in the field. If any more significant adjustments to target sampling locations are necessary, they will be discussed with and approved by the EPA field representative. Coordinates of the actual sampling locations will be recorded using DGPS. All soil samples submitted to the laboratory for analysis will be analyzed for PCBs as Aroclors using EPA Method 8082. In addition, soil samples collected from the vernal pools will be analyzed for TOC by the Lloyd Kahn Method.

## **4.4 Field Surveys**

As stated in Section 3, because the schedule for the PDI for Reaches 5B and 5C is being advanced, the DQOs for this Reaches 5B/5C PDI Work Plan focus primarily on characterization of PCB concentrations in sediments, riverbank soils, and floodplain soils. That said, there are certain field surveys that need to be performed to support those PCB characterization efforts. This section describes those field surveys.

### *4.4.1 Bathymetric Survey*

To facilitate final selection of sediment sampling locations in the river channel, particularly the siting of sediment sampling locations within the thalweg of the river channel in Reach 5B, and the riverbank soil sample locations in Reach 5B, a topobathymetric survey of Reaches 5B and 5C has been performed in advance of the submission of this Reaches 5B/5C PDI Work Plan. The results of this survey will supplement the prior bathymetric survey performed in these areas in 2022 (described in Section 2.5).

This supplemental survey was performed by Whiteout Solutions (Whiteout), headquartered in St. Johnsbury, Vermont, on December 1, 2025. It utilized a Riegl VQ-840-GL sensor—a compact airborne laser scanner designed for integrated topographic and bathymetric surveys.<sup>25</sup> The instrument employs a narrow, visible green laser beam to achieve high-resolution mapping of underwater terrain, depending on water clarity. The green laser can penetrate the water surface to depths of up to 15 meters or approximately 2.5 times the Secchi depth. Given the length of Reaches 5B and 5C, the survey was conducted using a Bell 206 helicopter rather than a drone due to battery constraints. This survey was conducted in early December 2025 during low-flow and leaf-off conditions to allow for increased visibility. As noted above, the data from this survey will be

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<sup>25</sup> The same survey method was used to successfully collect topobathymetric data in Reach 5A in May 2025.

processed and used for selecting sediment sampling locations in the river channel in Reach 5B and riverbank soil sample locations in Reach 5B.

#### *4.4.2 Sediment Probing*

Sediment probing will be conducted in the main channel of Reaches 5B and 5C and in the backwaters. The initial objective of this probing is to gain a general understanding of the sediment thickness and sediment texture prior to sediment sampling activities. Sediment probing will be conducted at the proposed sediment PCB sampling locations in these areas, as described in Section 4.1.1. This probing will be used initially to map the approximate sediment thickness at the target sampling locations to evaluate the likelihood of obtaining the desired sediment sample collection depth and to determine whether any modifications to the sampling approach or equipment are necessary. Sediment probing will be conducted in advance of sediment sample collection; however, the probing information will not be used to eliminate any of the proposed target sampling locations or depths in advance. Subsequent to sampling, the sediment probing data collected will be used in conjunction with data gathered during the sediment core collection described in Section 3.3.1 to determine the sediment thickness in support of the remedial design.

Sediment probing will be performed following the methodology provided in Appendix C of the 2023 FSP/QAPP. During all probing activities, the horizontal coordinates of the probing location, water depth, sediment thickness, sediment type (e.g., sand, silt, gravel), date, time, and any pertinent visual observations will be recorded. Horizontal position data will be collected using DGPS.

#### *4.4.3 Residential Floodplain Property Surveys*

To expedite evaluation of the six residential floodplain properties, a survey on these properties will be performed in advance of soil sample collection (DQO 14). The survey to be performed on each property (where access permission can be obtained) will include: property boundaries; easements; top-of-bank and/or edge of water (where appropriate); key physical features such as structures, driveways, sidewalks, fencing, and paved areas; utilities; and adjacent features such as roadways.

#### *4.4.4 Structure and Utility Surveys*

The presence of aboveground and underground utilities could pose risks during sample collection and/or remedial construction work to both the integrity of the utility and the safety of the workers. Therefore, a survey of structures and utilities in the river and floodplain in Reaches 5B and 5C will be conducted (DQOs 6 and 16).

In preparation for PDI subsurface sediment, riverbank, and floodplain sampling work, a utility clearance will be conducted to identify the locations of utilities within the planned work area. Massachusetts law requires that a utility clearance be performed prior to initiation of any subsurface work. Massachusetts Dig Safe Inc. (i.e., 811) will be contacted as part of the PDI activities to

coordinate utility identification and mark-outs within Reaches 5B and 5C. The Dig Safe utility mark-outs include a 30-day expiration date, beyond which the mark-outs are invalid unless markings are preserved. Identified utilities and their locations within the planned work area will be documented and surveyed as appropriate, and the locations of identified natural gas, electric, telephone, cable television/internet, water, and sewer lines will be depicted on maps. This documentation of utility locations and types will be retained to support future remedial design and construction work.

The presence and locations of observed shoreline structures and utilities will also be documented during field reconnaissance activities conducted concurrently with the sediment, riverbank, and floodplain sampling programs.

In addition, during the PDI, active outreach will be conducted with local city building departments, county and state transportation agencies, and the Electric Power Research Institute (located in Reach 5B) regarding the presence of utilities and structures that could impact the PDI, remedy implementation, worker safety, and/or utility integrity.

## 5 Schedule and Reporting

GE will initiate the PDI activities described in this Reaches 5B/5C PDI Work Plan within approximately 60 days after EPA approval of this work plan to the extent that weather conditions allow. These PDI activities are anticipated to commence in late spring or summer 2026, assuming timely EPA approval of this work plan, and will be performed during the 2026 and 2027 field seasons. Priority will be given to the collection of sediment and floodplain soil samples in Reach 5C and to completing the necessary bathymetric, property, and structure/utility surveys in both reaches during the first field season (2026); sample collection in Reach 5B will be performed in 2027. Prior to collection of samples in Reach 5B, the data from the topobathymetric survey conducted in December 2025 (see Section 4.4.1) will be reviewed to specify target sampling locations for thalweg sediment samples and riverbank soil samples in Reach 5B, GE will provide specific target coordinates for those locations to EPA review and approval.

Following completion of the sampling described herein and receipt of the results, GE will evaluate the need for analysis of any archived sediment or floodplain soil samples. If GE determines that analysis of held samples is warranted, GE will provide EPA with the results of the sampling completed, consult with EPA regarding the analysis of any archived samples, and, upon agreement, proceed with the analysis of the archived samples.

As described in Section 3, this Reaches 5B/5C PDI Work Plan focuses primarily on characterization of PCB concentrations in sediments, riverbank soils, and floodplain soils. Additional pre-design data will be needed in the future to support preparation of Conceptual RD/RA Work Plan(s) for Reaches 5B and 5C. Those supplemental PDI activities will be proposed in an addendum to this Reaches 5B/5C PDI Work Plan that will be submitted at least one year prior to the anticipated submittal of those conceptual design plans. Following EPA approval, GE will conduct the additional data collection. Once GE determines that no additional pre-design data collection is warranted, GE will notify EPA and proceed to the development of a PDI Summary Report or Reports for Reaches 5B and 5C, as described in the next paragraph.

Following the completion of all required PDI activities in Reaches 5B and 5C, a PDI Summary Report or Reports will be prepared that summarize the data collected pursuant to this work plan and any addendum or addenda thereto.<sup>26</sup> That report will include the following:

- Summary of the results of the field surveys;

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<sup>26</sup> It has not been determined at this time whether a separate PDI Summary Report will be prepared for each reach or one combined report will be prepared for both reaches together. That determination will be based on the timing of completion of the PDI field activities. GE will submit a recommendation for a combined or individual PDI Summary Reports to EPA at the end of the 2026 field season. In either case, the results of the additional BRA activities for Reaches 5B and 5C will be reported on a separate track in accordance with the approved Supplemental Data Collection Work Plan for those activities.

- Summary of the sediment, riverbank, and floodplain soil sampling investigations performed and results;
- Summary of validated analytical data and discussion of any quality assurance/quality control issues with the data;
- Data validation reports and laboratory data reports;
- Supporting documentation of the PDI activities (e.g., sampling logs, photographs);
- Electronic spreadsheet with the analytical data and geospatial coordinates for each PDI sample;
- Geographic Information System (GIS) geodatabase file with the geospatial locations of all PDI sample locations;
- Evaluation of the sufficiency of the data to support sediment and soil removal remedial design/remedial action activities for Reaches 5B/5C; and
- Identification of any supplemental engineering or other data that may be needed to complete the remedial design, with such supplemental data collection to be described in the Conceptual RD/RA Work Plan(s) for these RUs.

In the meantime, a summary table of the analytical results received each month collected pursuant this Reaches 5B/5C PDI Work Plan and any addendum(s) thereto will be included in GE's monthly progress reports under the CD.

## 6 References

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## Table

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Table 4-2

## Summary of Existing and Proposed PDI Sampling Locations in the Vernal Pools of Reaches 5B and 5C

Reach	Vernal Pool ID	Centroid Coordinates		Exposure Area	Acres	0 to 6 Inches					Proposed New Samples	Total Samples (Existing + Proposed)
						Existing Samples (PCB Concentrations in mg/kg) <sup>a</sup>						
		X	Y			Count	Average	Min	Max			
Reach 5B	5B-VP-1	186502.262	2976175.814	35	0.21	1	33	33	33	3	4	
	5B-VP-5	186332.9063	2975829.78	35	0.92	3	53	42	61	11	14	
	5B-VP-6	186682.9305	2975464.913	35	0.05	0	--	--	--	3	3	
	5B-VP-7	187479.0041	2975577.229	36	0.05	0	--	--	--	3	3	
	5B-VP-8	187370.1407	2975280.385	36	0.06	0	--	--	--	3	3	
	5B-VP-10	186982.005	2975235.588	35	0.08	0	--	--	--	3	3	
	5B-VP-11	186980.0488	2975054.078	35 and 37	0.11	0	--	--	--	3	3	
	5B-VP-12	186988.1297	2974845.785	37	0.44	7	33	4.5	77	2	9	
	5B-VP-13	187438.1893	2975014.827	36 and 38	2.44	2	36	25	47	10	12	
	5B-VP-15	187130.2461	2974513.977	37	0.13	0	--	--	--	3	3	
	5B-VP-17	186878.453	2974538.351	37	0.55	7	40	9.9	97	7	14	
	5B-VP-18	186613.4377	2974587.786	37	0.18	7	24	8.4	46	3	10	
	5B-VP-18A	186679.0015	2974128.212	38	0.22	0	--	--	--	4	4	
	5B-VP-18B	186445.7966	2974097.851	38	0.09	0	--	--	--	3	3	
	5B-VP-19	185963.6682	2974295.033	37	0.05	1	230	230	230	3	4	
	5B-VP-22	185866.9208	2973566.565	37	0.39	8	17	2.4	39	3	11	
	5B-VP-24 <sup>b</sup>	186296.9128	2973431.579	--	0.11	3	66	29	133	0	3	
	5B-VP-25	185644.6594	2973462.601	39	0.03	0	--	--	--	3	3	
	5B-VP-26	185567.2046	2973404.47	39	0.16	1	89	89	89	2	3	
	5B-VP-27	185215.2877	2973150.556	39	0.55	10	26	ND	101	7	17	
	5B-VP-28	185918.6284	2973073.624	41	0.04	0	--	--	--	3	3	
	5B-VP-29	185835.5072	2973002.568	41	0.08	0	--	--	--	3	3	
	5B-VP-30	185803.4057	2972845.127	41	0.02	0	--	--	--	3	3	
	5B-VP-32	185033.1862	2972905.217	40	0.17	1	14	14	14	2	3	
	5B-VP-33A	184815.0164	2972729.482	40	0.9	1	75	75	75	15	16	
	5B-VP-35	185137.7542	2972237.916	40	0.84	13	33	ND	136	8	21	
	5B-VP-38	185293.8163	2971846.767	41	0.04	0	--	--	--	3	3	
	5B-VP-46	185939.0989	2970669.621	42	0.2	0	--	--	--	3	3	
	5B-VP-47	185544.6807	2970290.93	40	0.07	0	--	--	--	3	3	
Reach 5C	5C-VP-2	184631.2202	2969629.386	40	0.74	9	0.66	ND	0.29	9	18	
	5C-VP-3	184738.2299	2969240.699	40	0.07	2	0.57	ND	0.81	3	5	
	5C-VP-4	184579.6695	2969110.529	40	2.52	8	15	0.92	50	12	20	
	5C-VP-5	184229.0648	2969107.565	40	0.07	6	0.97	0.11	3.3	1	7	
	5C-VP-6	185338.5631	2968990.591	45	0.7	1	40	40	40	10	11	
	5C-VP-7	184998.824	2968707.566	45	0.92	1	2.2	2.2	2.2	16	17	
	5C-VP-8	184802.45	2968554.678	45	0.26	1	17	17	17	4	5	
	5C-VP-11	185684.9312	2966816.866	46	0.08	2	15	12	19	2	4	
	5C-VP-14A	186178.0739	2963855.162	54	0.06	0	--	--	--	3	3	
	5C-VP-16	186196.8829	2961118.128	55	0.06	2	ND	ND	ND	2	4	
	5C-VP-17 <sup>c</sup>	186338.4584	2959765.233	57	0.08	2	0.015	0.015	0.016	0	2	

Table 4-2

## Summary of Existing and Proposed PDI Sampling Locations in the Vernal Pools of Reaches 5B and 5C

Reach	Vernal Pool ID	6 to 12 Inches				Proposed New Samples	Total Samples (Existing + Proposed)	0 to 1 Foot				All Depths Total Number of Samples (Existing + Proposed)			
		Existing Samples (PCB Concentrations in mg/kg) <sup>a</sup>						Existing Samples (PCB Concentrations in mg/kg) <sup>a</sup>							
		Count	Average	Min	Max			Count	Average	Min	Max				
Reach 5B	5B-VP-1	1	17	17	17	3	4	0	--	--	--	8			
	5B-VP-5	1	24	24	24	12	13	0	--	--	--	27			
	5B-VP-6	0	--	--	--	3	3	0	--	--	--	6			
	5B-VP-7	0	--	--	--	3	3	0	--	--	--	6			
	5B-VP-8	0	--	--	--	3	3	0	--	--	--	6			
	5B-VP-10	0	--	--	--	3	3	0	--	--	--	6			
	5B-VP-11	0	--	--	--	3	3	0	--	--	--	6			
	5B-VP-12	0	--	--	--	5	5	0	--	--	--	14			
	5B-VP-13	0	--	--	--	11	11	0	--	--	--	23			
	5B-VP-15	0	--	--	--	3	3	0	--	--	--	6			
	5B-VP-17	0	--	--	--	10	10	0	--	--	--	24			
	5B-VP-18	0	--	--	--	4	4	0	--	--	--	14			
	5B-VP-18A	0	--	--	--	4	4	0	--	--	--	8			
	5B-VP-18B	0	--	--	--	3	3	0	--	--	--	6			
	5B-VP-19	1	47	47	47	3	4	0	--	--	--	8			
	5B-VP-22	0	--	--	--	7	7	0	--	--	--	18			
	5B-VP-24 <sup>b</sup>	0	--	--	--	0	0	6	20	9.3	55	9			
	5B-VP-25	0	--	--	--	3	3	0	--	--	--	6			
	5B-VP-26	1	14	14	14	2	3	0	--	--	--	6			
	5B-VP-27	0	--	--	--	9	9	0	--	--	--	26			
	5B-VP-28	0	--	--	--	3	3	0	--	--	--	6			
	5B-VP-29	0	--	--	--	3	3	0	--	--	--	6			
	5B-VP-30	0	--	--	--	3	3	0	--	--	--	6			
	5B-VP-32	0	--	--	--	3	3	0	--	--	--	6			
	5B-VP-33A	0	--	--	--	16	16	0	--	--	--	32			
	5B-VP-35	2	6.3	3.1	9.4	14	16	0	--	--	--	37			
	5B-VP-38	0	--	--	--	3	3	0	--	--	--	6			
	5B-VP-46	0	--	--	--	3	3	0	--	--	--	6			
	5B-VP-47	0	--	--	--	3	3	0	--	--	--	6			
Reach 5C	5C-VP-2	0	--	--	--	12	12	0	--	--	--	30			
	5C-VP-3	0	--	--	--	3	3	0	--	--	--	8			
	5C-VP-4	2	1.2	0.6	1.8	15	17	0	--	--	--	37			
	5C-VP-5	0	--	--	--	3	3	0	--	--	--	10			
	5C-VP-6	0	--	--	--	11	11	0	--	--	--	22			
	5C-VP-7	0	--	--	--	16	16	0	--	--	--	33			
	5C-VP-8	0	--	--	--	5	5	0	--	--	--	10			
	5C-VP-11	0	--	--	--	3	3	0	--	--	--	7			
	5C-VP-14A	0	--	--	--	3	3	0	--	--	--	6			
	5C-VP-16	0	--	--	--	3	3	0	--	--	--	7			
	5C-VP-17 <sup>c</sup>	2	0.014	0.011	0.017	0	2	0	--	--	--	4			

**Table 4-2****Summary of Existing and Proposed PDI Sampling Locations in the Vernal Pools of Reaches 5B and 5C**

Notes:

- a. Duplicate samples were averaged. Non-detect PCBs were set to half of the method detection limit.
- b. 5B-VP-24 does not overlap with any non-residential Exposure Area; it is located immediately south of Exposure Area 38.
- c. Samples collected during the Reach 6 PDI were included.

kg: kilogram

mg: milligram

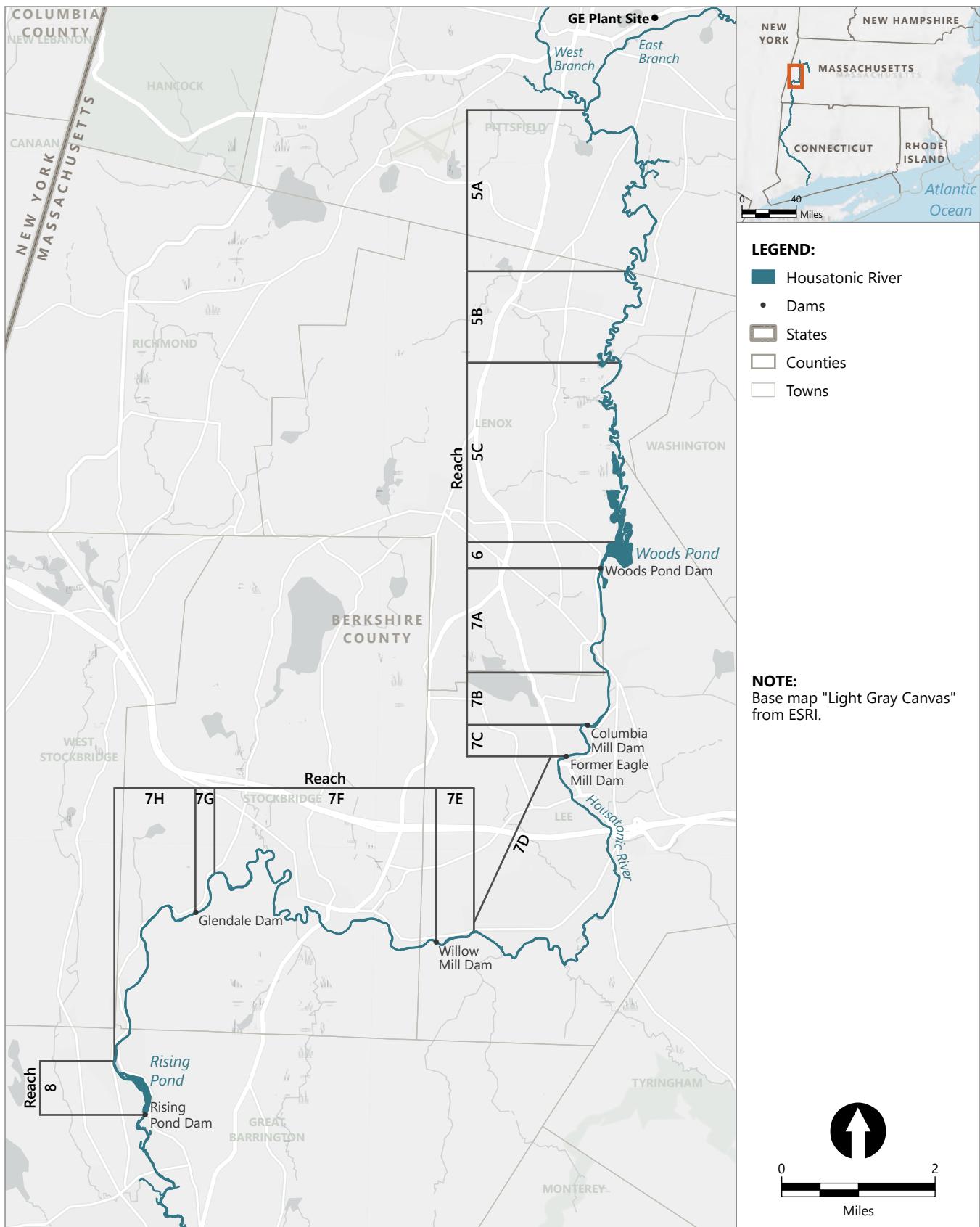
ND: non-detect

PCB: polychlorinated biphenyl

PDI: pre-design investigation

## Figures

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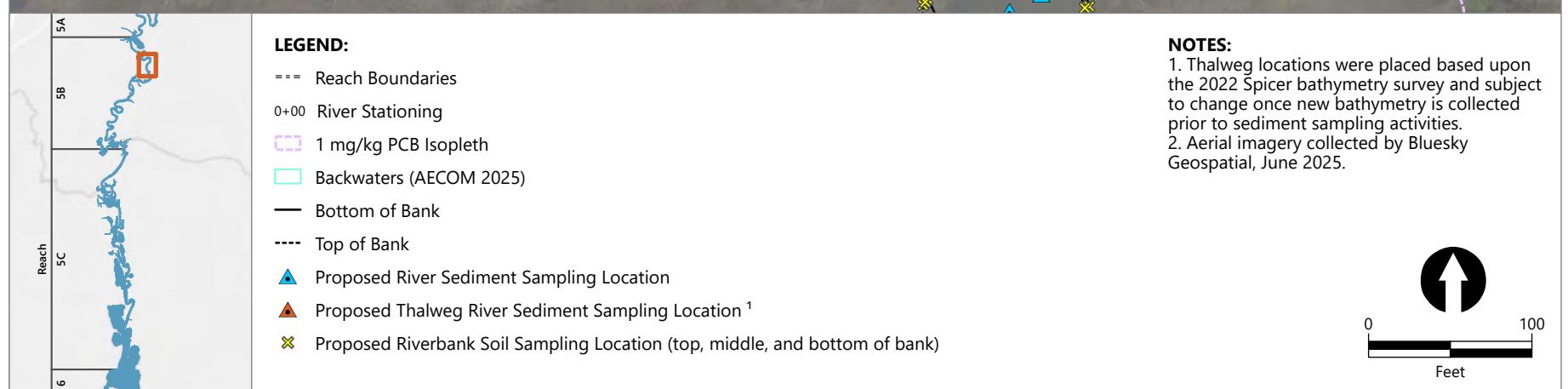
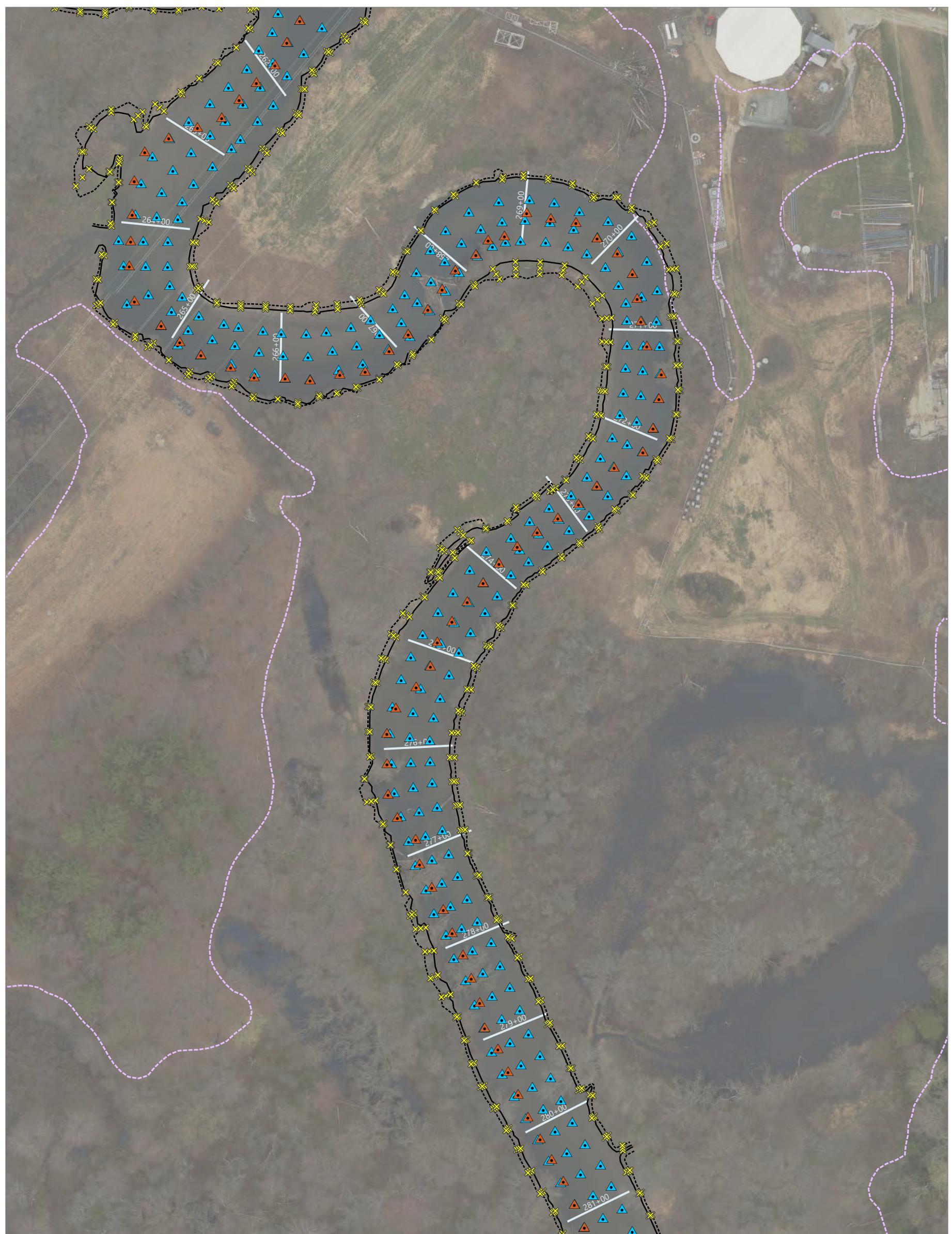


**Figure 1-1**  
**Housatonic River Map (Subbreaches in Reaches 5 and 7)**

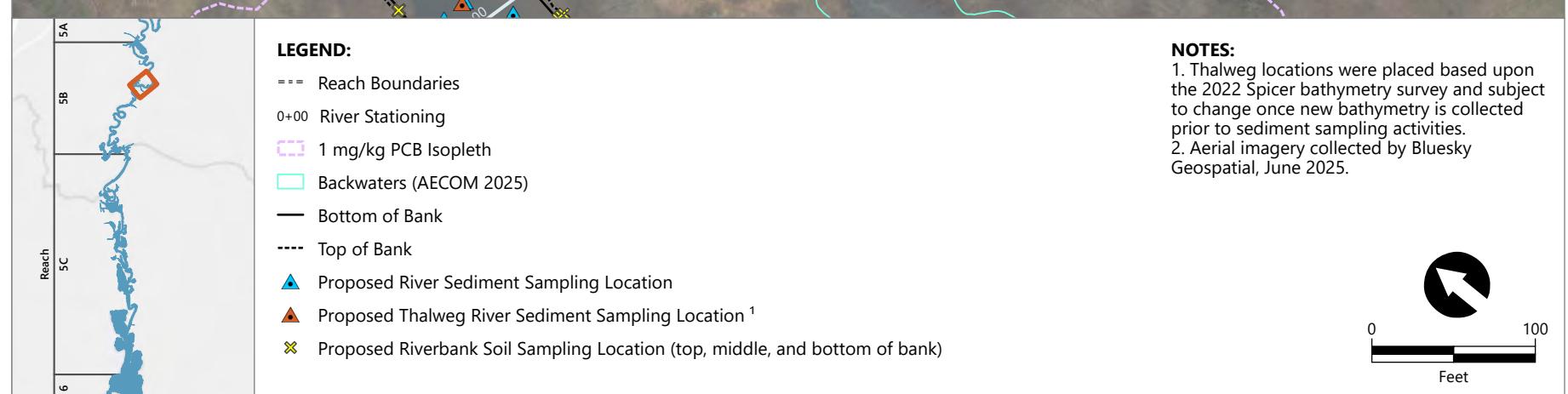
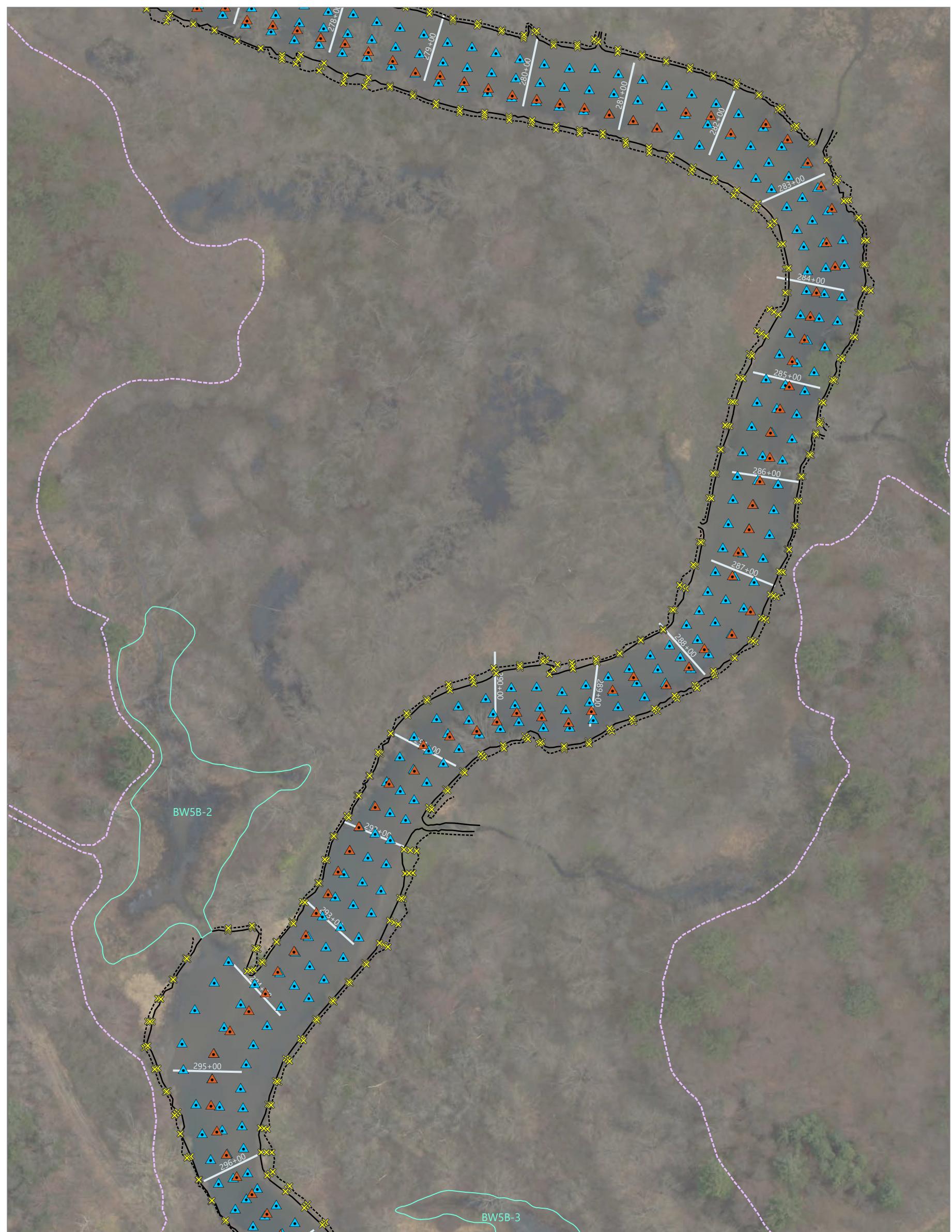
Pre-Design Investigation Work Plan for Reaches 5B and 5C  
Housatonic River – Rest of River



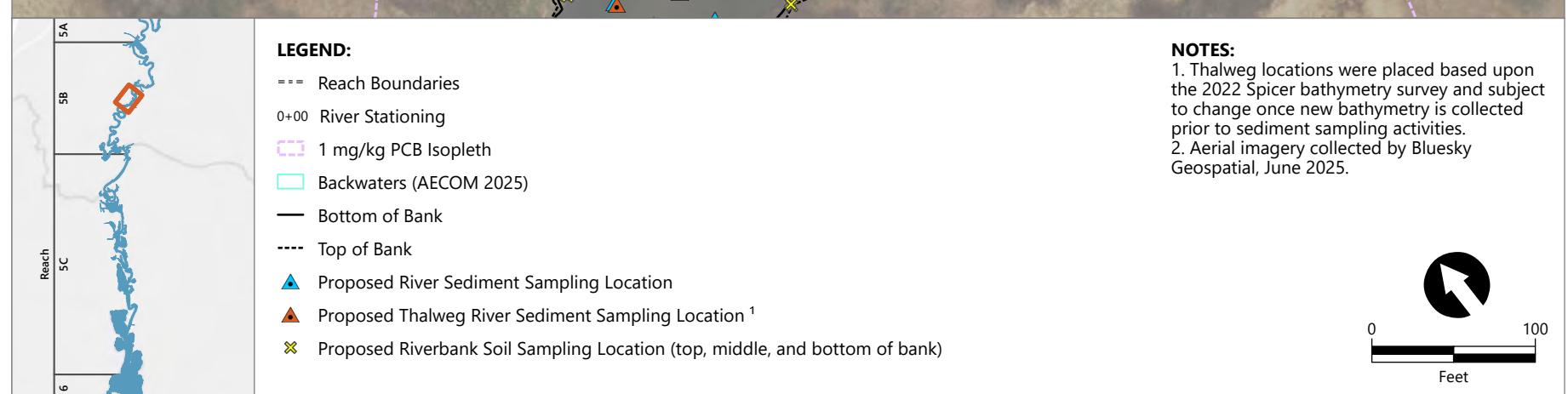
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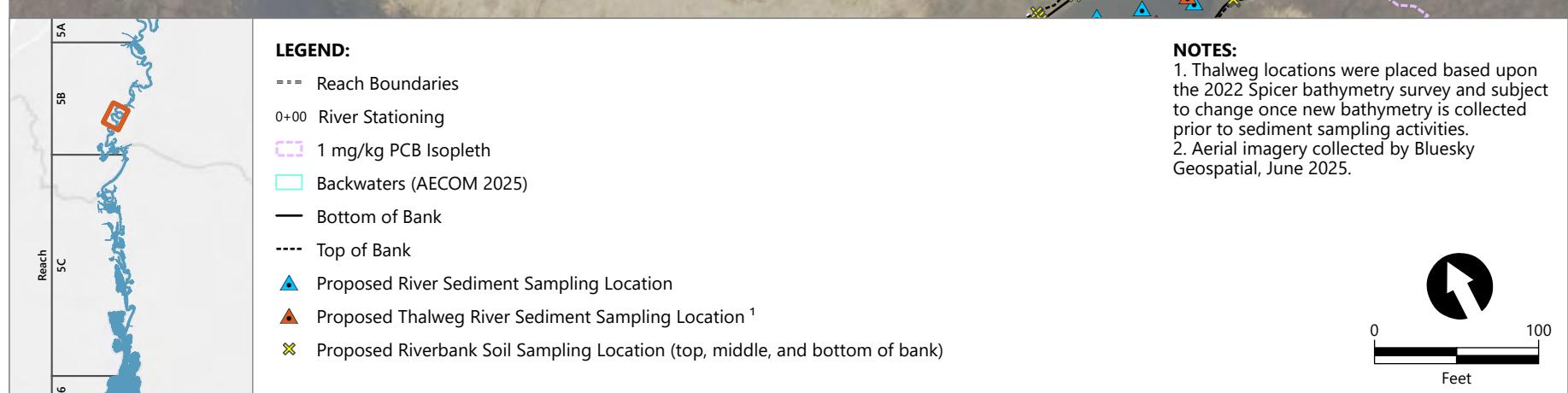
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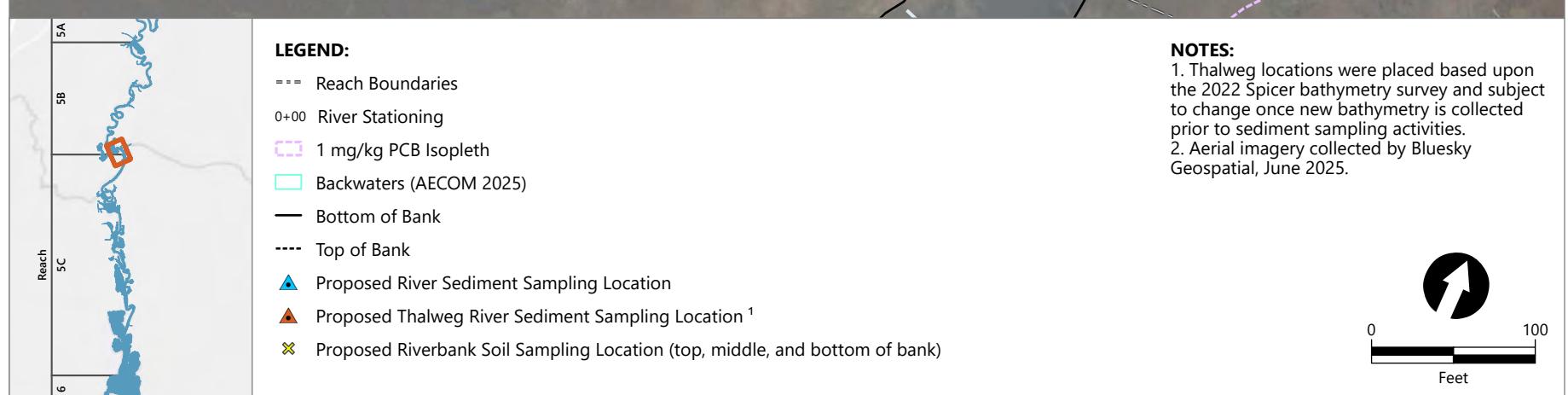
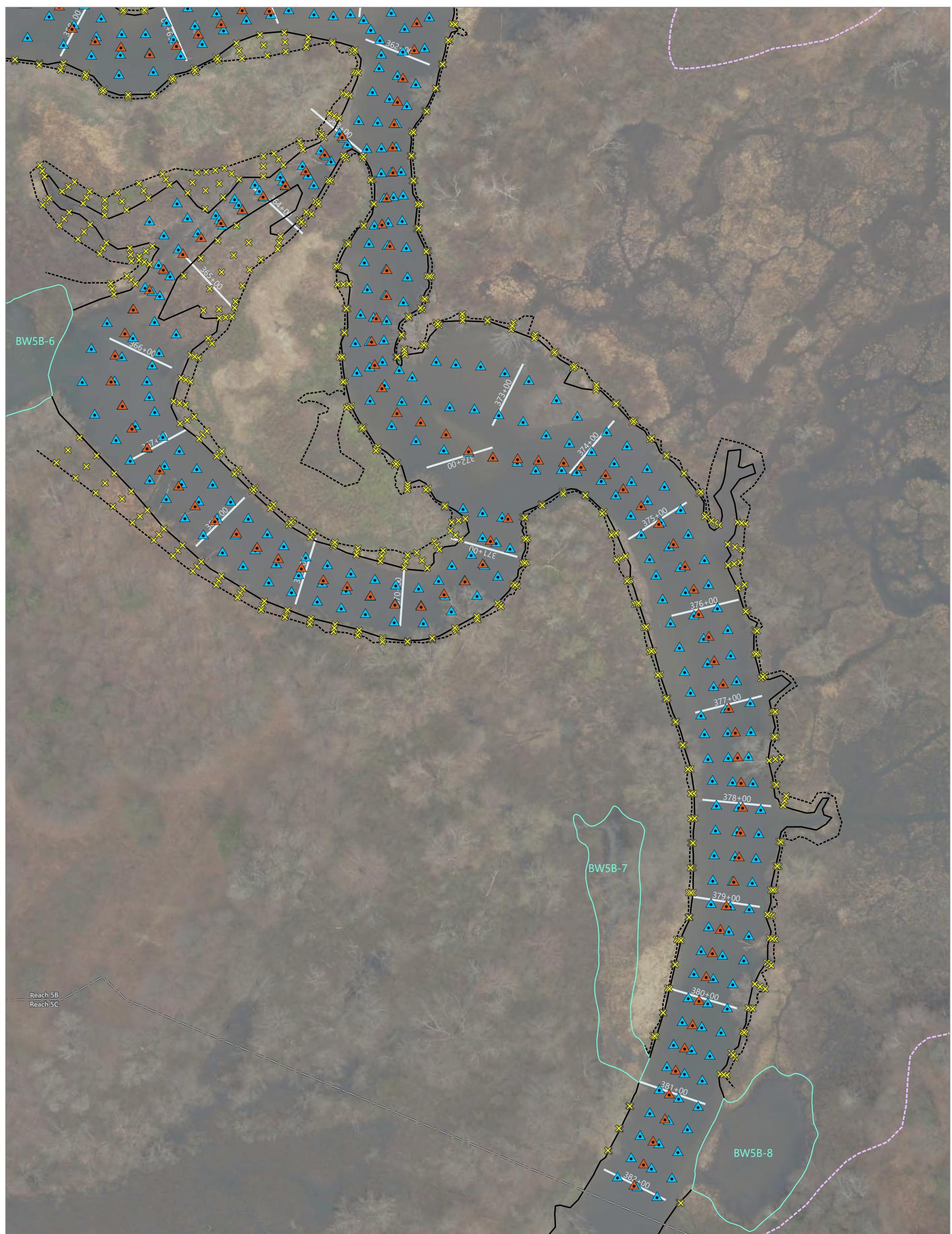
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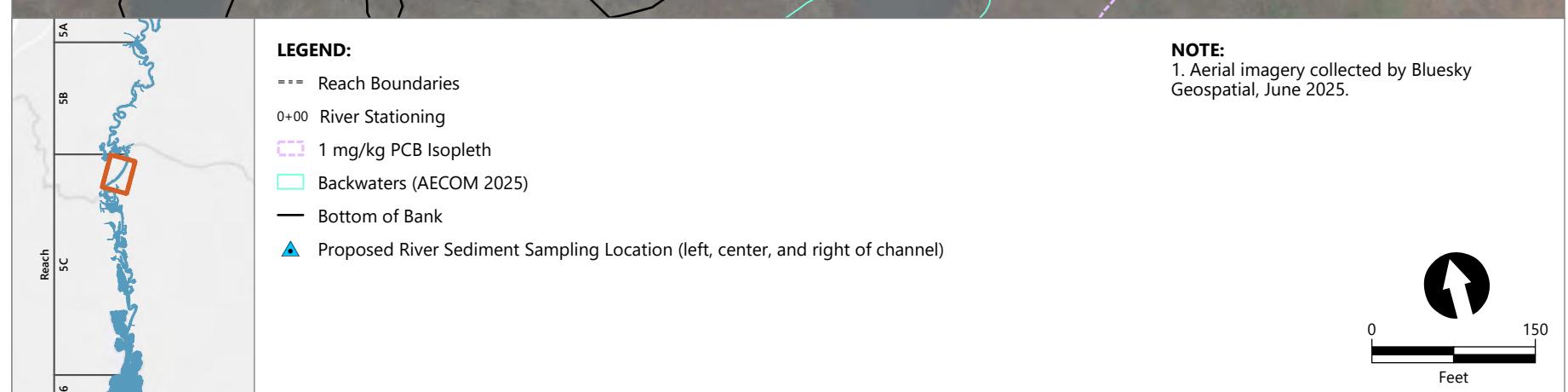
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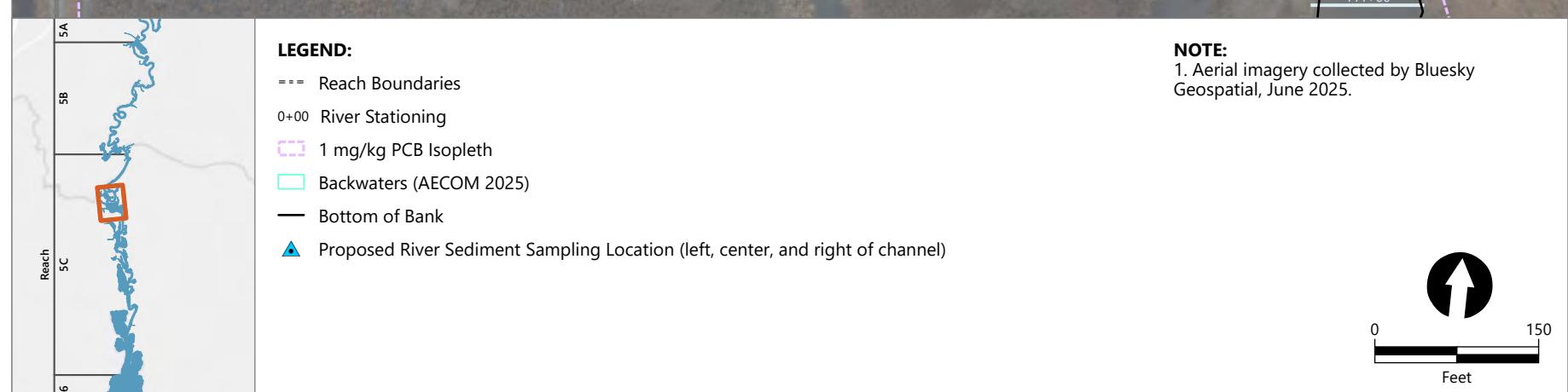
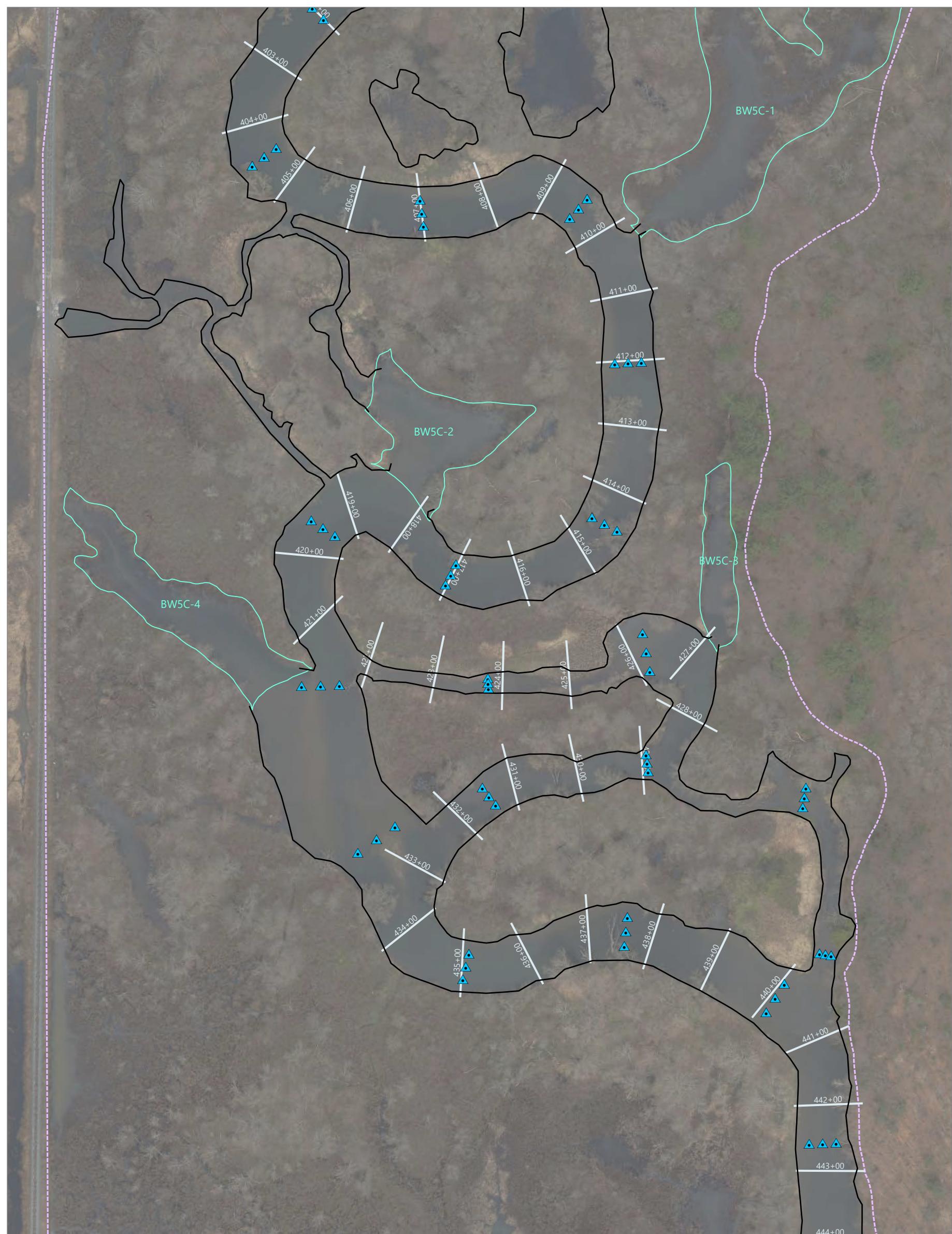


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**Figure 4-2a**  
**Summary of Proposed Main Channel Sediment Sampling Locations in Reach 5C**

Pre-Design Investigation Work Plan for Reaches 5B and 5C  
Housatonic River – Rest of River

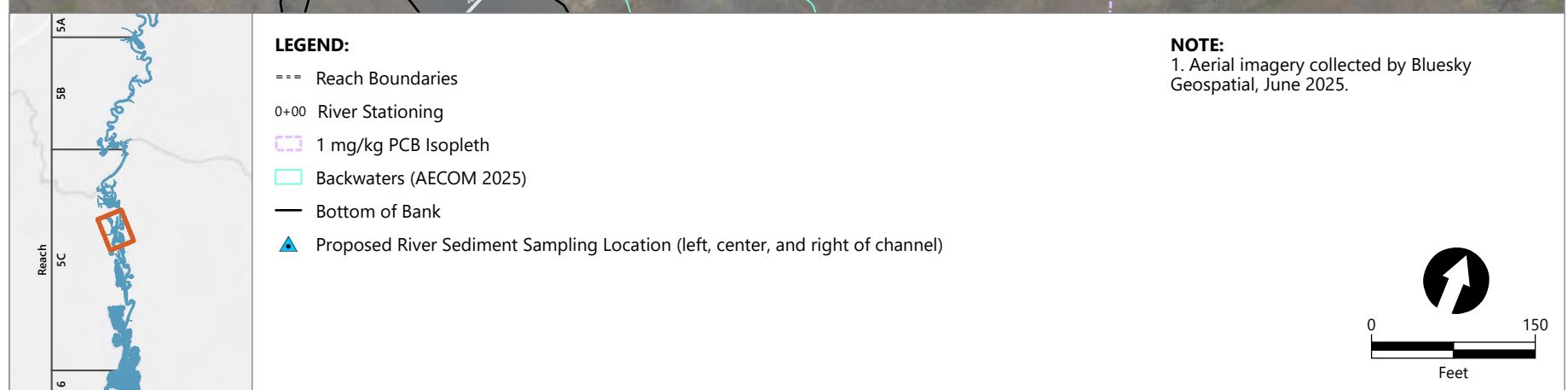


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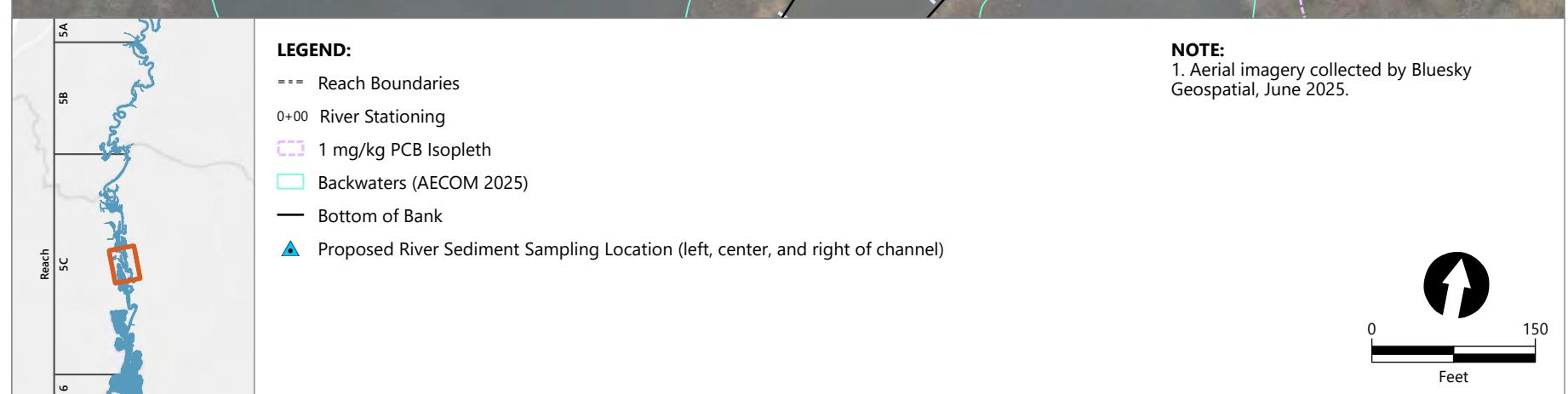


**Figure 4-2b**  
**Summary of Proposed Main Channel Sediment Sampling Locations in Reach 5C**

Pre-Design Investigation Work Plan for Reaches 5B and 5C  
Housatonic River – Rest of River



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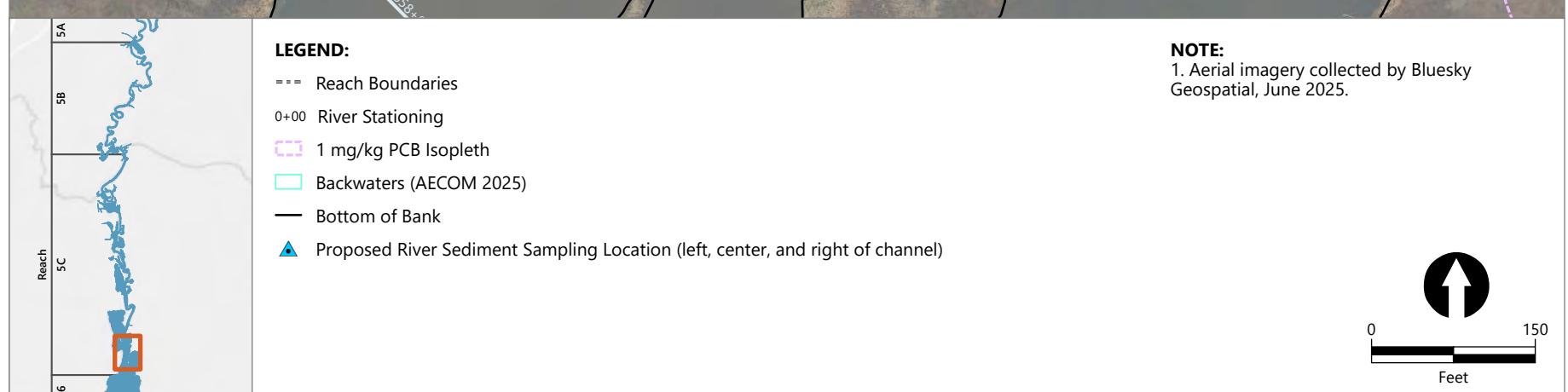
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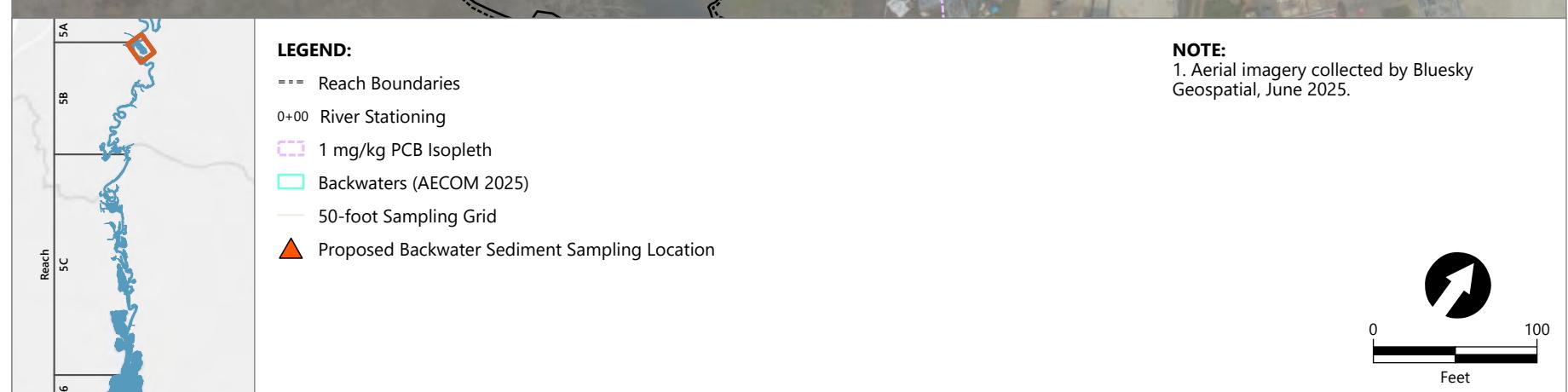
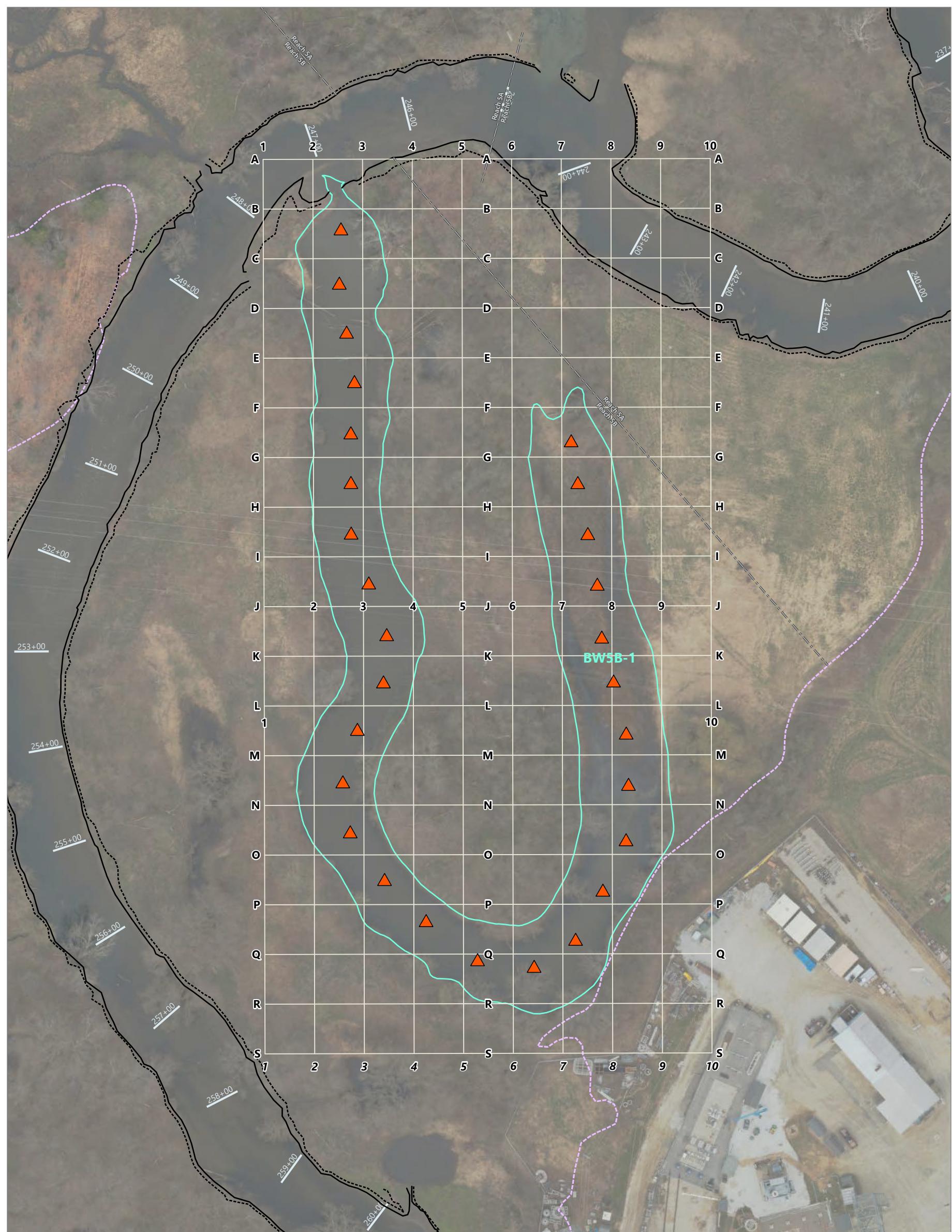
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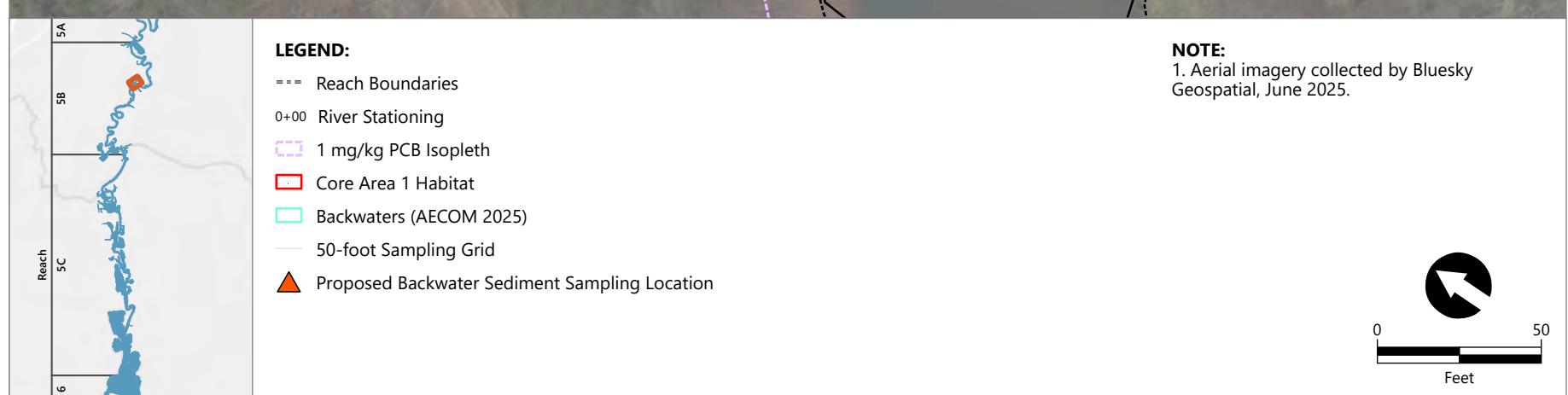
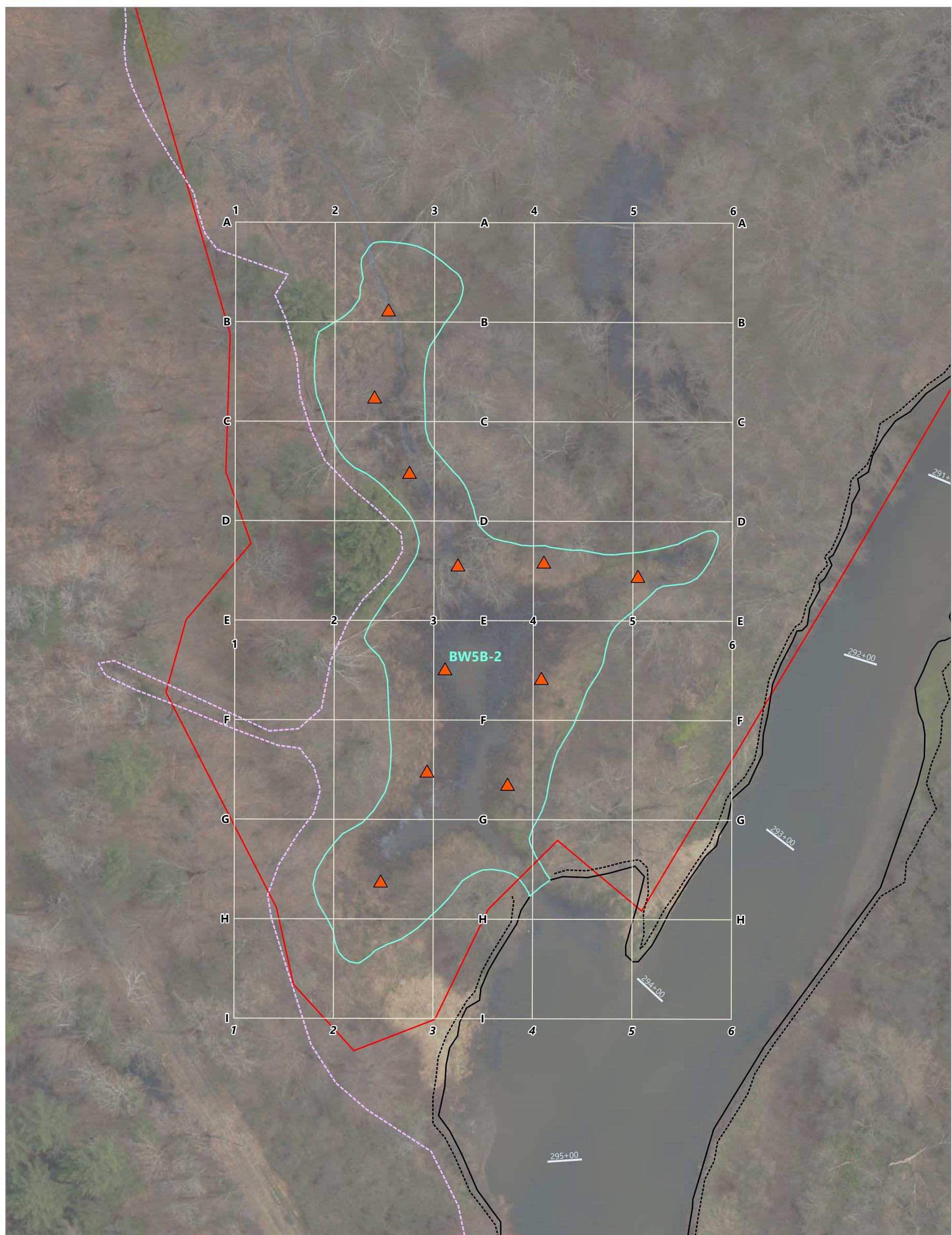


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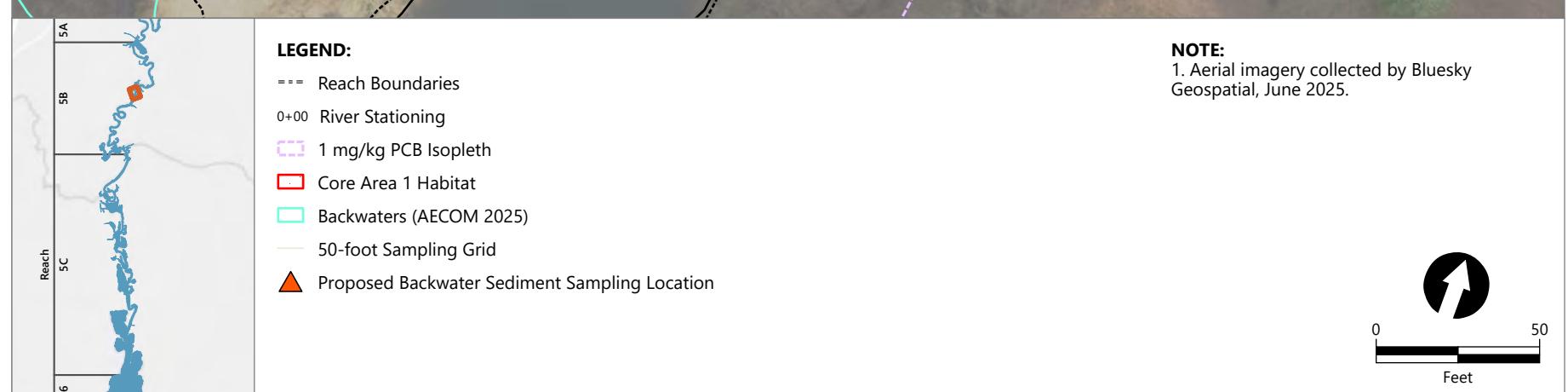


**Figure 4-3a**  
**Summary of Proposed Sediment Sampling Locations in Reach 5B Backwaters**

Pre-Design Investigation Work Plan for Reaches 5B and 5C  
 Housatonic River – Rest of River

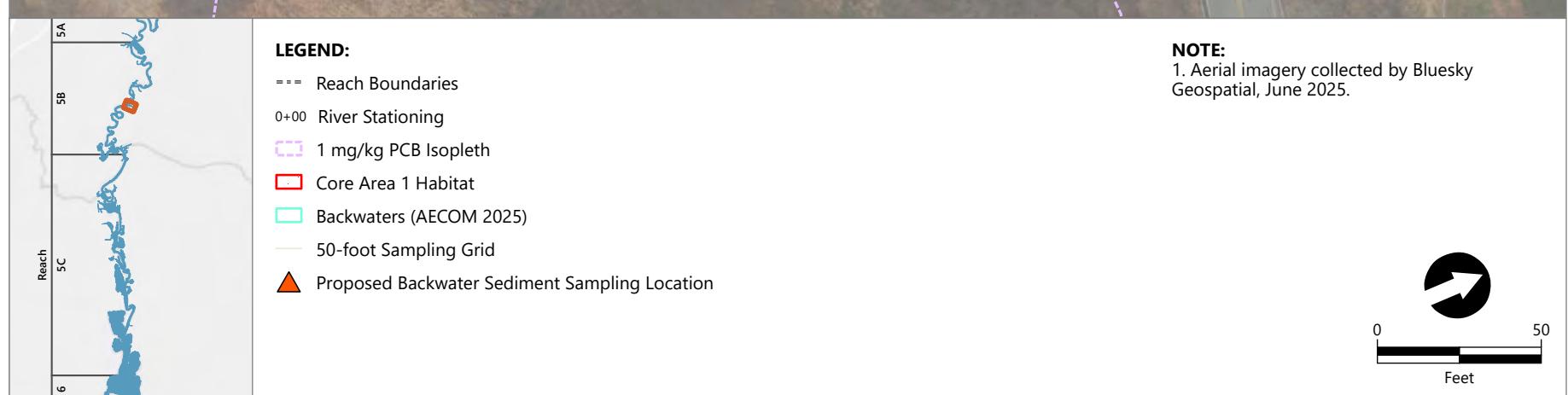


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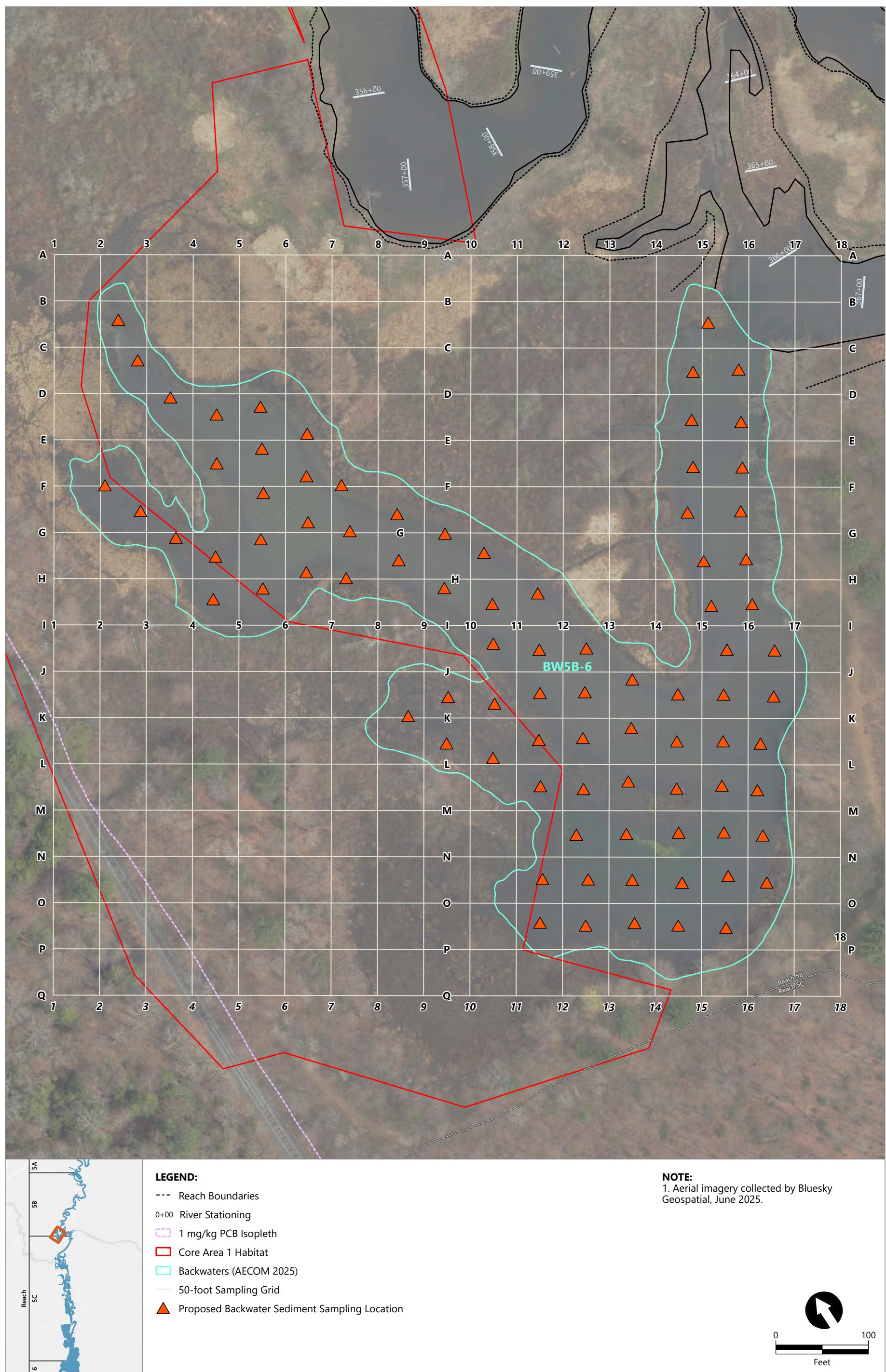


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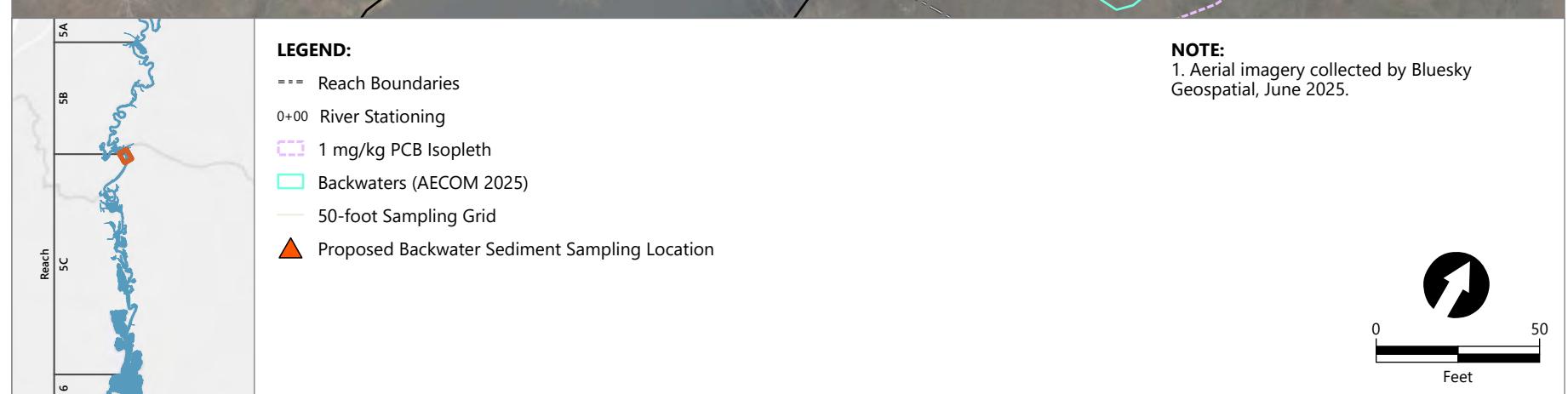


**Figure 4-3e**  
**Summary of Proposed Sediment Sampling Locations in Reach 5B Backwaters**

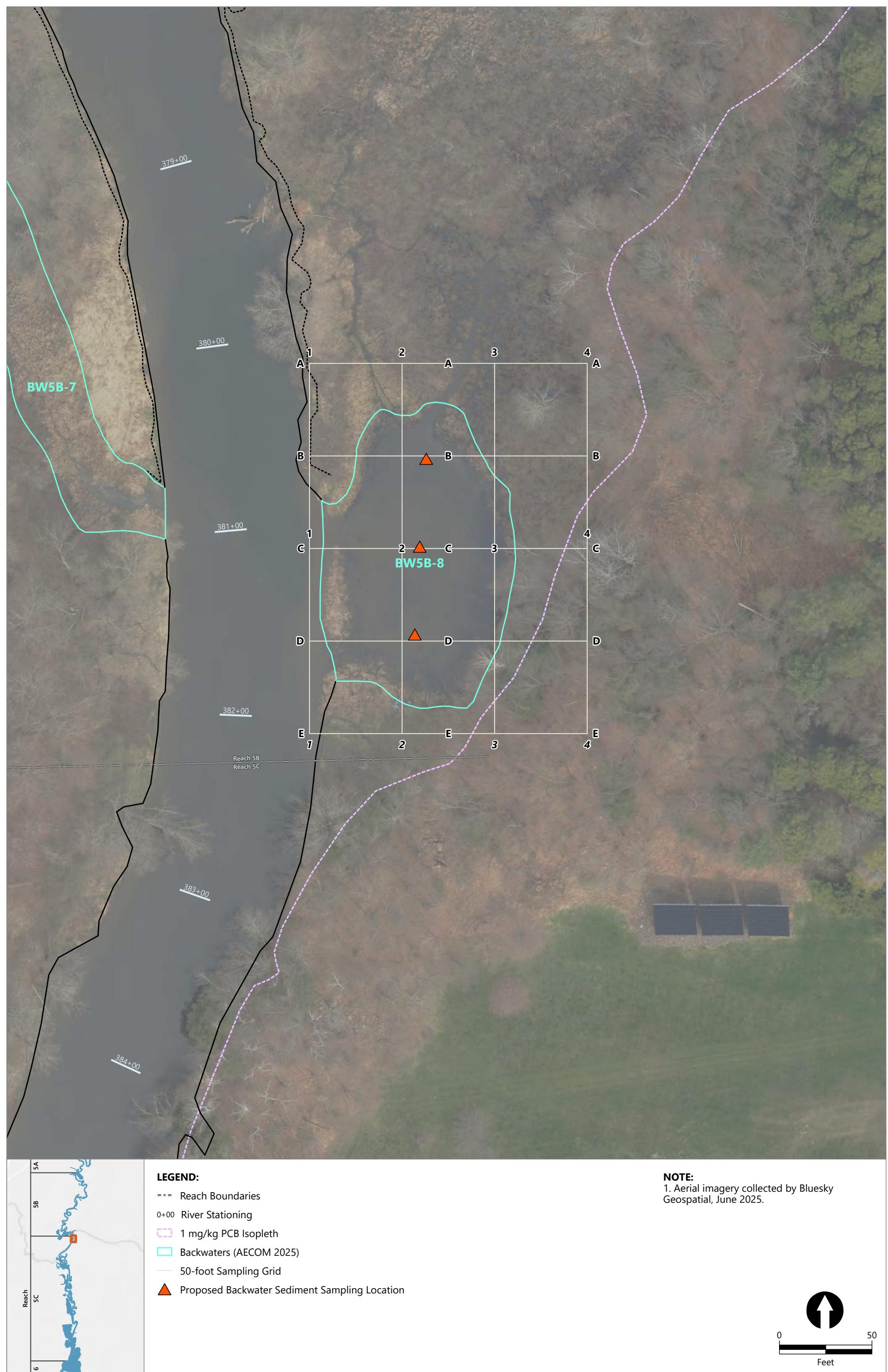
Pre-Design Investigation Work Plan for Reaches 5B and 5C  
Housatonic River – Rest of River



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 Filepath: \\gstfile01\gis\Jobs\GE\_0469\HousatonicRiver\Maps\Reports\R5BC\PDWorkPlan\Section4\_RiverSedAndSoil.aprx | Figure 4-3 5B Backwaters



Publish Date: 2025/12/01, 3:34 PM | User: eiverson  
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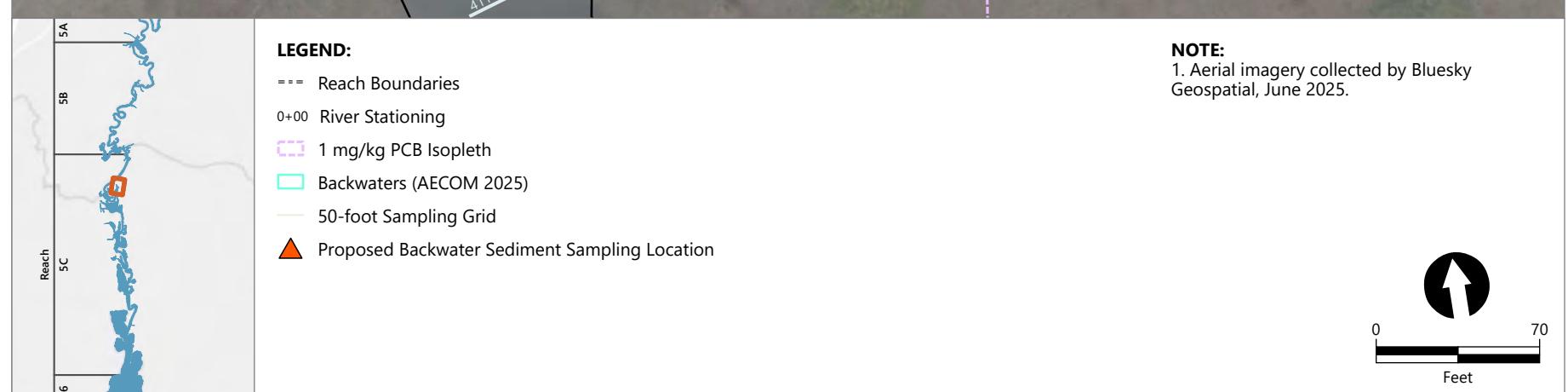
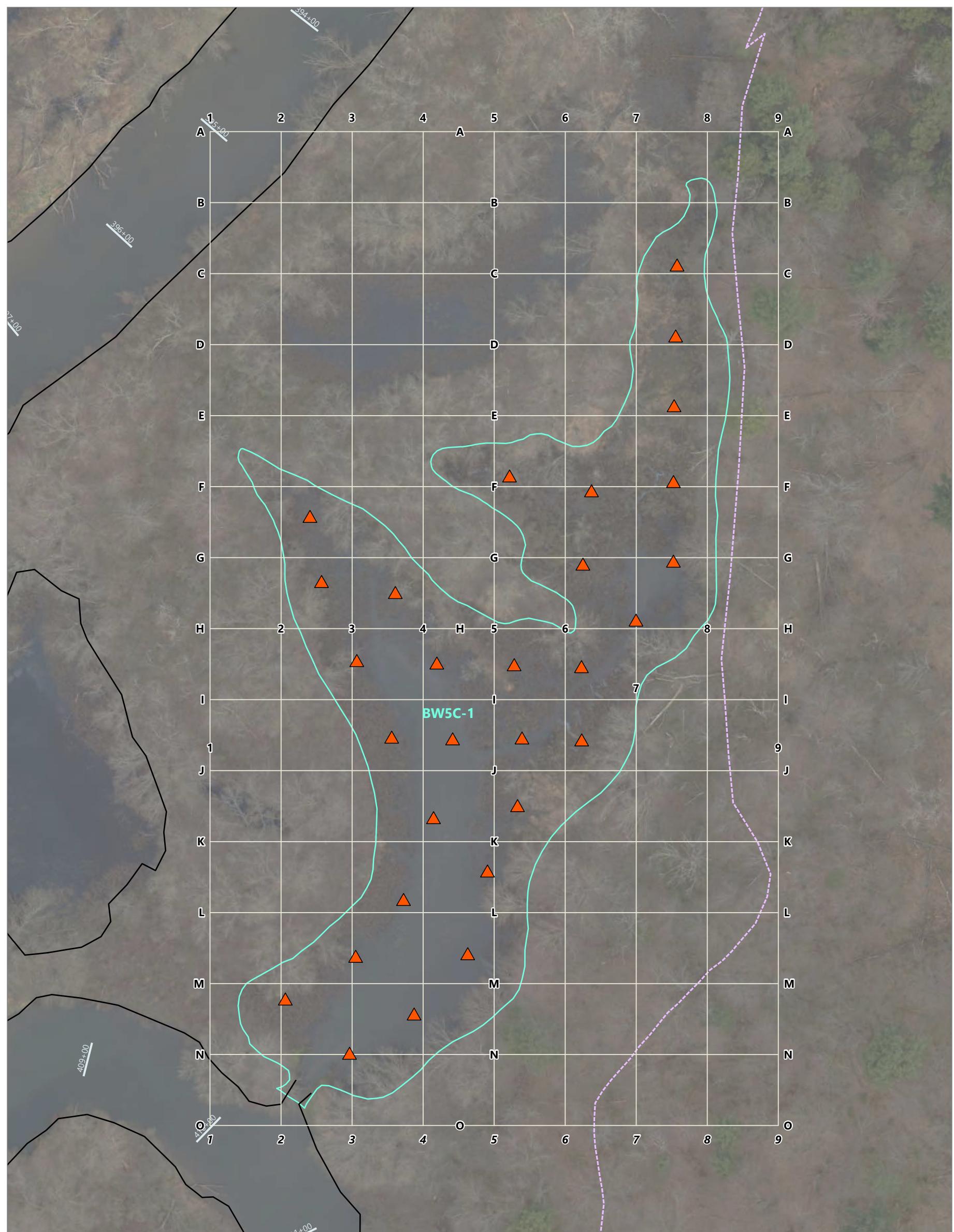


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**Figure 4-3h**  
**Summary of Proposed Sediment Sampling Locations in Reach 5B Backwaters**

Pre-Design Investigation Work Plan for Reaches 5B and 5C  
 Housatonic River – Rest of River

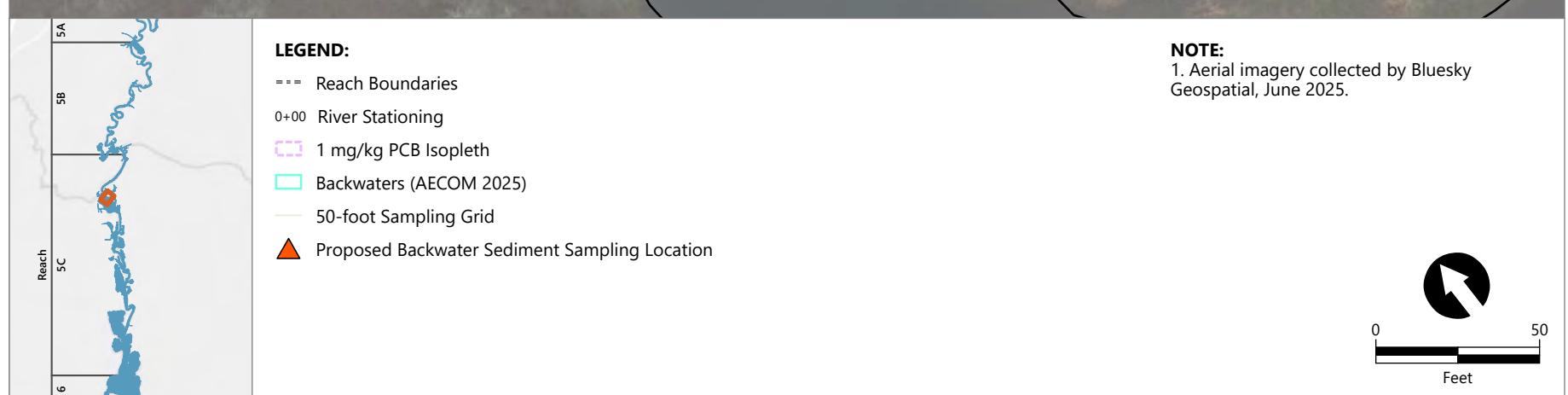


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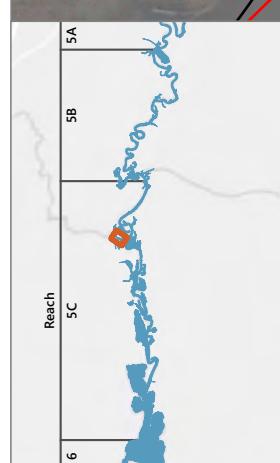
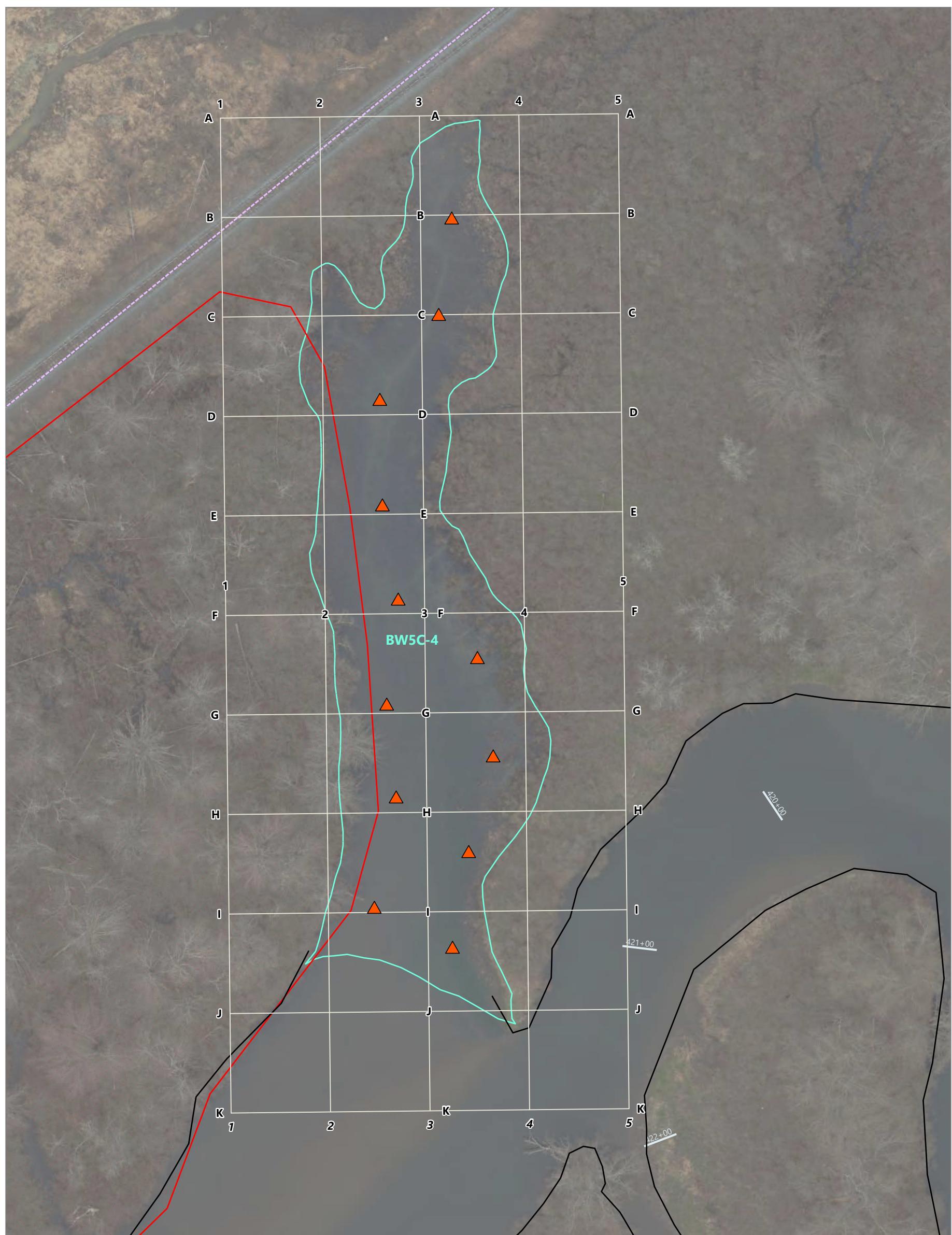
**Figure 4-4a**  
**Summary of Proposed Sediment Sampling Locations in Reach 5C Backwaters**

Pre-Design Investigation Work Plan for Reaches 5B and 5C  
Housatonic River – Rest of River





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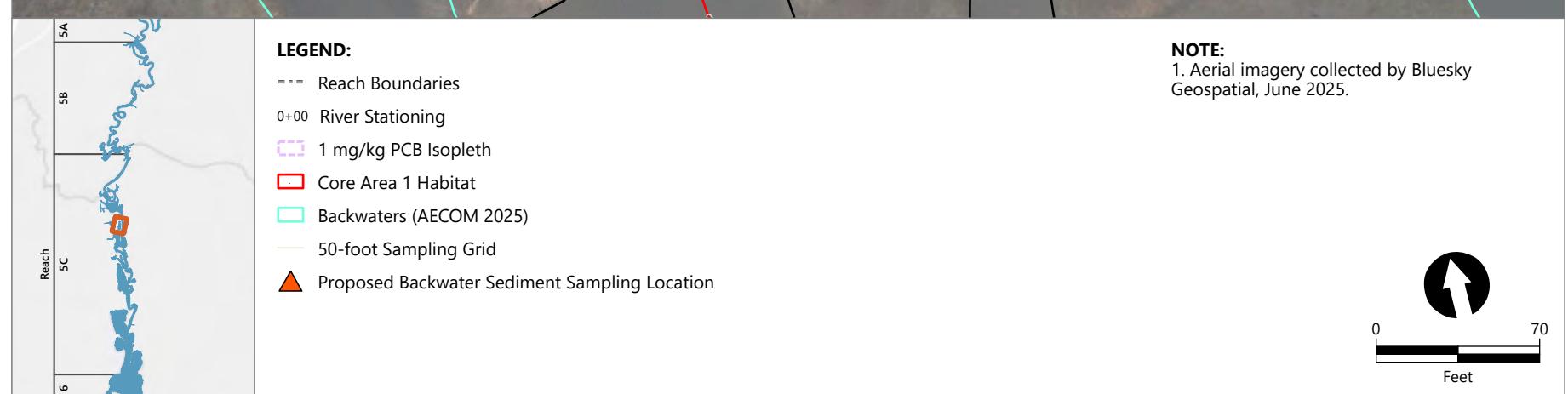
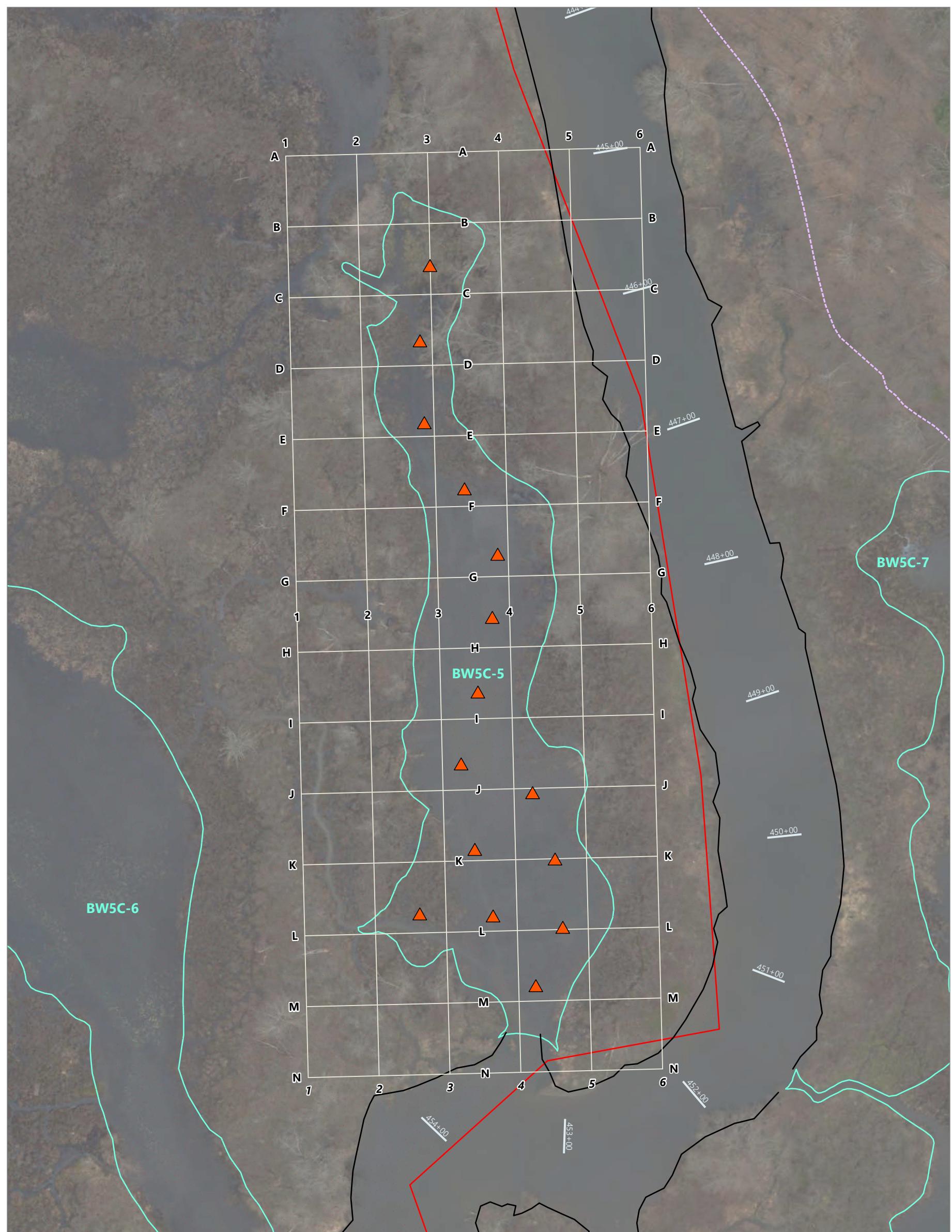
**NOTE:**  
1. Aerial imagery collected by Bluesky Geospatial, June 2025.

**LEGEND:**

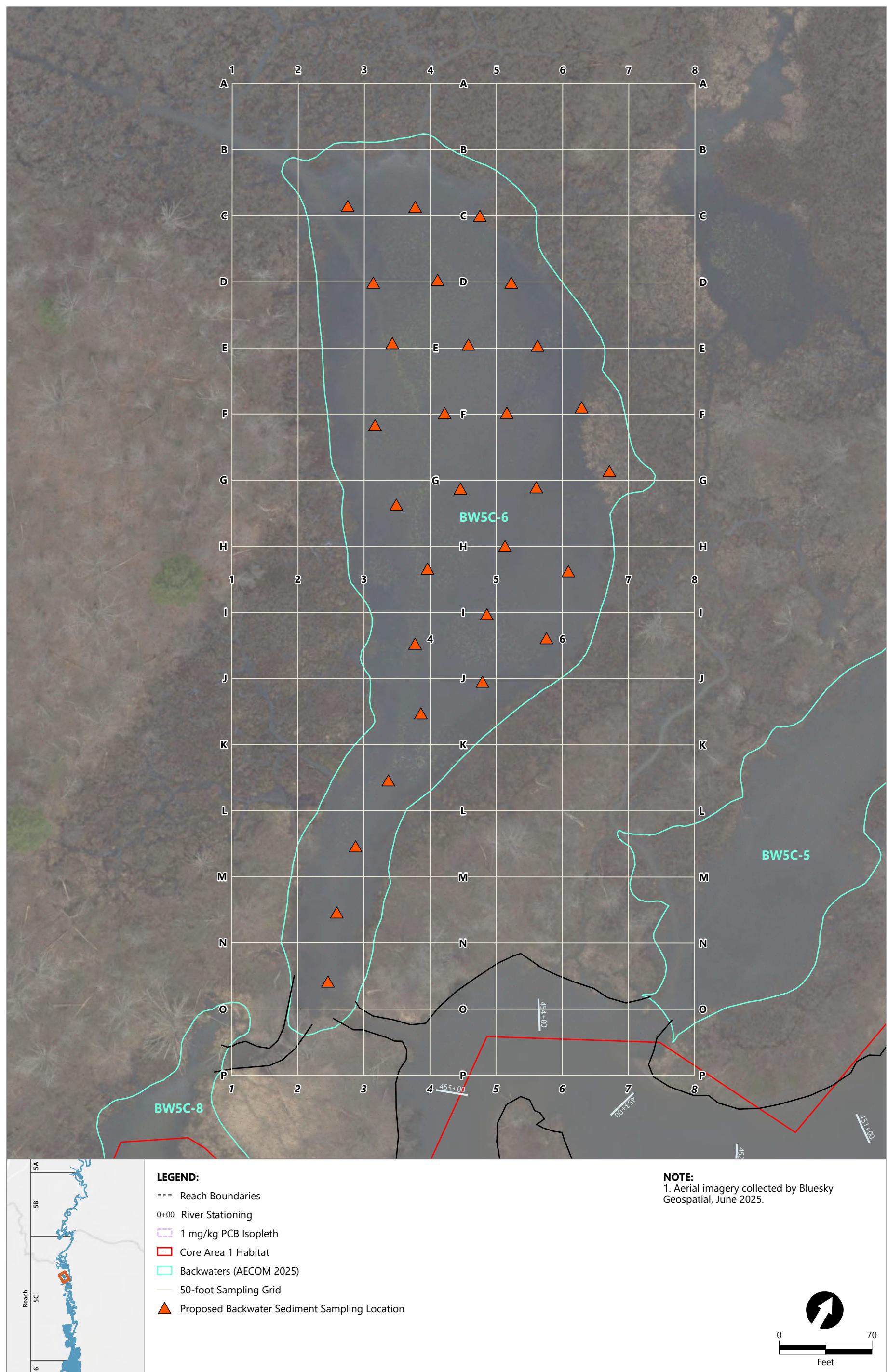
- Reach Boundaries
- 0+00 River Stationing
- 1 mg/kg PCB Isopleth
- Core Area 1 Habitat
- Backwaters (AECOM 2025)
- 50-foot Sampling Grid
- Proposed Backwater Sediment Sampling Location

**Figure 4-4d**  
**Summary of Proposed Sediment Sampling Locations in Reach 5C Backwaters**

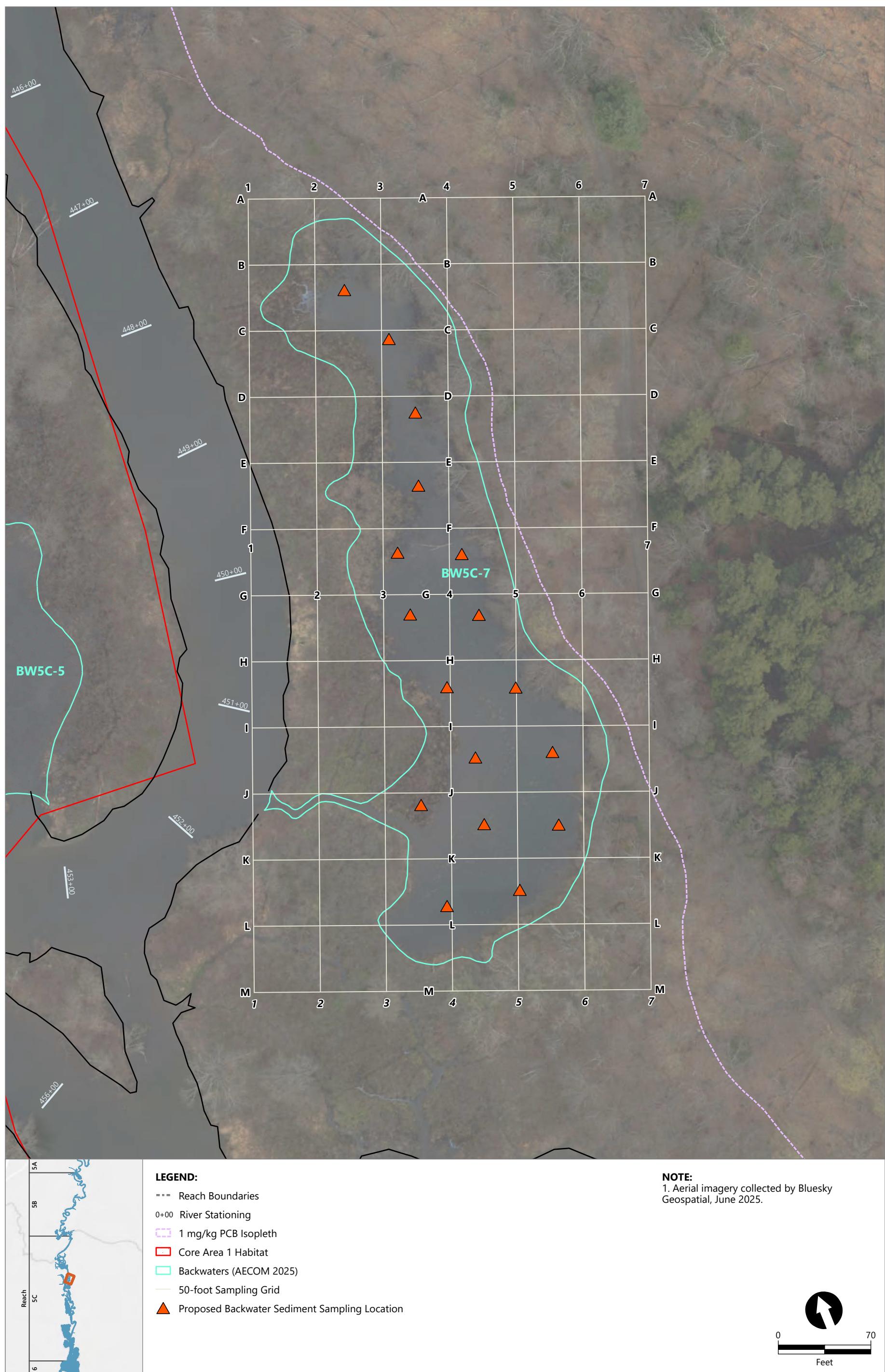
Pre-Design Investigation Work Plan for Reaches 5B and 5C  
Housatonic River – Rest of River



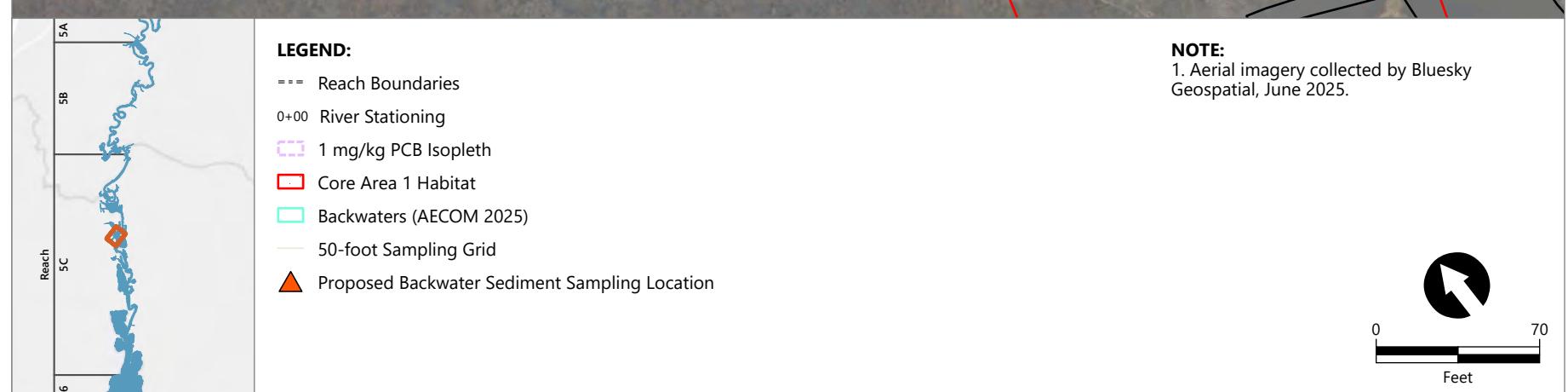
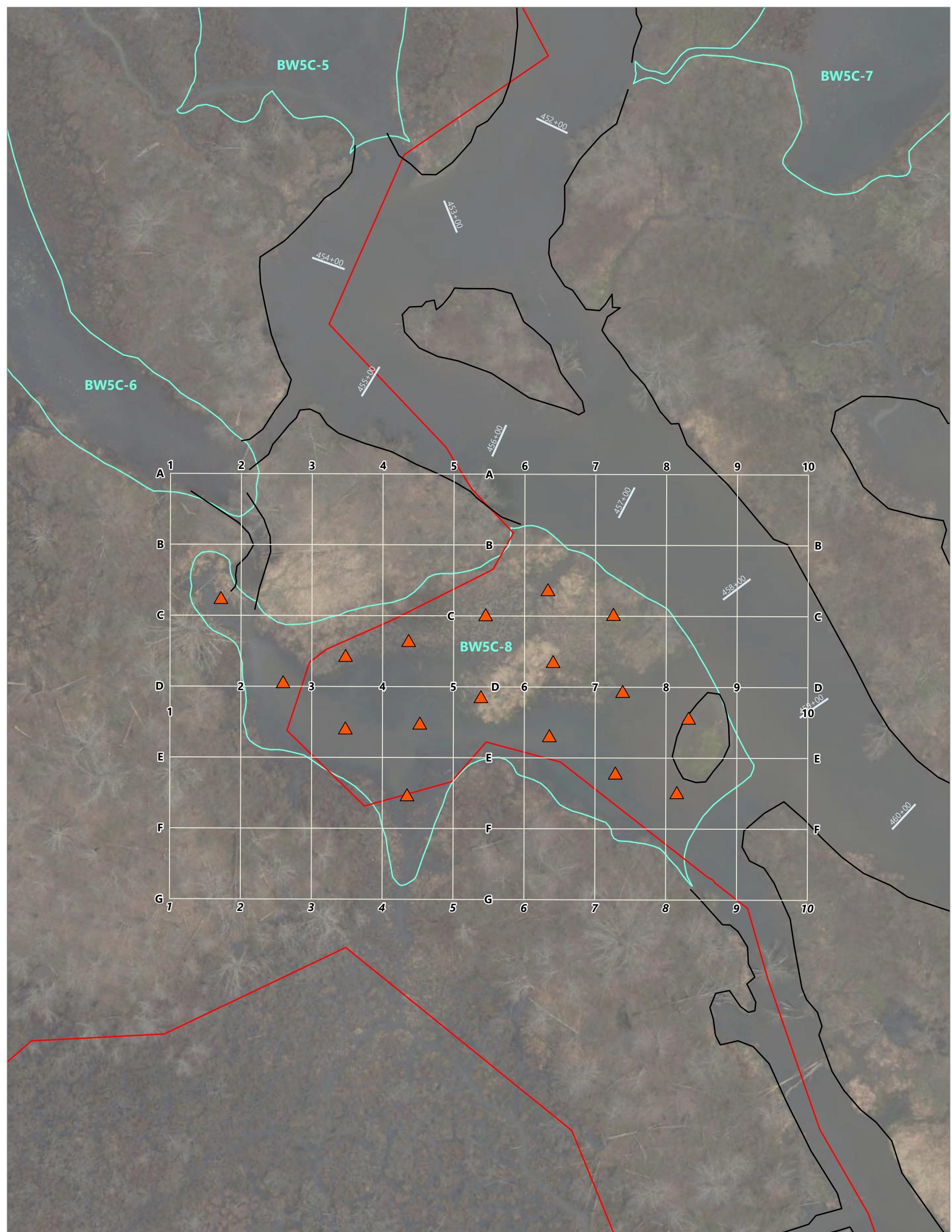
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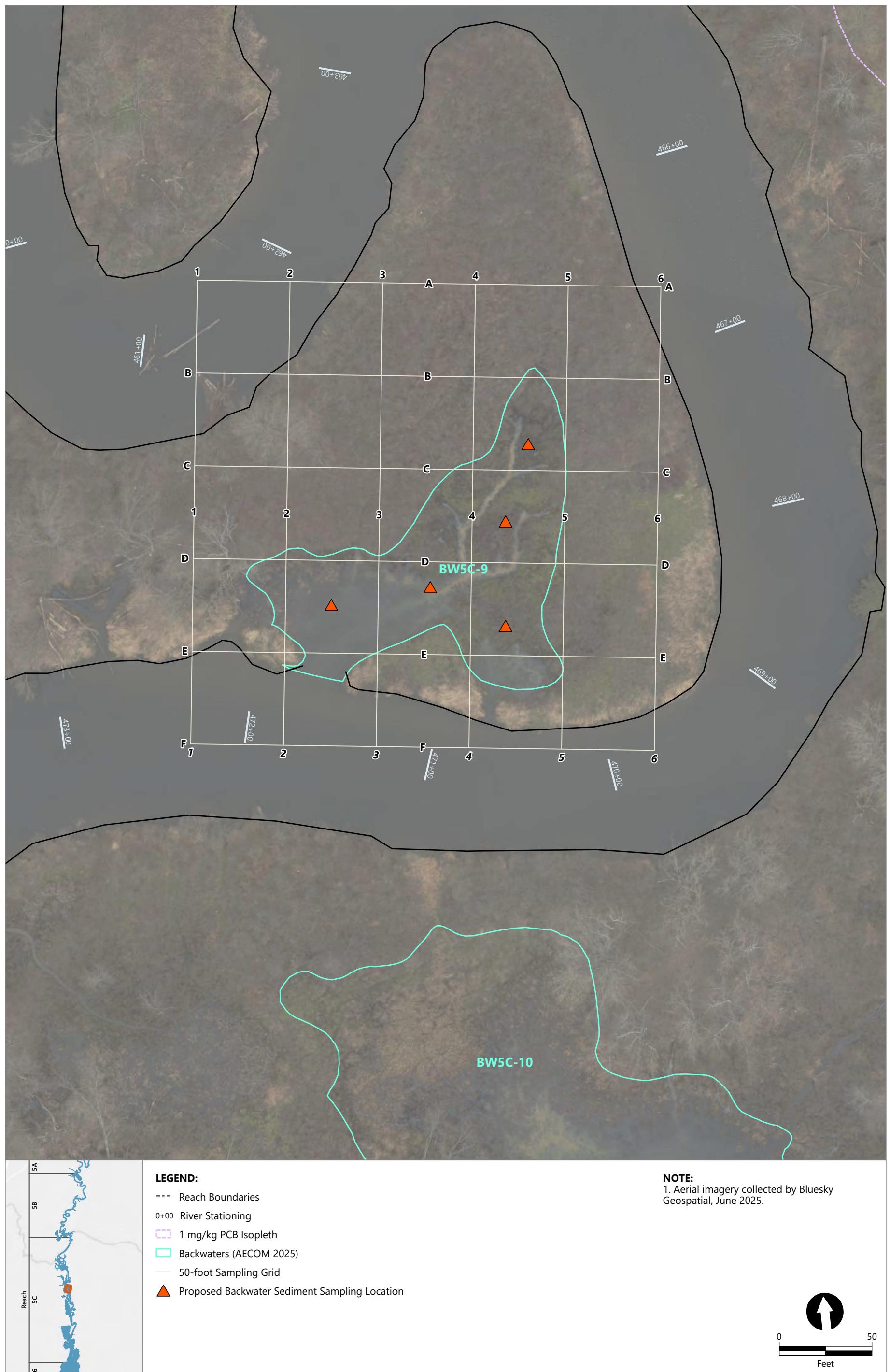
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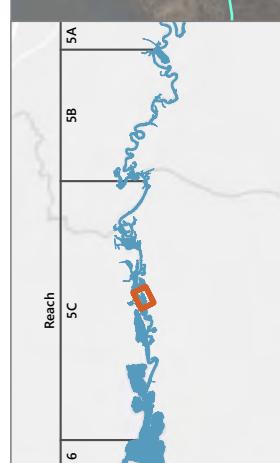
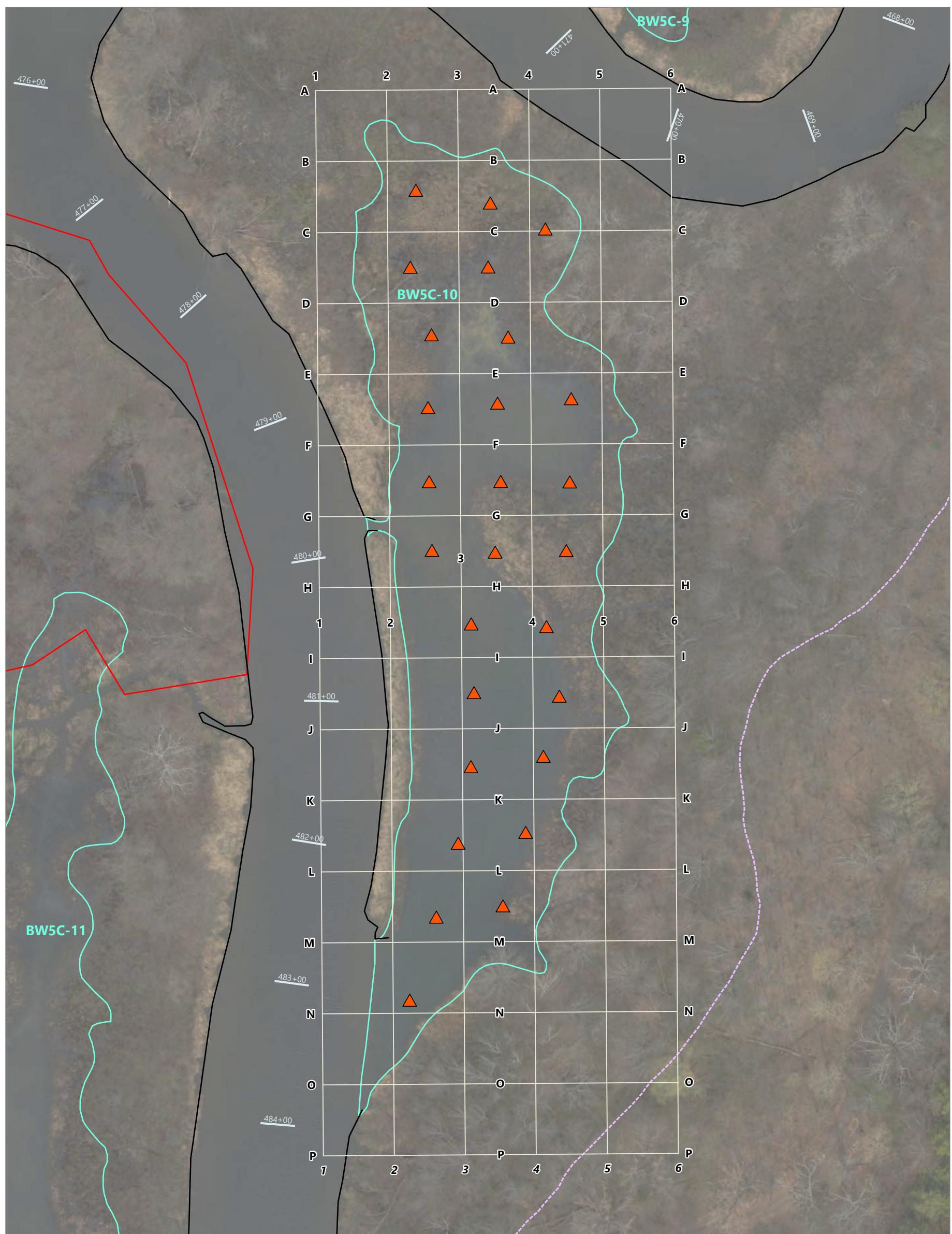


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**Figure 4-4i**  
**Summary of Proposed Sediment Sampling Locations in Reach 5C Backwaters**

Pre-Design Investigation Work Plan for Reaches 5B and 5C  
 Housatonic River – Rest of River

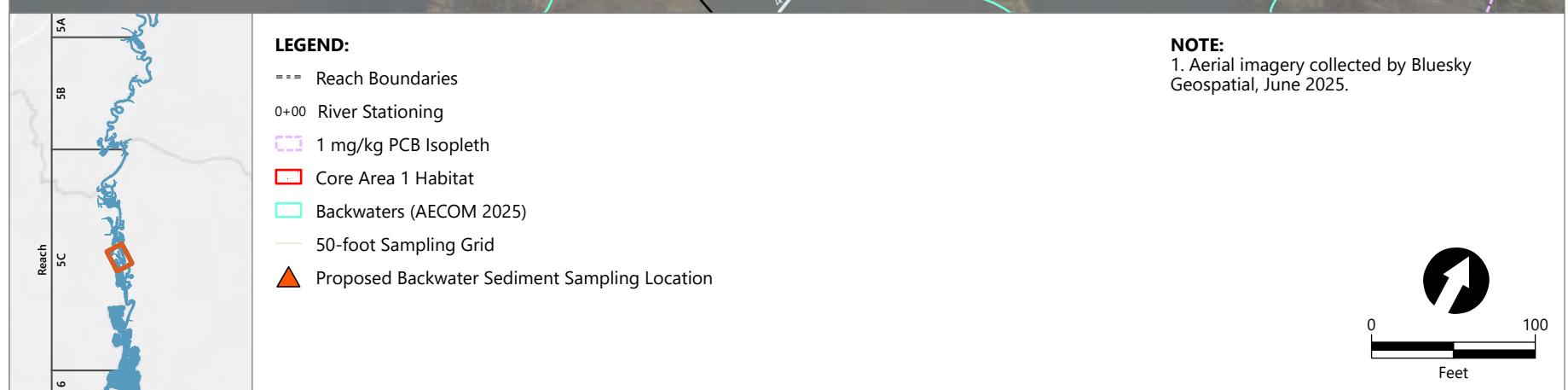
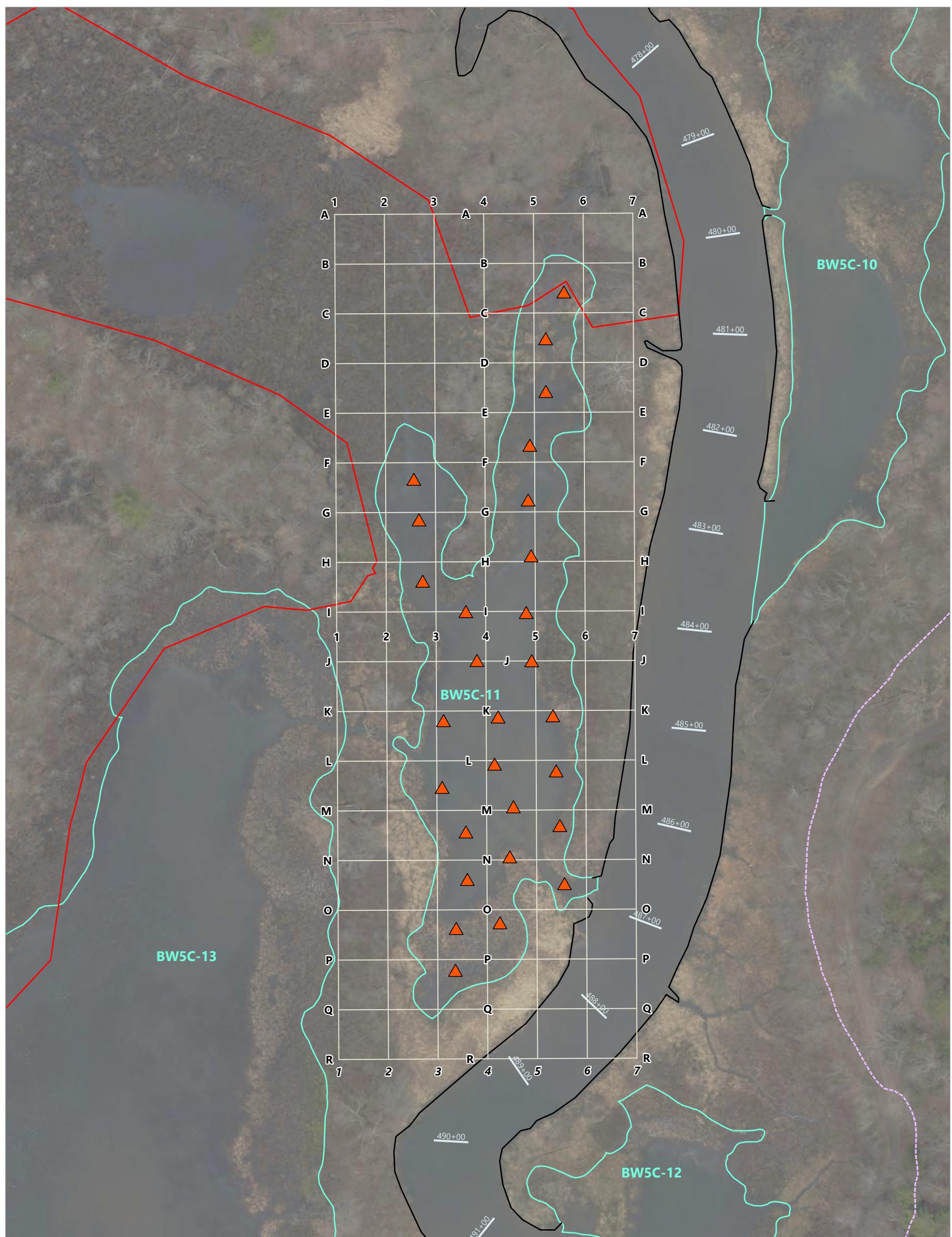


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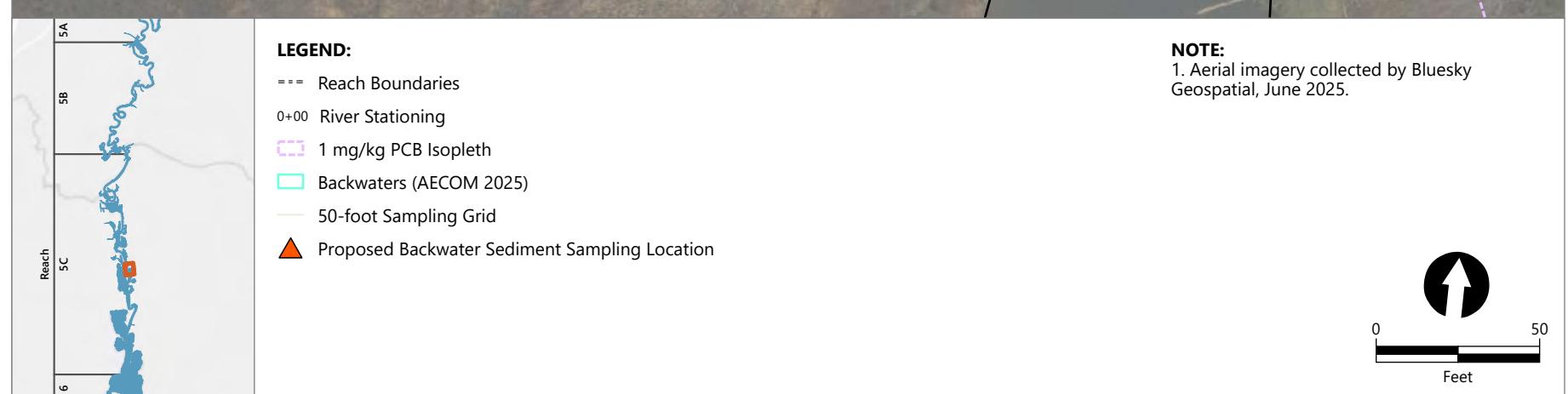
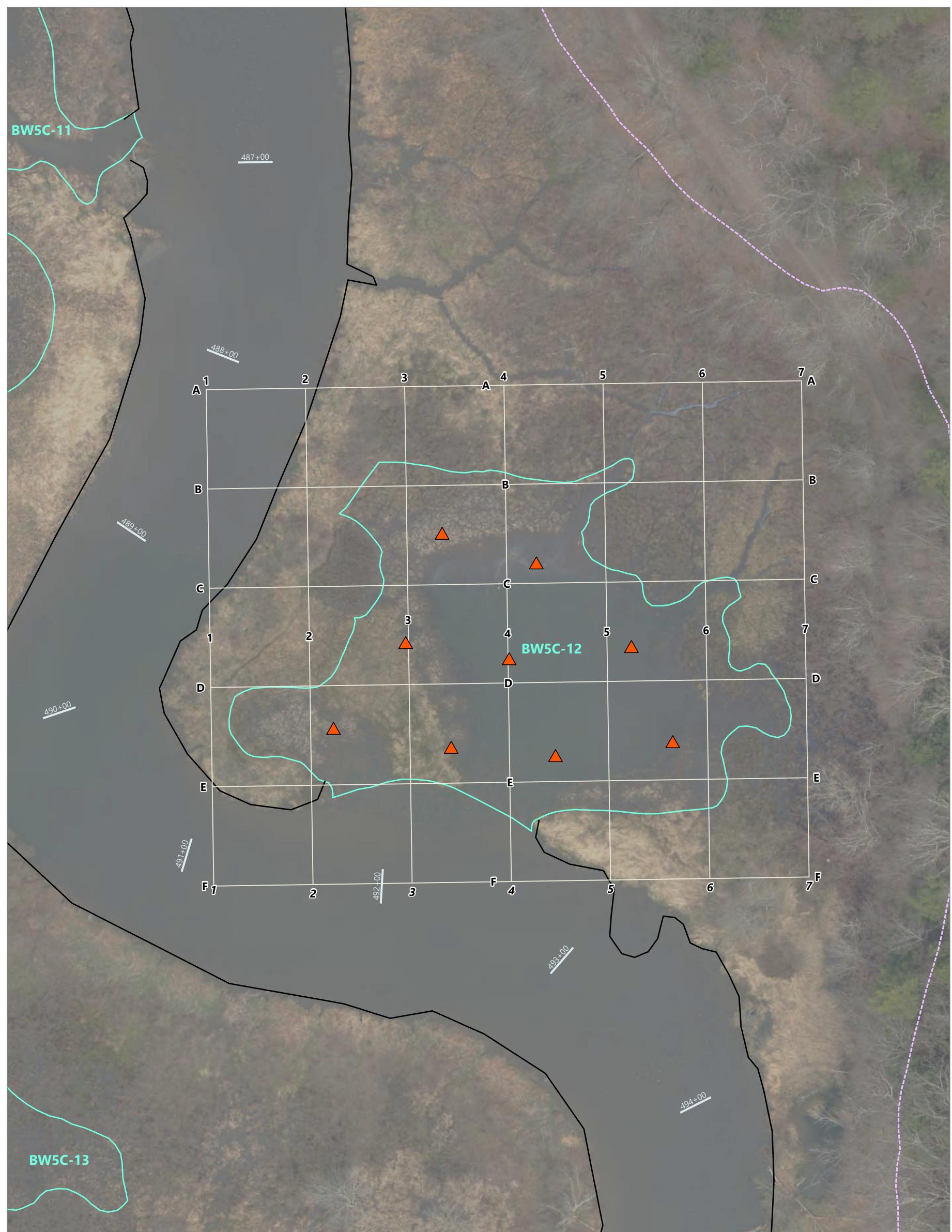


**Figure 4-4j**  
**Summary of Proposed Sediment Sampling Locations in Reach 5C Backwaters**

Pre-Design Investigation Work Plan for Reaches 5B and 5C  
 Housatonic River – Rest of River



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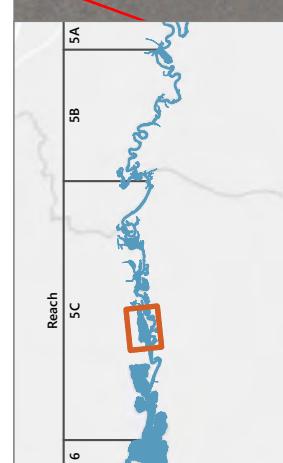


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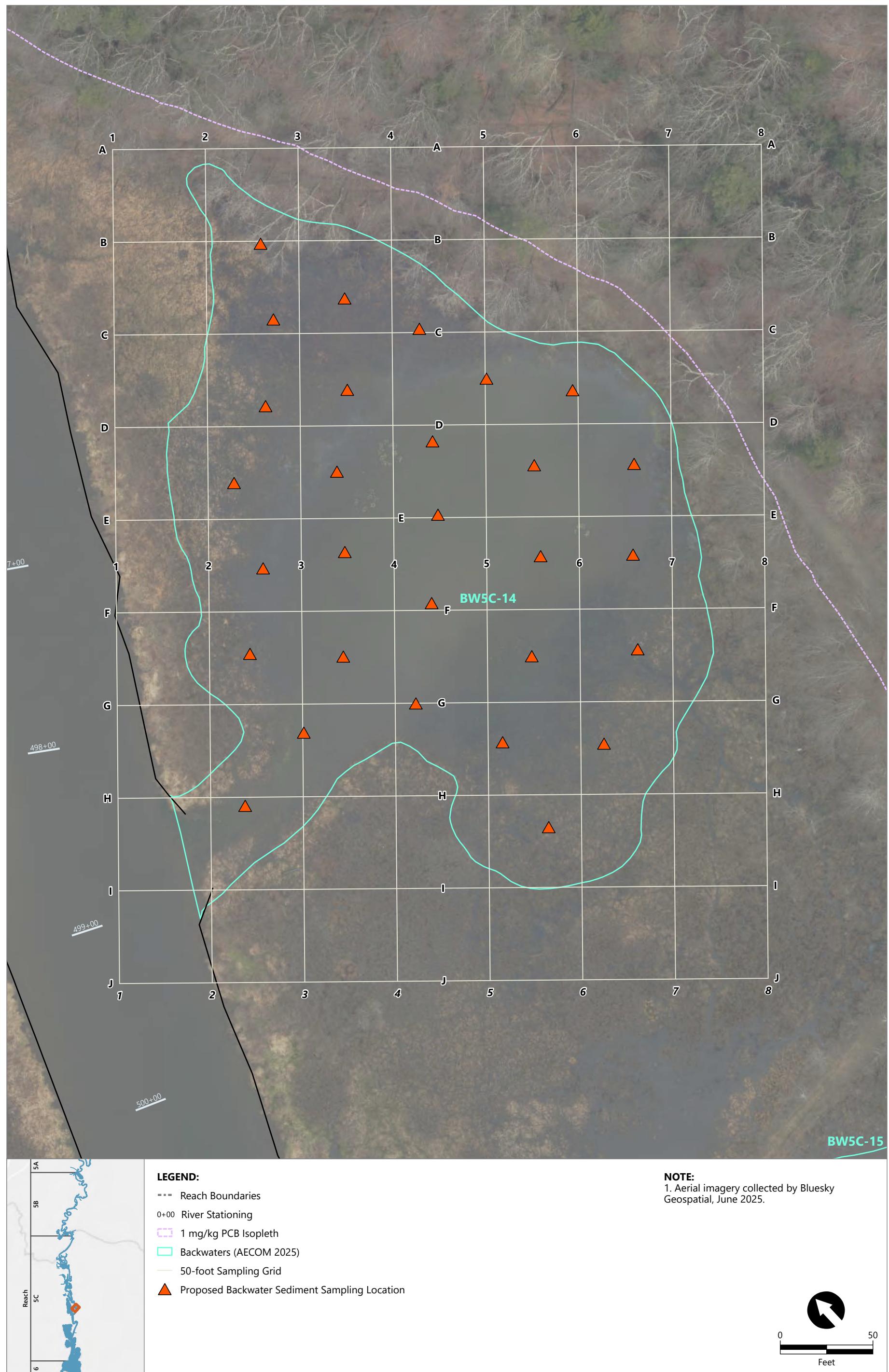


**Figure 4-41**  
**Summary of Proposed Sediment Sampling Locations in Reach 5C Backwaters**

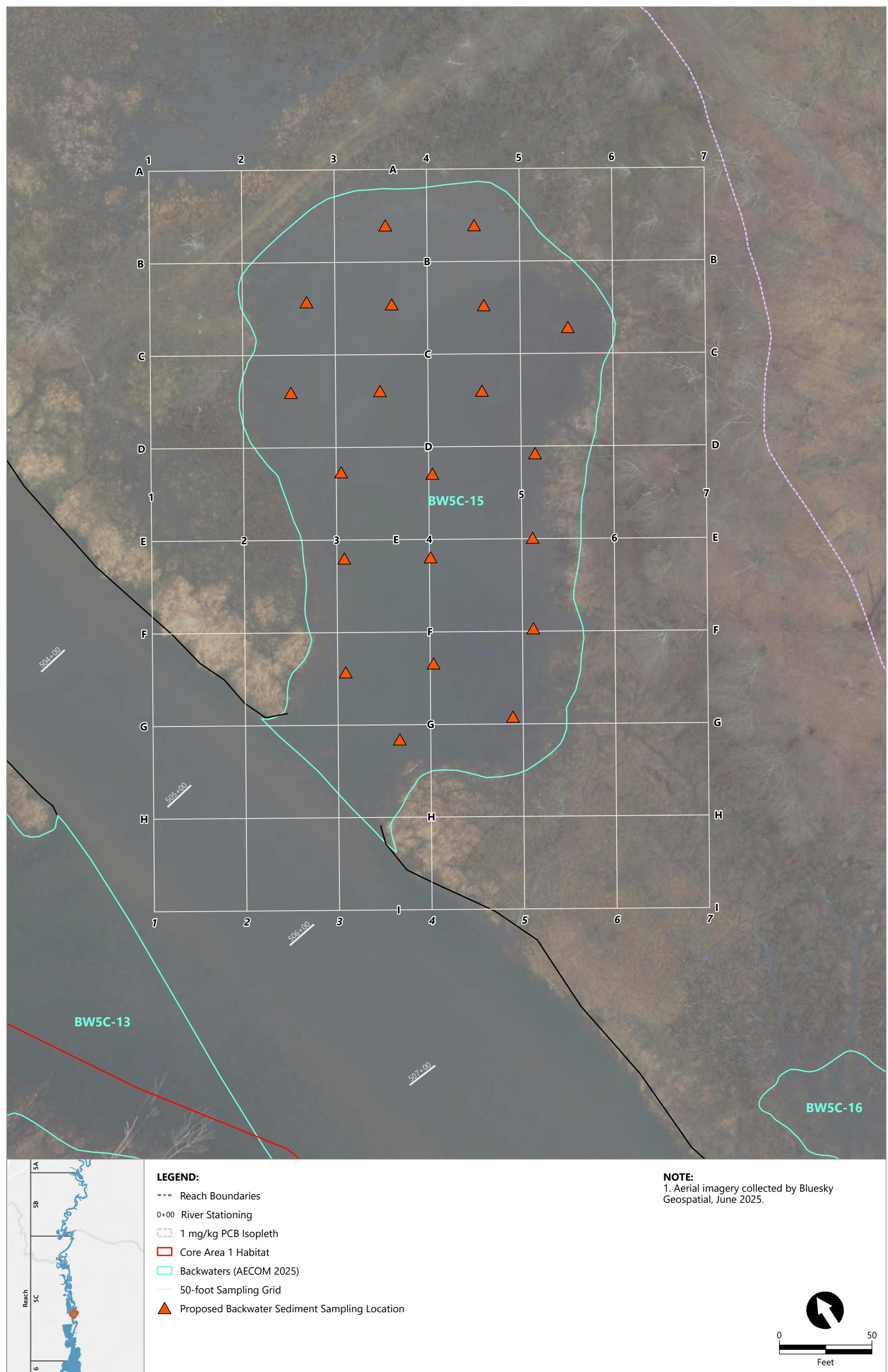
Pre-Design Investigation Work Plan for Reaches 5B and 5C  
Housatonic River – Rest of River



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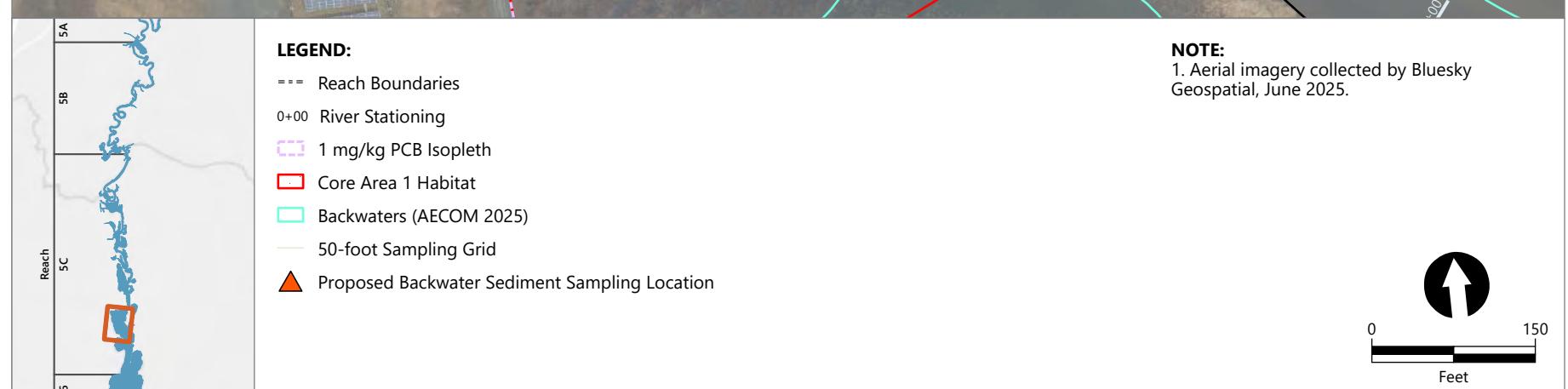
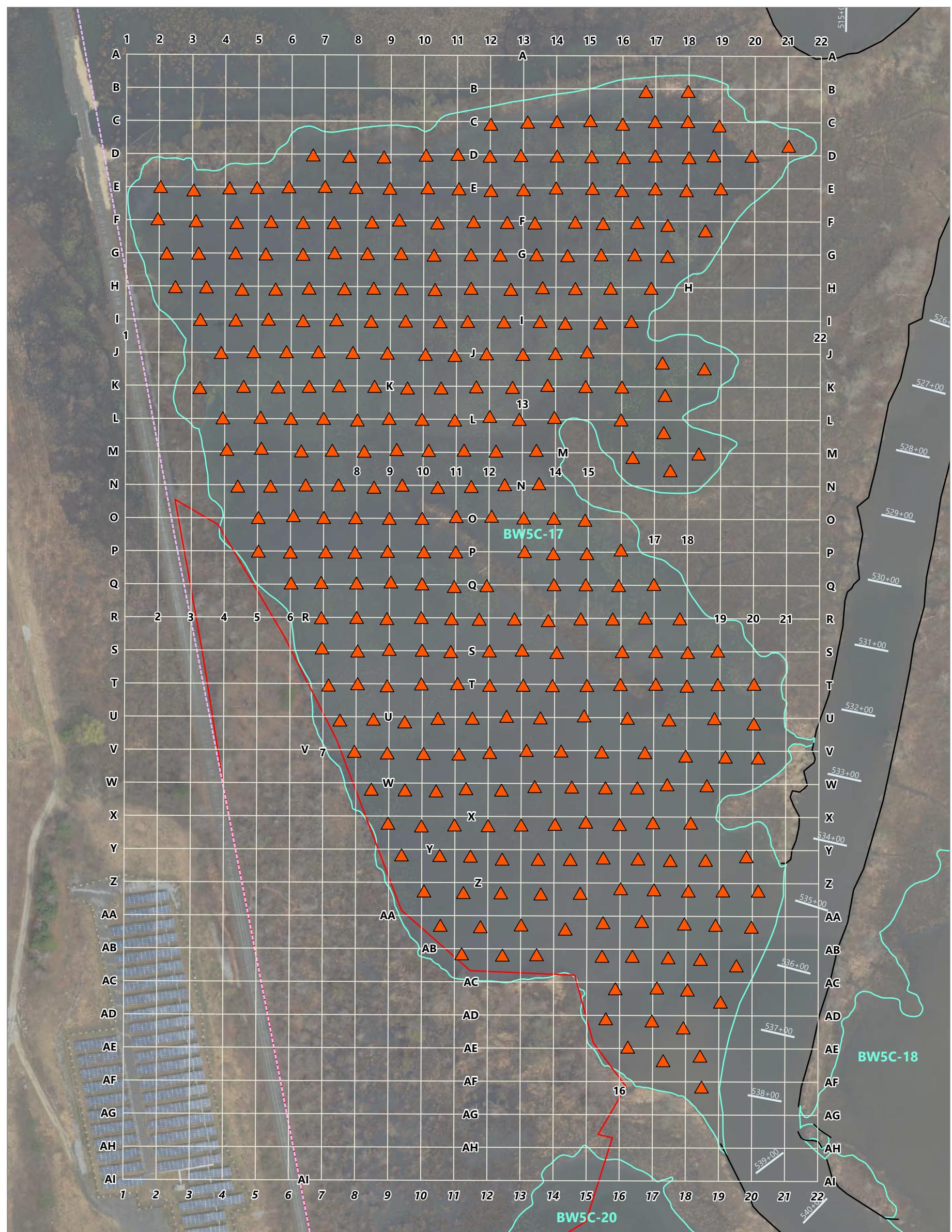
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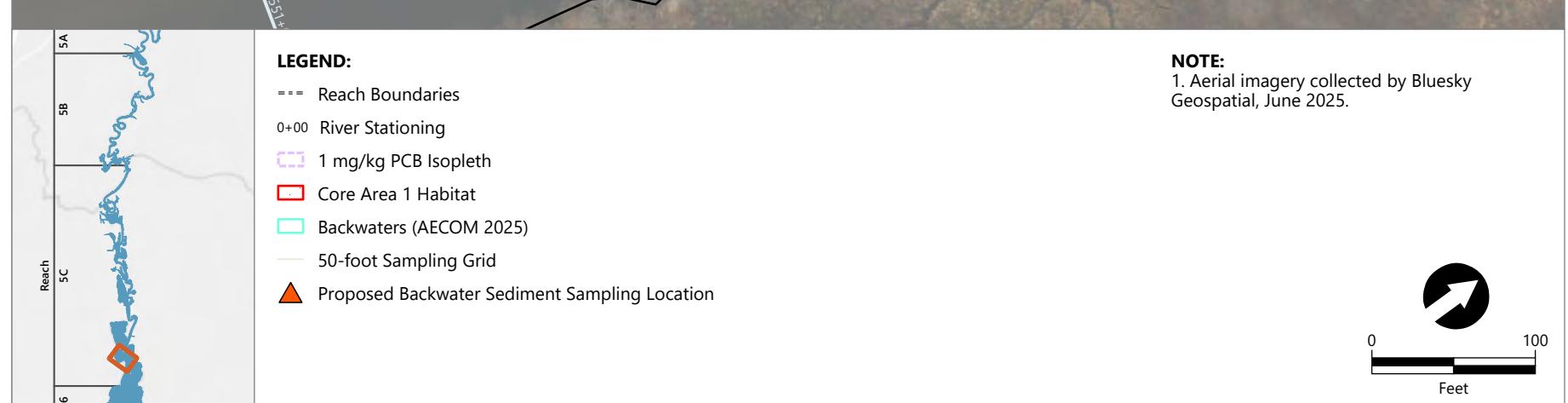
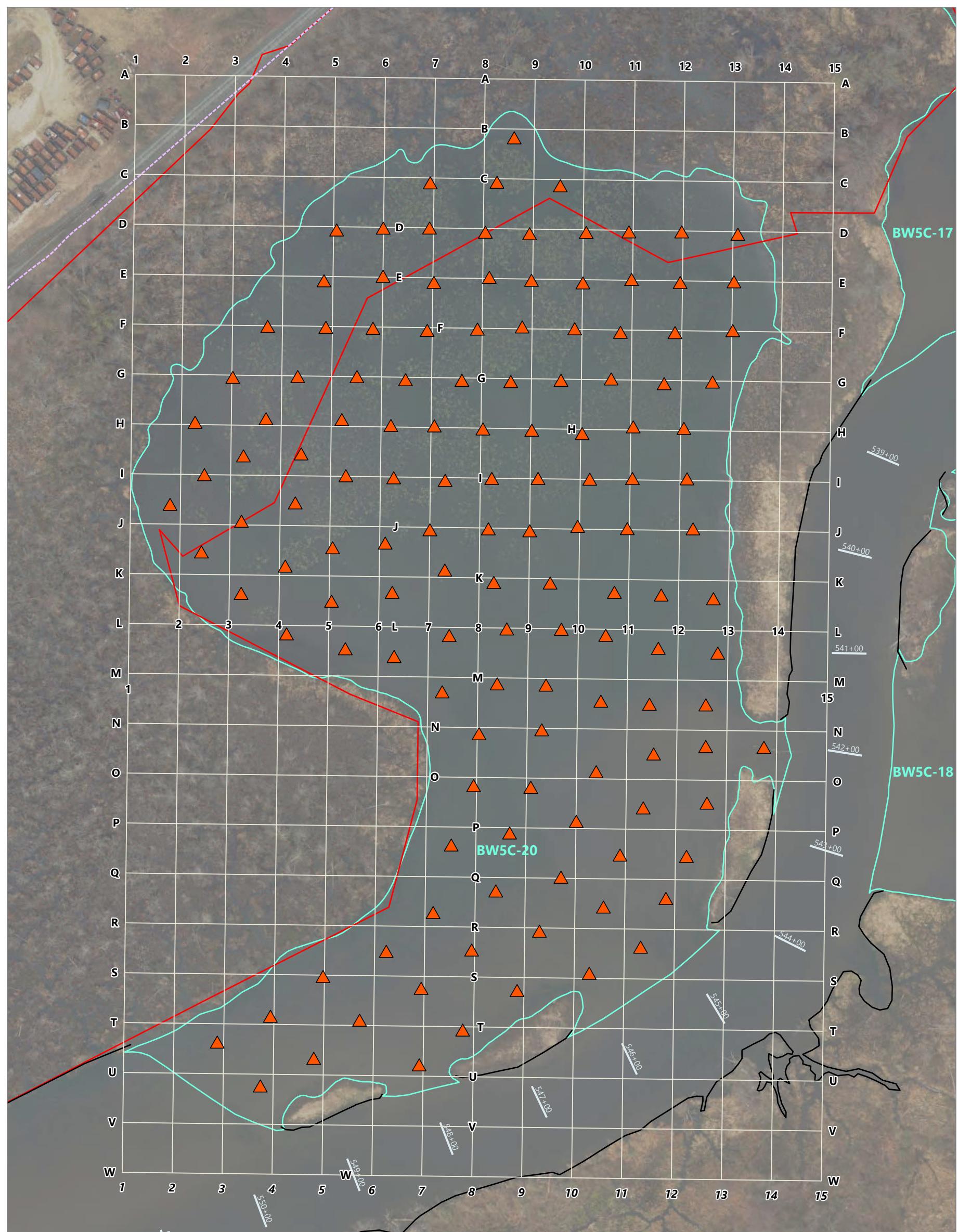
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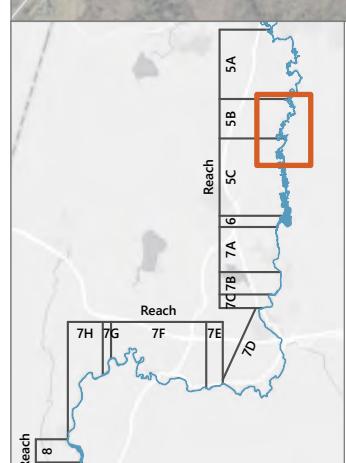
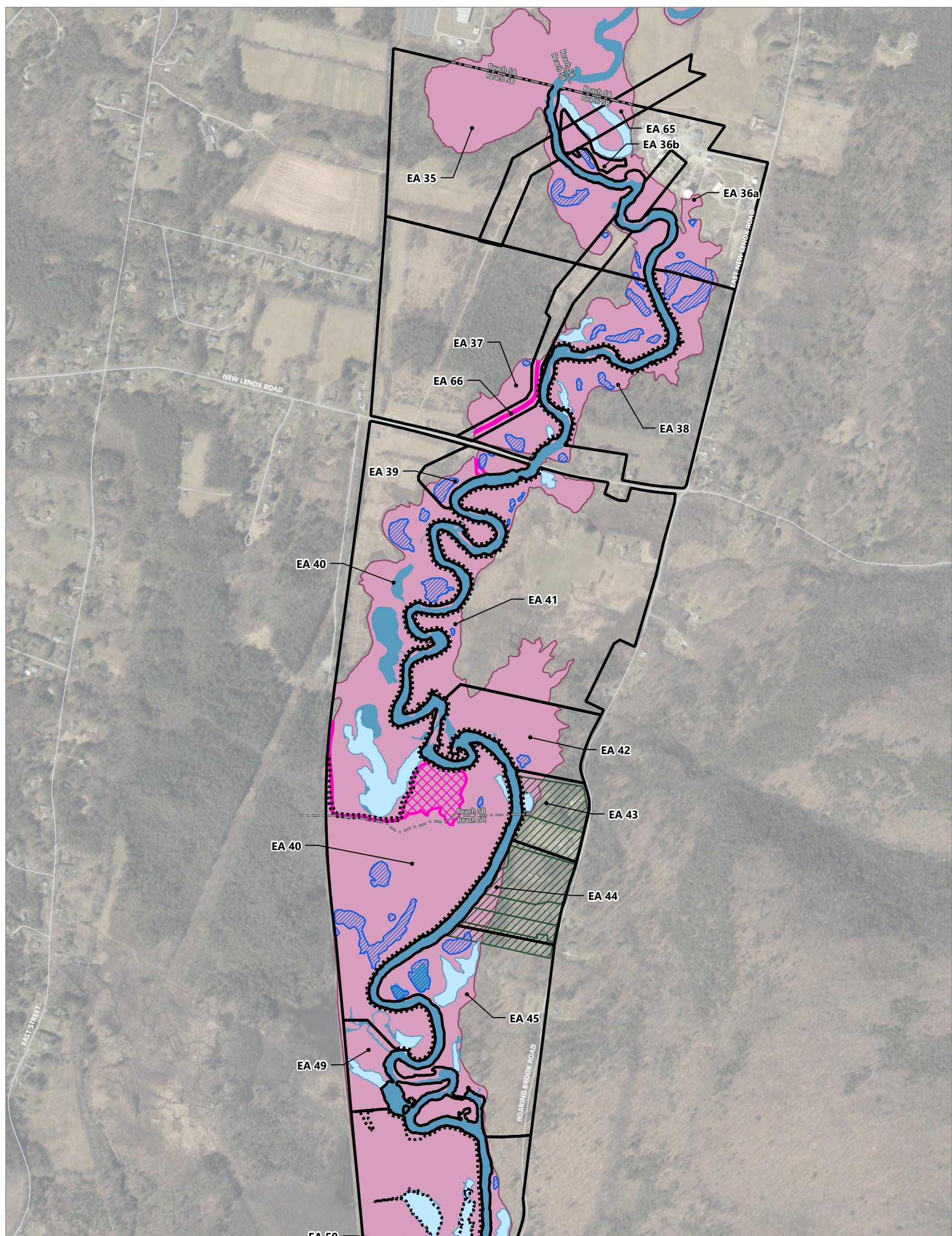
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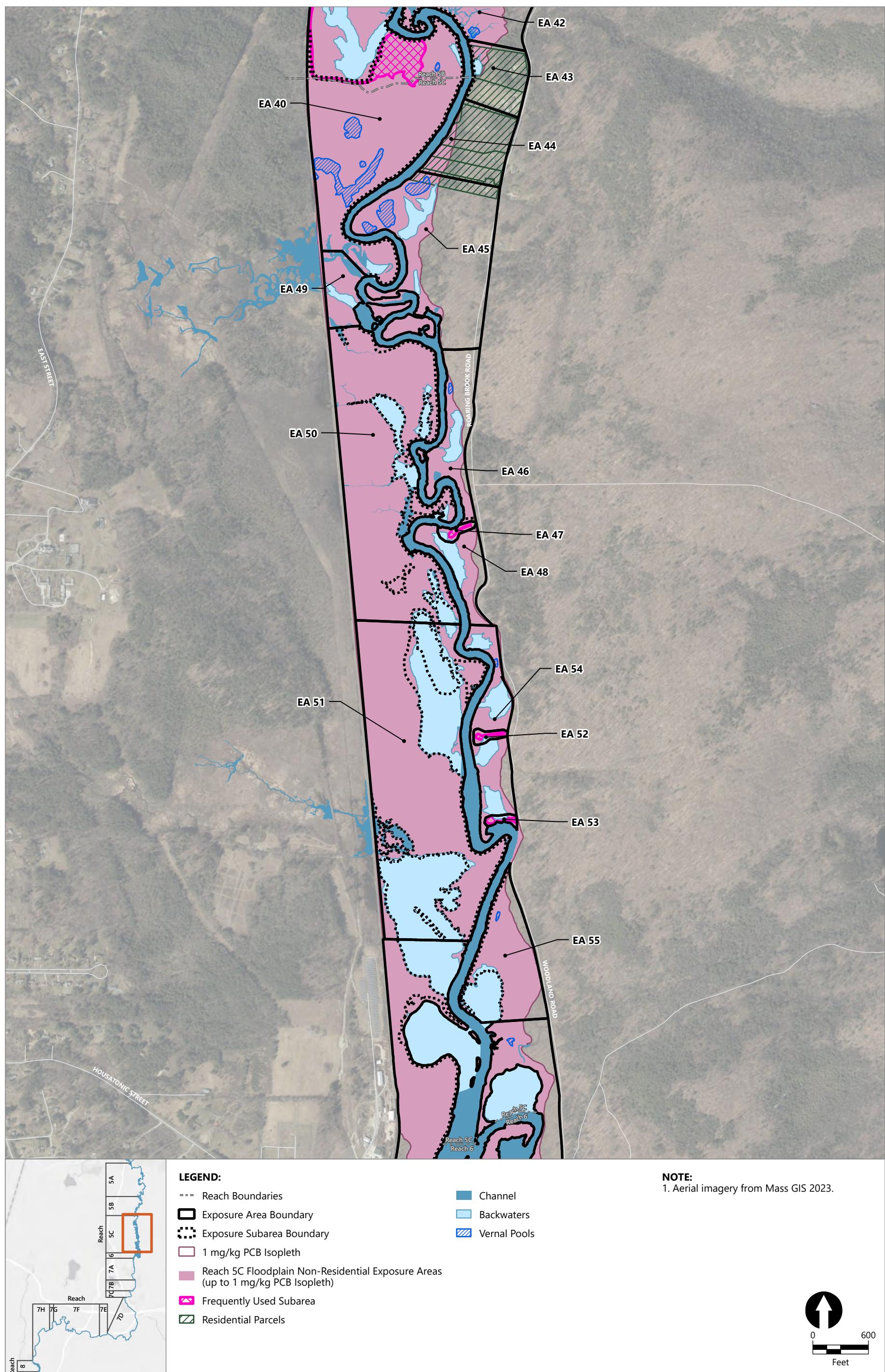


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**Figure 4-5**  
**Exposure Areas, Subareas, and Frequently Used Subareas in Reach 5B**

Pre-Design Investigation Work Plan for Reaches 5B and 5C  
 Housatonic River – Rest of River

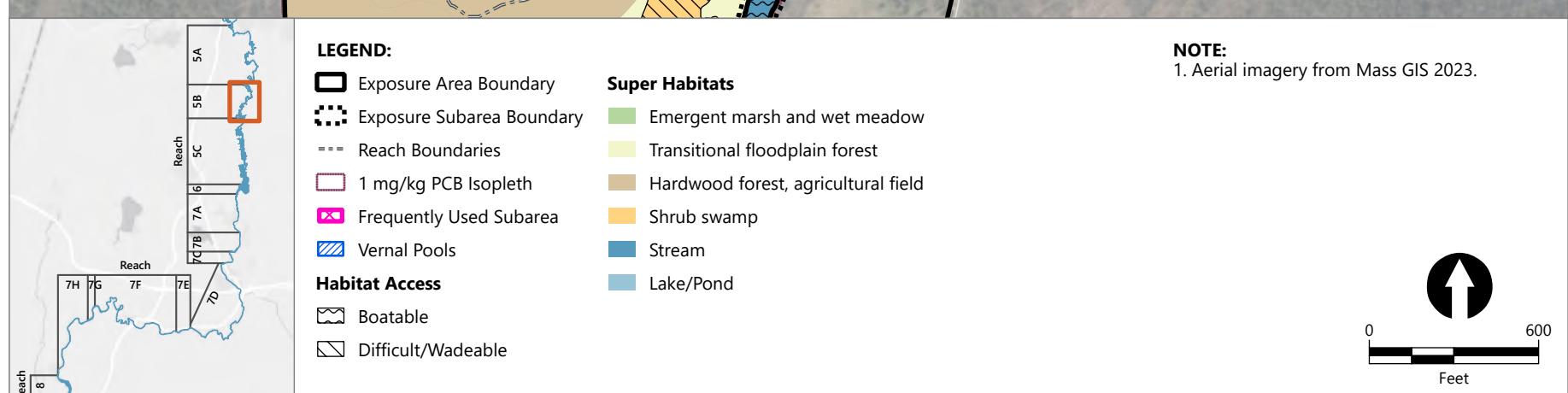
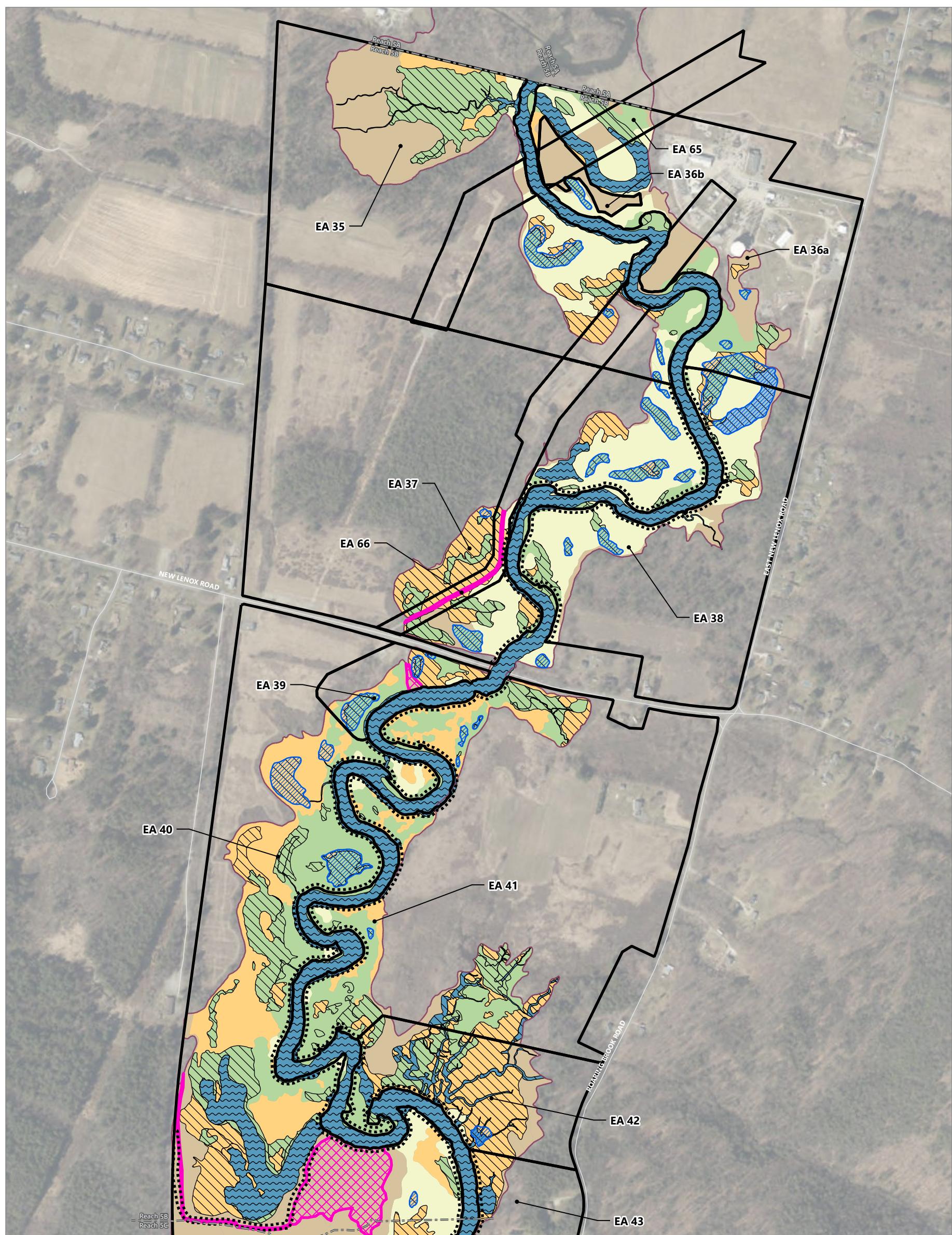


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## Figure 4-6 Exposure Areas, Subareas, and Frequently Used Subareas in Reach 5C

## Pre-Design Investigation Work Plan for Reaches 5B and 5C Housatonic River – Rest of River





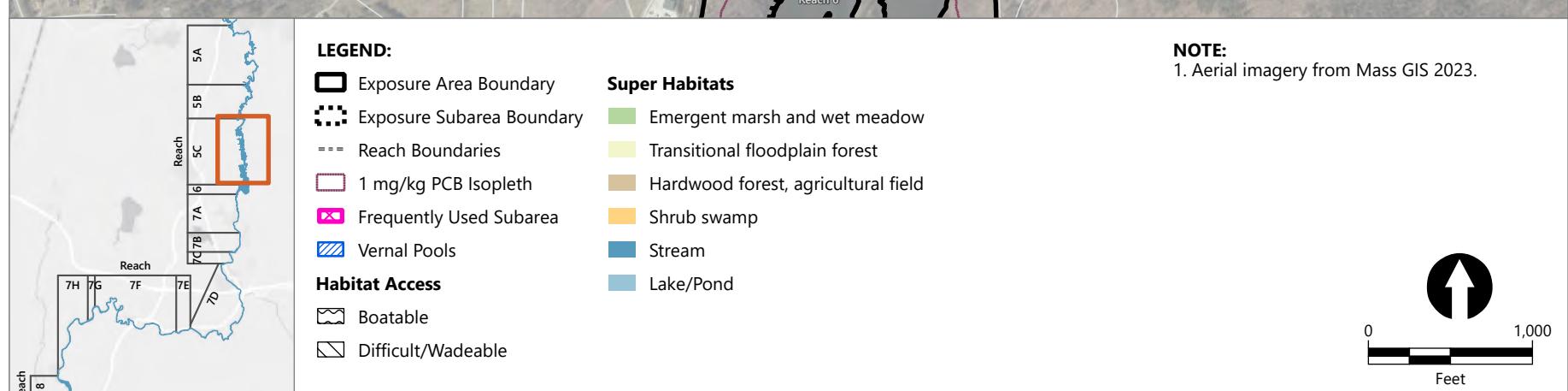
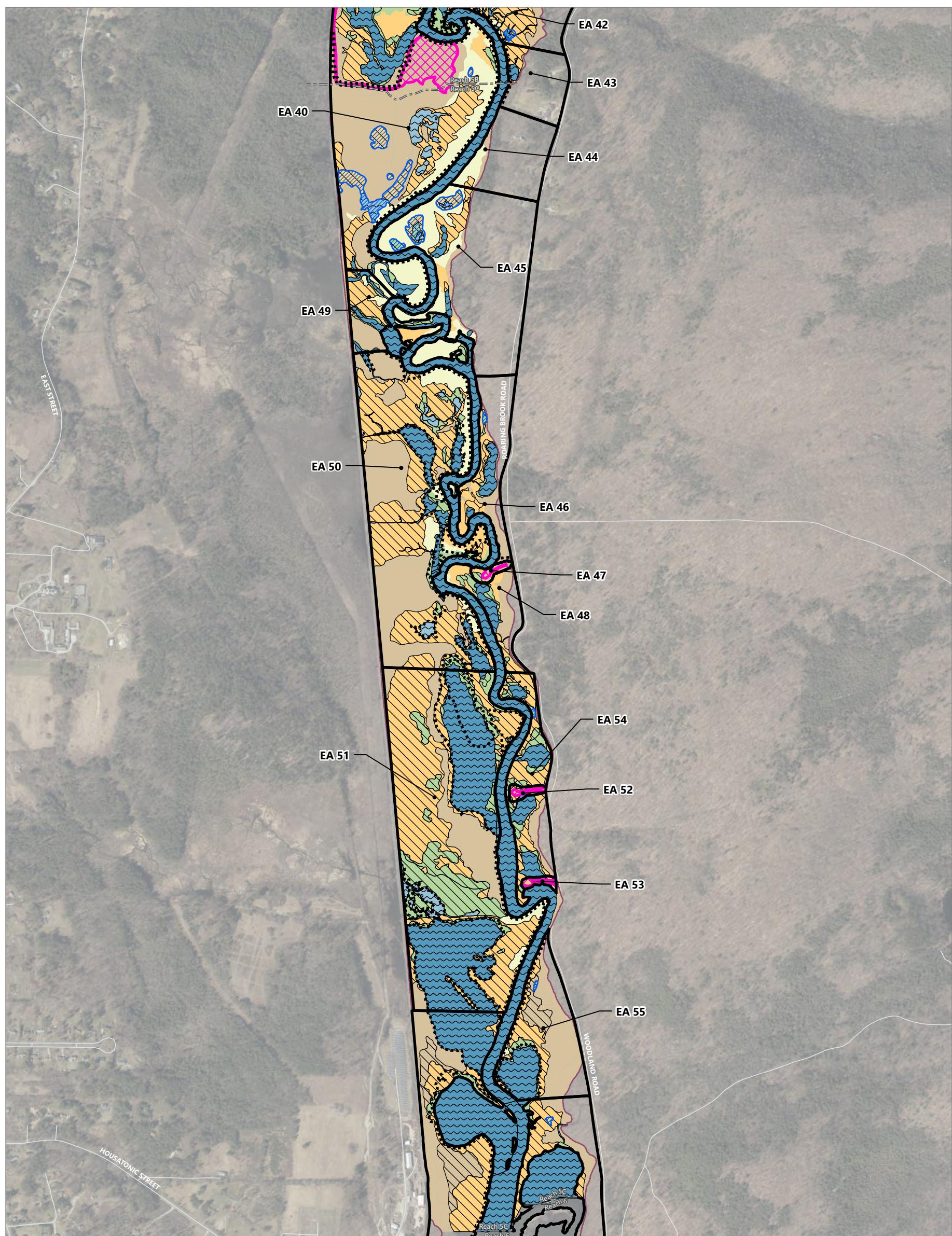
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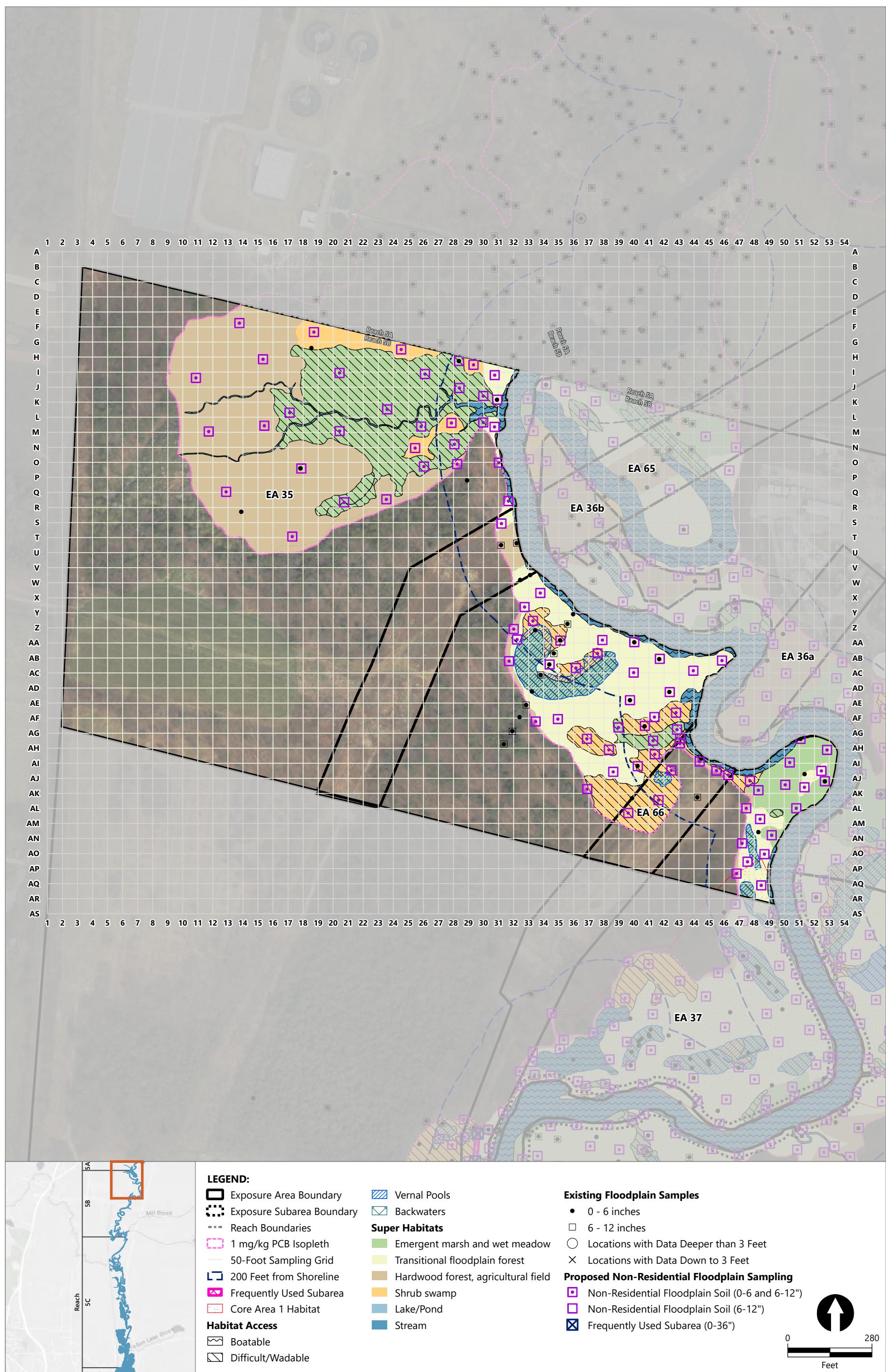
**Figure 4-7**  
**Reach 5B Exposure Areas and Habitat Information**

## Pre-Design Investigation Work Plan for Reaches 5B and 5C Housatonic River – Rest of River

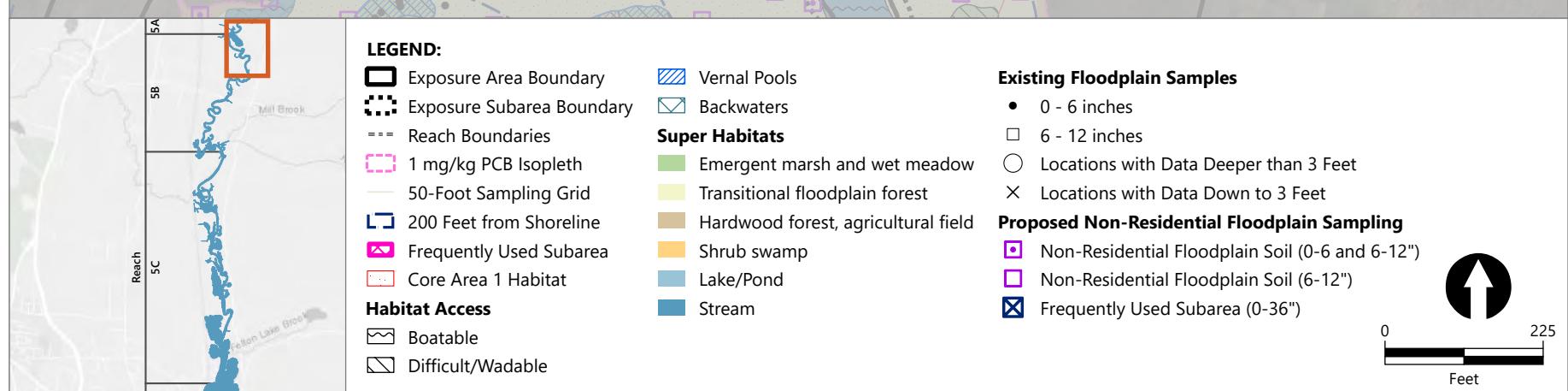
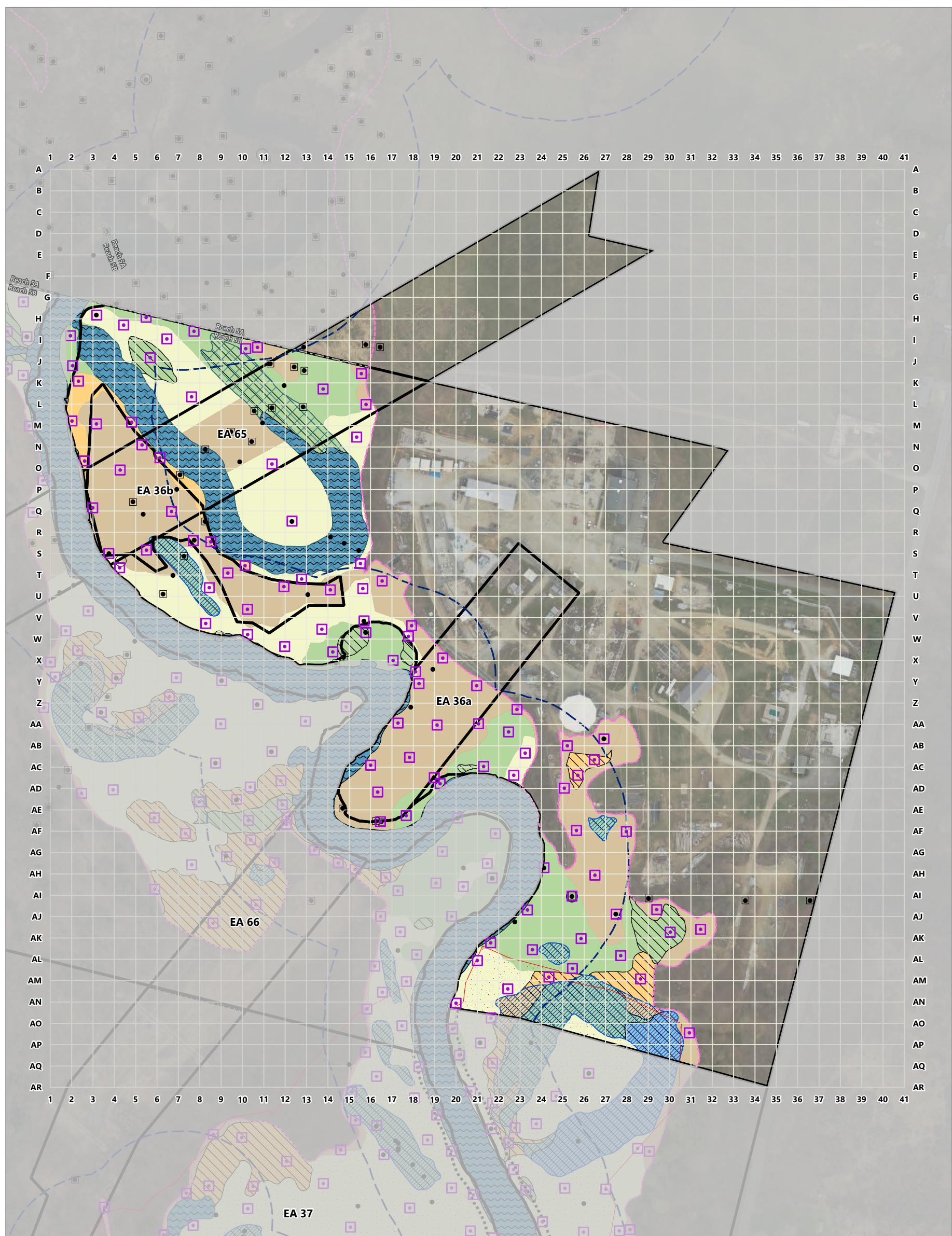




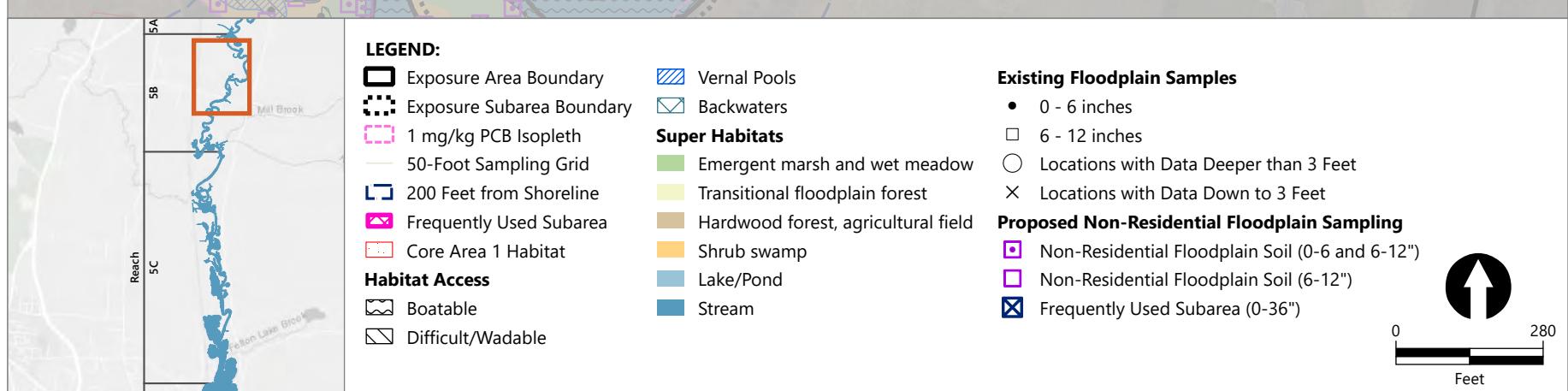
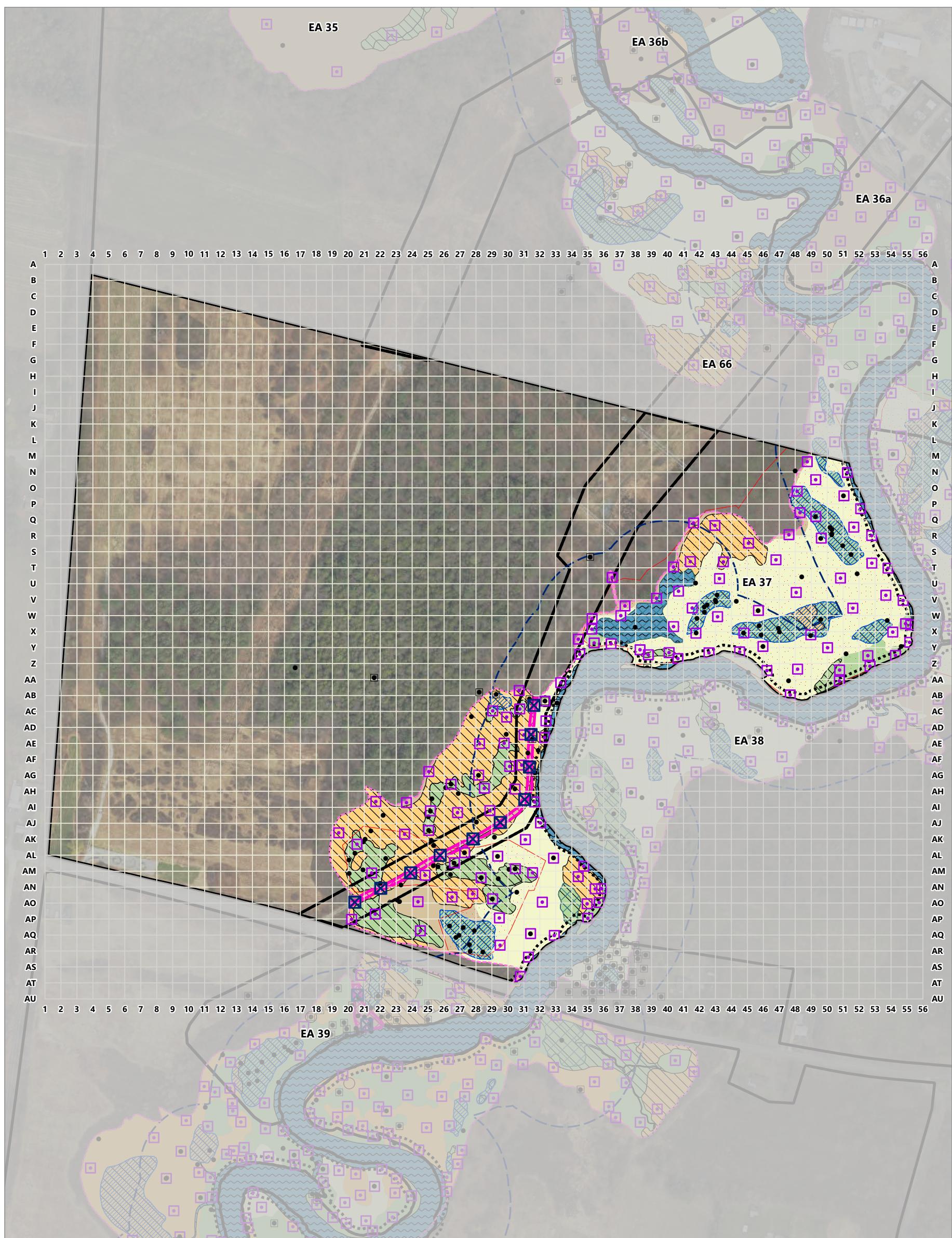
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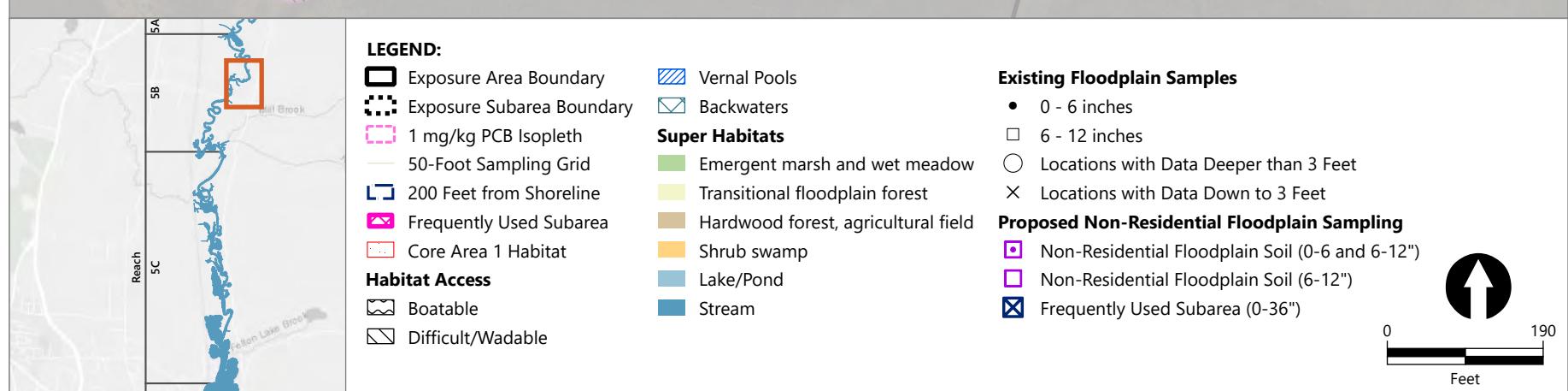
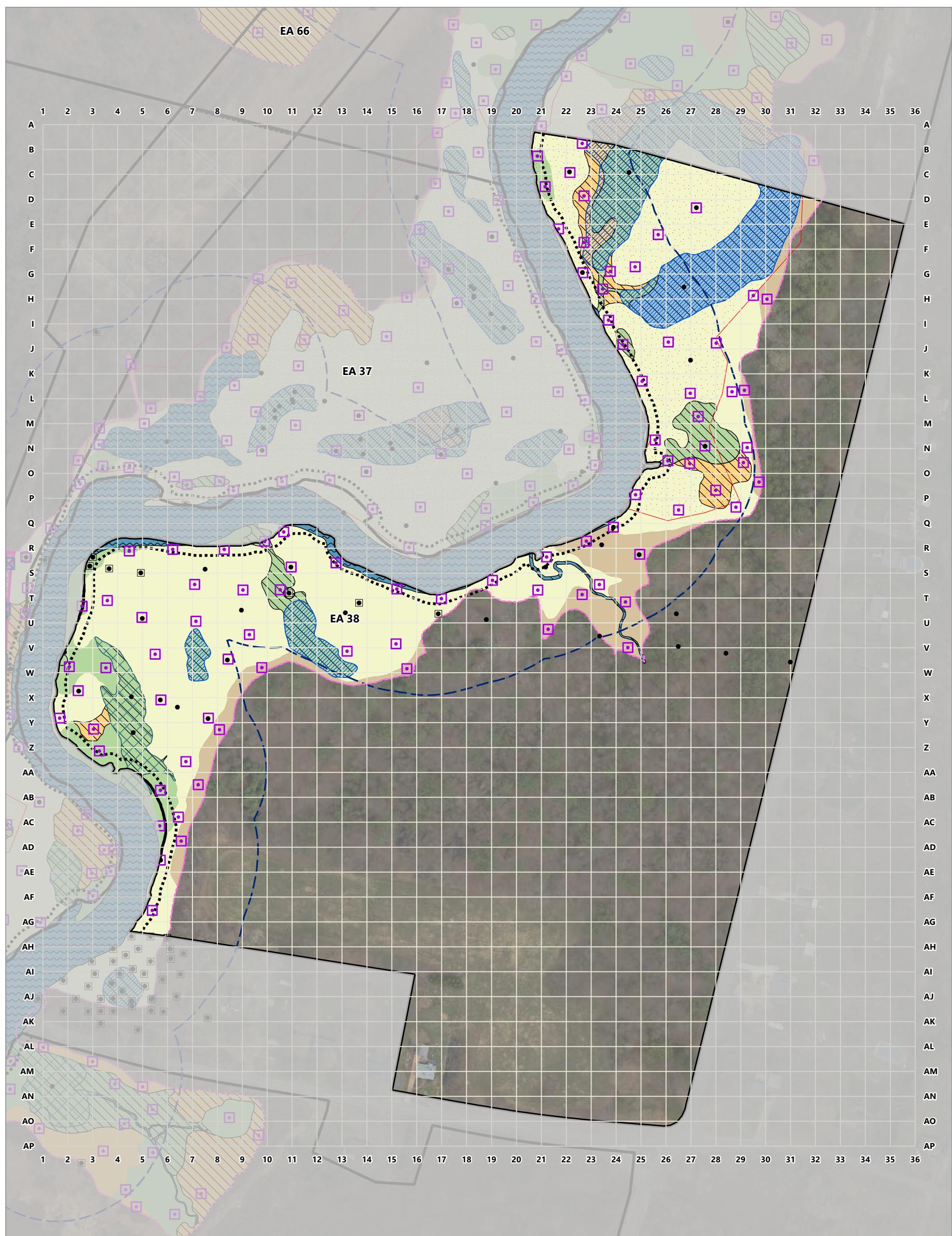
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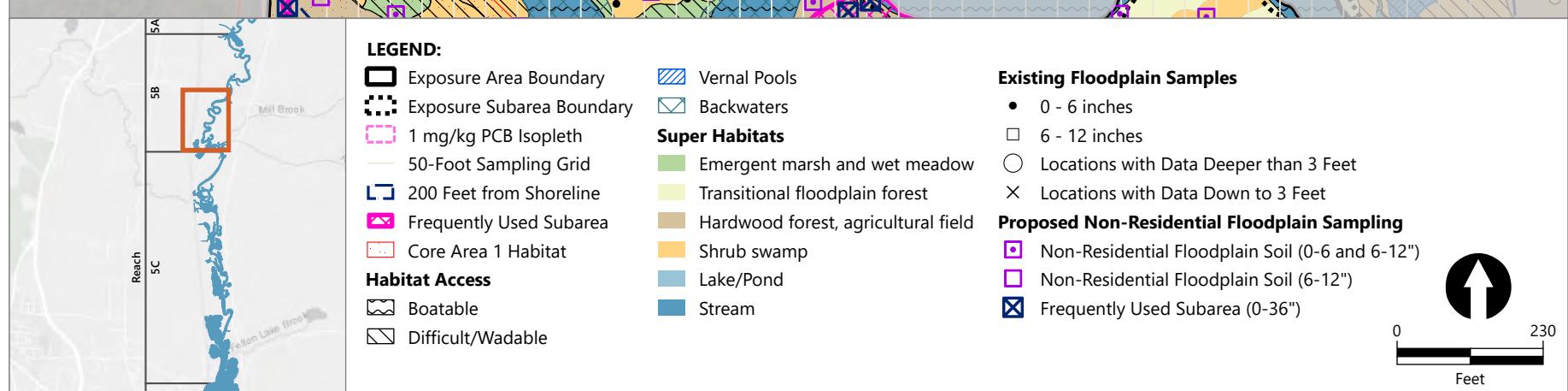
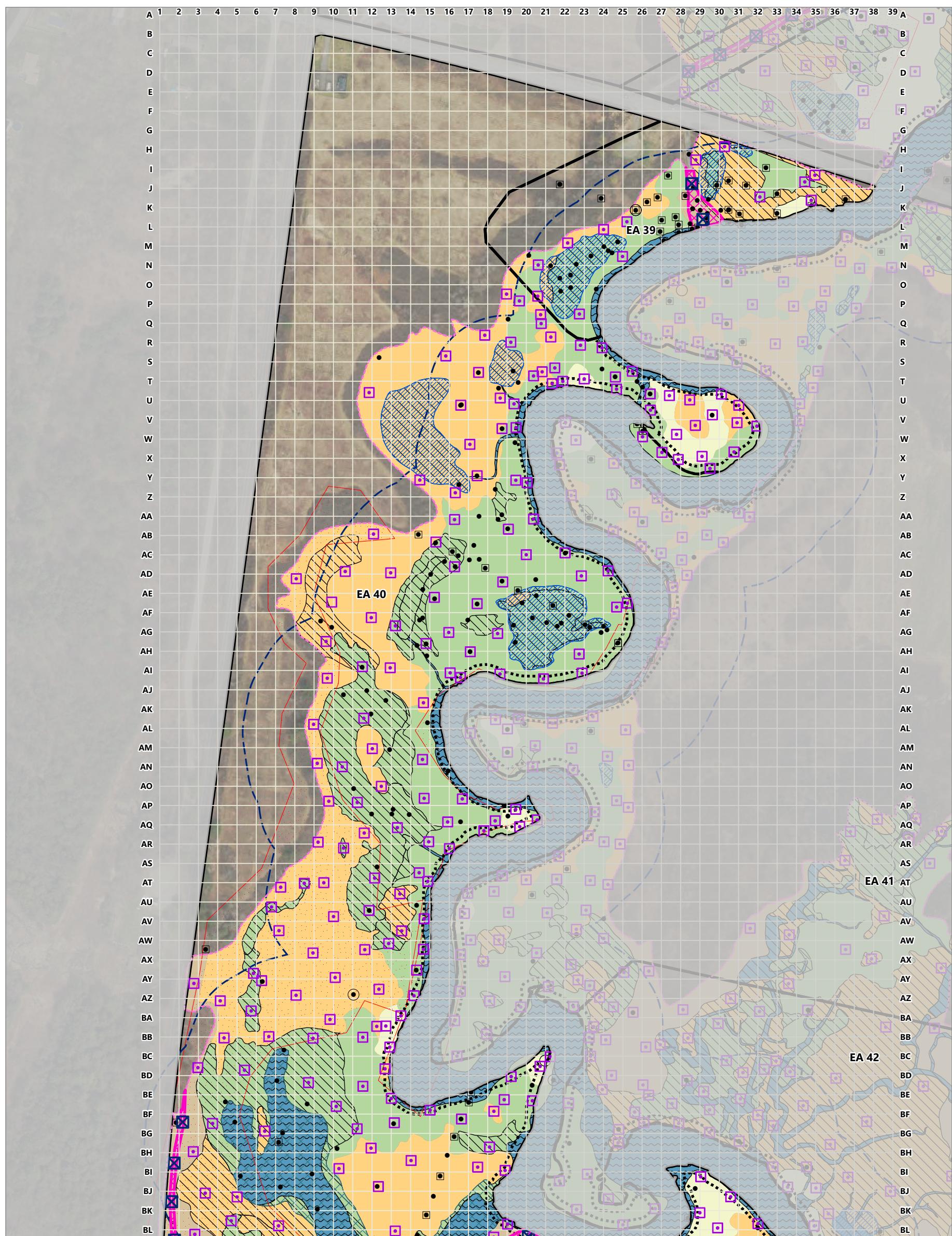
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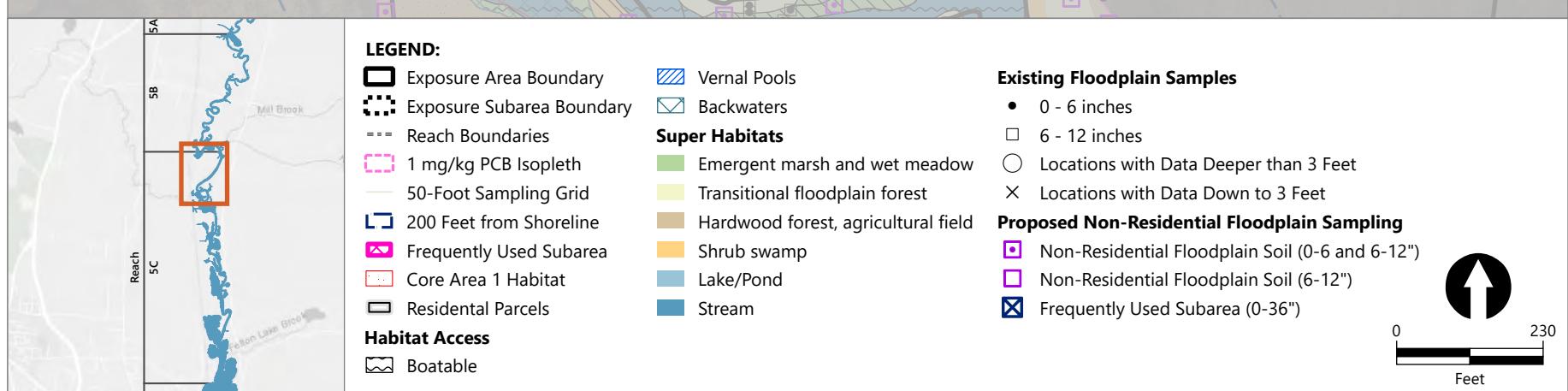
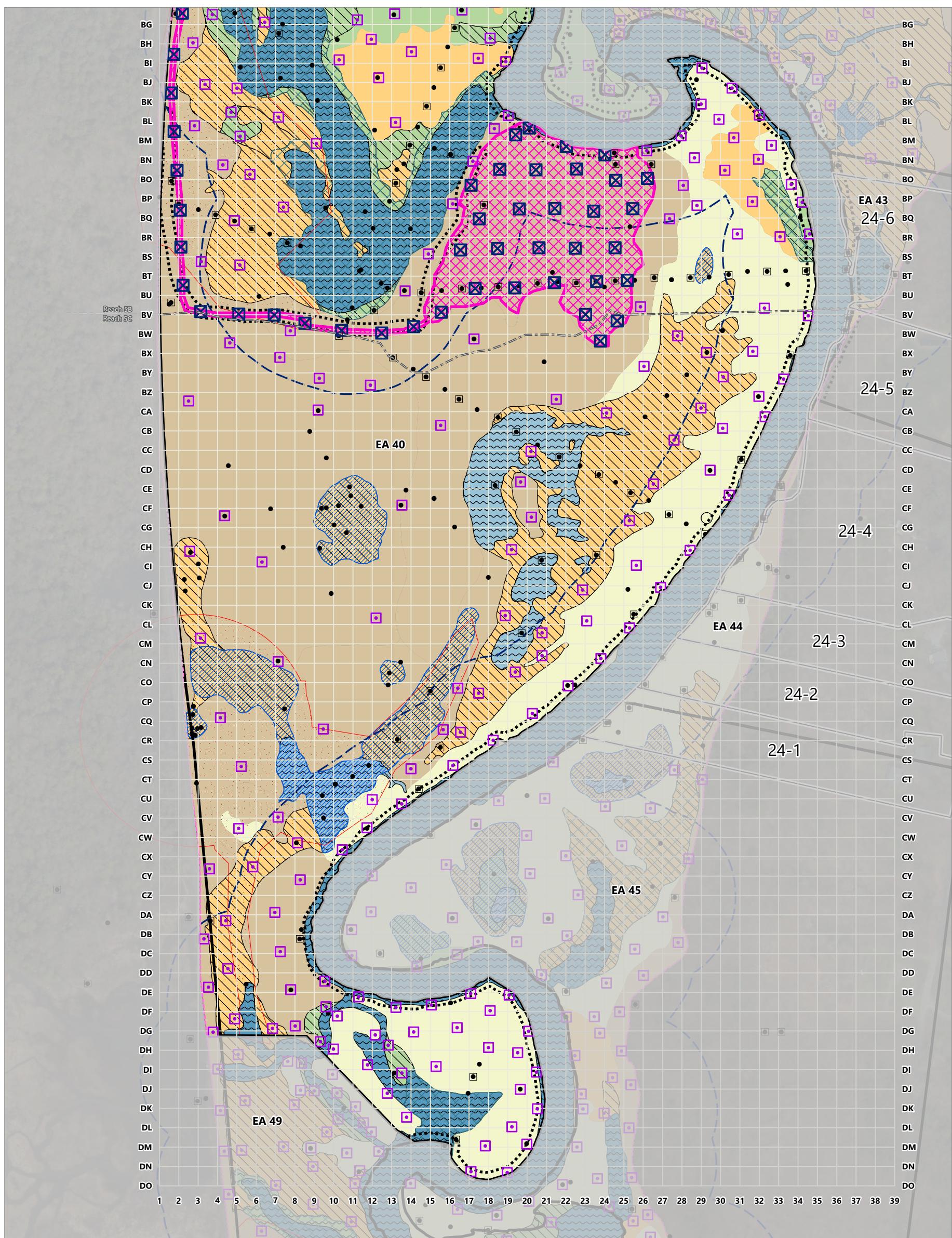
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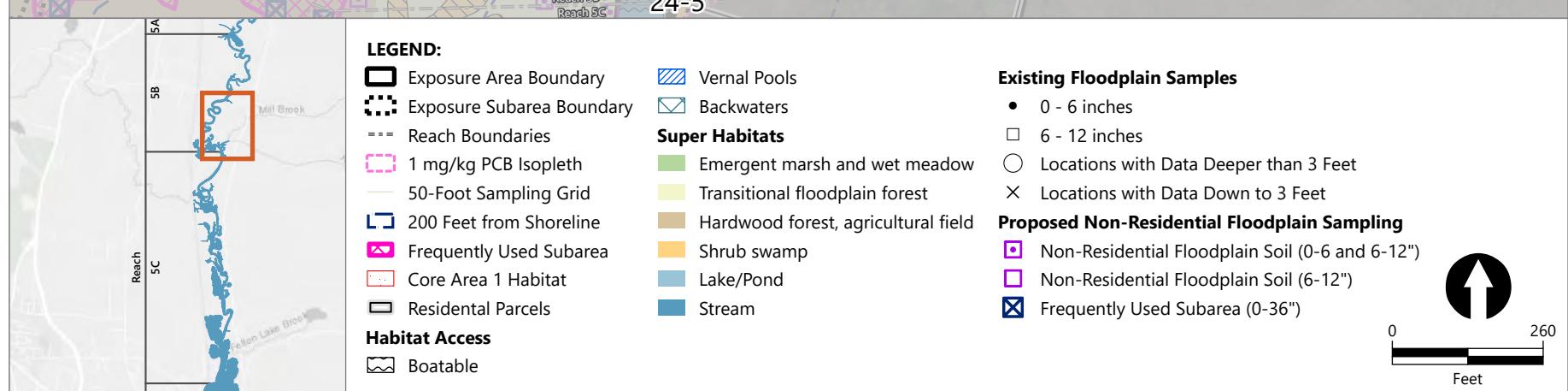
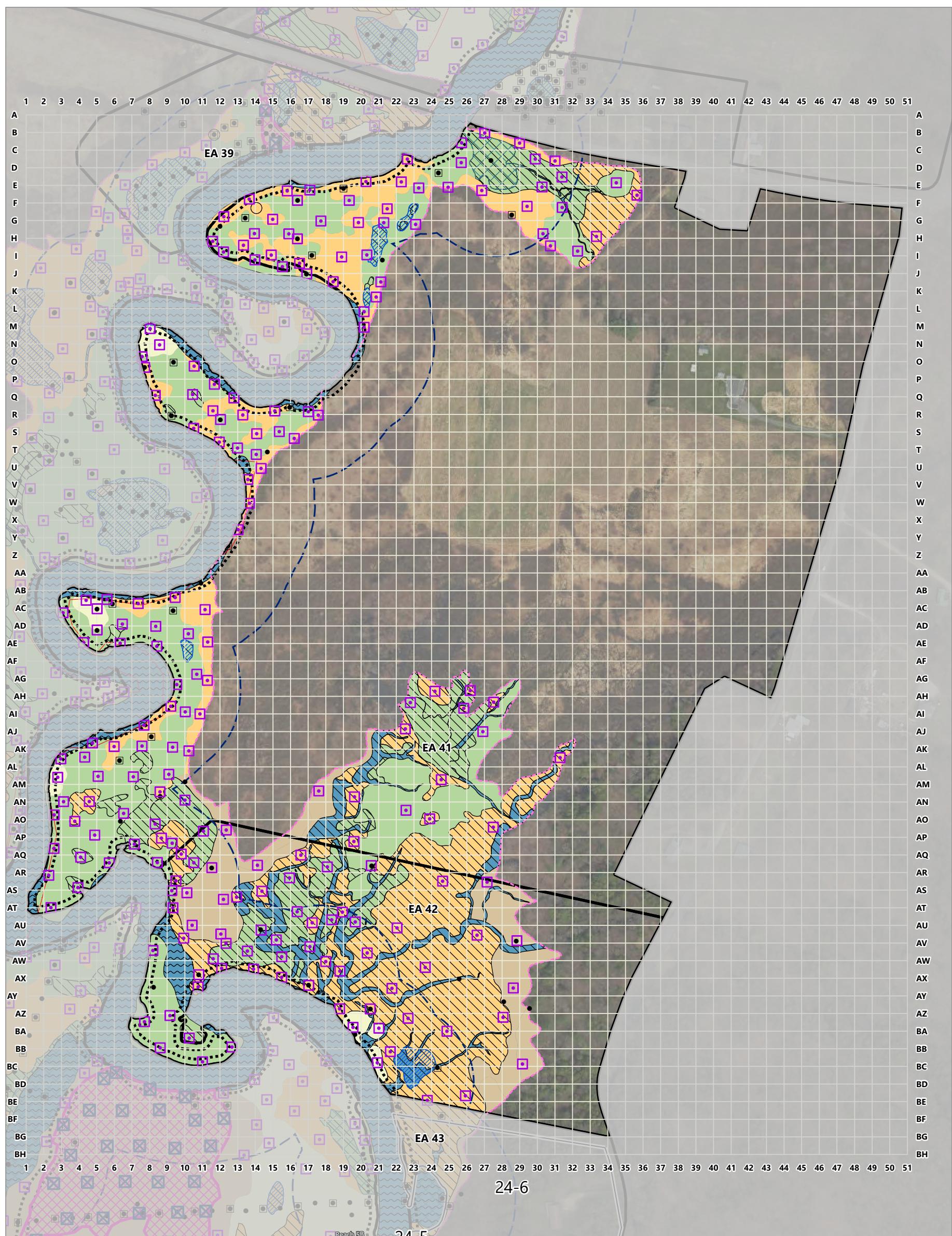
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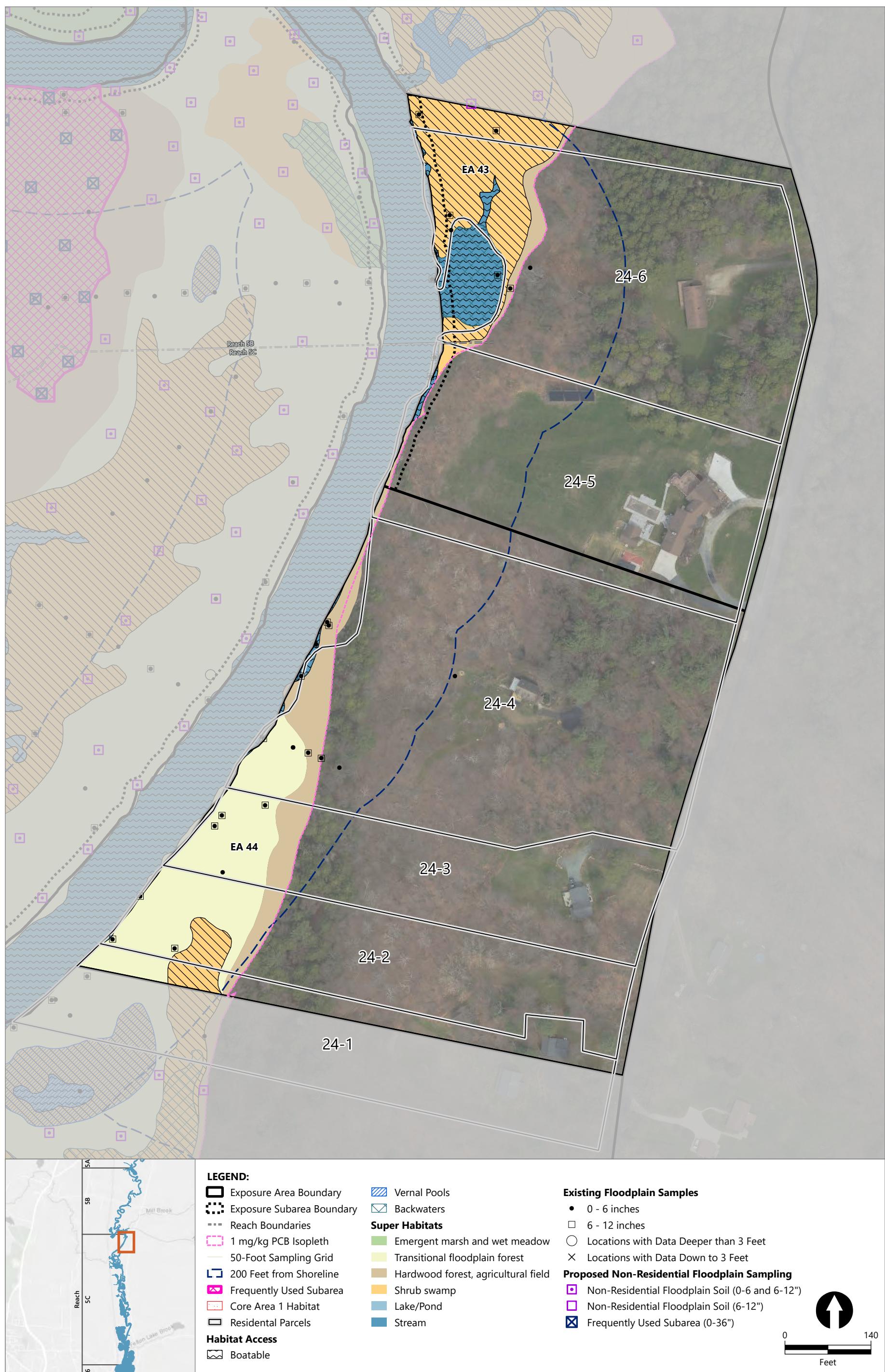
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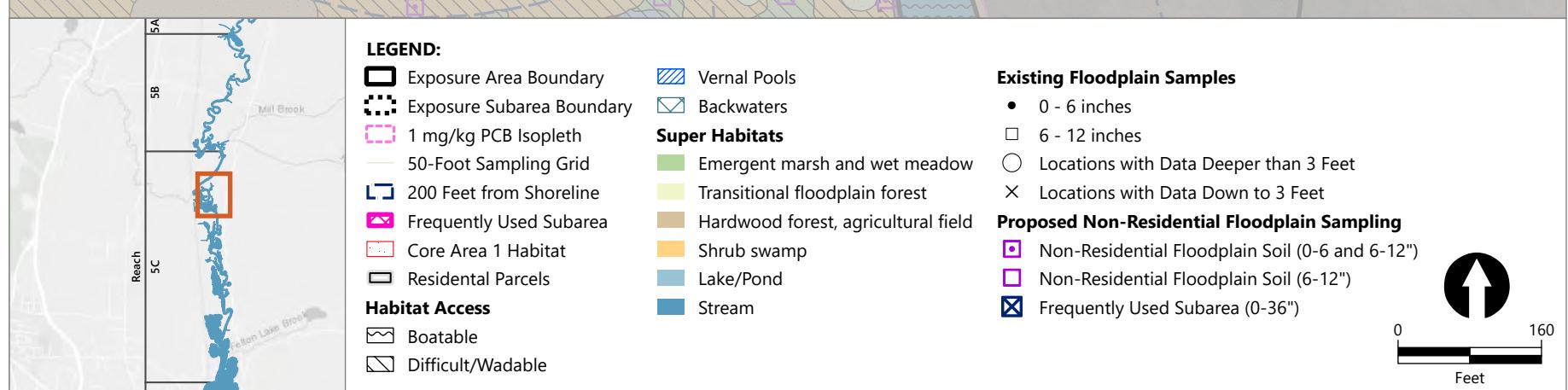
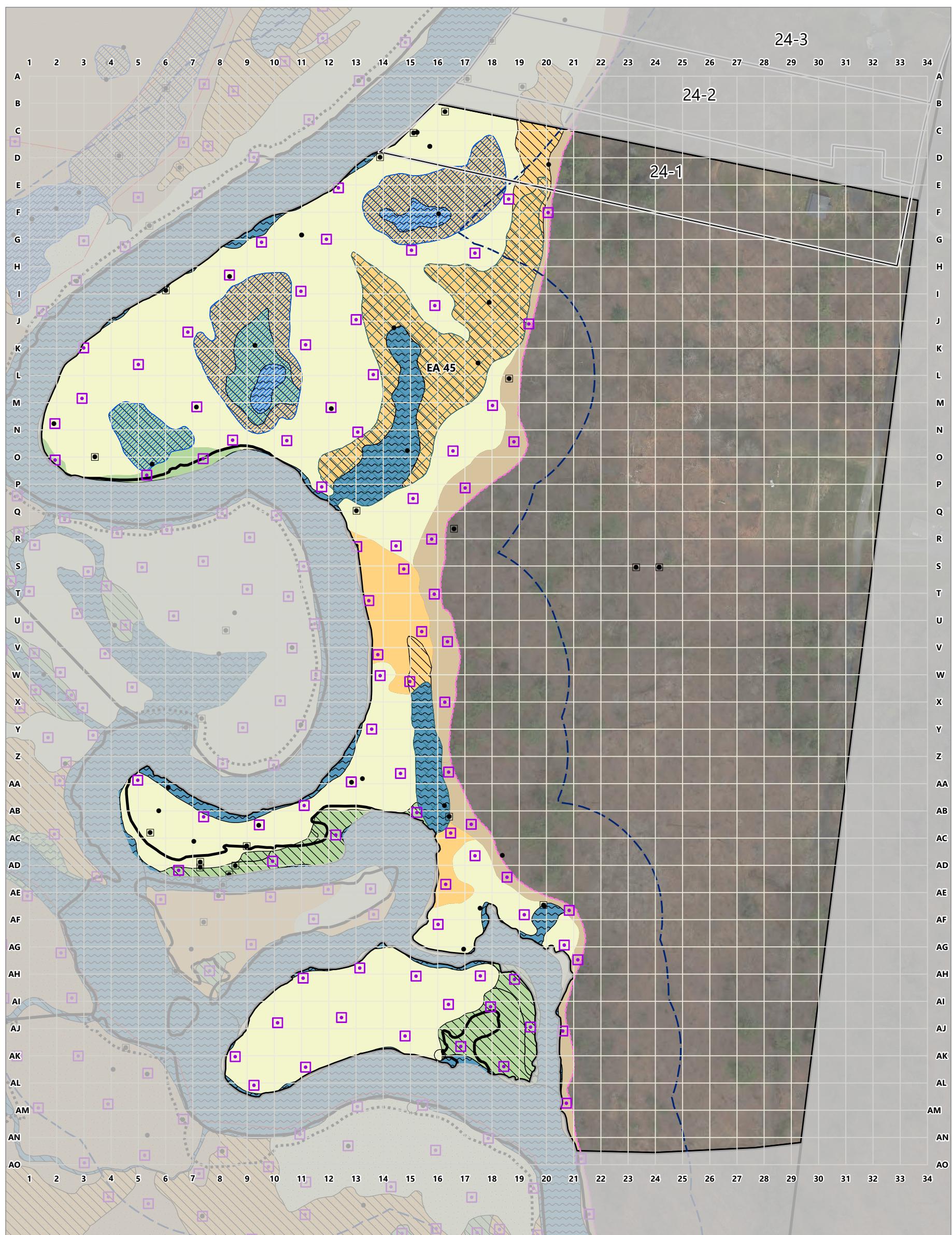


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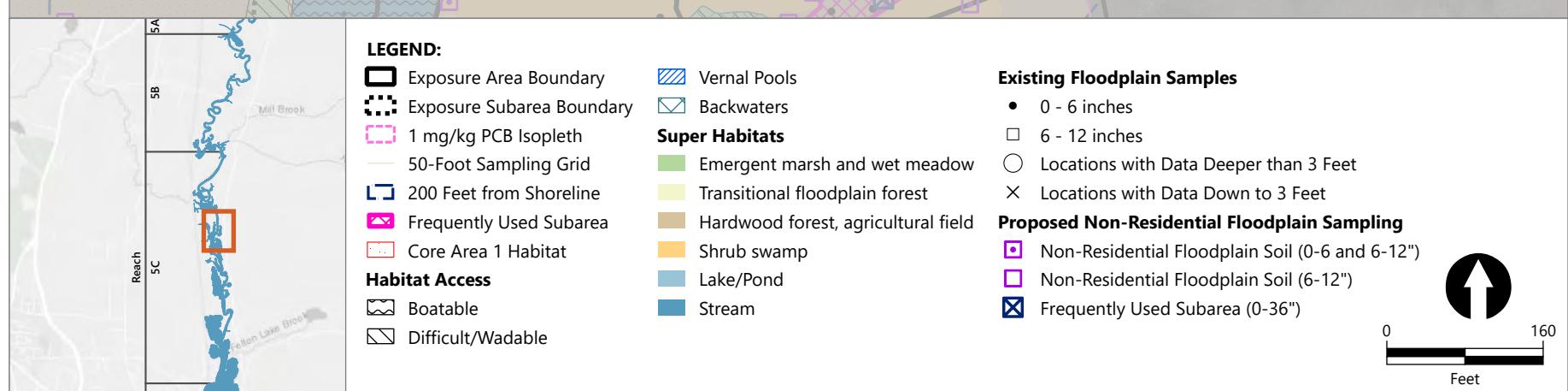
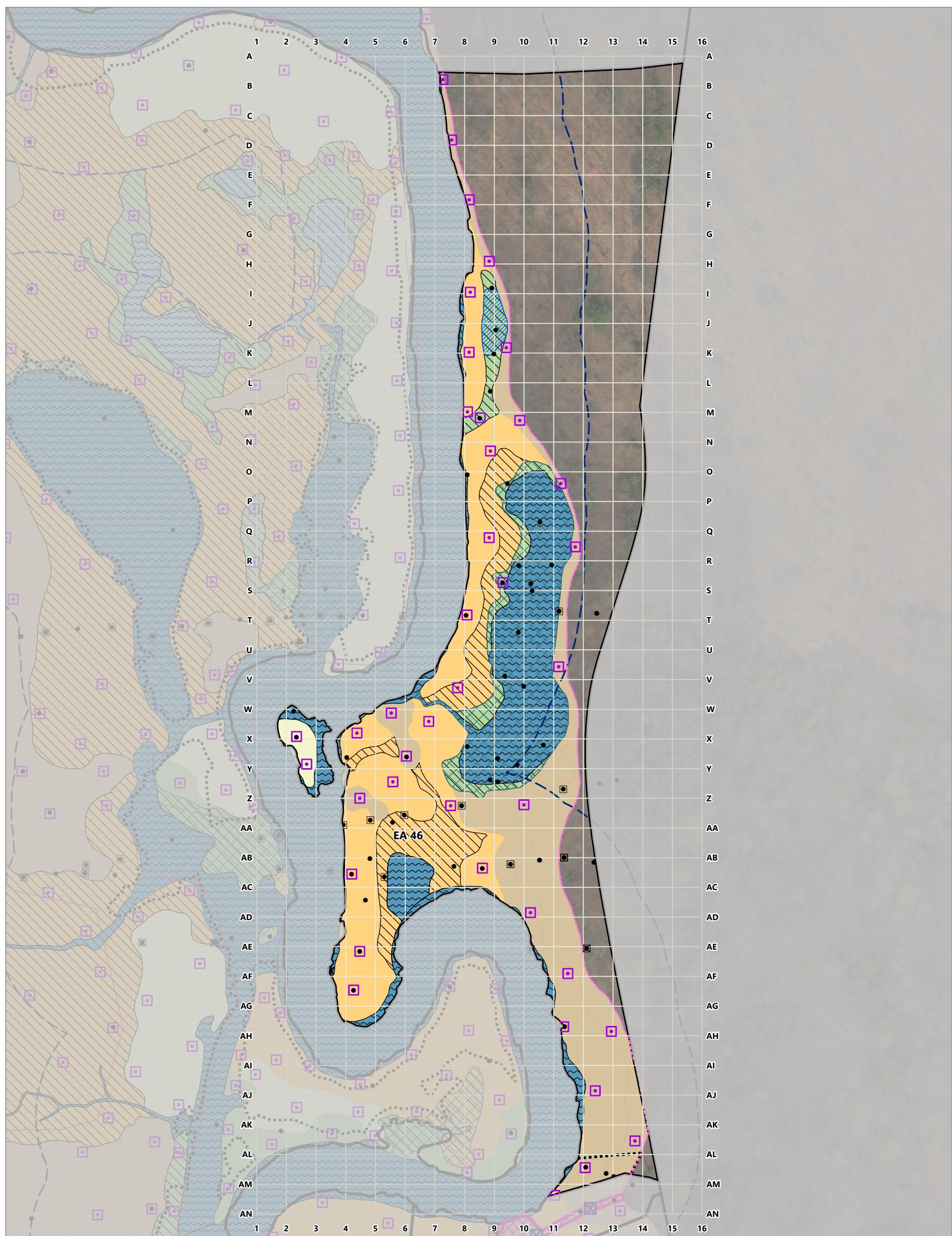


**Figure 4-16**  
**Exposure Areas 43 and 44**

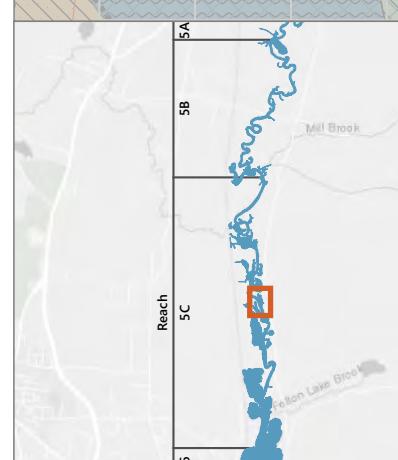
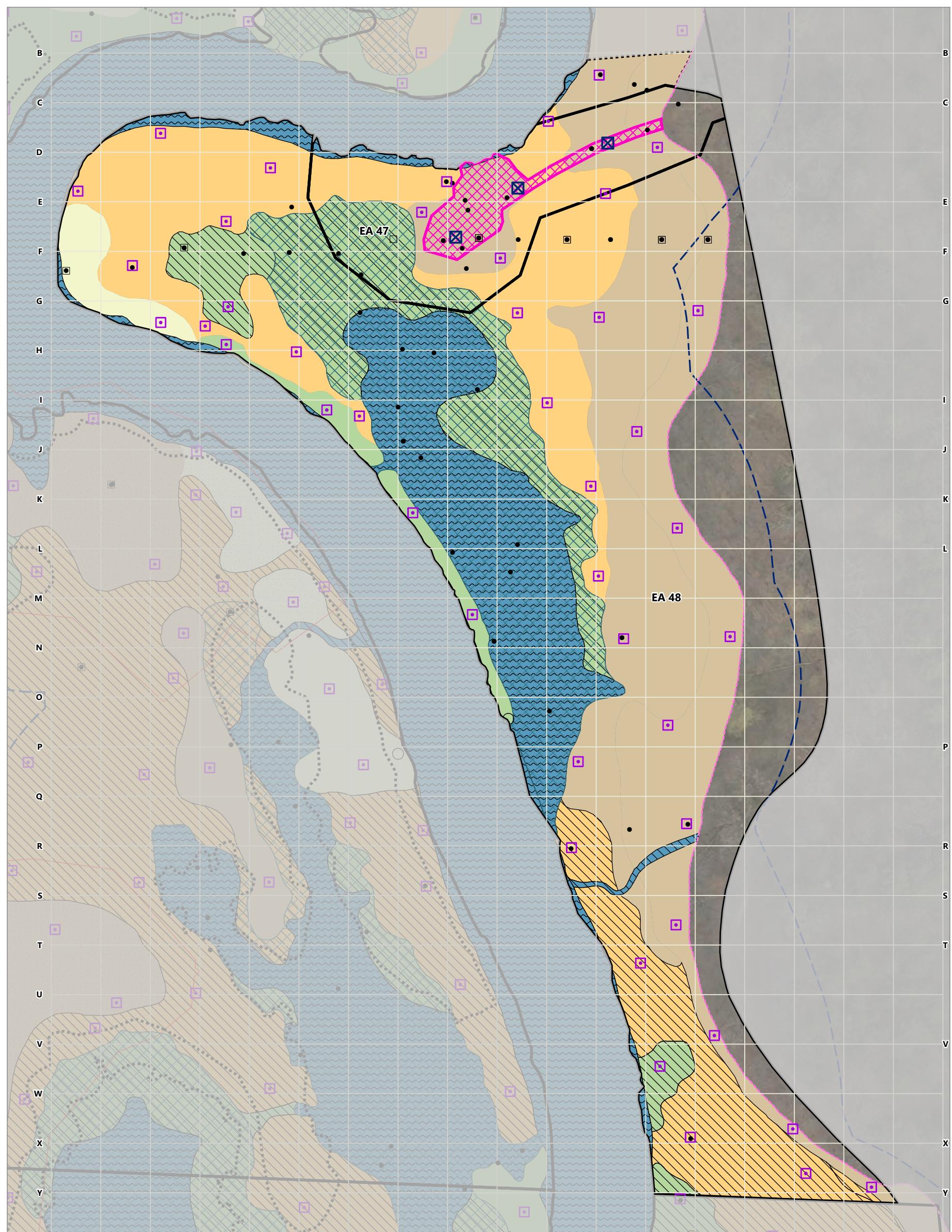
## Focus Areas 5 and 11 Pre-Design Investigation Work Plan for Reaches 5B and 5C Housatonic River – Rest of River



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#### LEGEND:

- Exposure Area Boundary
- Exposure Subarea Boundary
- 1 mg/kg PCB Isopleth
- 50-Foot Sampling Grid
- 200 Feet from Shoreline
- Frequently Used Subarea
- Core Area 1 Habitat
- Habitat Access**
- Boatable
- Difficult/Wadable

#### Vernal Pools

#### Backwaters

#### Super Habitats

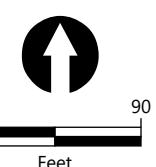
- Emergent marsh and wet meadow
- Transitional floodplain forest
- Hardwood forest, agricultural field
- Shrub swamp
- Lake/Pond
- Stream

#### Existing Floodplain Samples

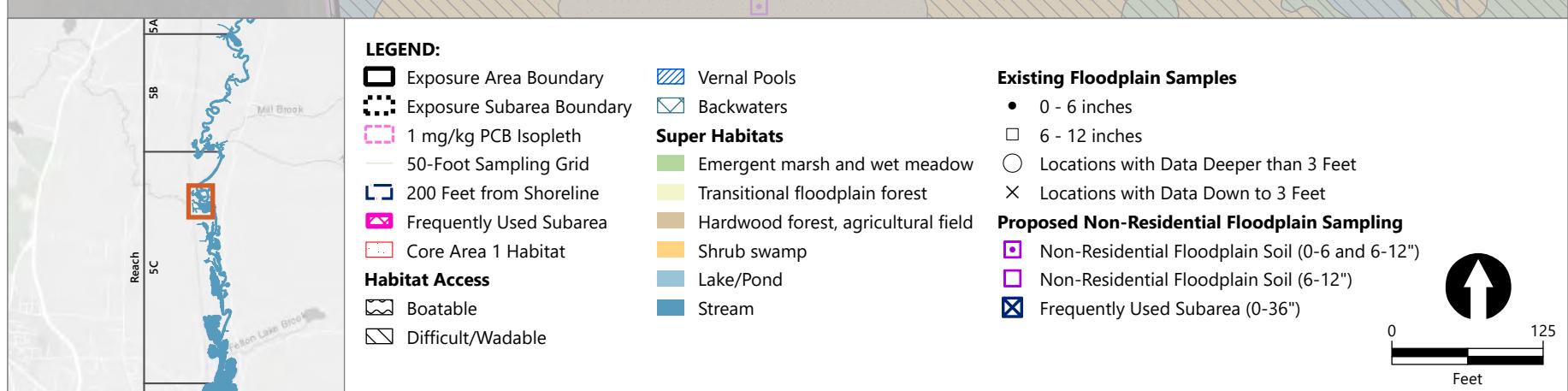
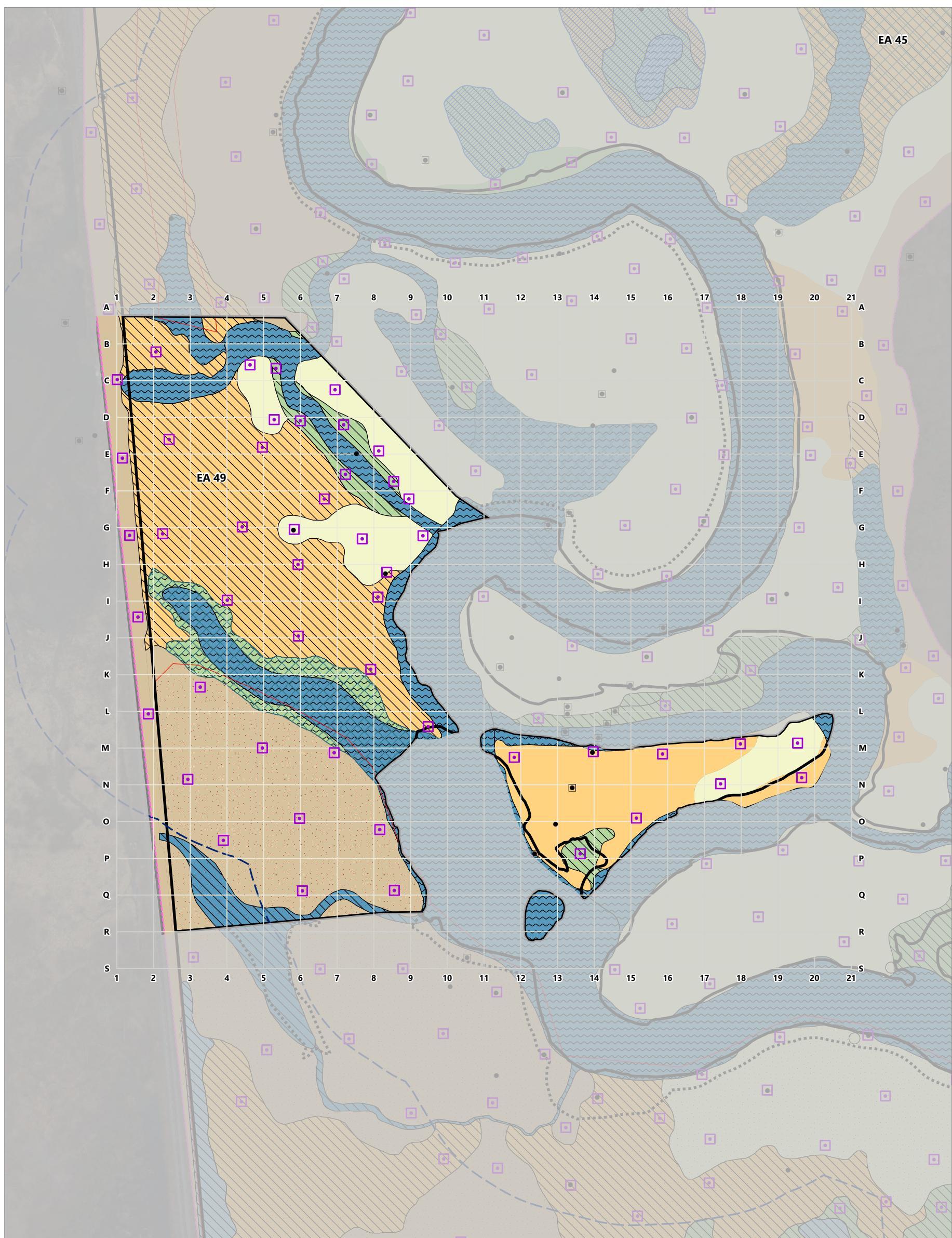
- 0 - 6 inches
- 6 - 12 inches
- Locations with Data Deeper than 3 Feet
- ×

#### Proposed Non-Residential Floodplain Sampling

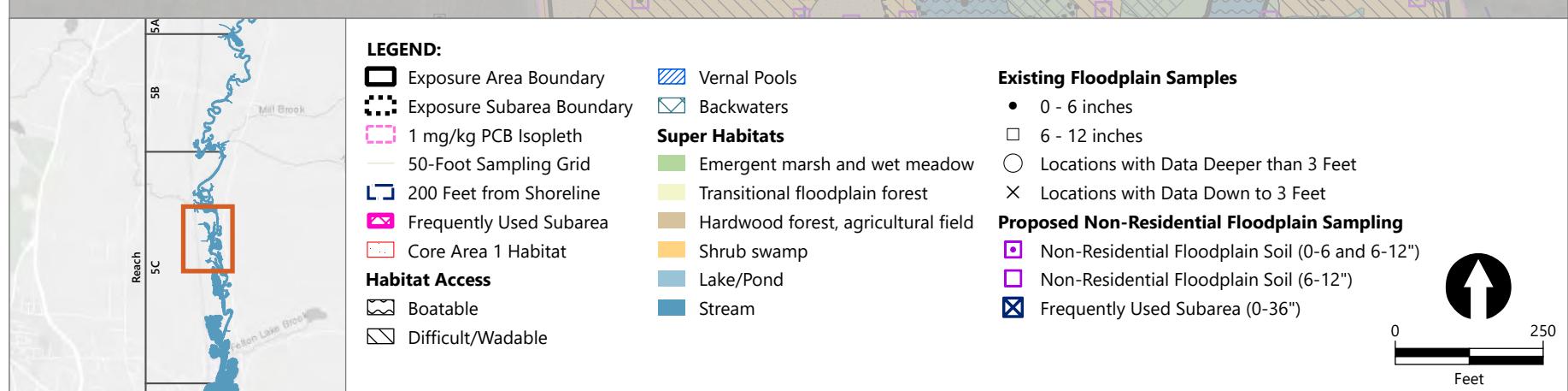
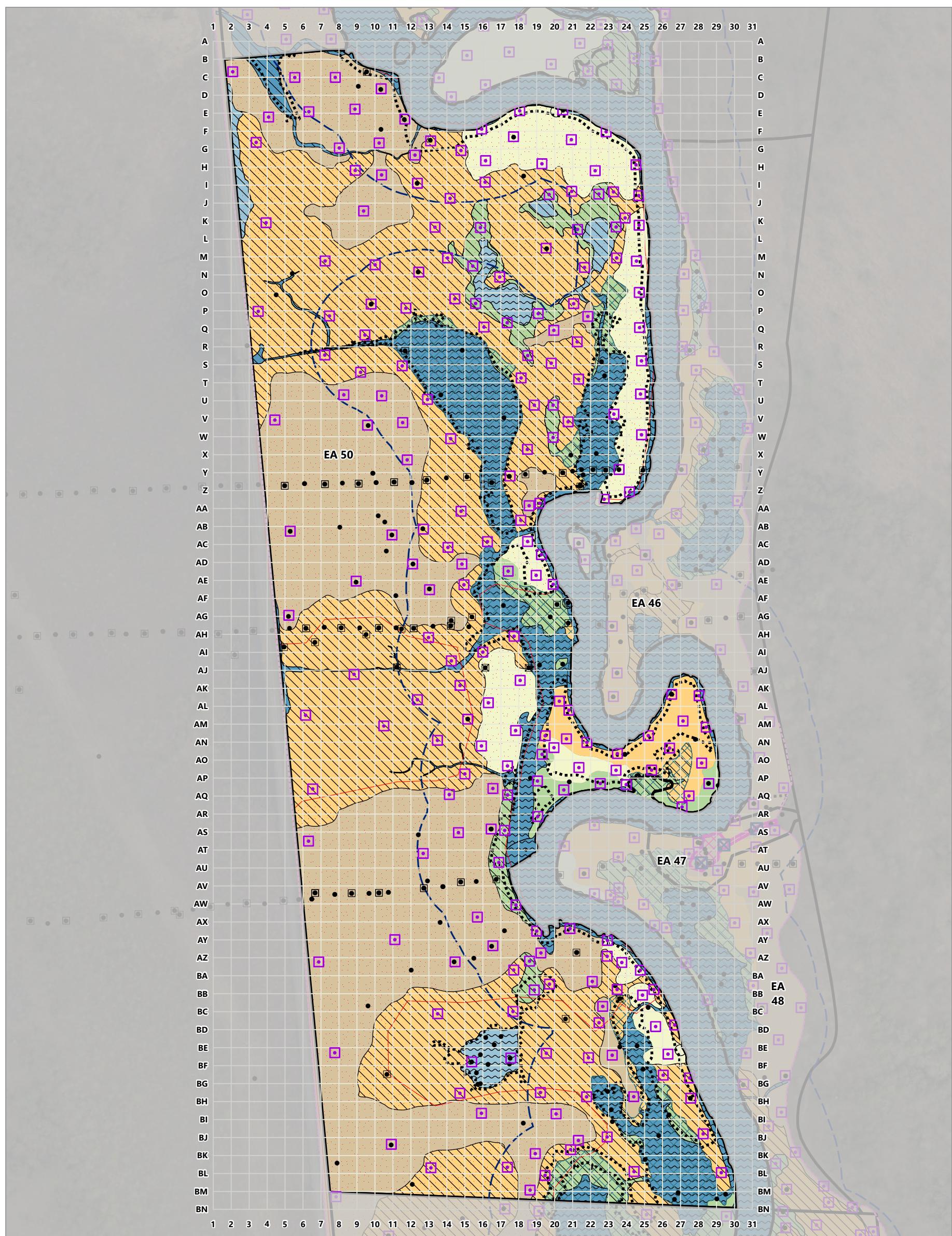
- Non-Residential Floodplain Soil (0-6 and 6-12")
- Non-Residential Floodplain Soil (6-12")
- Frequently Used Subarea (0-36")



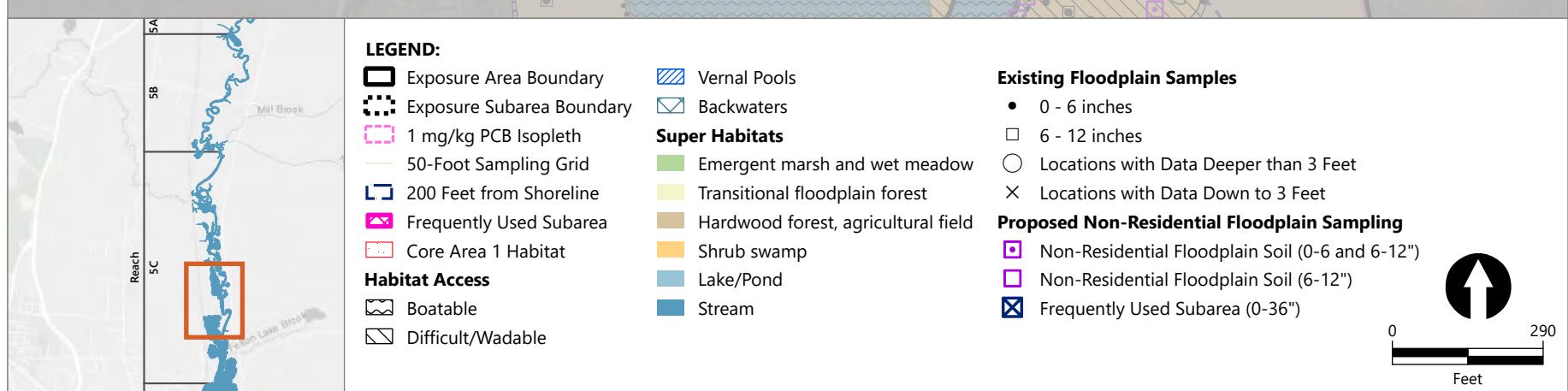
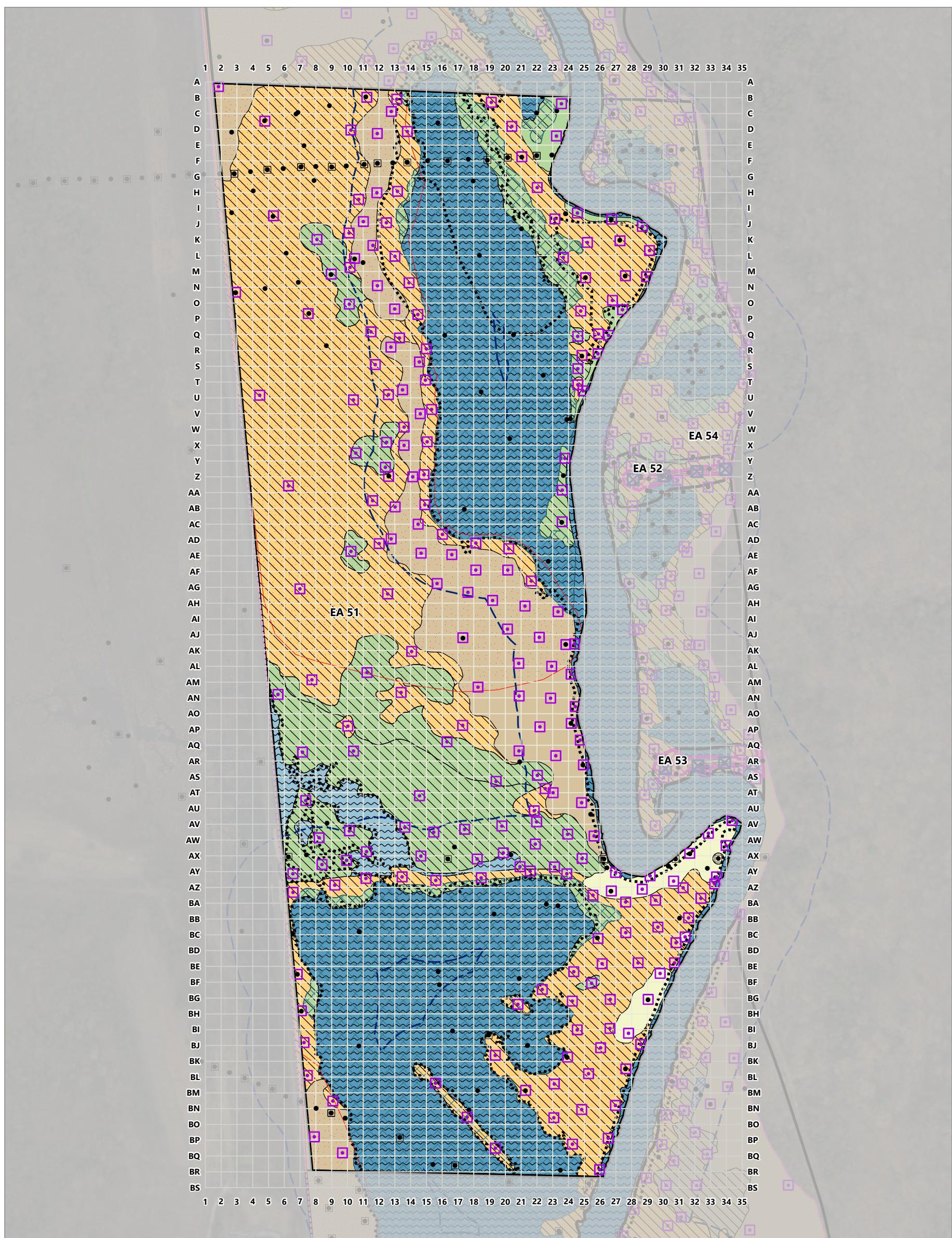
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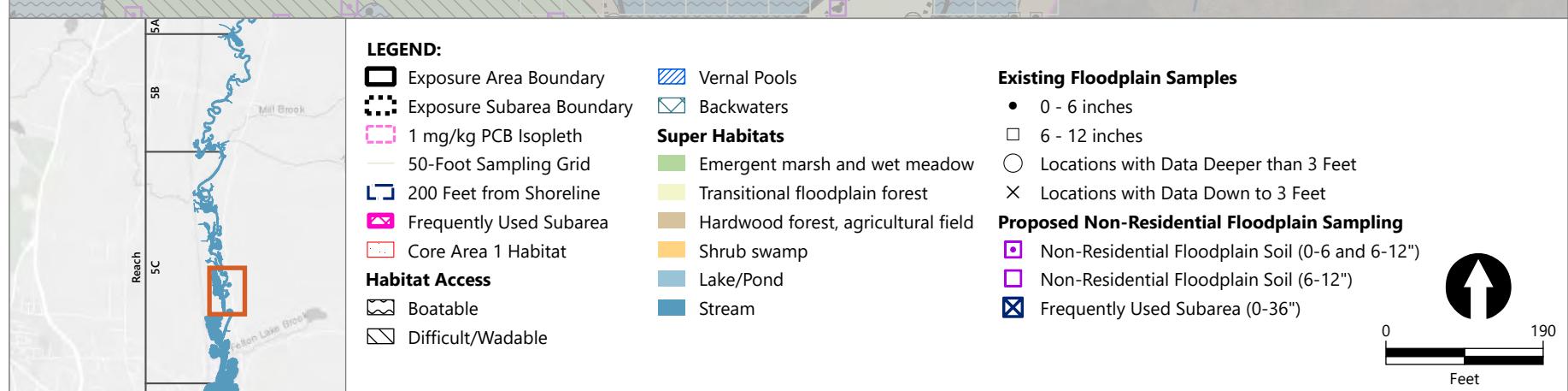
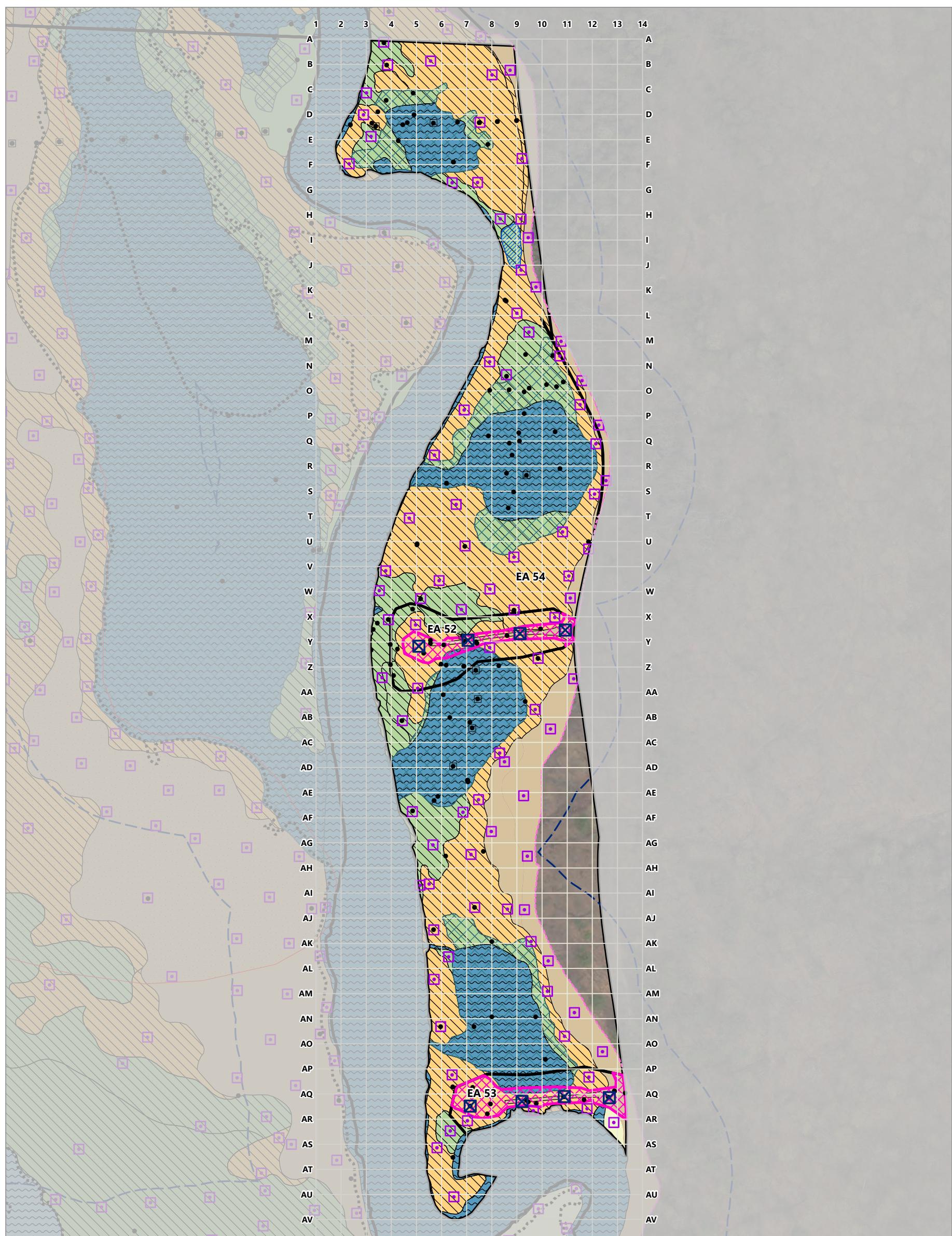
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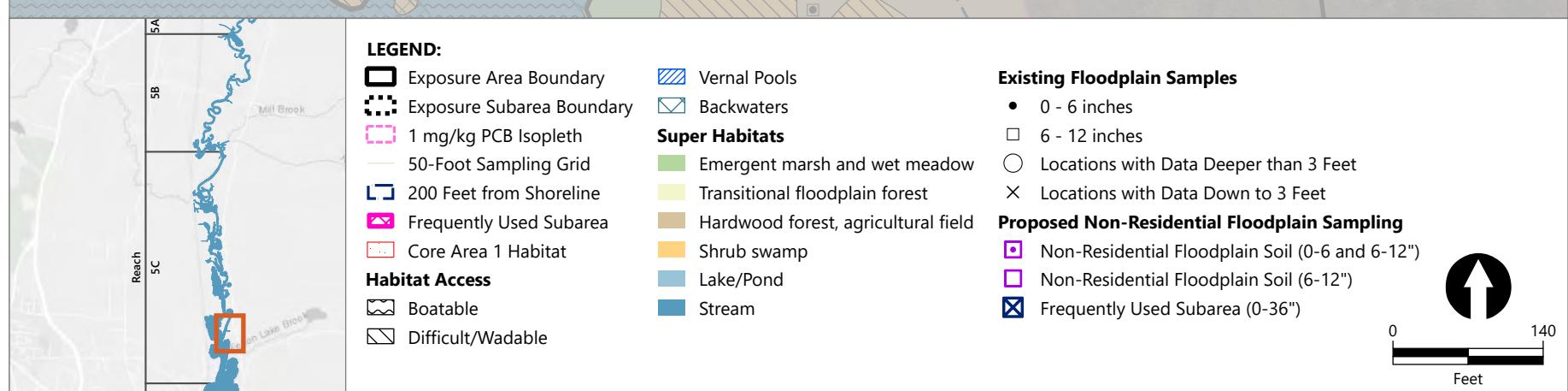
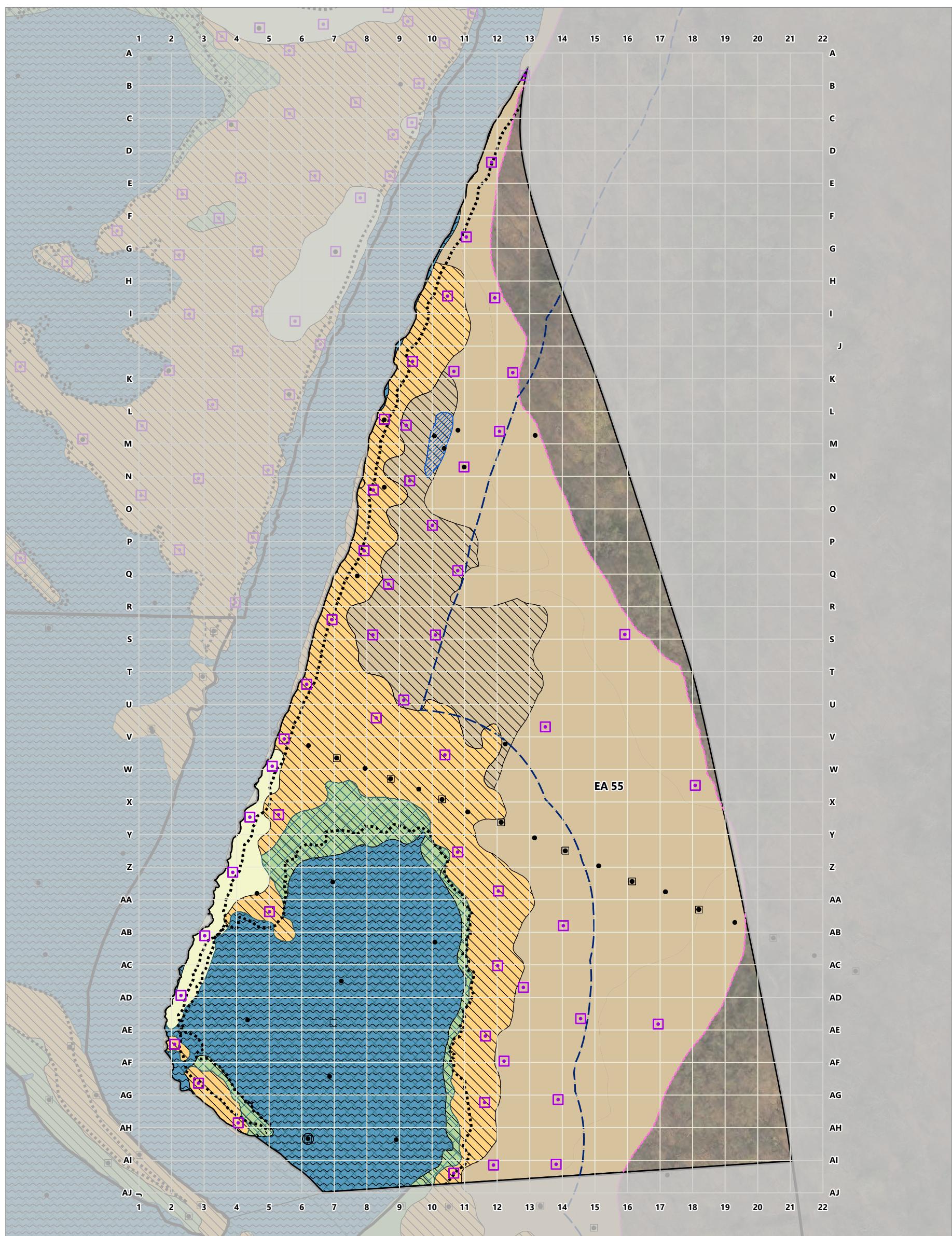
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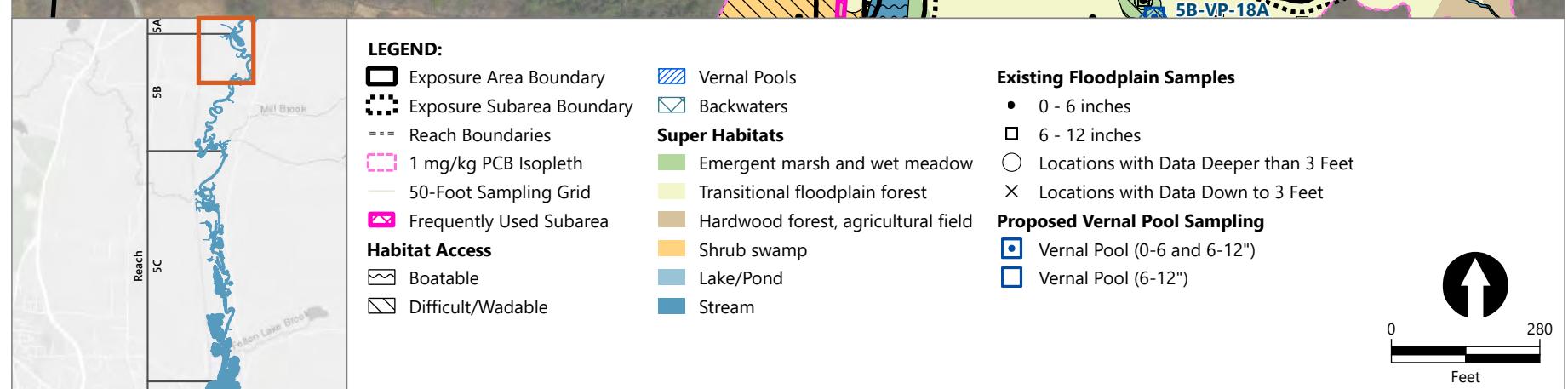
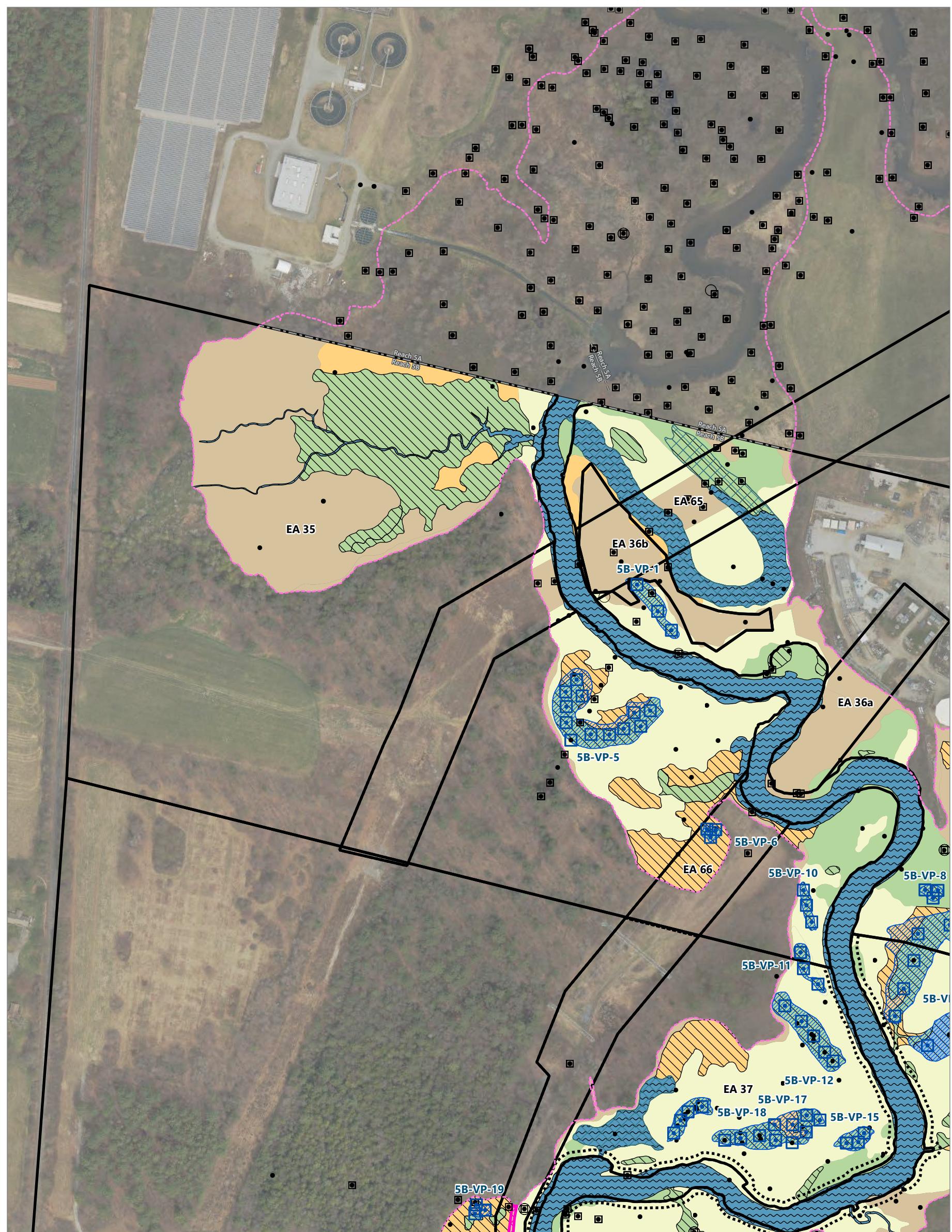
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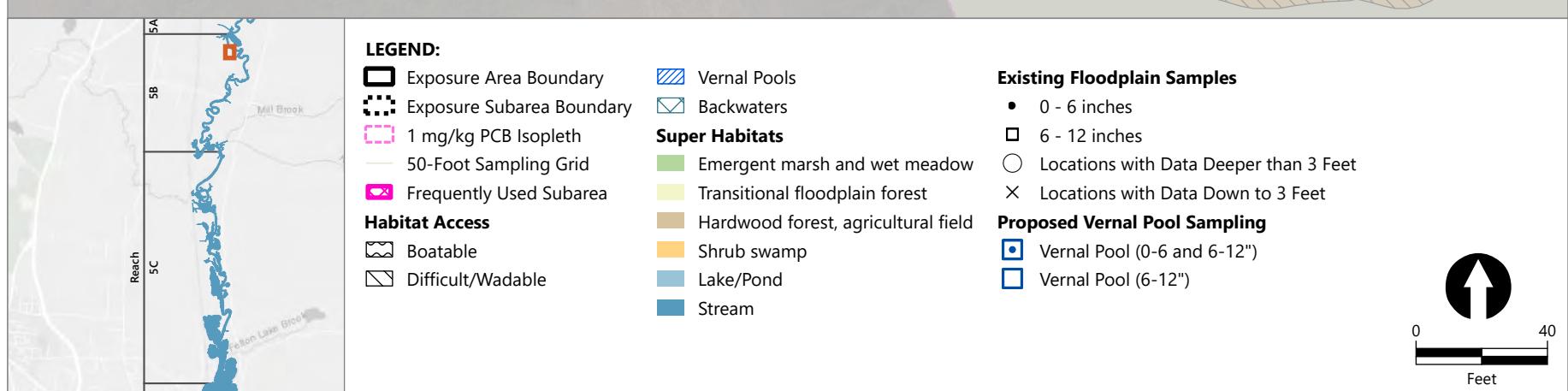
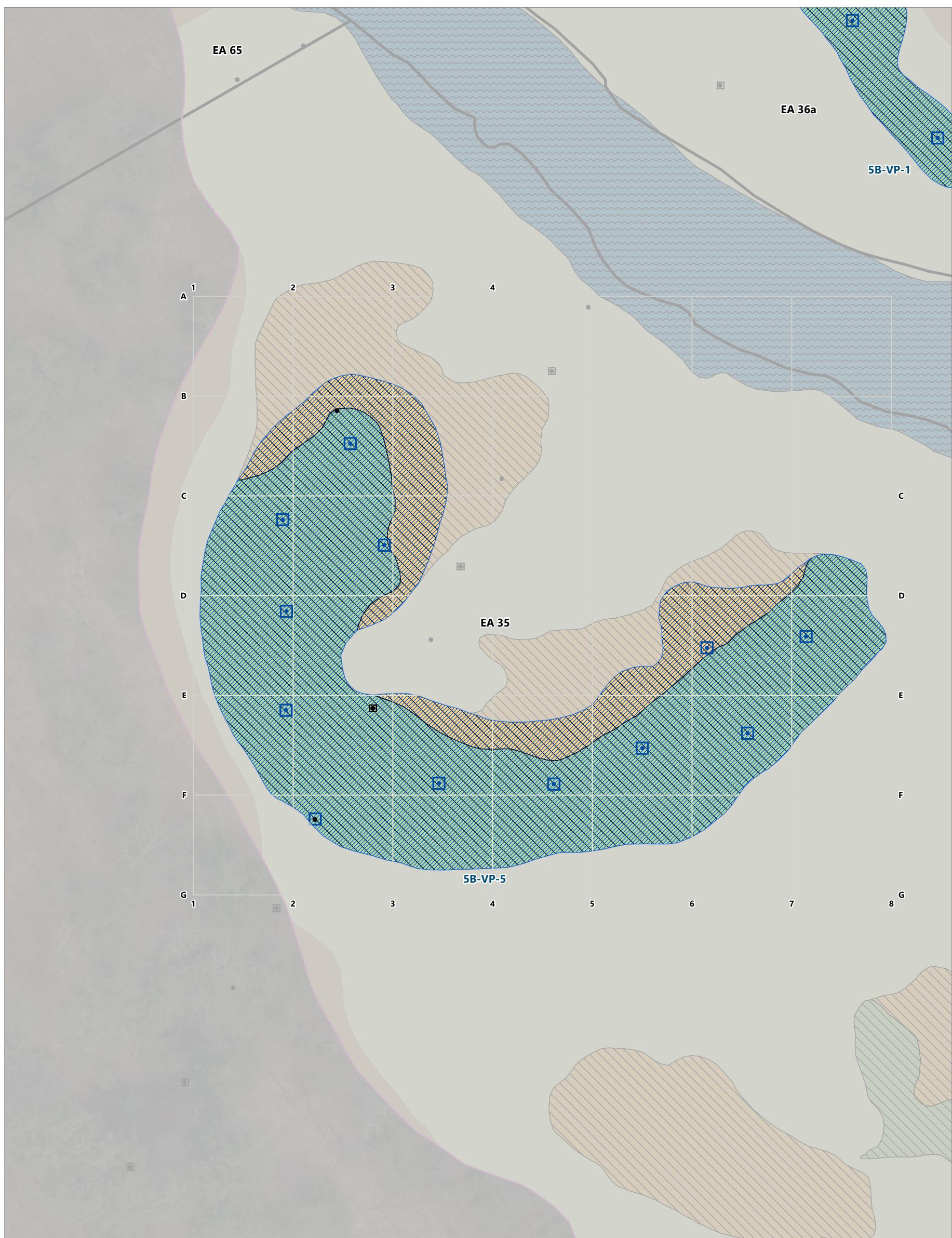
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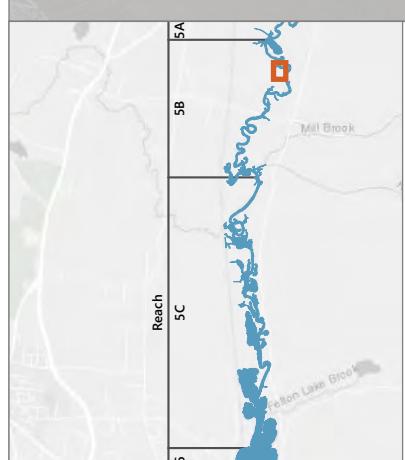
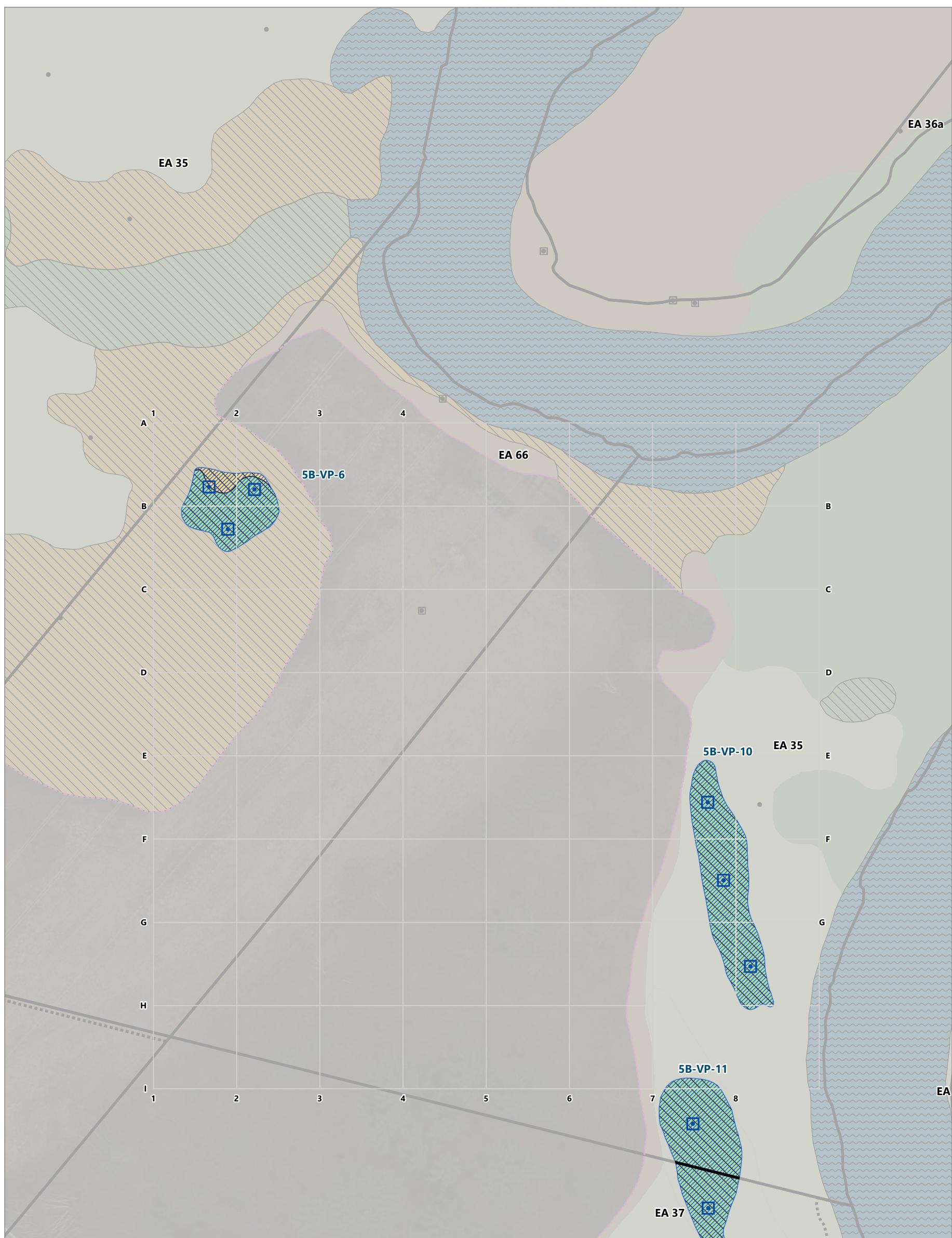
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**LEGEND:**

- Exposure Area Boundary
- Exposure Subarea Boundary
- 1 mg/kg PCB Isopleth
- 50-Foot Sampling Grid
- Frequently Used Subarea
- Habitat Access**
- Boatable
- Difficult/Wadable

**Vernal Pools**

**Backwaters**

**Super Habitats**

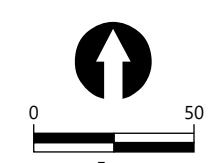
- Emergent marsh and wet meadow
- Transitional floodplain forest
- Hardwood forest, agricultural field
- Shrub swamp
- Lake/Pond
- Stream

**Existing Floodplain Samples**

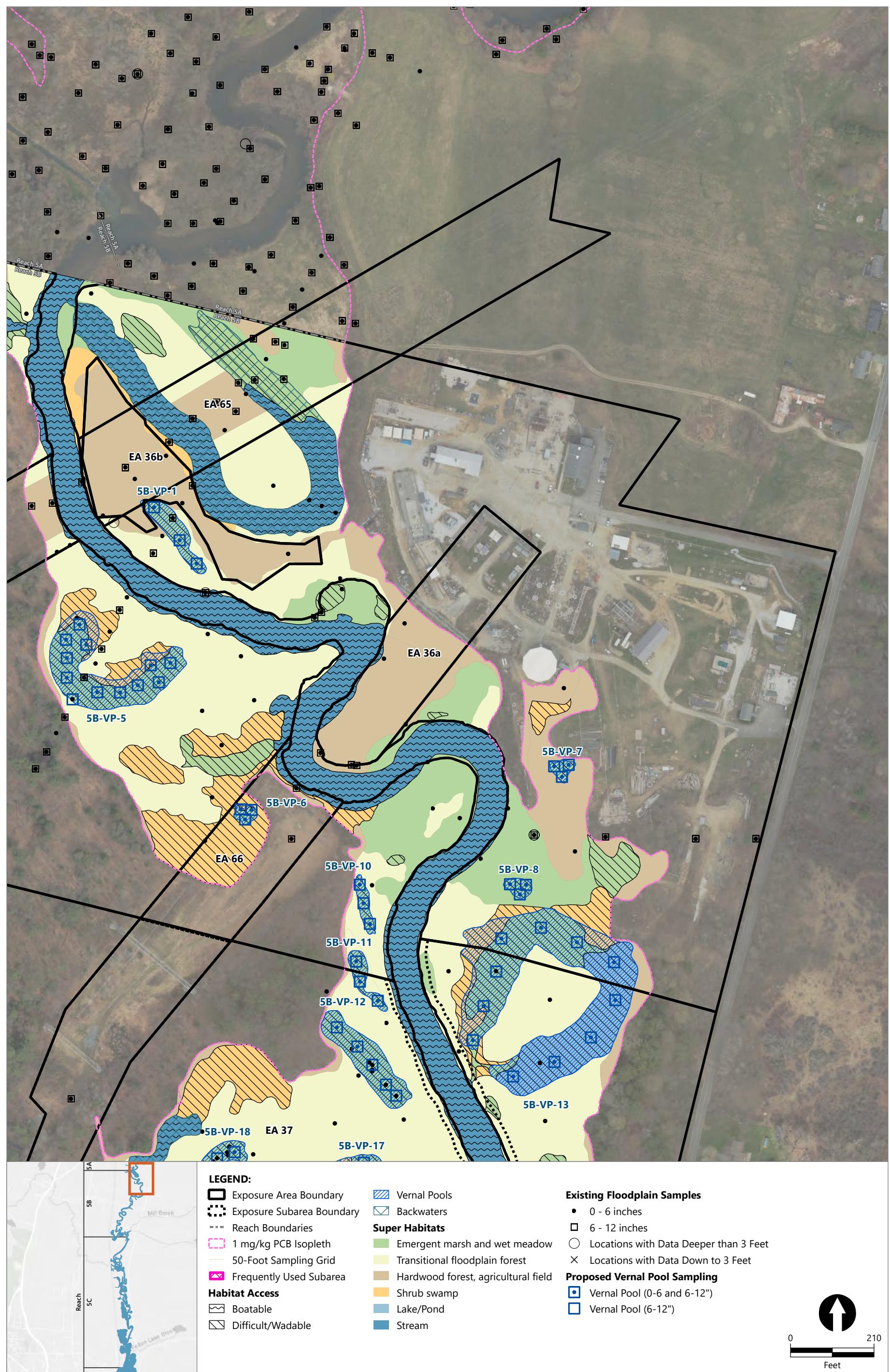
- 0 - 6 inches
- 6 - 12 inches
- Locations with Data Deeper than 3 Feet
- Locations with Data Down to 3 Feet

**Proposed Vernal Pool Sampling**

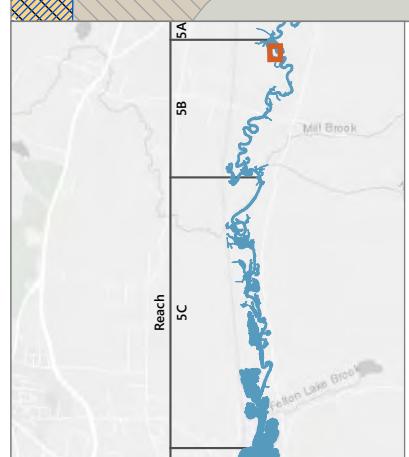
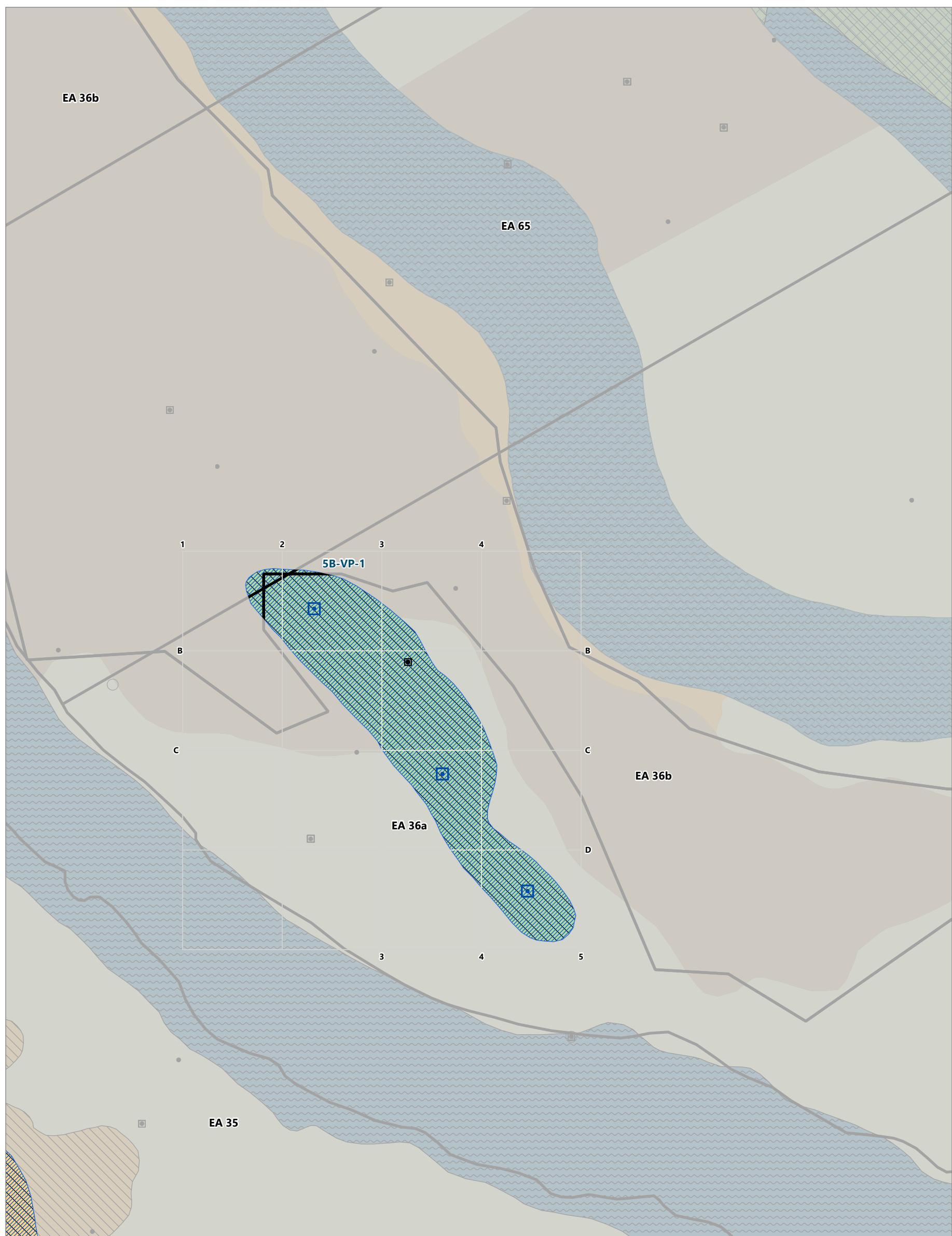
- Vernal Pool (0-6 and 6-12")
- Vernal Pool (6-12")



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**LEGEND:**

Exposure Area Boundary

Exposure Subarea Boundary

1 mg/kg PCB Isopleth

50-Foot Sampling Grid

Frequently Used Subarea

Habitat Access

Boatable

Difficult/Wadable

Vernal Pools

Backwaters

Super Habitats

Emergent marsh and wet meadow

Transitional floodplain forest

Hardwood forest, agricultural field

Shrub swamp

Lake/Pond

Stream

**Existing Floodplain Samples**

• 0 - 6 inches

□ 6 - 12 inches

○ Locations with Data Deeper than 3 Feet

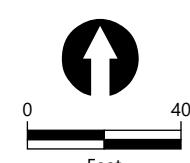
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X Locations with Data Down to 3 Feet

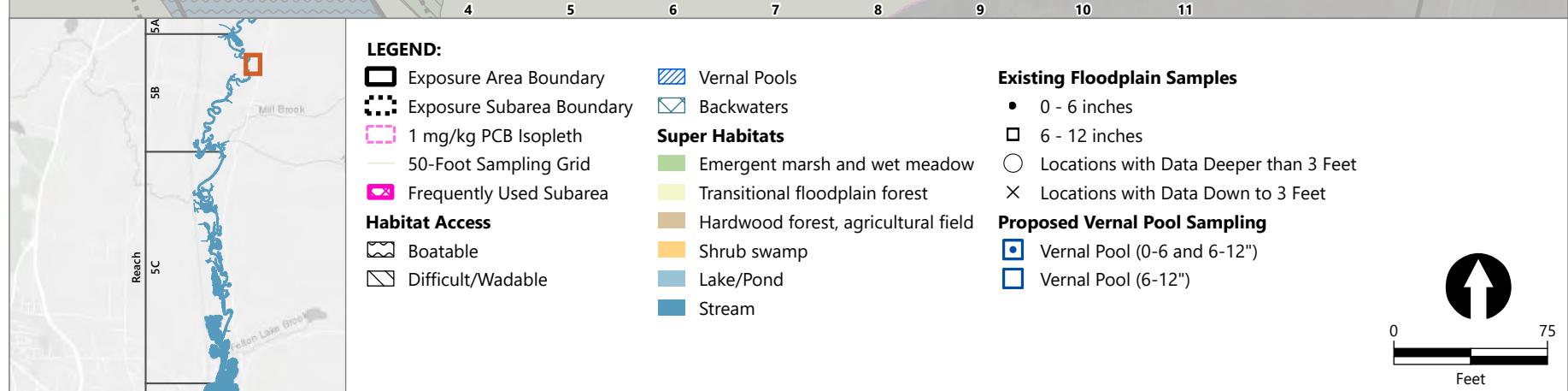
**Proposed Vernal Pool Sampling**

□ Vernal Pool (0-6 and 6-12")

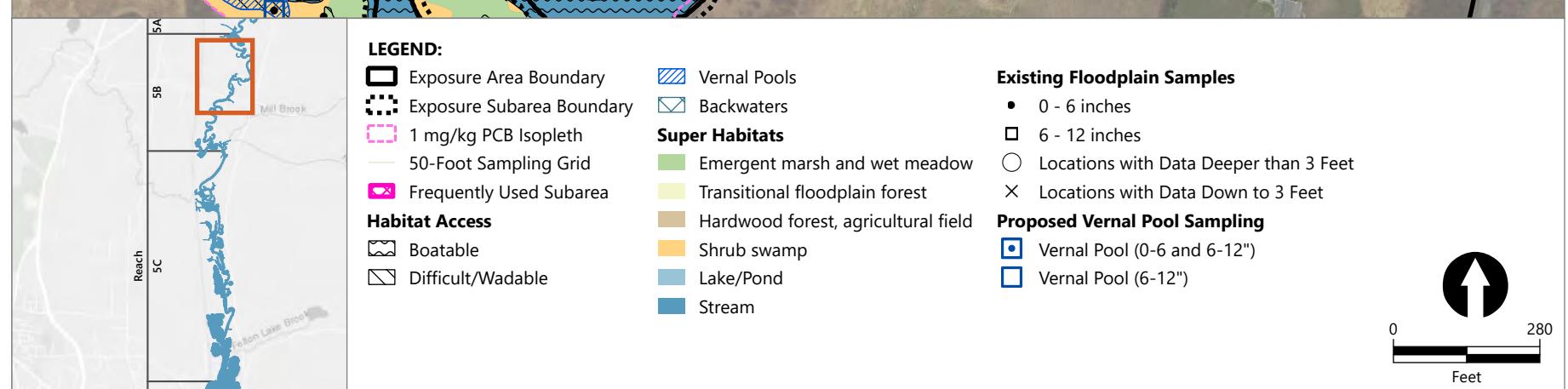
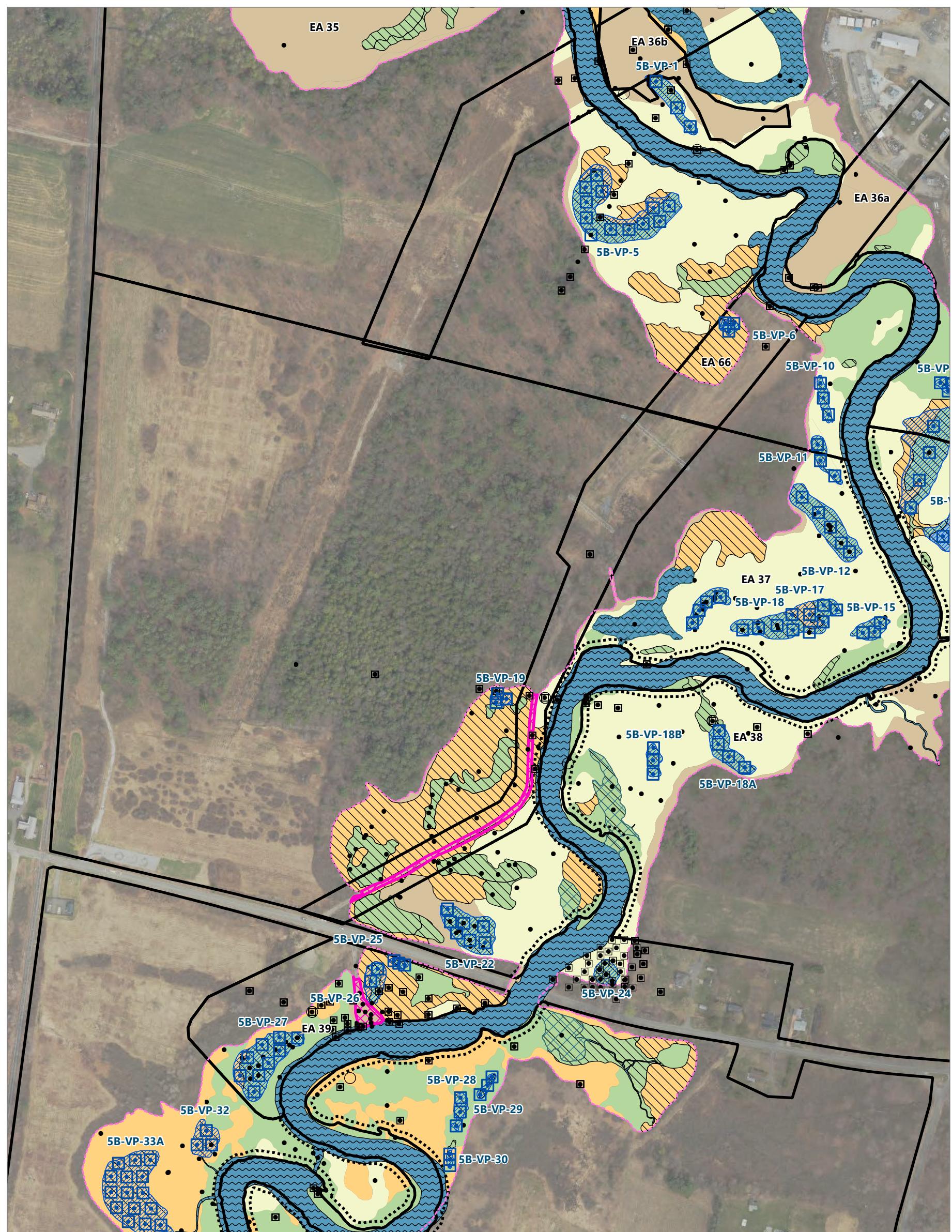
□ Vernal Pool (6-12")



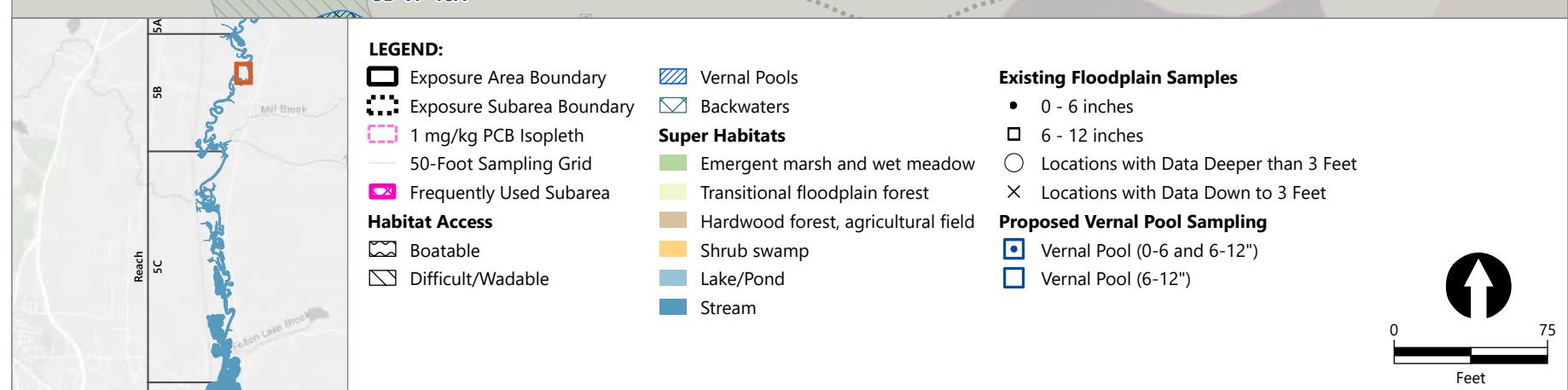
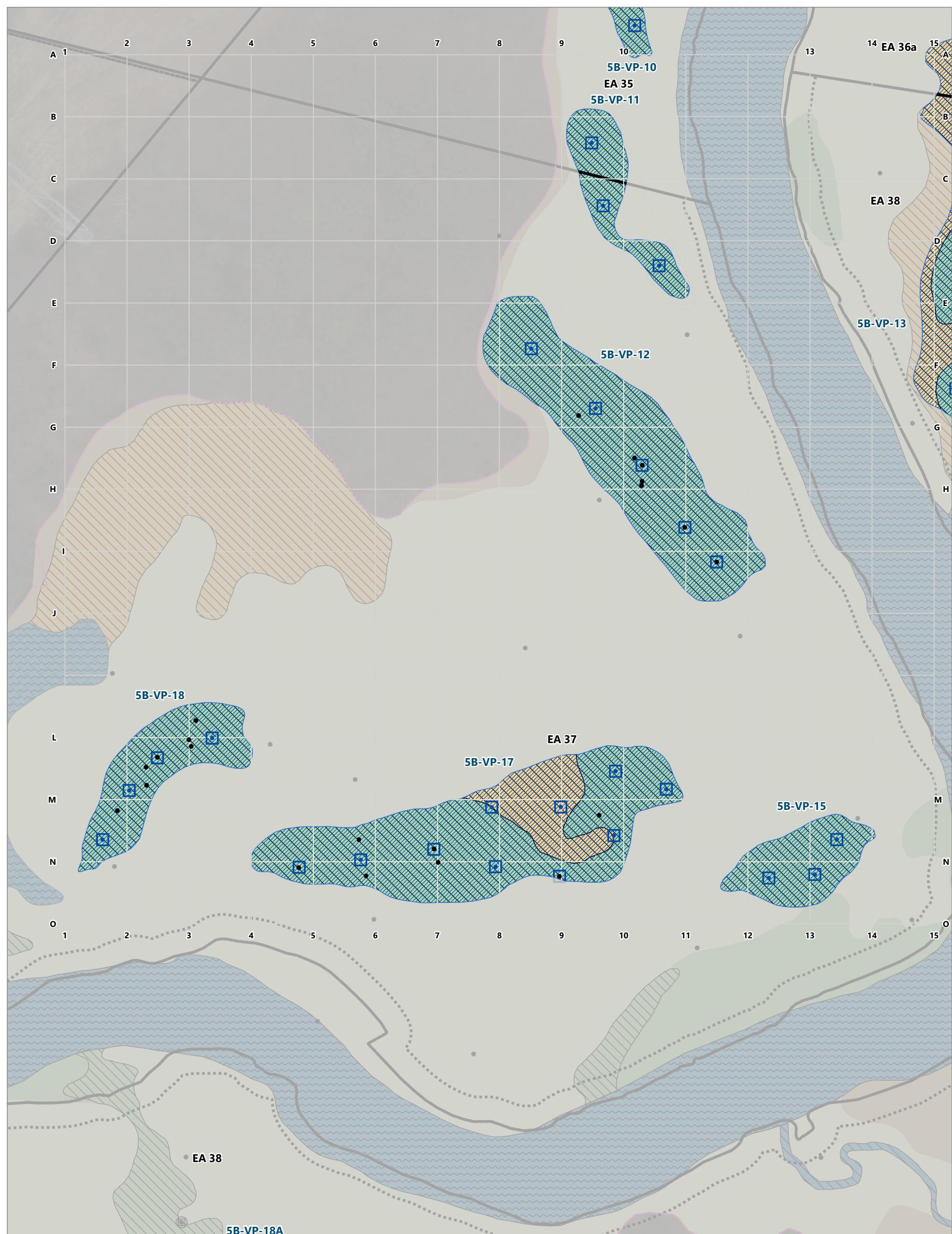
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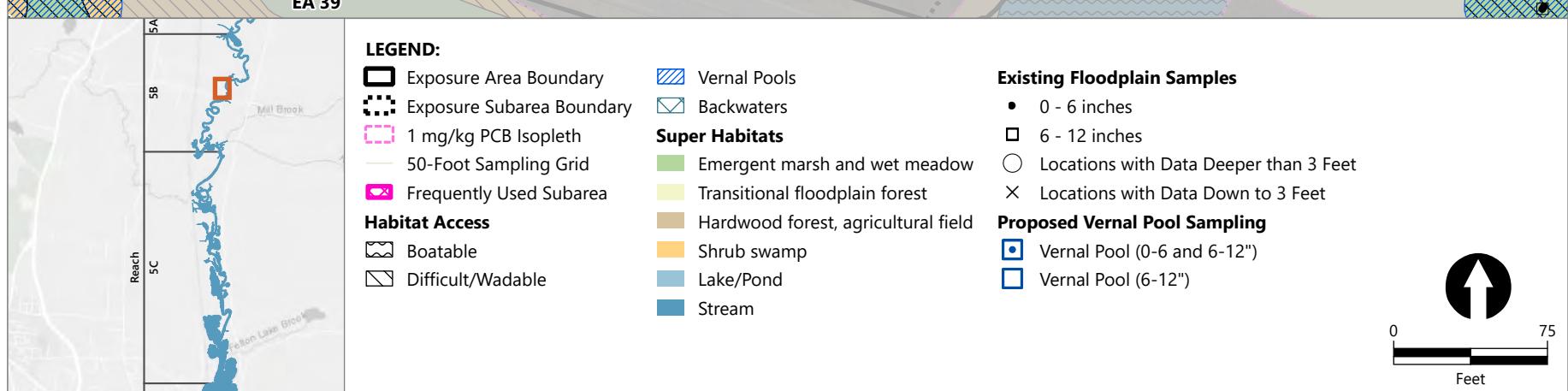
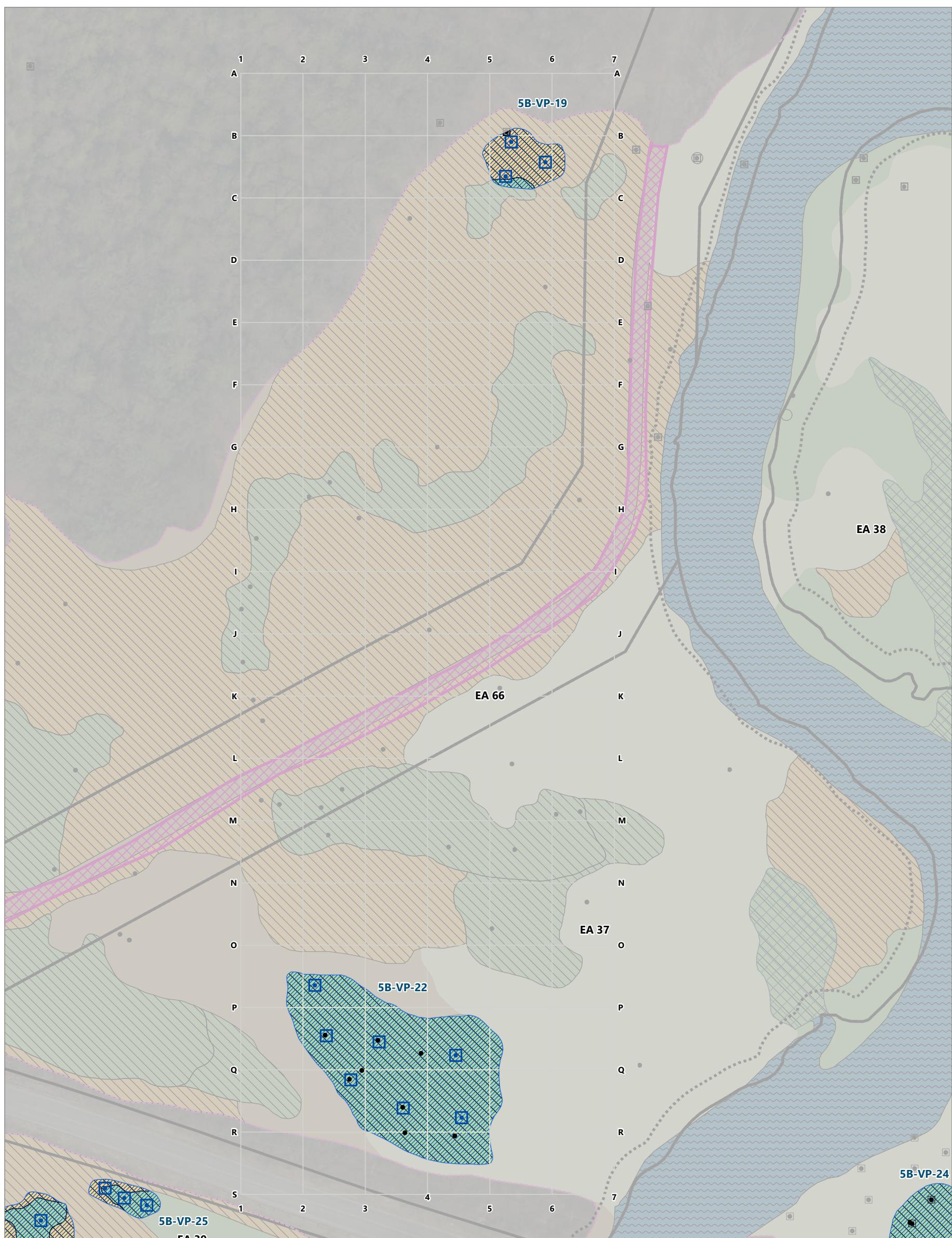
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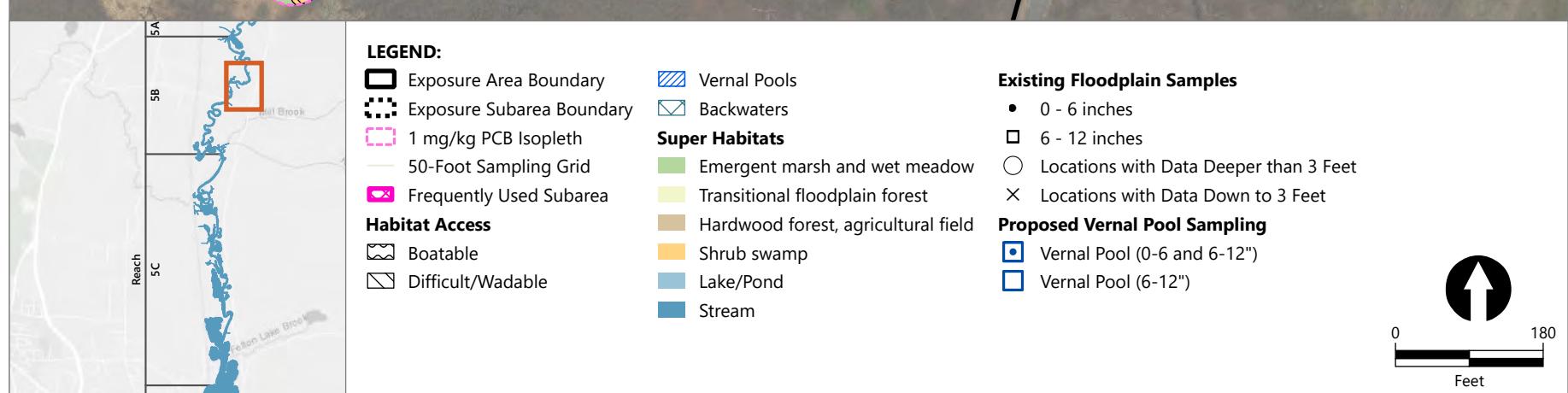
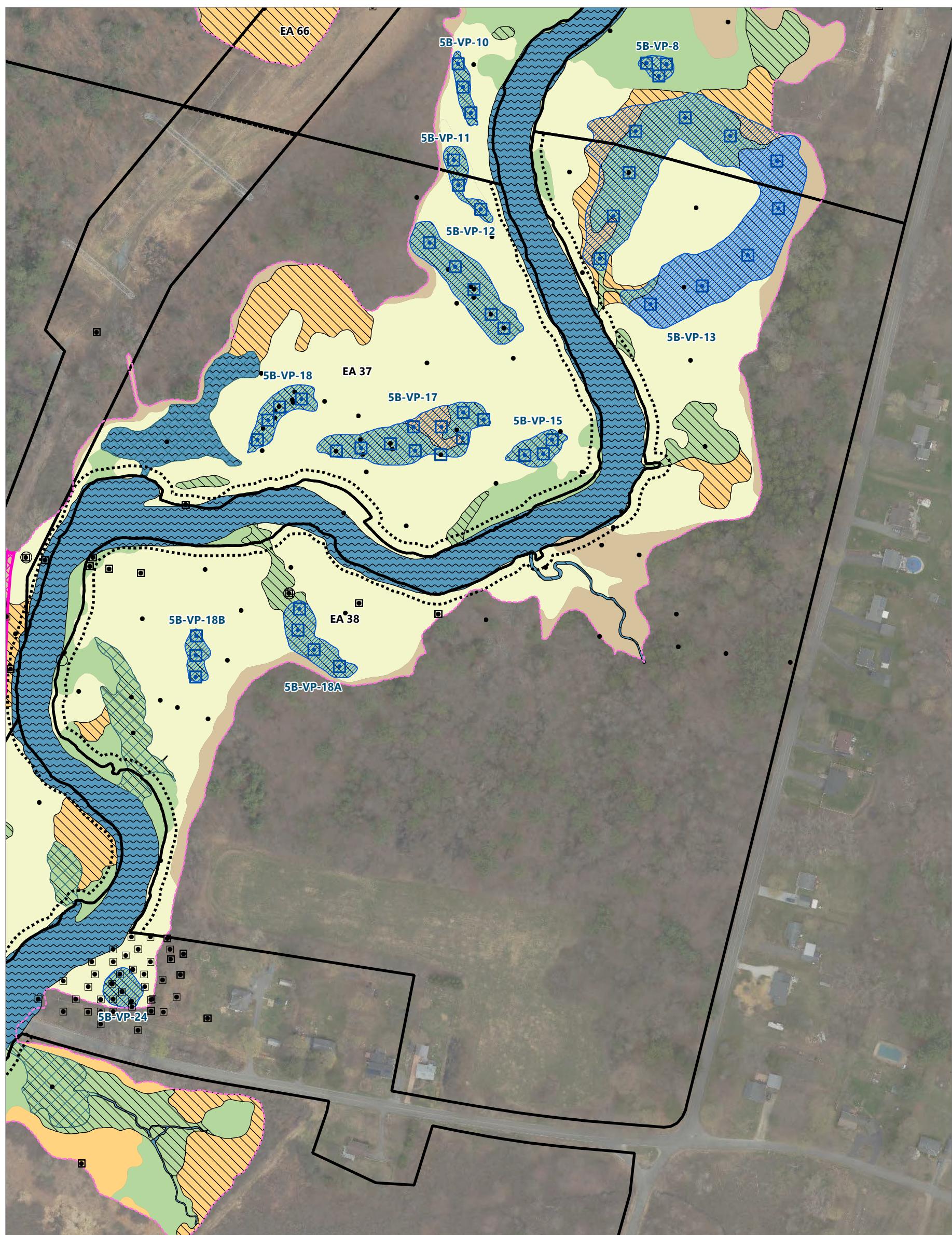
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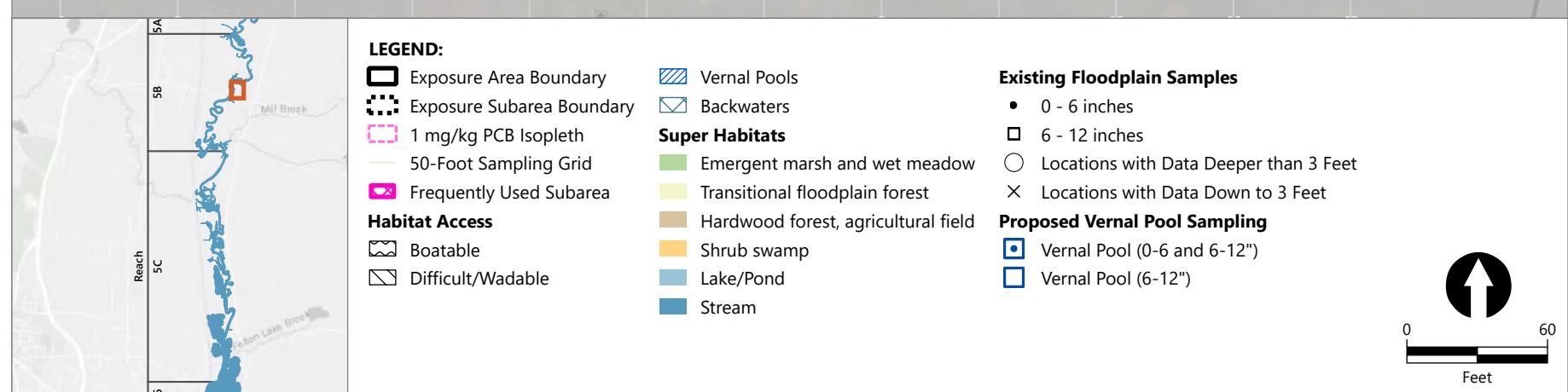
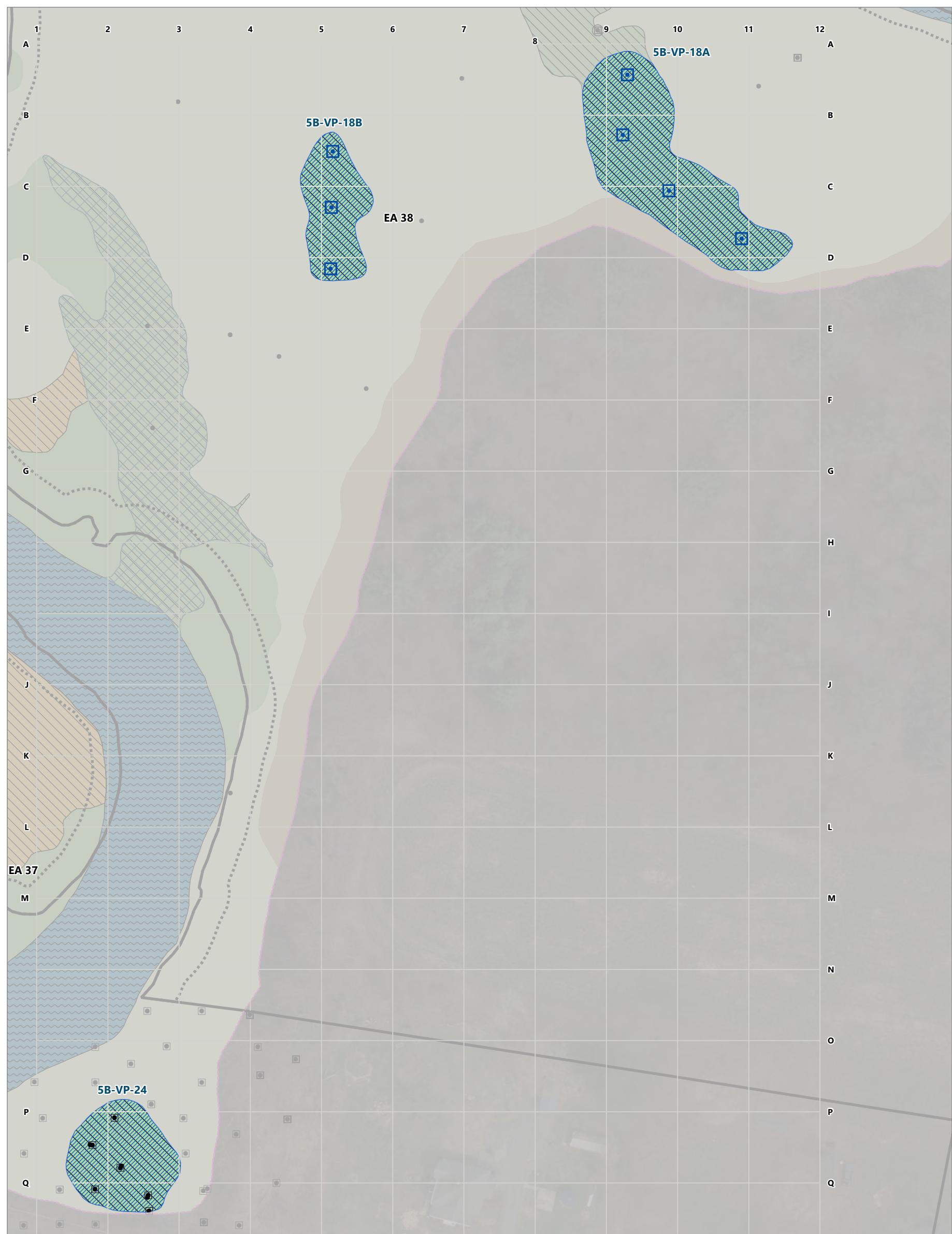
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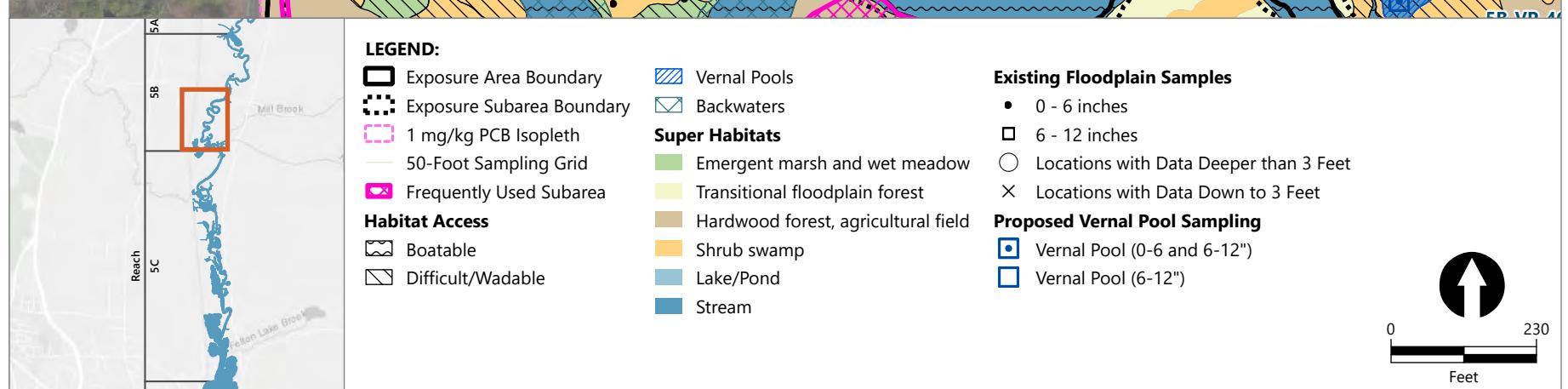
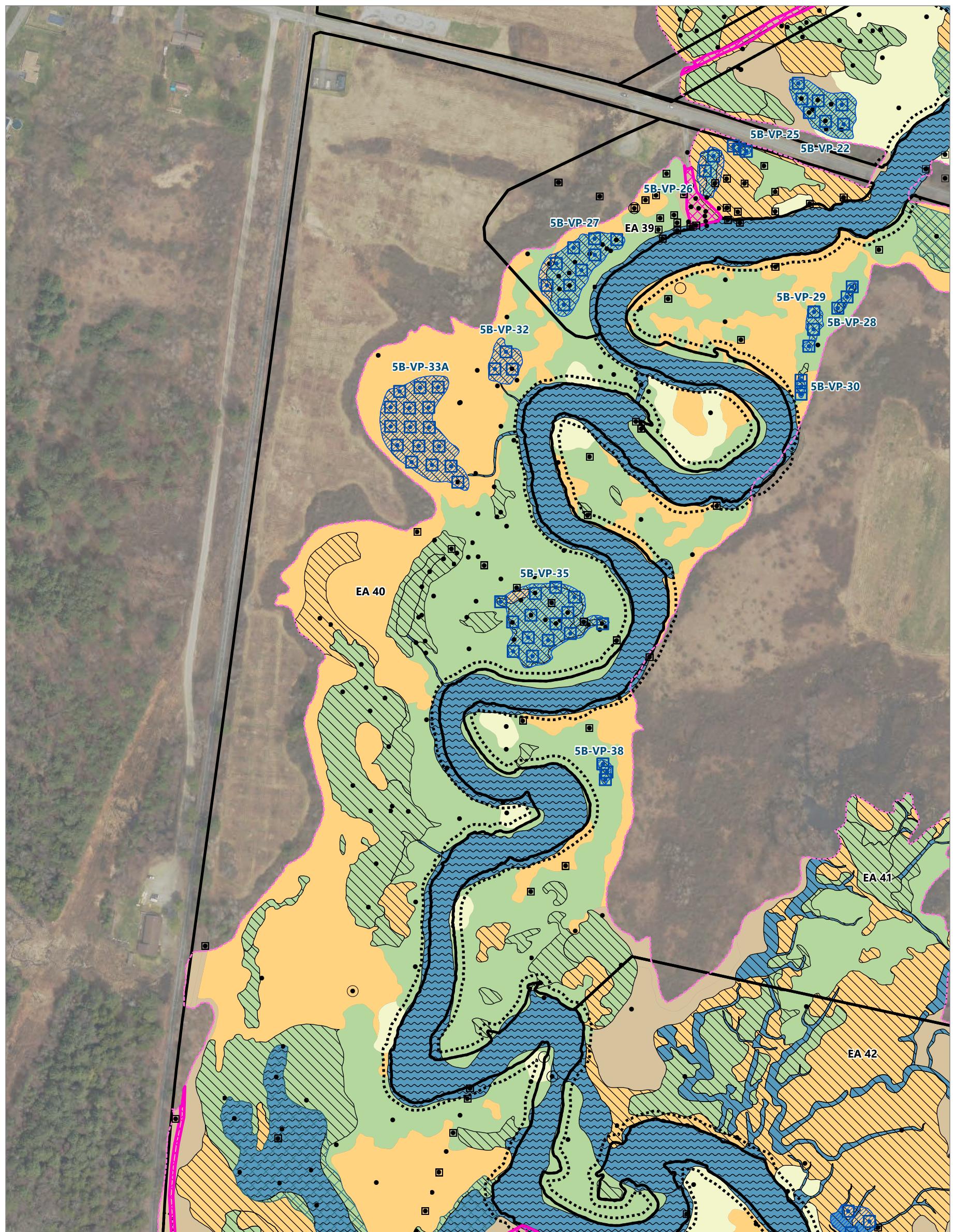
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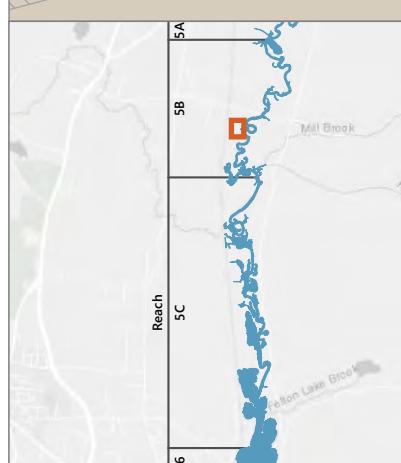
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**LEGEND:**

- Exposure Area Boundary
- Exposure Subarea Boundary
- 1 mg/kg PCB Isopleth
- 50-Foot Sampling Grid
- Frequently Used Subarea
- Habitat Access**
- Boatable
- Difficult/Wadable

**Vernal Pools**
**Backwaters**
**Super Habitats**

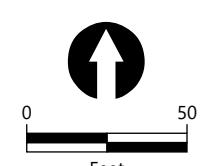
- Emergent marsh and wet meadow
- Transitional floodplain forest
- Hardwood forest, agricultural field
- Shrub swamp
- Lake/Pond
- Stream

**Existing Floodplain Samples**

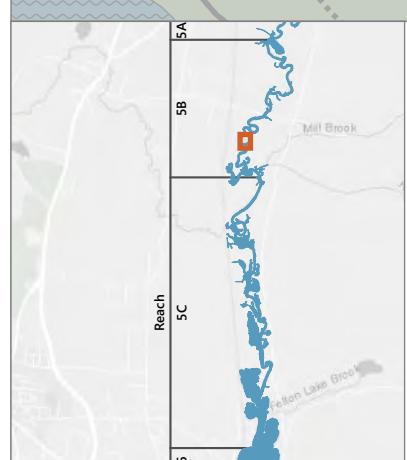
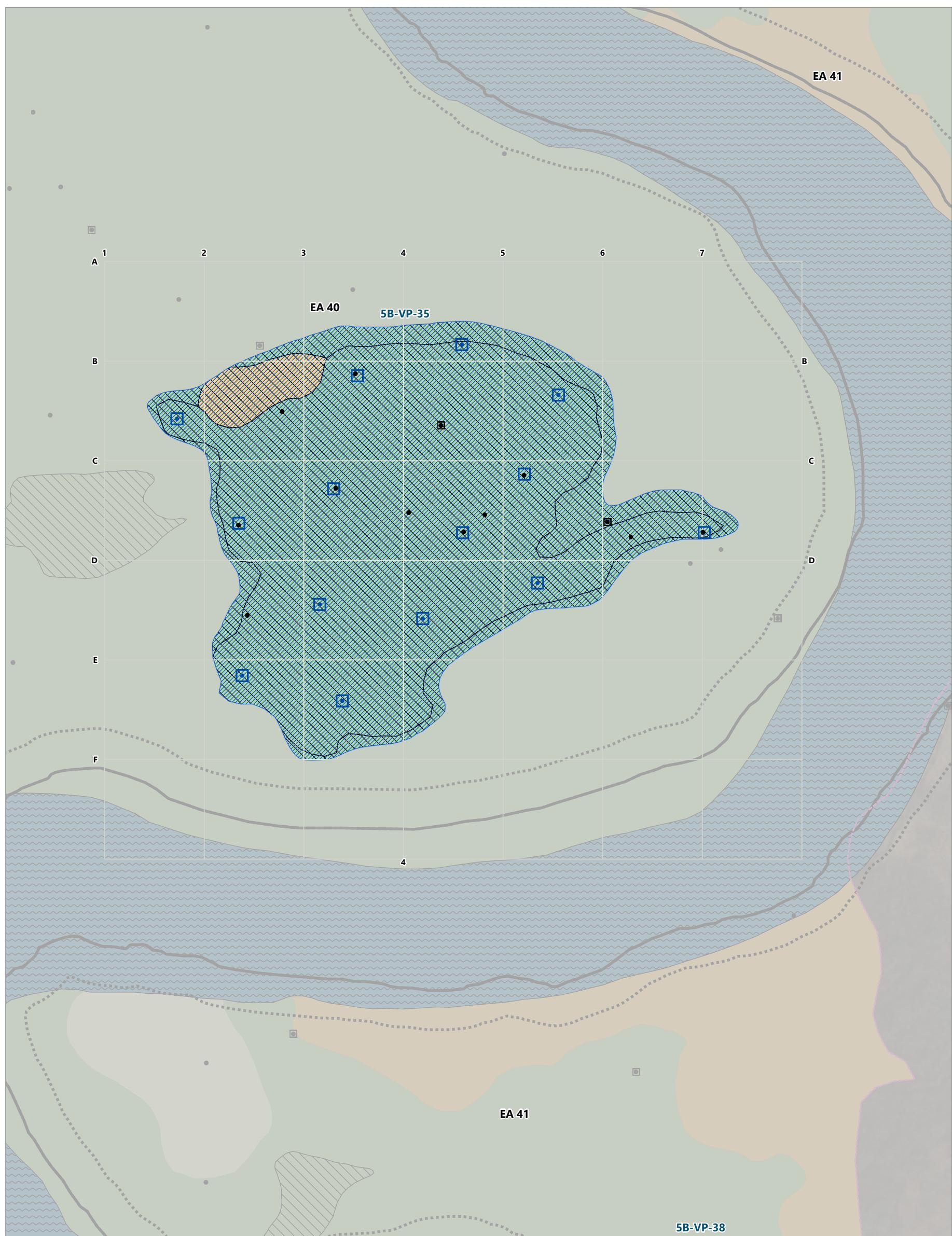
- 0 - 6 inches
- 6 - 12 inches
- Locations with Data Deeper than 3 Feet
- ×

**Proposed Vernal Pool Sampling**

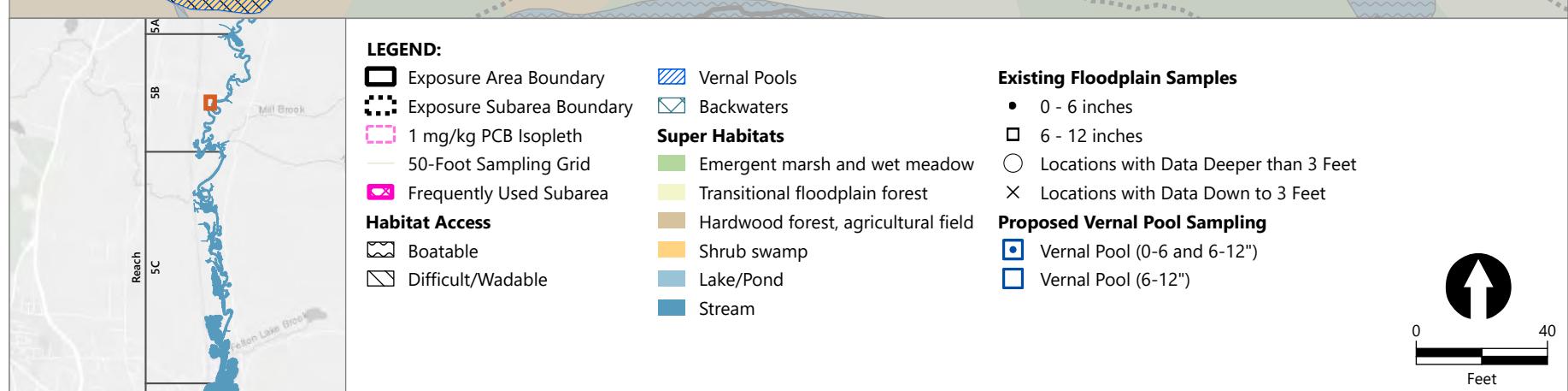
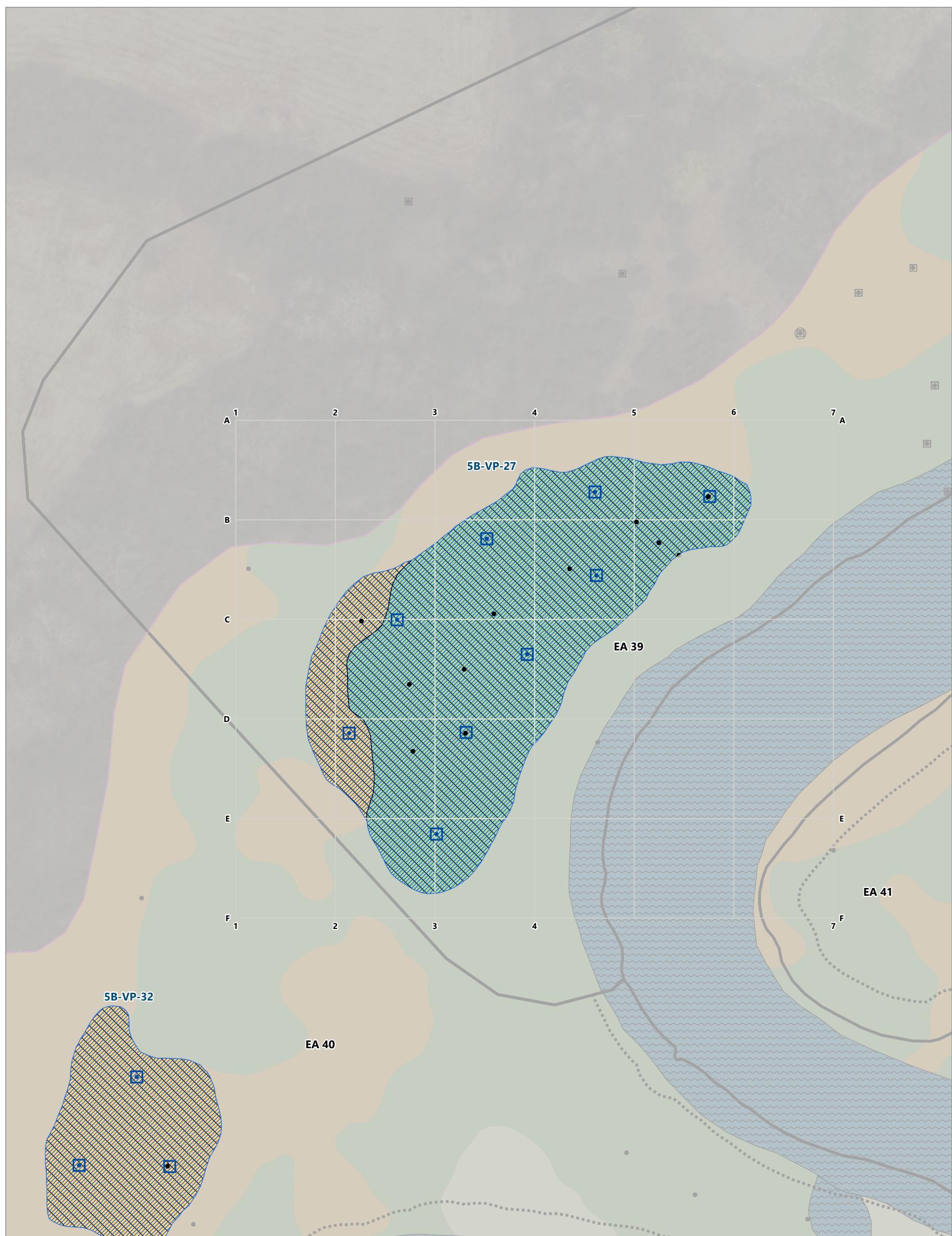
- Vernal Pool (0-6 and 6-12")
- Vernal Pool (6-12")



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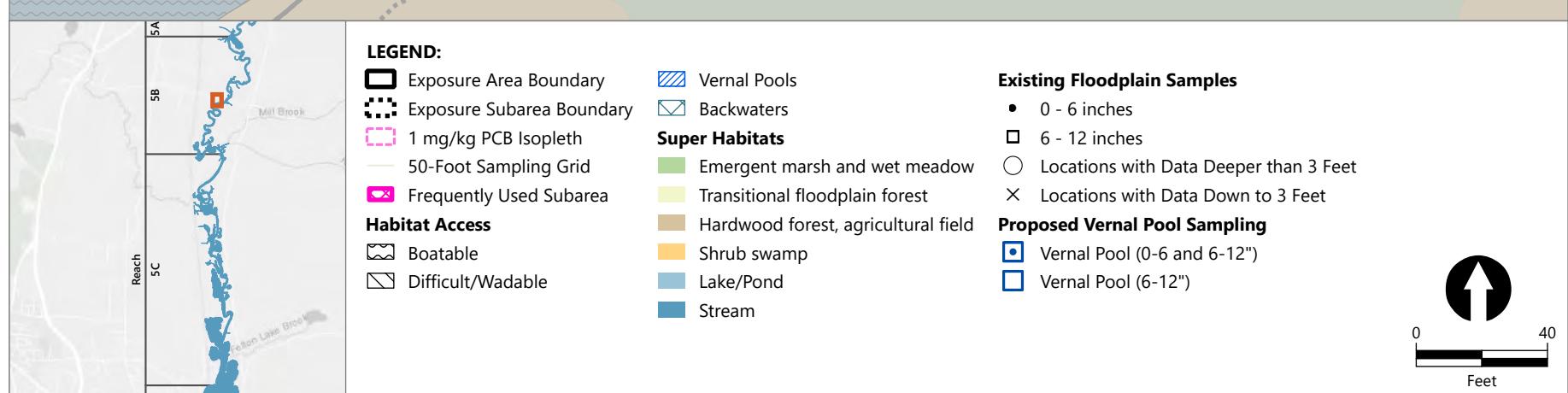
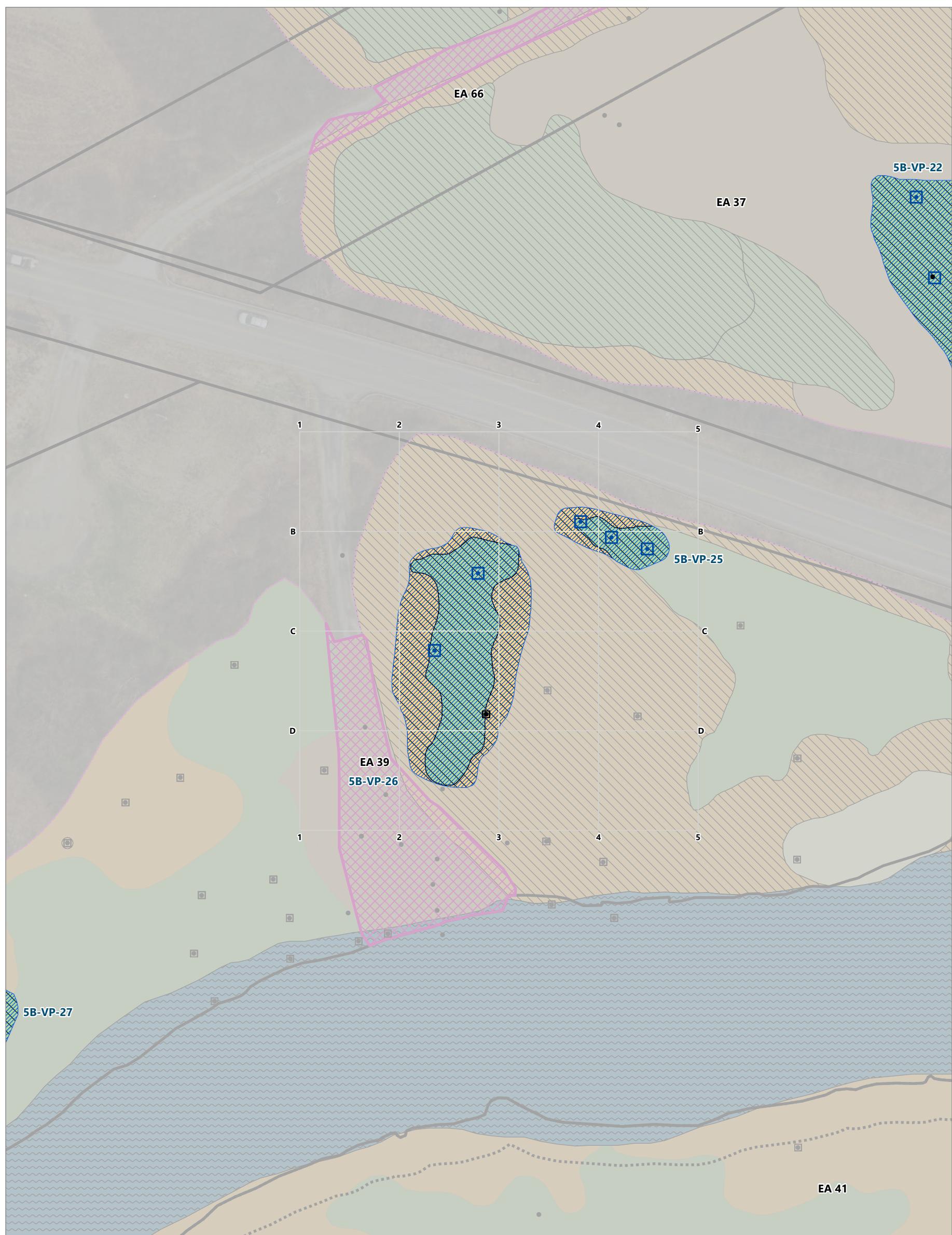
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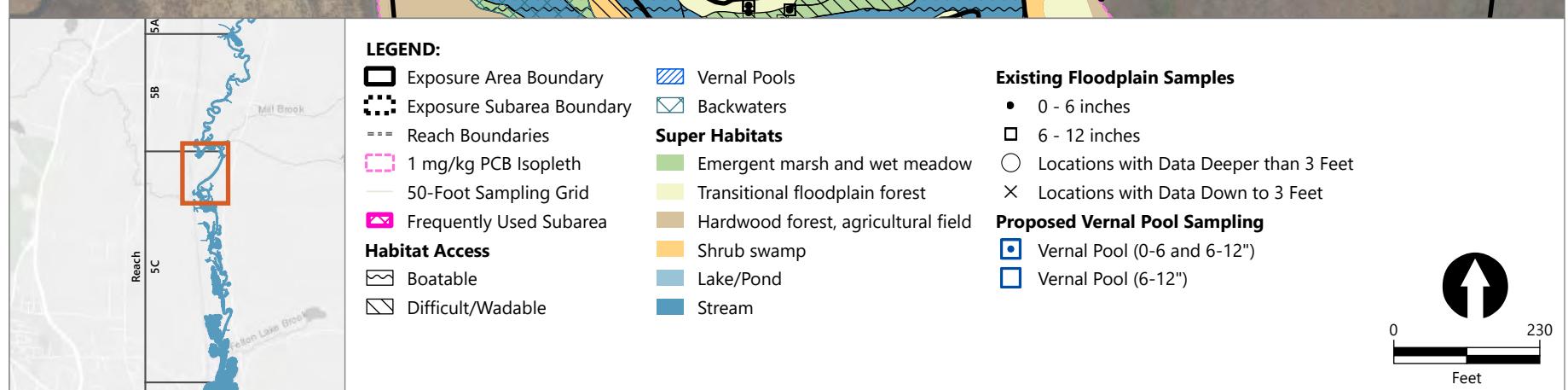
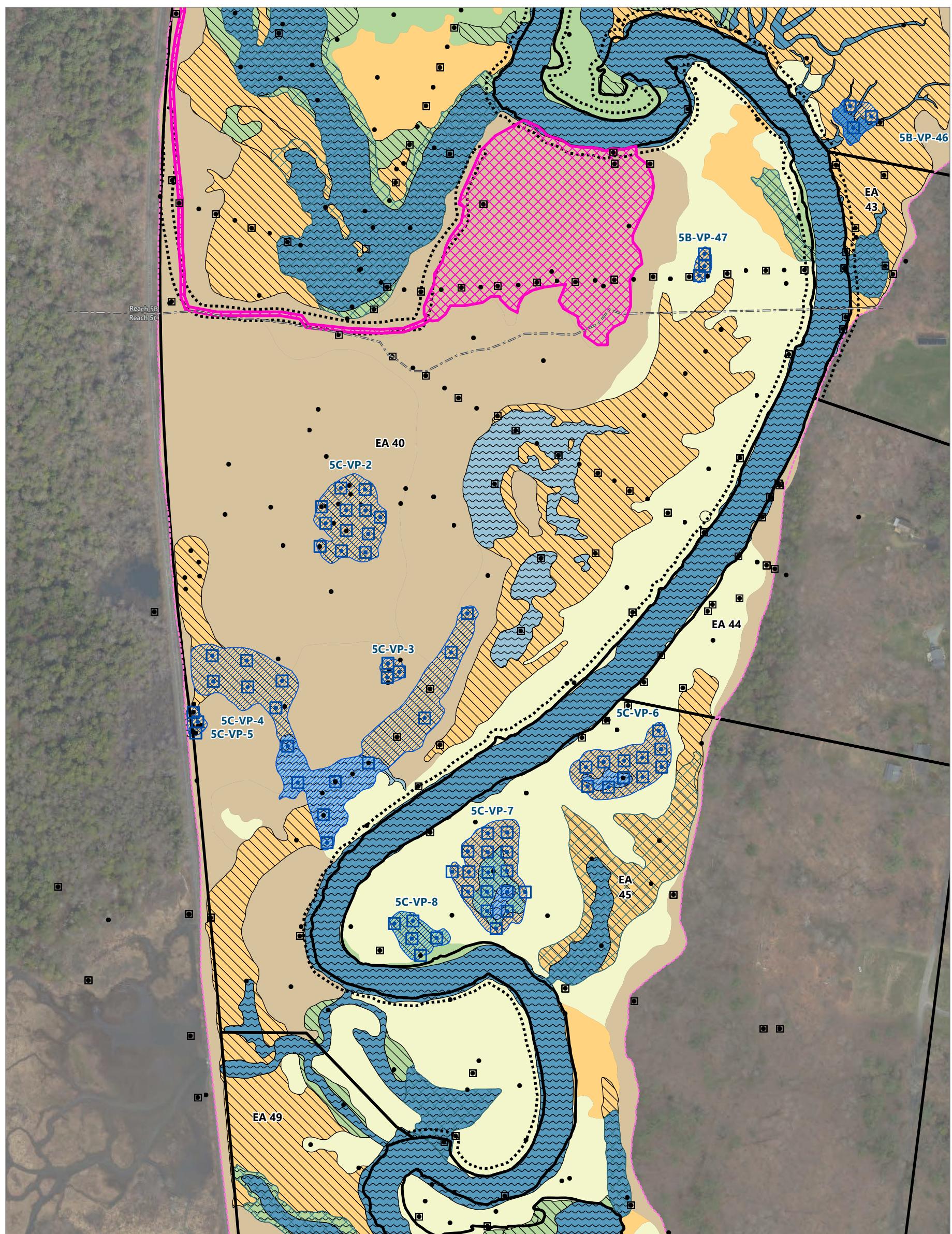
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ANCHOR  
- QEA

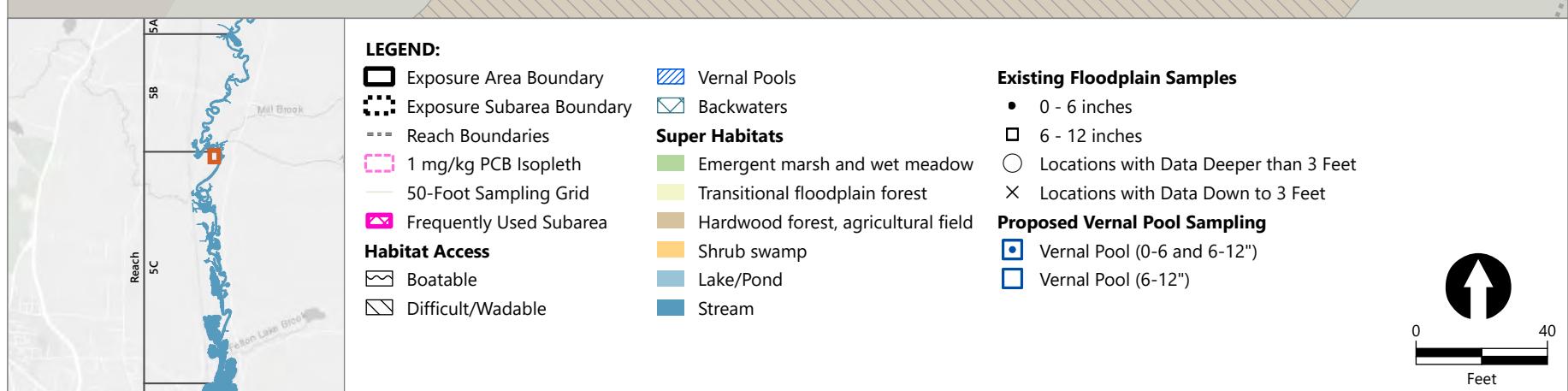
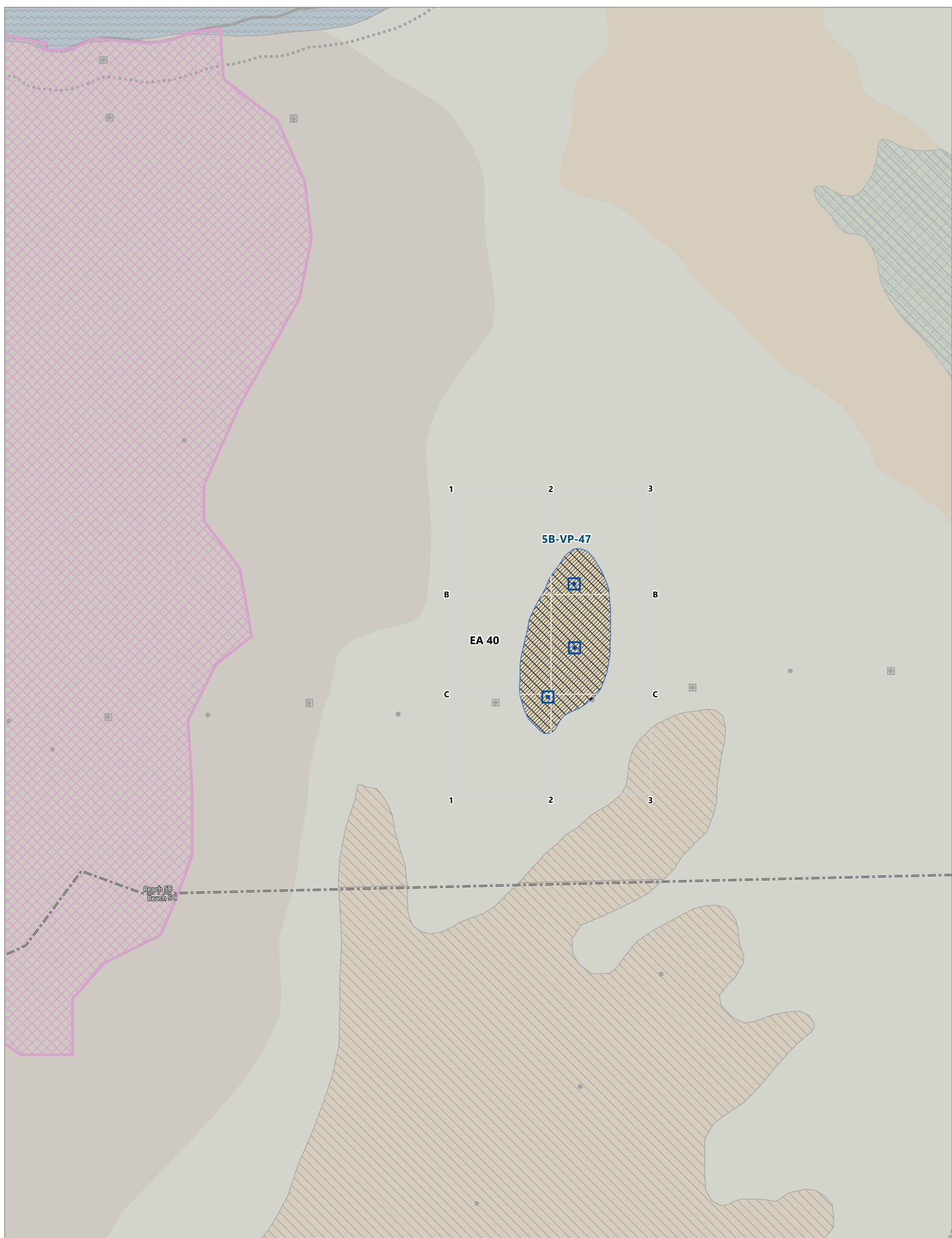
## Figure 4-39 **Exposure Area 39: Vernal Pool 5B-VP-27**



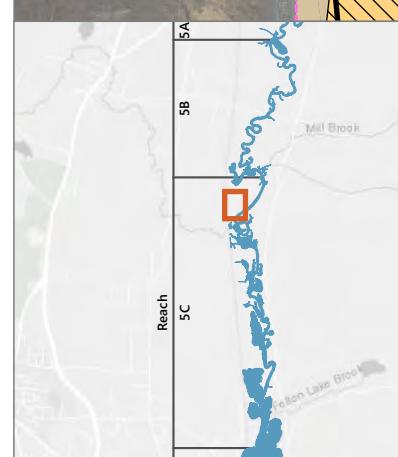
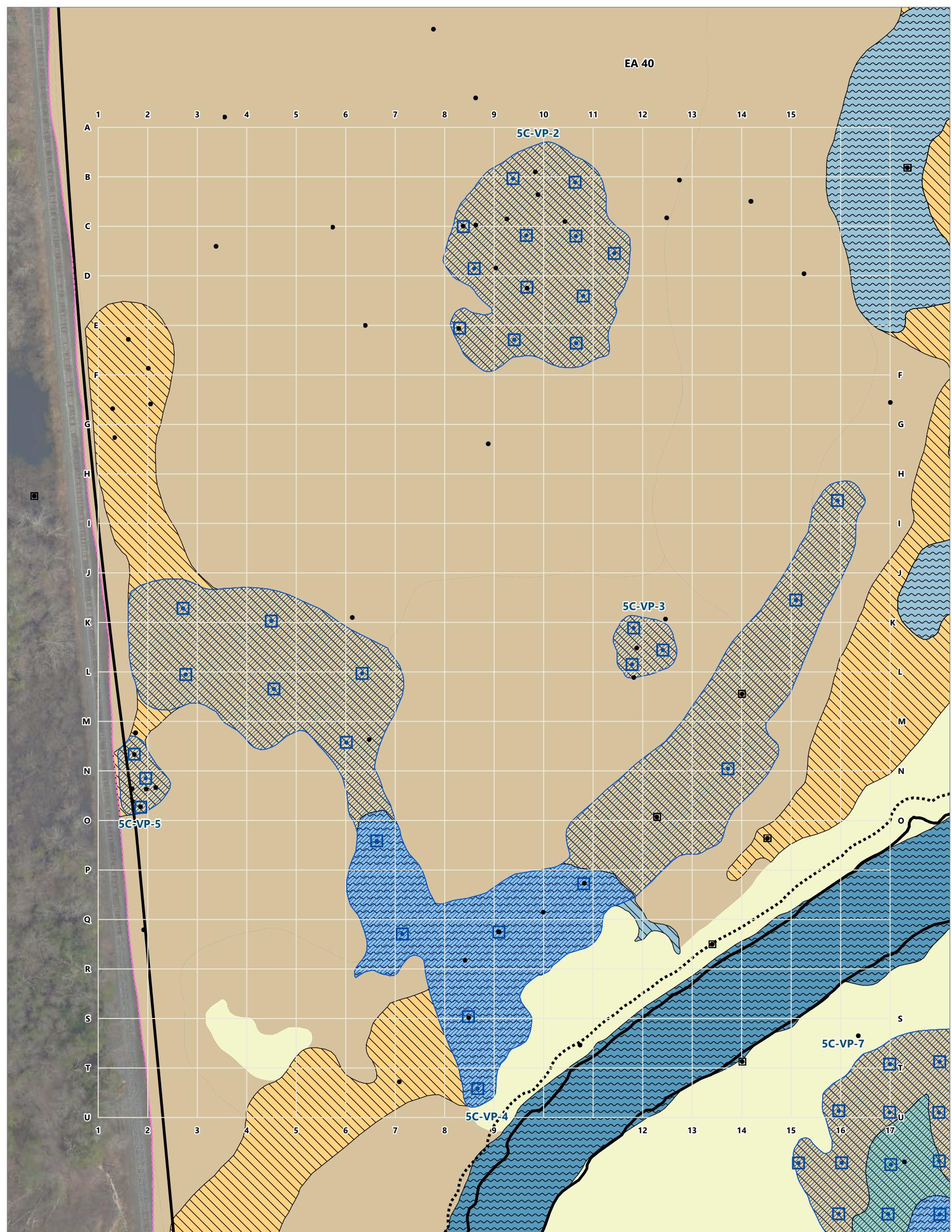
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**LEGEND:**

- Exposure Area Boundary
- Exposure Subarea Boundary
- 1 mg/kg PCB Isopleth
- 50-Foot Sampling Grid
- Frequently Used Subarea
- Habitat Access**
  - Boatable
  - Difficult/Wadable

**Vernal Pools**

**Backwaters**

**Super Habitats**

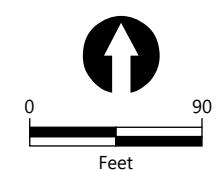
- Emergent marsh and wet meadow
- Transitional floodplain forest
- Hardwood forest, agricultural field
- Shrub swamp
- Lake/Pond
- Stream

**Existing Floodplain Samples**

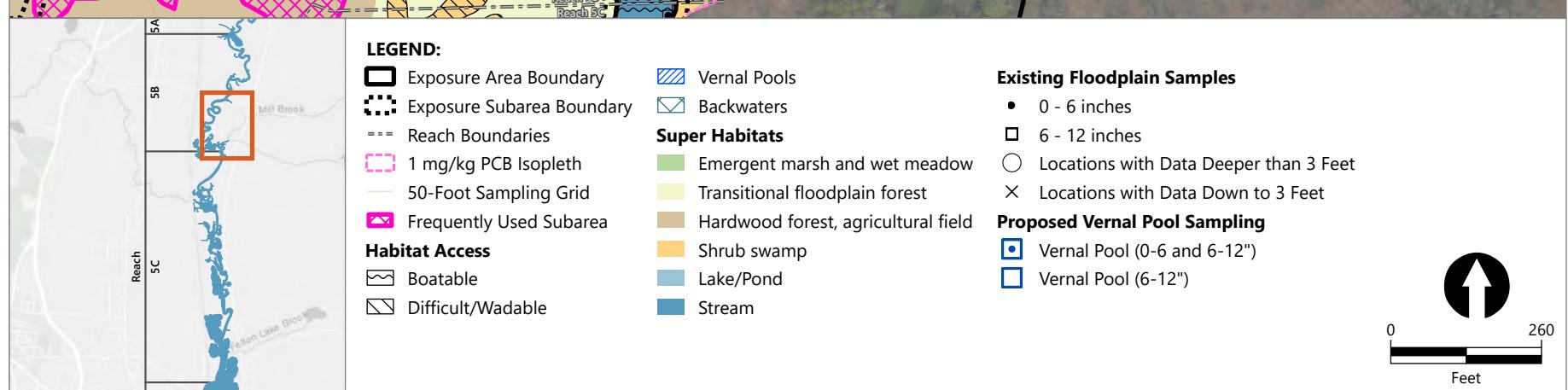
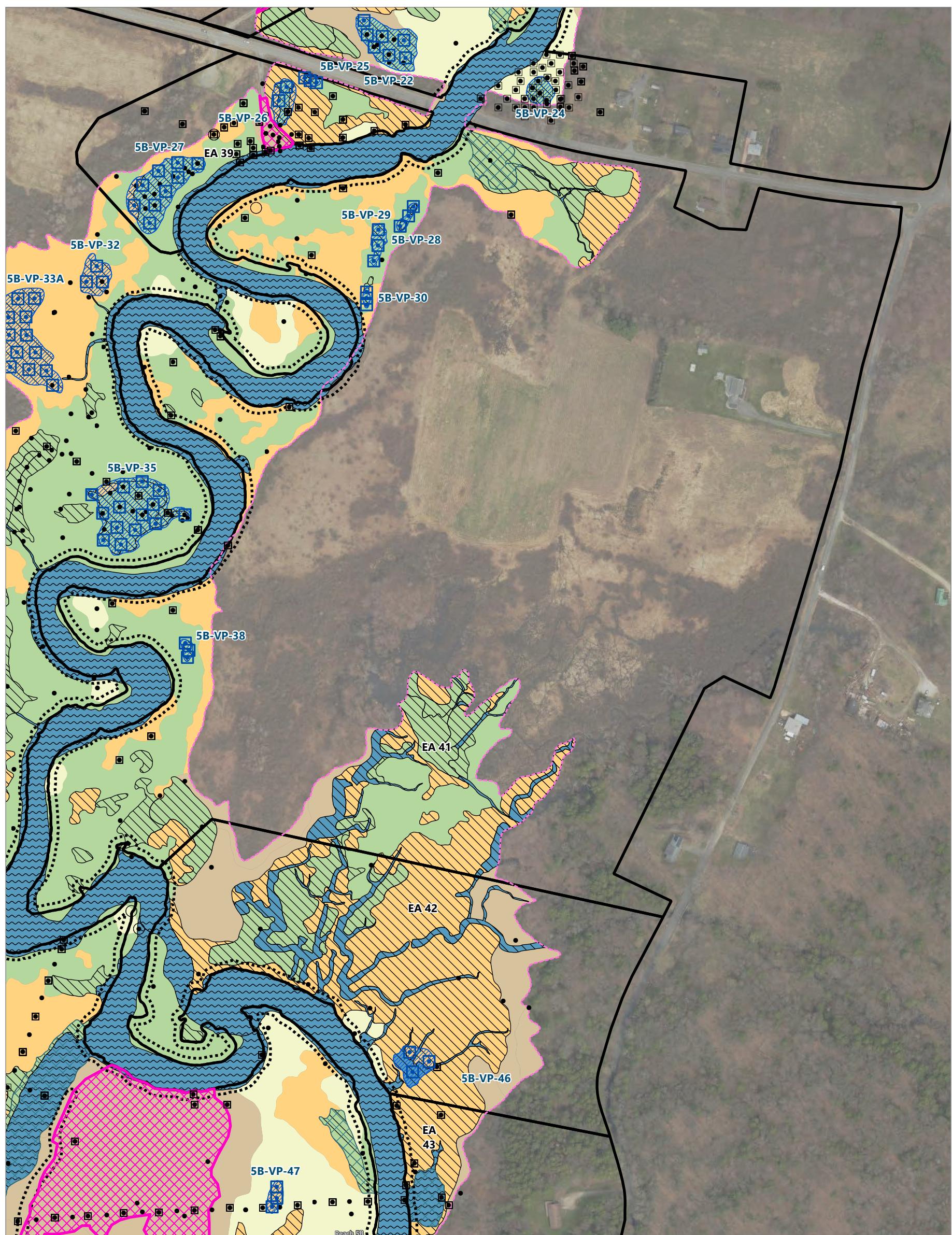
- 0 - 6 inches
- 6 - 12 inches
- Locations with Data Deeper than 3 Feet
- Locations with Data Down to 3 Feet

**Proposed Vernal Pool Sampling**

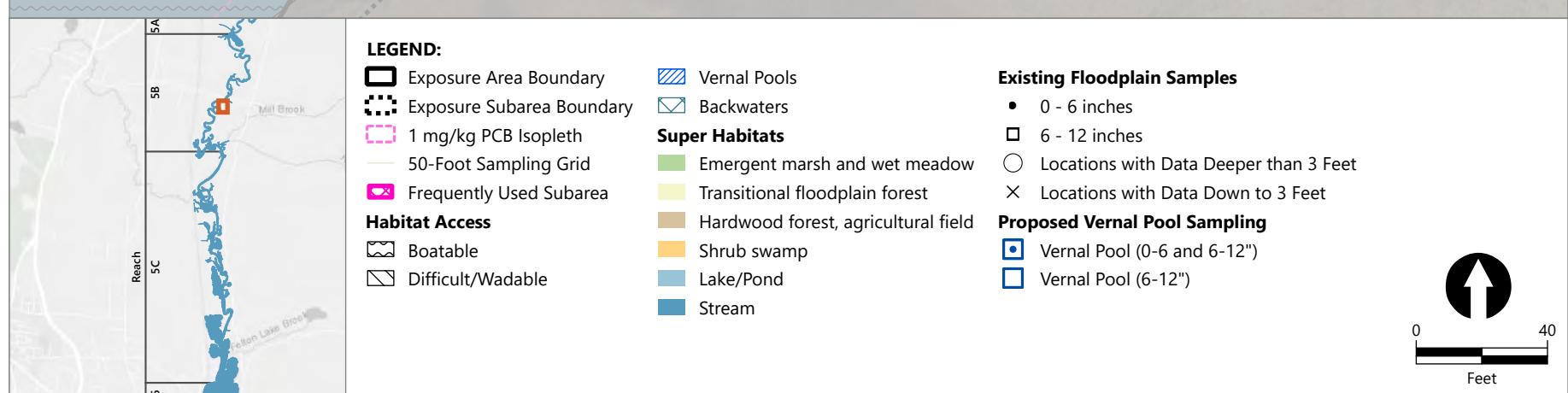
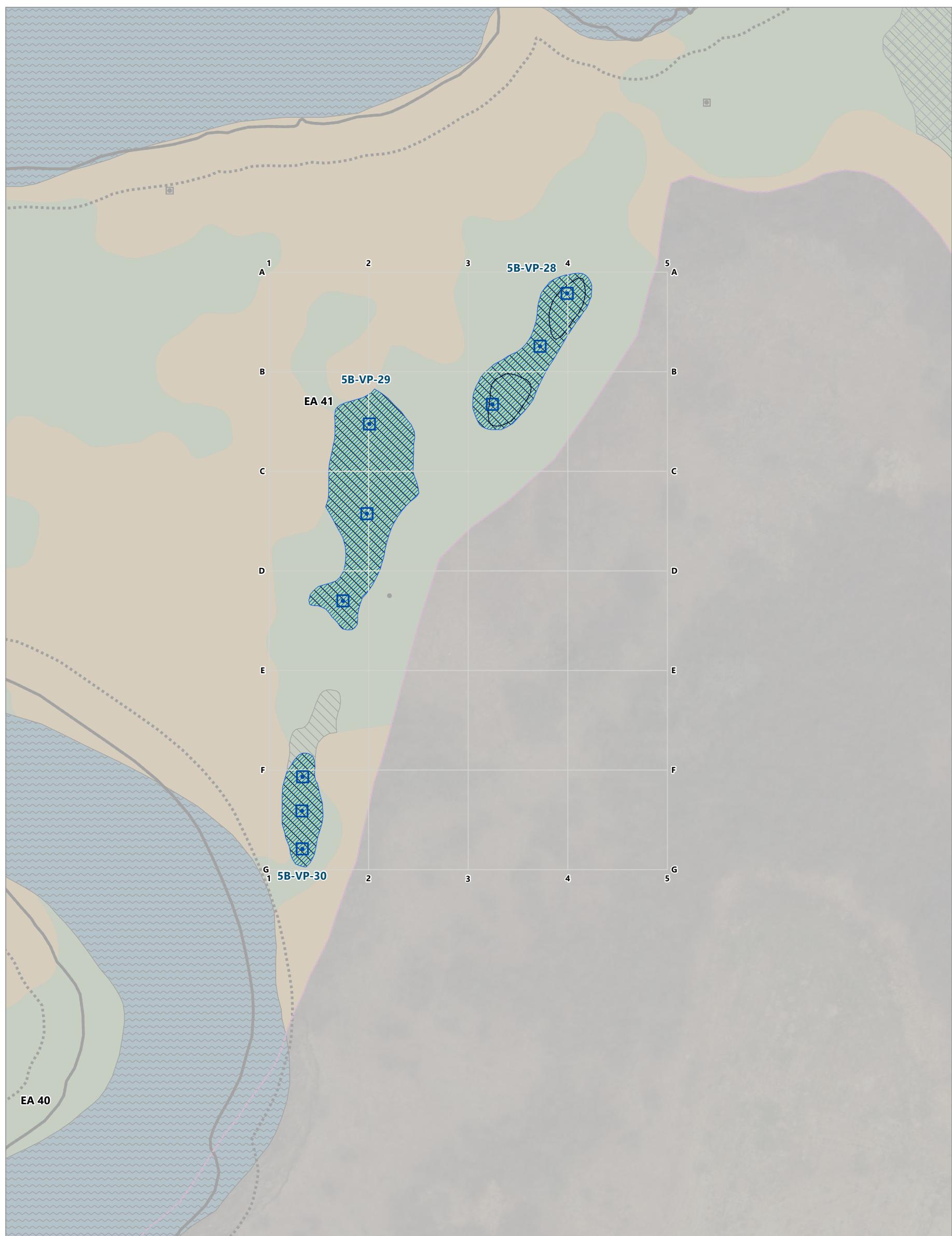
- Vernal Pool (0-6 and 6-12")
- Vernal Pool (6-12")



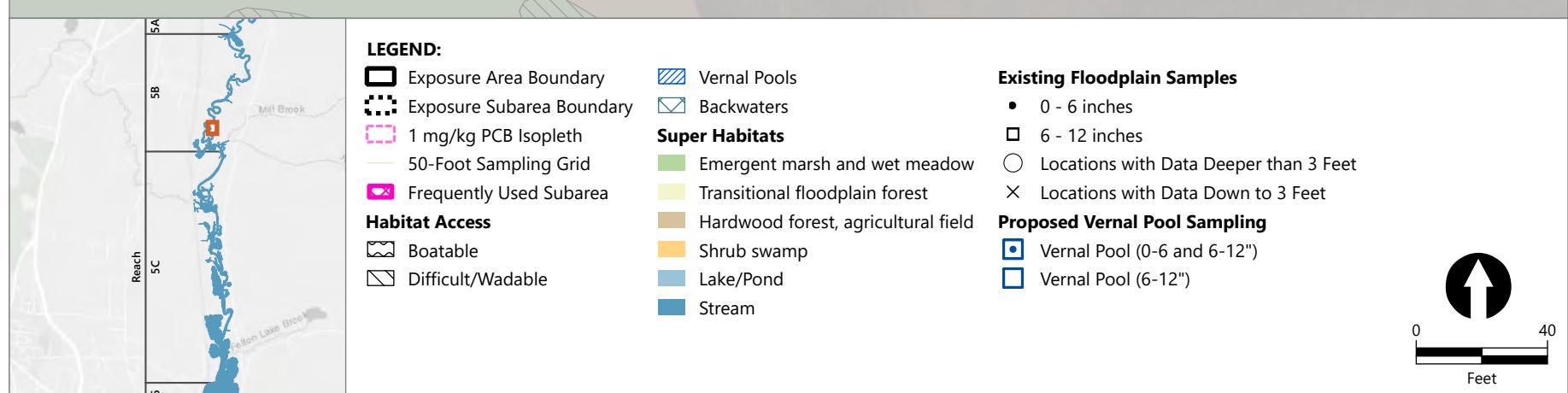
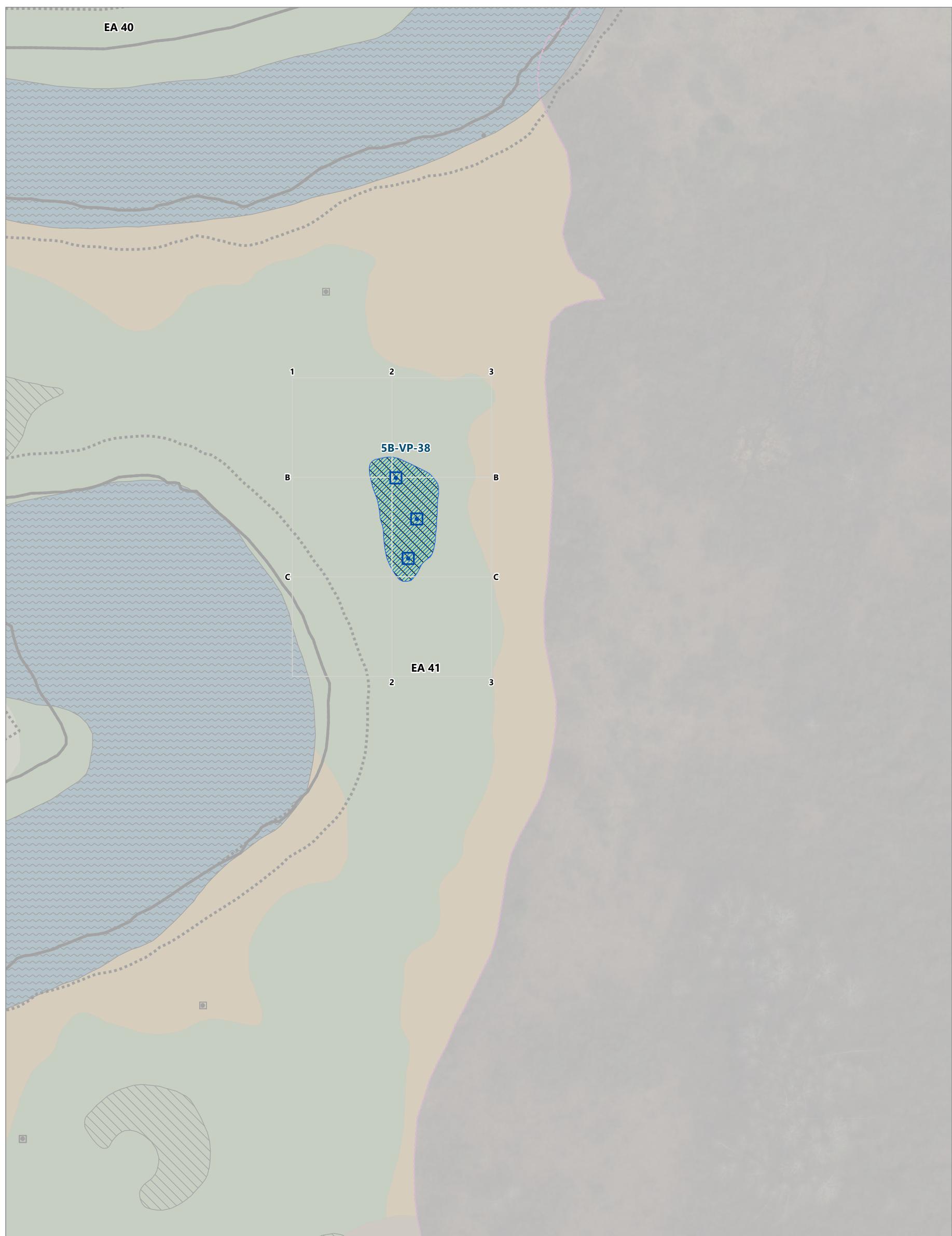
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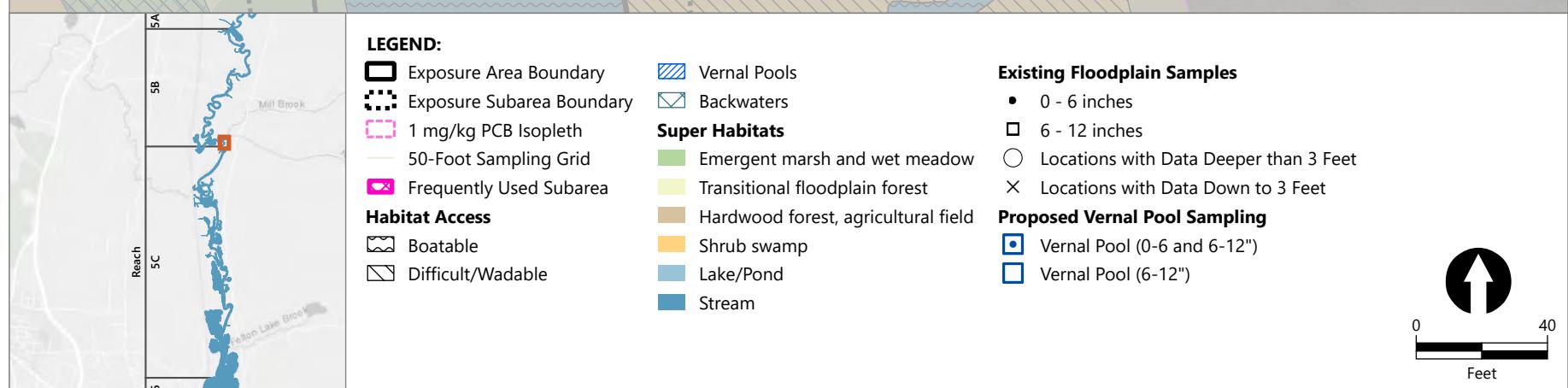
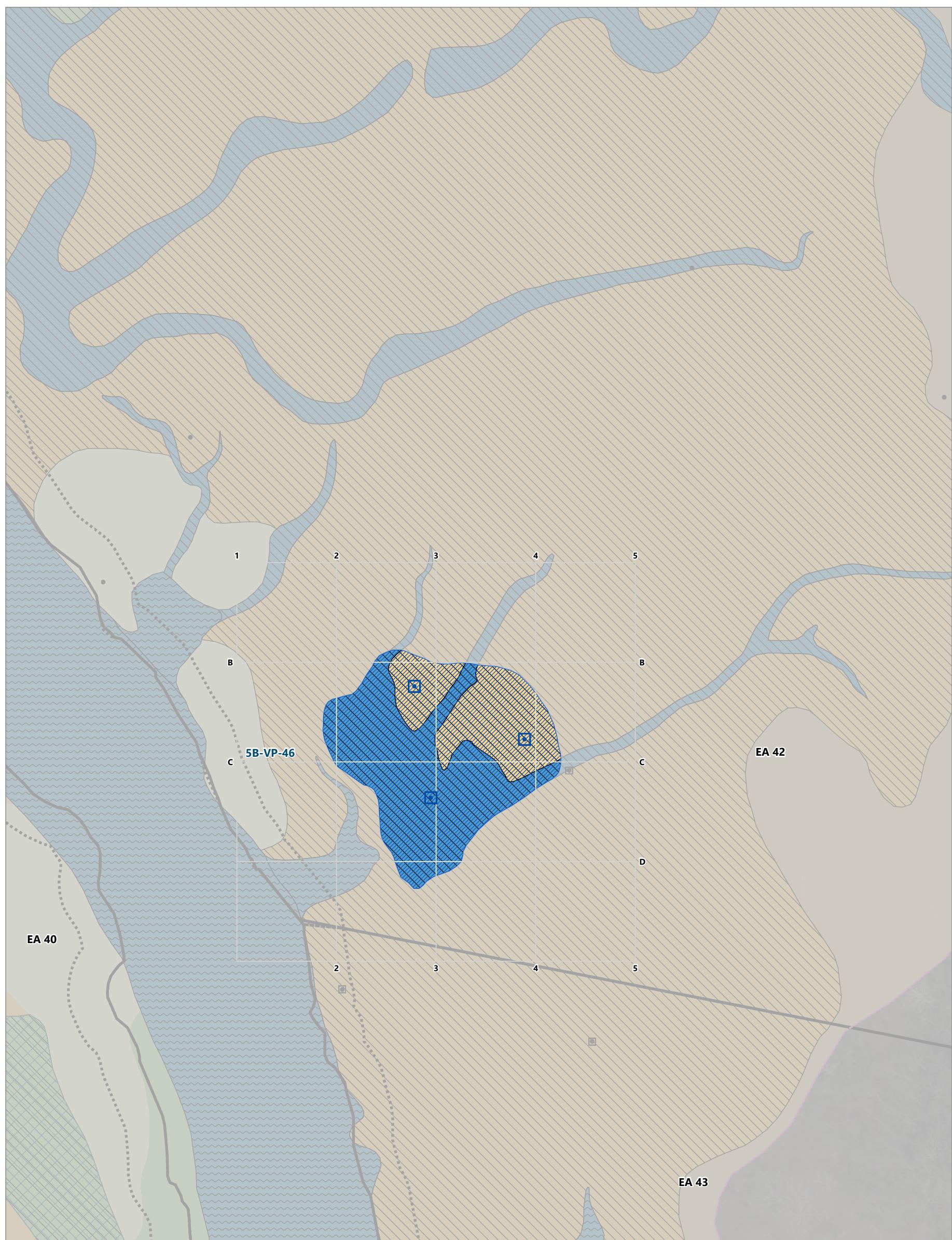
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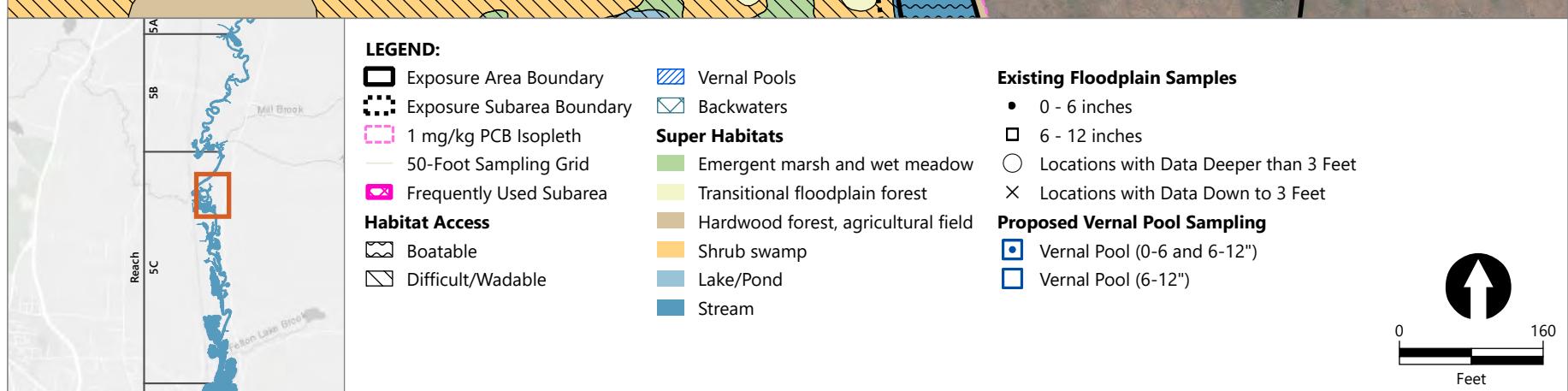
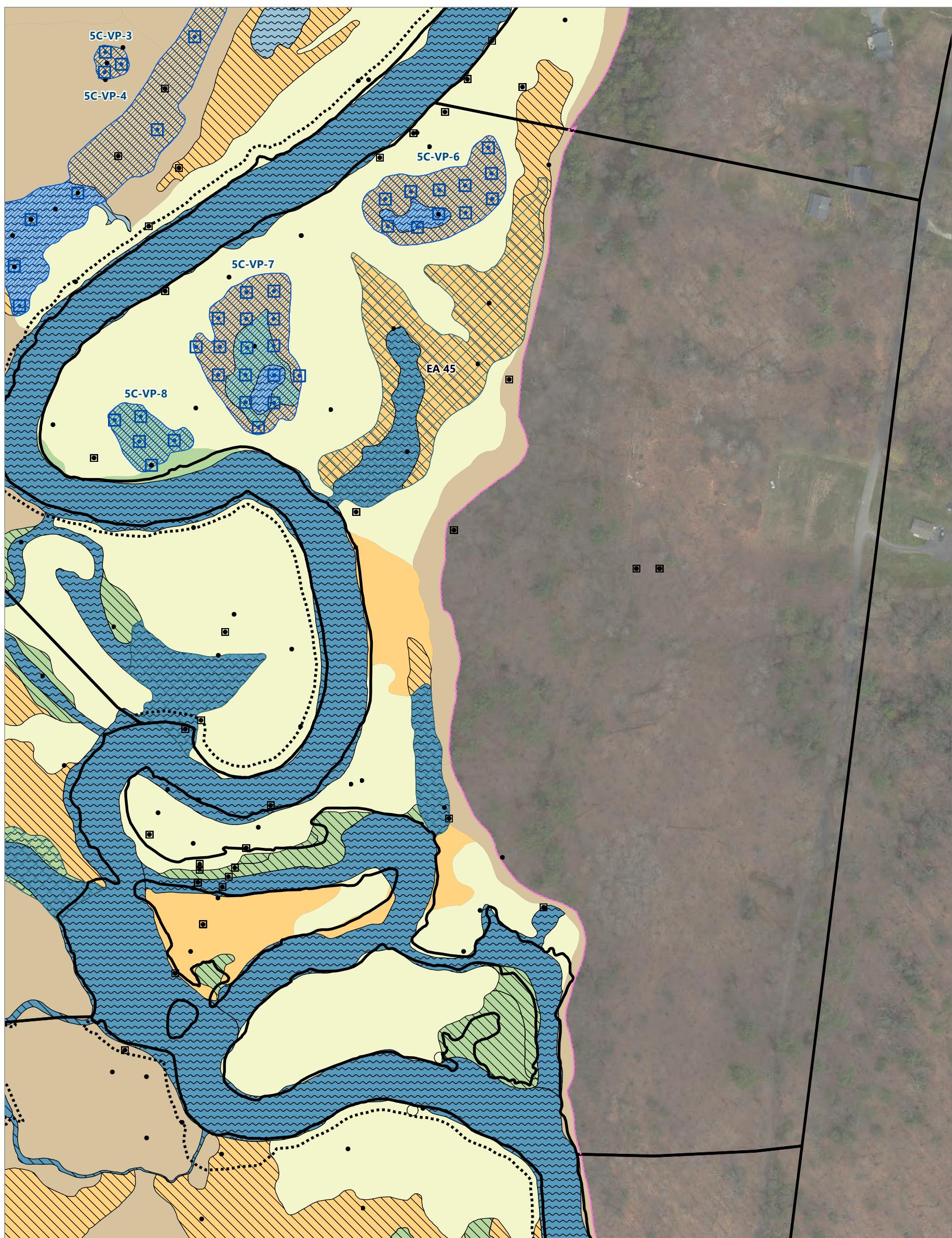
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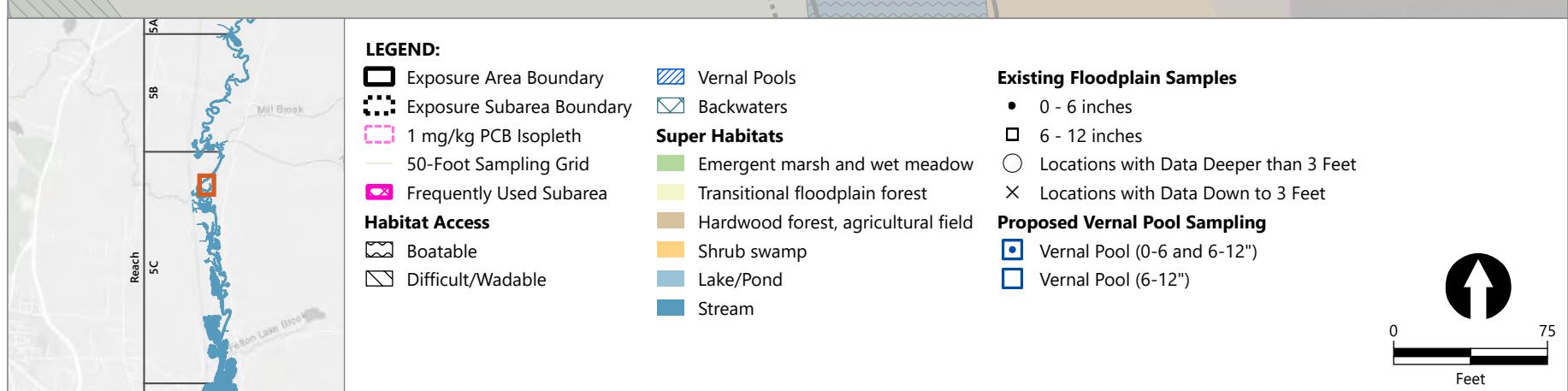
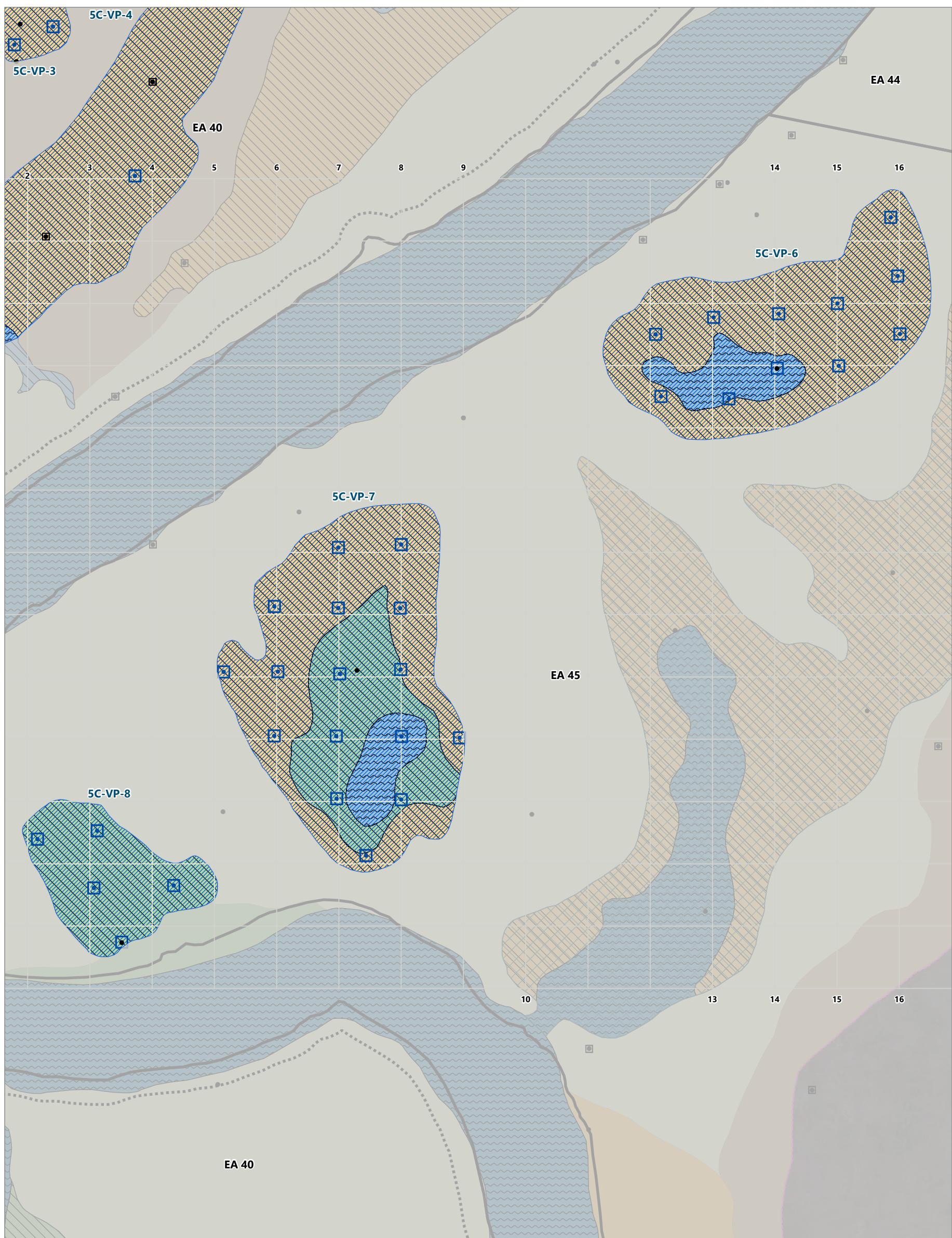
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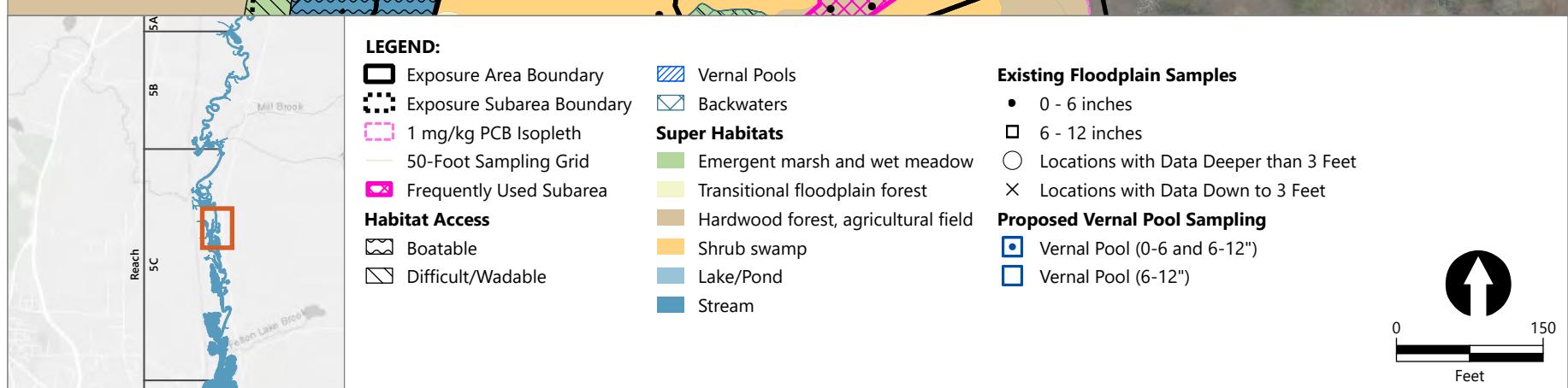
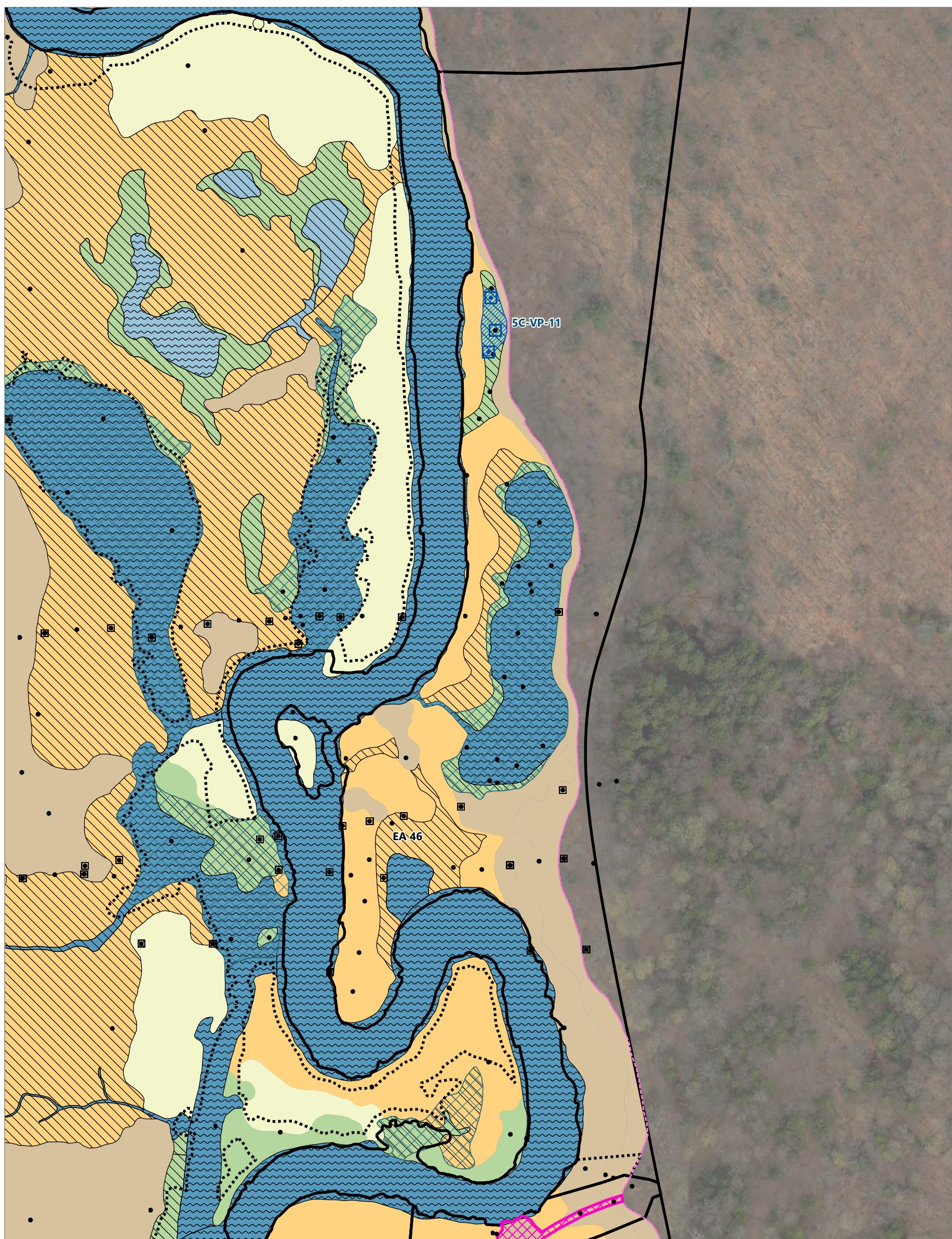


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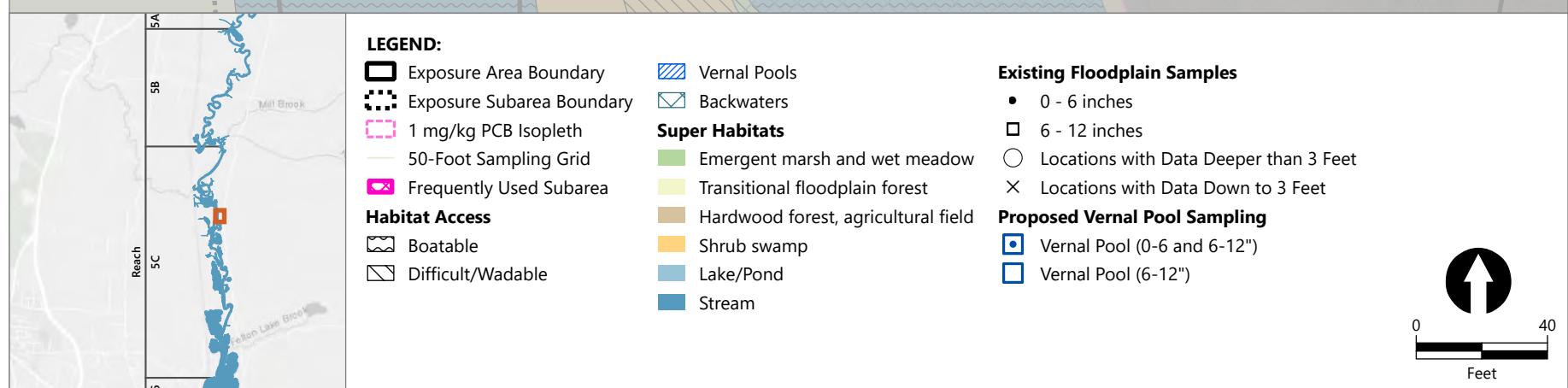
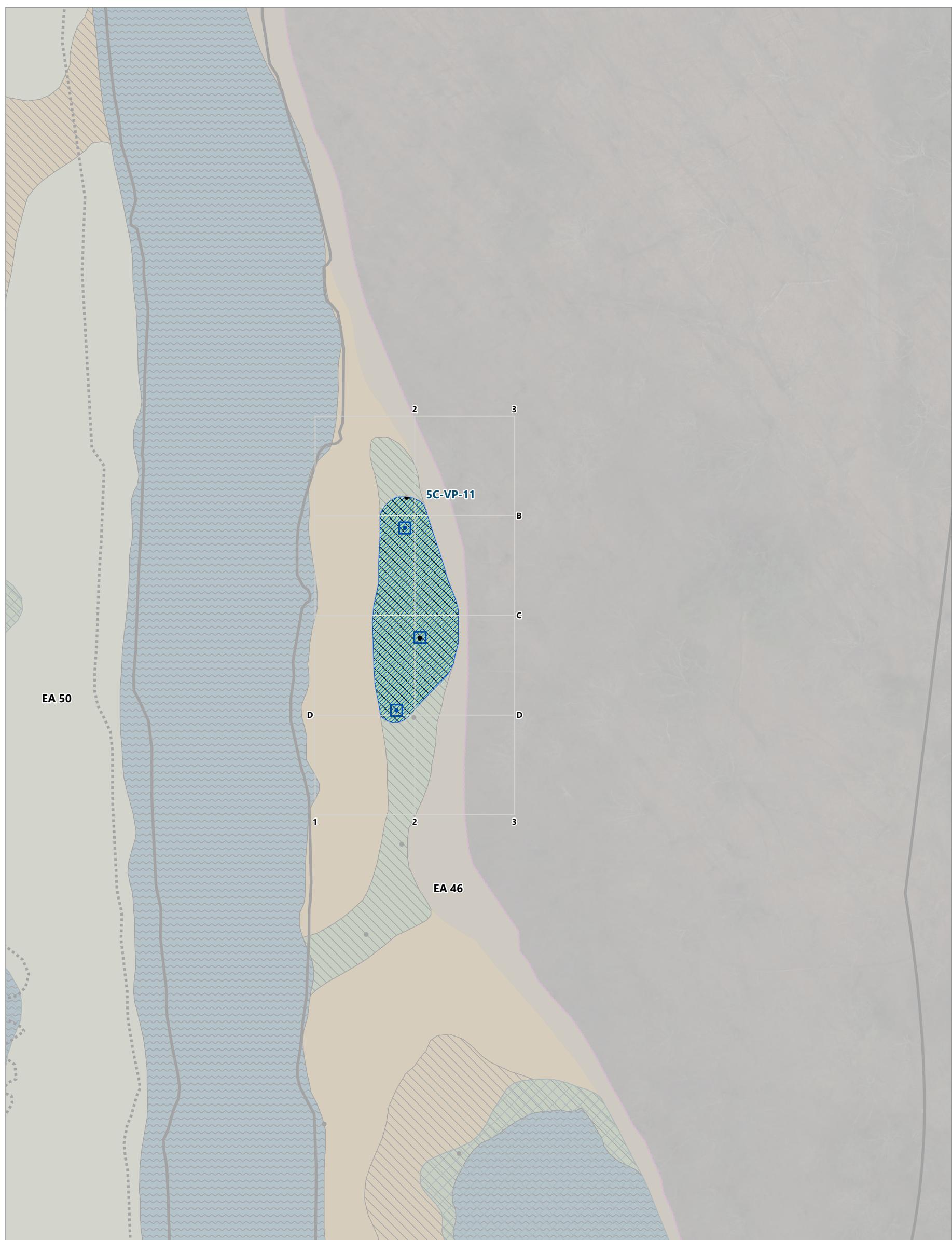


**Figure 4-49**  
**Exposure Area 45: Vernal Pools 5C-VP-6, 5C-VP-7, and 5C-VP-8**

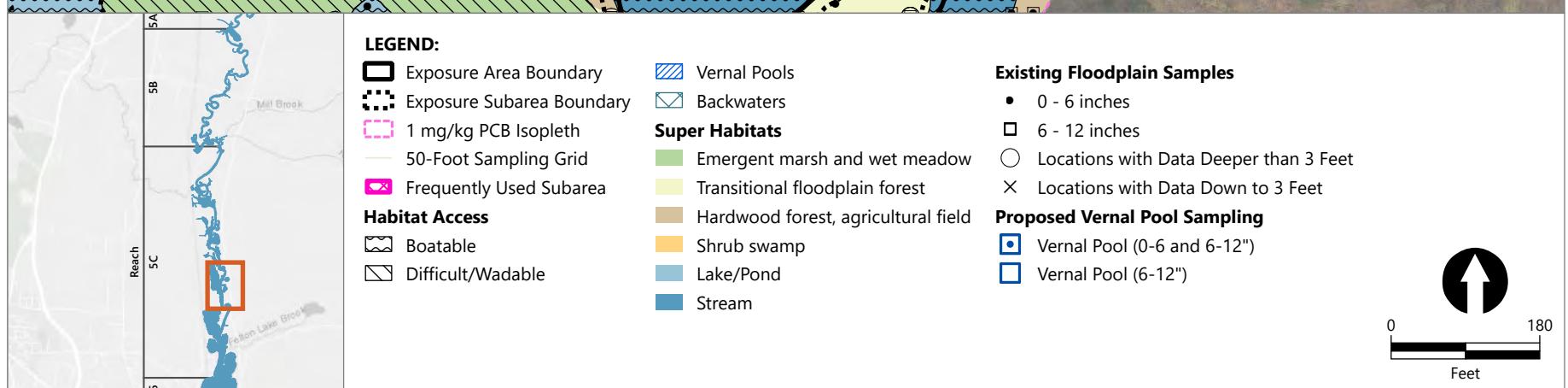
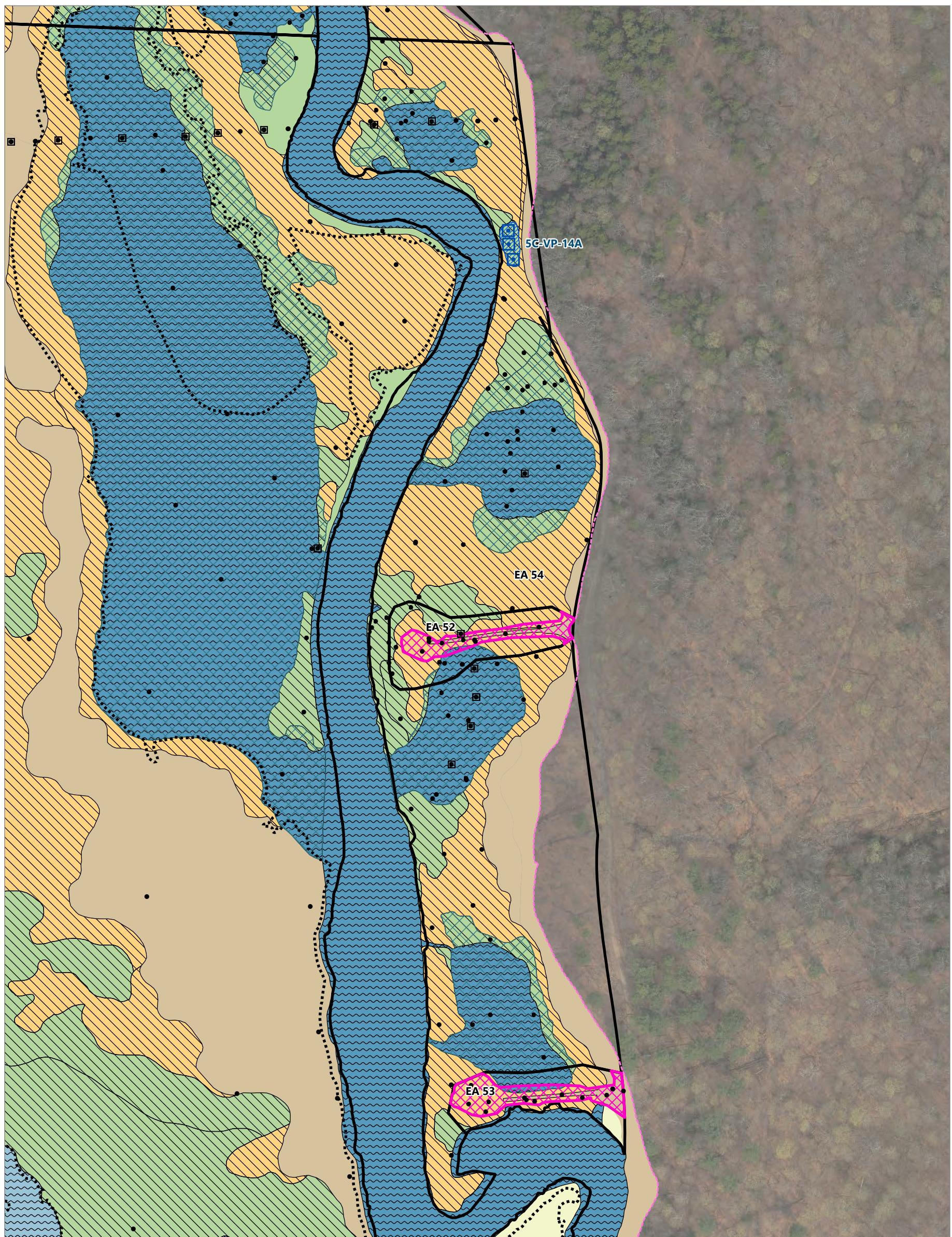
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Housatonic River – Rest of River



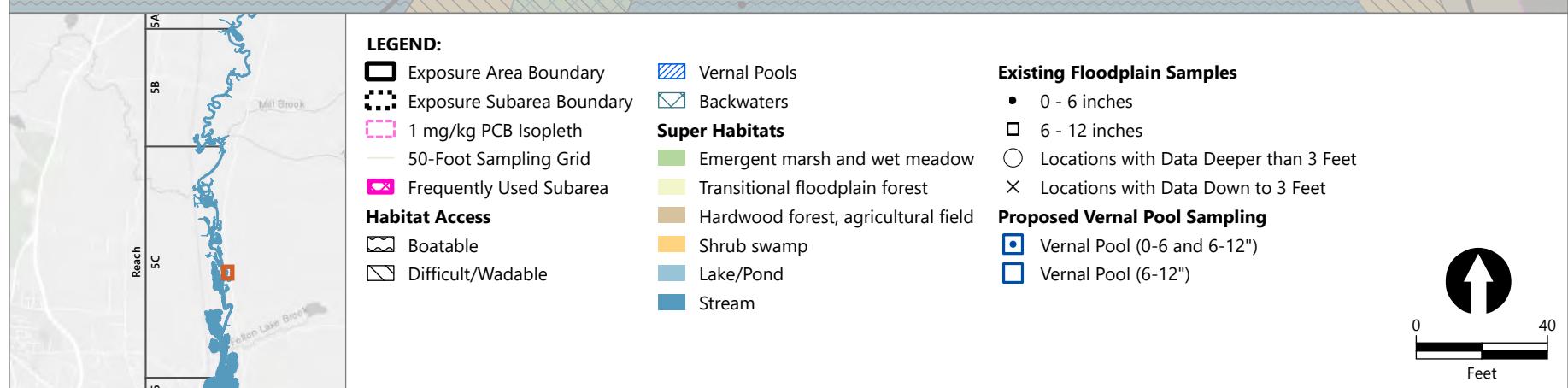
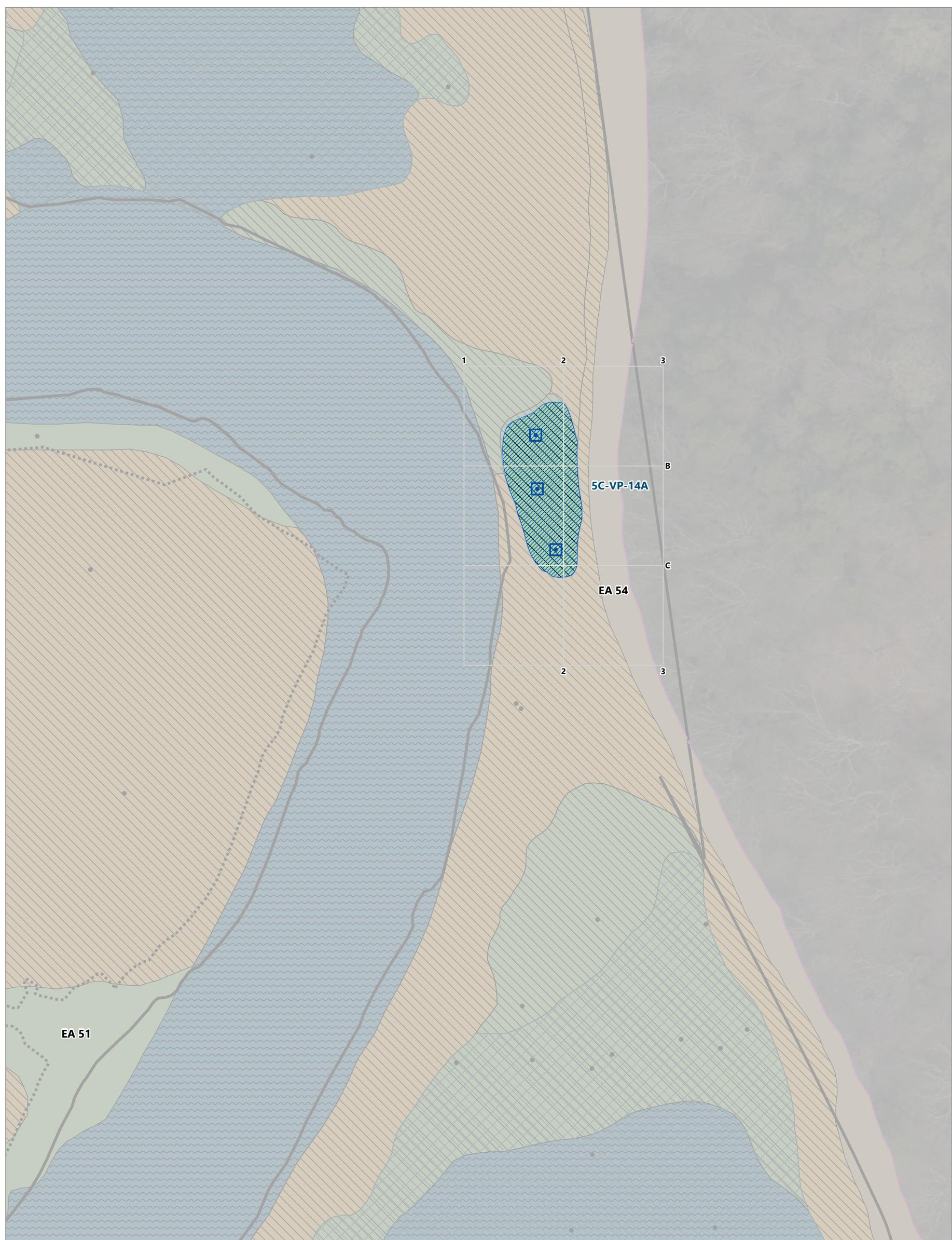
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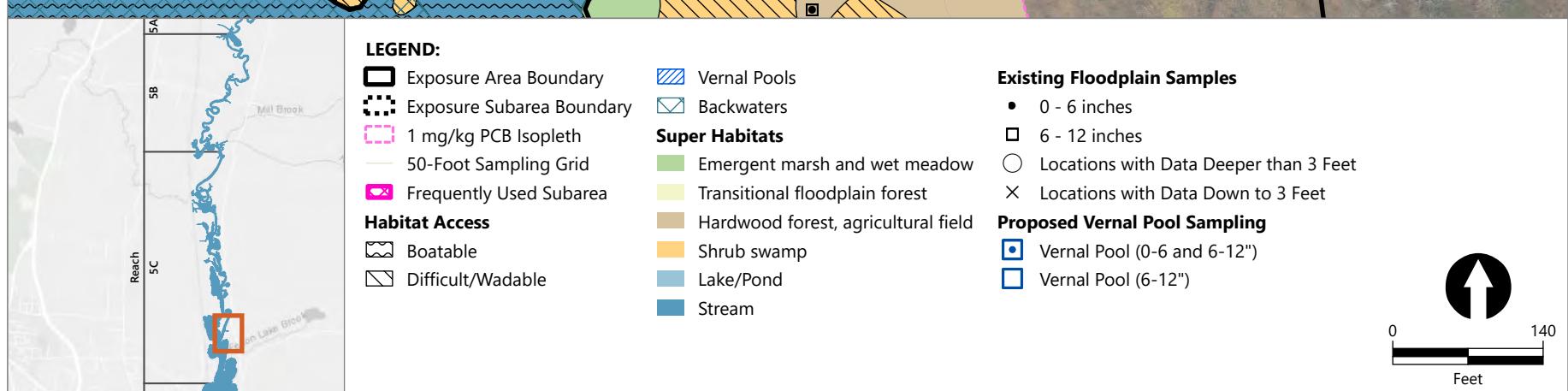
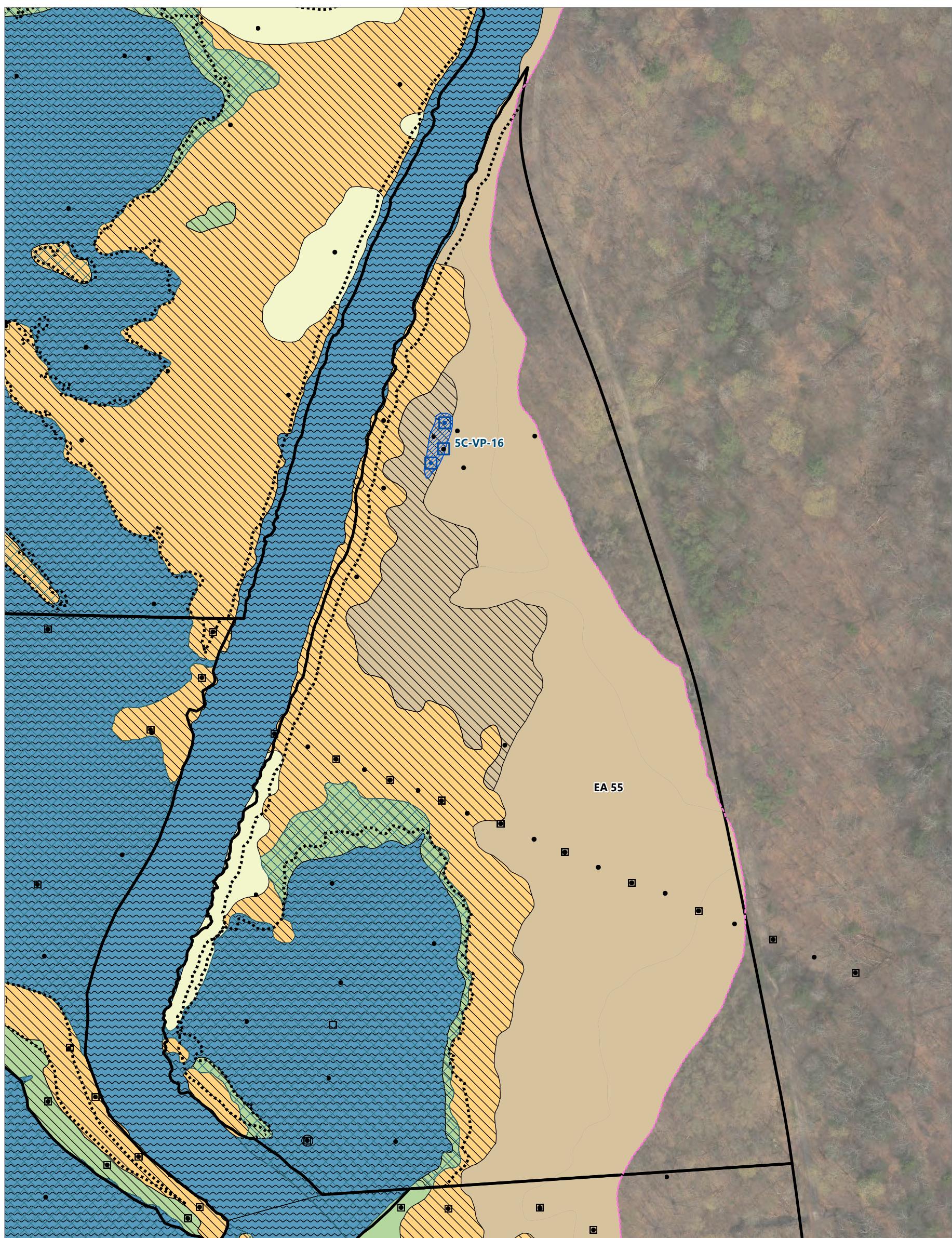
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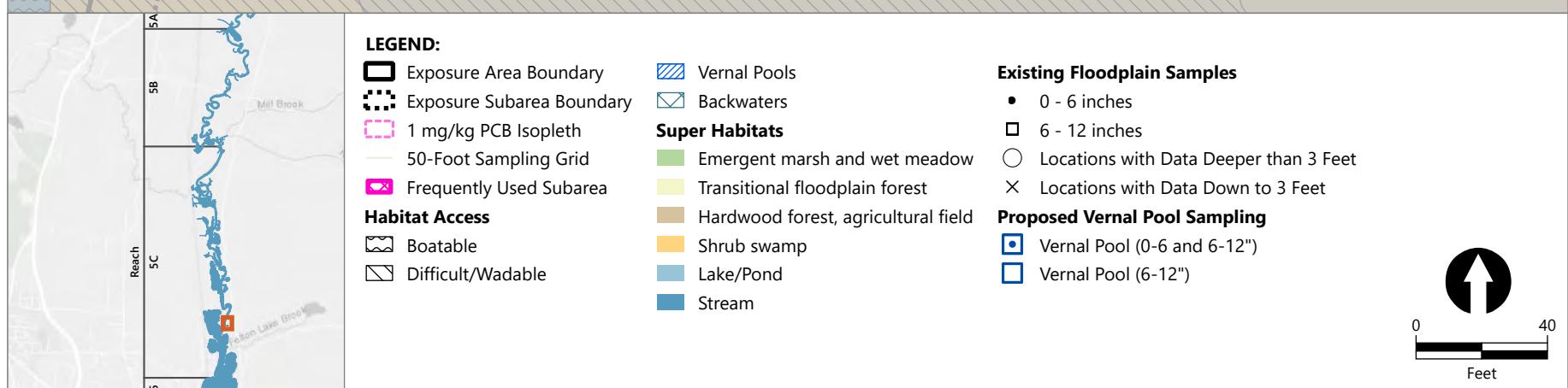
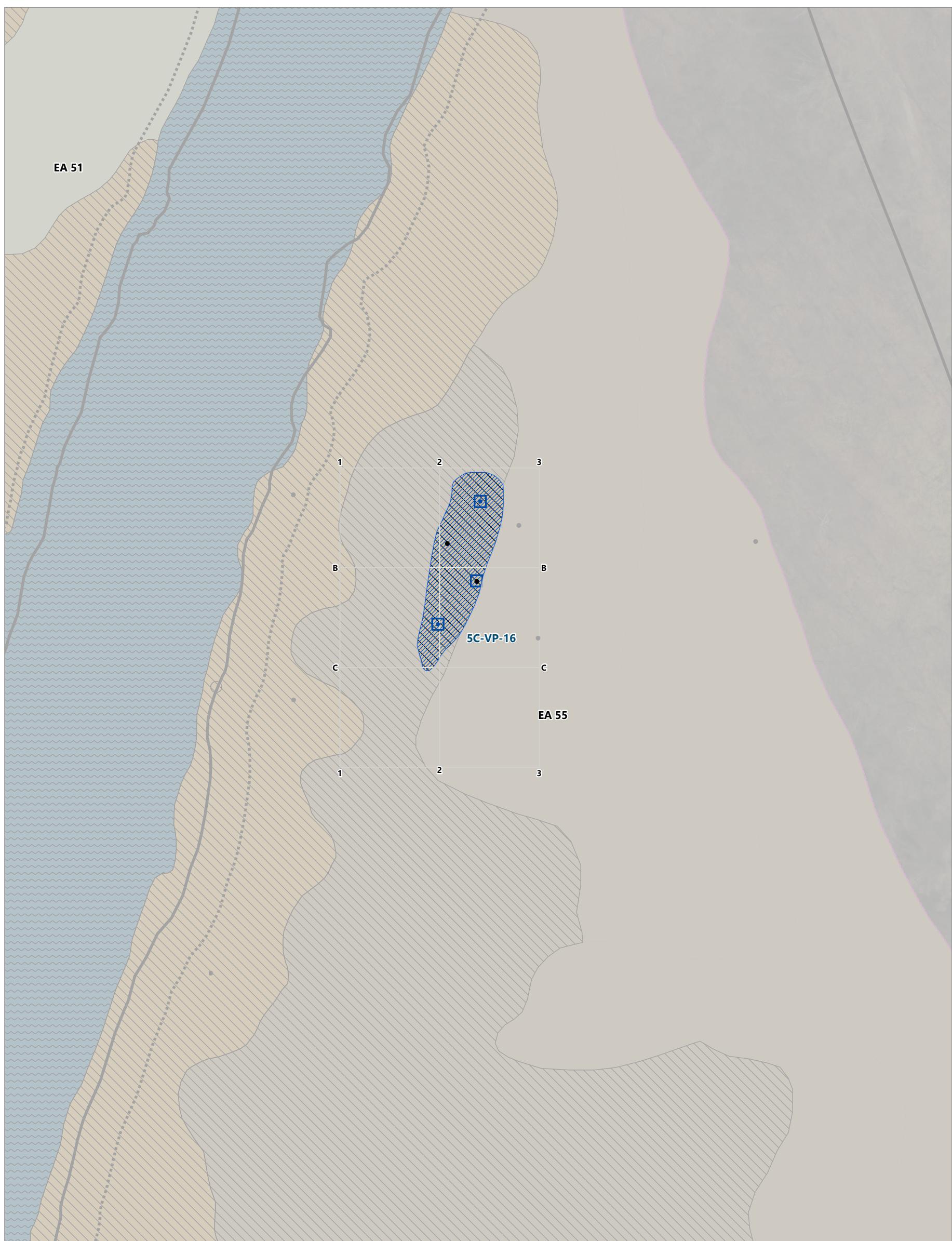
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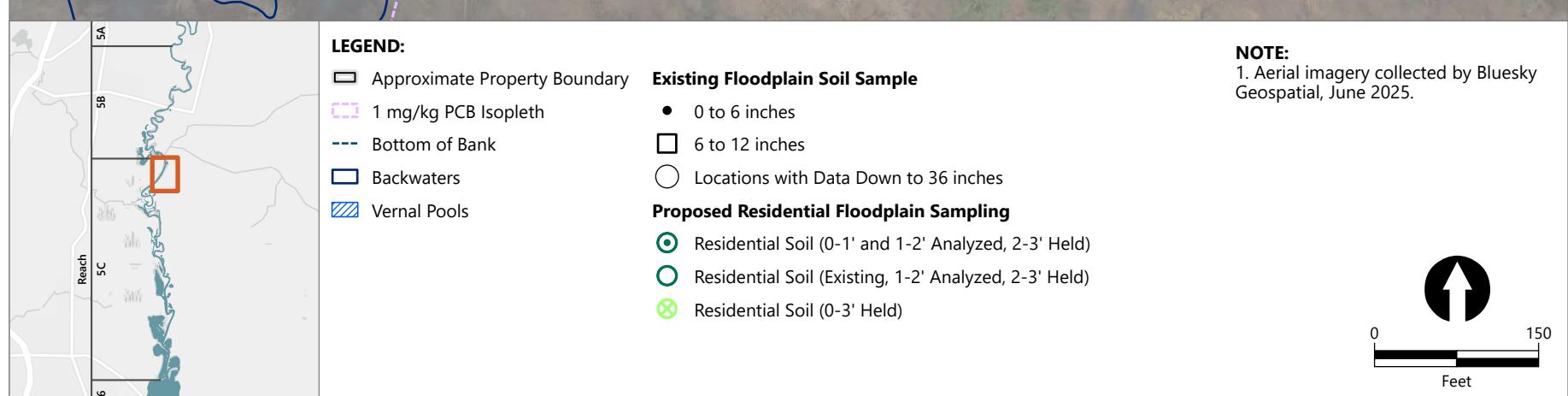
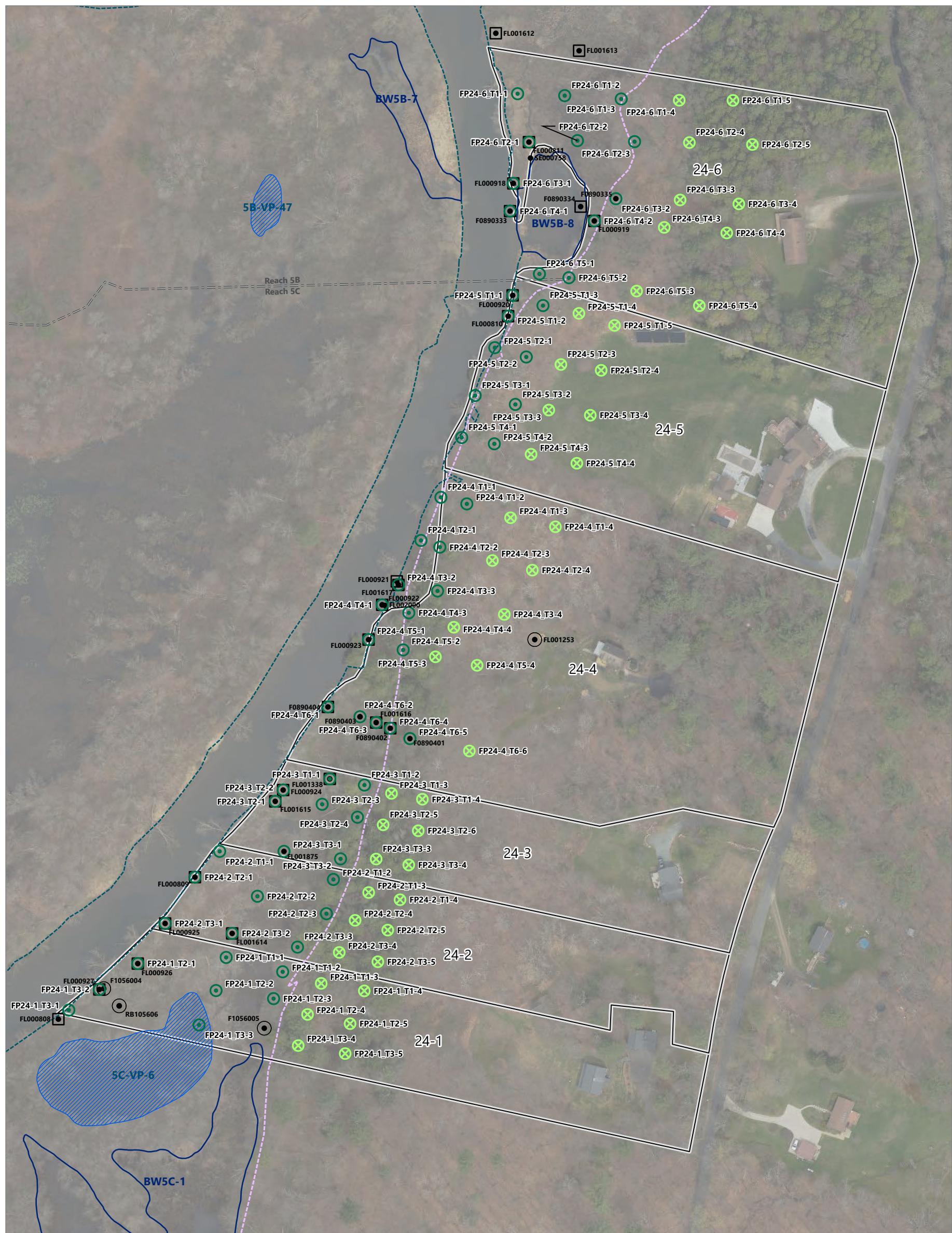
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Filepath: \\gstfile01\gis\Jobs\GE\_0469\HousatonicRiver\Maps\Reports\R5BC\PDWorkPlan\Section4\_ResidentialFP.aprx | Figure 4-56 Residential Parcel Sampling

# Appendix A

## Methods for Calculation of Floodplain Removal Areas and Volumes

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# Appendix A

## Methods for Calculation of Non-Residential Floodplain Removal Areas and Volume in Reaches 5B and 5C

### 1 Introduction

This appendix to the *Pre-Design Investigation Work Plan for Reaches 5B and 5C* (Work Plan) documents the methods that will be used to delineate the spatial extent and volume of floodplain soil removal from non-residential floodplain Exposure Areas (EAs) in Reaches 5B and 5C that will be required to achieve the floodplain Performance Standards. The methods described herein are generally consistent with those described in Appendix D of the *Housatonic River – Rest of River, Corrective Measures Study Proposal* (CMSP; Arcadis BBL and QEA 2007) and applied during the Revised Corrective Measures Study (RCMS) to specify the spatial extent and volume of floodplain soil removal for each of the RCMS remedial alternatives. However, some modifications were made to those previously described methods to address the requirements for floodplain soils in the Revised Final Resource Conservation and Recovery Act (RCRA) Permit Modification for the Rest of River area (Revised Final Permit; EPA 2020). The methods described herein are the same as those described in the General Electric Company's (GE's) *Second Revised Pre-Design Investigation Work Plan for Reach 5A Non-Residential Floodplain Exposure Areas* (Anchor QEA 2021) and *Revised Pre-Design Investigation Work Plan for Reach 6* (Anchor QEA 2023), both of which were approved by the U.S. Environmental Protection Agency (EPA).

The following sections provide additional details on the methods, including a summary of spatial information used in the evaluation (Section 2), a summary of the floodplain soil polychlorinated biphenyl (PCB) data sets and the methods used to spatially interpolate those data (Section 3), a description of the method used to calculate Exposure Point Concentrations (EPCs) for each averaging area (for both current and post-removal conditions) (Section 4), and a description of the steps used to delineate the spatial extent and volume of soil to be removed to achieve the Performance Standards (Section 5).

Figures A-1 and A-2 present flow charts that depict the general steps of the evaluation. To implement the evaluations, a GIS-based tool was developed that integrates the relevant spatial information and PCB data, calculates EPCs for each averaging area, and delineates the required spatial extent of soil removal.

### 2 Spatial Information Used in Evaluation

The methodology used to delineate the spatial extent and volume of floodplain soil removal relies on several spatially varying features within the floodplain. As such, GIS-based analyses are used to facilitate these calculations. The GIS analyses employ a raster data model, whereby various floodplain features, such as locations of EAs and vernal pools (VPs), mapping of human use accessibility, and interpolated PCB concentration data (described in Section 3), are discretized into 3-by-3-meter grid

cells over the floodplain area. This approach allows multiple layers of information to be overlaid in a consistent manner. The following is a summary of the various spatial data sets used in the floodplain evaluations:

- **Exposure Area and Subarea Boundaries:** EPA identified 90 direct contact EAs in Reaches 5 through 8 in its Human Health Risk Assessment (HHRA; EPA 2005). As described in Section 4.3.5 of the HHRA, EAs were defined by EPA starting with individual tax parcels. The parcels were kept intact, subdivided, or combined with adjacent parcels based on similarity of land use, similarity of ownership, and/or number of available soil samples. In many cases, parcel boundaries extend beyond the lateral boundaries of the Rest of River (defined in the Consent Decree for the GE-Pittsfield/Housatonic River Site as the 1 milligram per kilogram [mg/kg] PCB isopleth in Reaches 5 and 6). However, the EAs evaluated for potential soil remediation are limited to the portion of the floodplain between the edge of the Housatonic River and the Rest of River floodplain boundary. Several of the EAs contain subareas, which are typically characterized by a different and/or more frequent exposure scenario. The EA and subarea boundaries define the averaging areas used for the assessment of achievement of the floodplain Performance Standards summarized in Table 1 of the Revised Final Permit.<sup>1</sup> Of the 90 EAs identified in the HHRA, 23 are located wholly or partially within Reaches 5B and 5C (EAs 35 through 55, and EAs 65 and 66).<sup>2</sup> Eleven of the 23 EAs in these reaches contain one to two subareas based on distinct exposure scenarios (EAs 35, 36, 37, 38, 40, 41, 42, 43, 50, 51, and 55).
- **Frequently Used Subarea Boundaries:** During the Corrective Measures Study, GE identified “heavily used subareas” within EAs that were identified as “frequently used” in the CMSP. These heavily used subareas are referred to as Frequently Used Subareas (FUSAs) in the Revised Final Permit and this appendix. These FUSAs were defined throughout Reaches 5 and 6 at a relatively coarse spatial resolution in the CMSP based on aerial photography and knowledge of use scenarios. Seven of the EAs in Reaches 5B and 5C contain such FUSAs (EAs 37, 39, 40, 47, 52, 53 and 66). Previously, the actual extent of area considered to be frequently used for the subset of FUSAs located in Reach 5A was surveyed in the field in 2019, as documented in GE’s *Final Morphology and Accessibility Survey Report* (Final Accessibility Report; AECOM and Anchor QEA 2020). Similar surveys will be conducted for the FUSAs in Reaches 5B and 5C as part of the pre-design investigation (PDI) for these reaches. The FUSA boundaries define the averaging areas used for the assessment of achievement of the

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<sup>1</sup> VPs are discussed separately below.

<sup>2</sup> EAs 56 and 57 are located partially within Reach 5C and partially within Reach 6 but have already been characterized fully as part of the Reach 6 PDI. They are not included in the EA count for Reaches 5B/5C as they will not be addressed again as part of this PDI.

Performance Standards for floodplain FUSAs summarized in Table 2 of the Revised Final Permit.

- **Super Habitat Polygons:** Six “super habitats”—i.e., grouped habitats having similar characteristics, originally developed from the Woodlot habitat survey (Woodlot 2002)—were introduced by EPA in the HHRA to guide the spatial interpolation of soil PCB data in the floodplain. These super habitats have been updated based on the updated habitats identified in GE’s *Baseline Restoration Assessment Report for Housatonic River Reaches 5B and 5C* (Reaches 5B/5C BRA Report; AECOM 2025), which was conditionally approved by EPA on September 23, 2025, and will be revised and resubmitted in January 2026; these included the VPs identified in these reaches. The six super habitats are: (1) hardwood forest/agricultural field; (2) transitional floodplain forest; (3) shrub swamp; (4) emergent marsh/wet meadow; (5) lake/pond; and (6) stream.
- **Accessibility Weighting Factor Mapping:** The method developed by EPA for calculation of EPCs in the HHRA included application of accessibility weighting factors (or “use factors”). Specifically, the floodplain was mapped into the following four accessibility categories in the HHRA: walkable, wadable, difficult, and boatable. Weighting factors of 1.0, 0.2, 0.2, and 0.0 were assigned for each of these areas, respectively. These use factors are applied as multipliers on interpolated PCB concentrations “to account for the variation in accessibility and overall attractiveness of these habitats to children and adults engaged in recreational or residential and other activities” (EPA 2005). For example, areas considered walkable (use factor of 1.0) would be accessed more frequently than areas considered difficult to access or wadable (use factors of 0.2). Areas that are considered boatable have a use factor of 0.0 and are, therefore, excluded from the EPC calculations. The areas in Reaches 5B and 5C corresponding to these accessibility categories were updated as described in the Reaches 5B/5C BRA Report.
- **Vernal Pool Boundaries:** The Rest of River floodplain contains numerous VPs. Field surveys were conducted during BRA activities to delineate VPs in Reaches 5B and 5C that met the biological and physical criteria for certification of VPs based on guidelines issued by the Massachusetts Natural Heritage and Endangered Species Program (MNHESP). Under the Revised Final Permit, VPs are subject to a separate numerical Performance Standard of a spatially weighted average PCB concentration of 3.3 mg/kg (based on risk to amphibians), to be applied as discussed below.
- **Core Area 1 Habitat Boundaries:** Core Area 1 habitat consists of areas identified by the Massachusetts Division of Fisheries and Wildlife as areas with “the highest quality habitat for species that are most likely to be adversely impacted by PCB remediation activities,” most of which are plant species because they are not mobile (EPA 2020, Attachment B). The Revised Final Permit states that excavation in Core Area 1 habitat (other than in FUSAs) should be

avoided except in limited areas where removal is necessary to meet the Secondary Performance Standards (Section II.B.3.a.(1)(e)). Eleven of the EAs in Reaches 5B and 5C overlap with Core Area 1 habitat (EAs 35, 36, 37, 38, 40, 41, 49, 50, 51, 54, and 66).

### **3 Spatial Distribution of Soil PCB Concentrations**

The soil PCB data to be collected as part of the PDI for the non-residential floodplain EAs in Reaches 5B and 5C will be combined with other relevant data sets to provide a detailed representation of the spatial distribution of PCB concentrations in the floodplain. These other data sets for Reaches 5B and 5C will include the floodplain soil PCB data collected historically by GE between 1988 and 1998 and the floodplain soil PCB data collected by EPA as part of its Supplemental Investigation (SI) between 1998 and 2002.

#### **3.1 Data Treatment**

Data treatment for all historical and PDI data will generally be consistent with the data treatment used for floodplain soil evaluations in the RCMS. Specifically, non-detect (i.e., "U" qualified) concentrations will be replaced with one half of the reported Method Detection Limit, and any field duplicate samples will be averaged with their corresponding parent sample. The results of any split samples analyzed by EPA (if timely received) will be included in the evaluations by averaging them with the corresponding GE sample results.

In addition, any portion of the historical (non-PDI) data sets that cannot be used to reasonably construct six-inch vertical averages will be omitted for consistency. It should be noted that in EPA's Interim Comments on the CMS Report (Comment #98), the agency directed GE to use the same historical floodplain soil PCB data set that was used in the HHRA for EPC calculations, and it provided that data set to GE in an email dated October 2, 2008. That historical data set will be combined with the various PDI data sets listed in the previous section for the floodplain evaluations.

#### **3.2 Spatial Interpolation of Soil PCB Data**

Development of a spatially interpolated soil PCB data coverage will be based on the Thiessen Polygon (TP) method. As noted in Section 2, the concept of super habitats (i.e., grouped habitats having similar characteristics) was introduced by EPA in the HHRA to guide the spatial interpolation of soil PCB data in the floodplain. TPs will be generated for each individual super habitat using only the data from within that super habitat boundary. Then, TPs generated for each super habitat (excluding the lake/pond and stream super habitats, as these areas are considered boatable) will be merged to form a single PCB TP coverage for the floodplain.

TPs will be generated for each six-inch depth interval in the top one foot of soil (0- to 6-inch and 6- to 12-inch depth intervals) within the EAs in Reaches 5B and 5C. For the very few sample locations

where only a single one-foot depth interval exists, the one-foot concentration will be assigned to each respective six-inch interval within that interval prior to interpolation. A 0- to 1-foot average PCB concentration will then be computed by vertically averaging the PCB TP raster grids from the 0- to 6-inch and 6- to 12- inch layers.

FUSAs have a deeper evaluation depth of three feet. Historical sampling in these areas rarely characterized the full three-foot depth interval; therefore, the proposed PDI sampling for the FUSAs in Reaches 5B and 5C (i.e., collection of samples from the 0- to 6-inch, 6- to 12-inch, 12- to 24-inch, and 24- to 36-inch depth intervals) was designed to sufficiently characterize these areas over that full evaluation depth. PCB concentrations in the 12- to 24-inch and 24- to 36-inch depth intervals will be interpolated in these areas using the same method described previously for the surface intervals.

In addition to computing a 0- to 1-foot average PCB concentration in the FUSAs (described above), a 0- to 3-foot average PCB concentration within these areas will be computed by vertically (length-weighted) averaging the PCB TP raster grids from the 0- to 6-inch, 6- to 12-inch, 12- to 24-inch, and 24- to 36-inch layers.

In addition, a separate PCB interpolation will be conducted for any identified certifiable VPs for the purposes of evaluating the VP Performance Standard. TPs will be generated for each individual VP using only the data collected within that VP boundary. Similar to the spatial interpolation conducted for EAs, PCB TP raster grids will be generated for the 0- to 6-inch and 6- to 12-inch layers to form average PCB concentrations for the 0- to 1-foot depth interval within each VP.

## 4 Exposure Point Concentration Calculations

EPCs for each non-VP averaging area (i.e., each EA and FUSA) will be calculated as the 95th percentile Upper Confidence Limit (95% UCL) on the spatially weighted mean. The 95% UCL will be calculated using the Modified Hall's Bootstrap method, which is consistent with the methodology used in EPA's HHRA (EPA 2005) and GE's RCMS Report (Arcadis et al. 2010). The Hall's Bootstrap method is non-parametric and can be used to compute the UCL for data with any underlying distribution. The Modified Hall's Bootstrap method involves random sampling of interpolated PCB concentration grid values in each averaging area, with the size of each random sampling equal to the number of sample locations within that area. Further description of the Modified Hall's Bootstrap method is provided in the HHRA.

EPC calculations for the human health evaluations in each EA and FUSA will include application of the use factors described in Section 2. Use factors of 1.0, 0.2, and 0.2 will be assigned to the three accessibility categories of walkable, wadable, and difficult, respectively, and applied as multipliers on the interpolated PCB concentrations in the corresponding area. Areas with an accessibility category of boatable (which has a use factor of 0.0) will be excluded from the evaluations, consistent with the

HHRA and RCMS. One exposure scenario for which the use factors are not applied is the waterfowl hunting exposure scenario, which applies to Subareas 50a, 51a, and 55a.

Once the 95% UCL is calculated for a given averaging area, it will be compared to the maximum interpolated soil PCB concentration in that area; and the lower of those two values will be used as the EPC (i.e., the EPC will not exceed the maximum value within a given averaging area).

EPCs for the VPs (if any) will be calculated as a spatially weighted mean (not a 95% UCL) based on TPs generated using only data collected from within the VPs (see Section 3.2), as directed in Section II.B.3.b.(1) of the Revised Final Permit. Use factors will not be applied when calculating EPCs for VPs.

## 5 Estimation of Removal Areas and Volumes

The delineation of the spatial extent of removal within an averaging area involves identifying the extent of remediation necessary so the resulting spatially averaged soil PCB concentration within the area achieves the applicable Performance Standard. The method will use the spatially interpolated PCB data coverage (as described in Section 3) and will proceed on an area-by-area basis. Figure A-2 provides a flow chart of the various steps of this process, which is described in detail in the subsections that follow.

### 5.1 Evaluation of Non-Residential Floodplain Exposure Areas and Subareas

For each EA and subarea, soil PCBs in the 0- to 1-foot depth interval will be evaluated following the steps below.

1. Calculate the pre-remediation EPC for the EA or subarea using the methods described in Section 4.
2. Compare the EPC with the applicable Primary Performance Standard for the given EA or subarea (as provided in Table 1 of the Revised Final Permit).
3. If the EPC is greater than the applicable Primary Performance Standard, remediation is required. Raster grid cells with the highest PCB concentrations will be flagged for removal and assigned a replacement soil concentration of 0.021 mg/kg.<sup>3</sup>
4. Recompute the EPC based on the modified spatial PCB distribution from Step 3.

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<sup>3</sup> In conducting remediation evaluations for areas outside the river under the Consent Decree, GE has generally used an assumed PCB concentration of 0.021 mg/kg for the backfill, which represents one-half of the average detection limit from actual prior sampling of backfill sources. GE proposes to use the same value for backfill in the floodplain evaluations for Reaches 5B and 5C.

5. Repeat Steps 2 through 4 until the amount of area flagged for remediation is sufficient to reduce the EPC to a level that is at or below the applicable Primary Performance Standard for that area.
6. If any of the area(s) flagged for remediation within the EA or subarea is delineated as Core Area 1 habitat, remove the remediation flag from such area(s) and recalculate the EPC.
7. Compare the EPC from Step 6 with the applicable Secondary Performance Standard for the given EA or subarea (as also provided in Table 1 of the Revised Final Permit).
8. If the EPC is less than or equal to the applicable Secondary Performance Standard, delineation is complete for that area. If the EPC is greater than the Secondary Performance Standard, flag additional unremediated grid cells in portions of the EA or subarea outside Core Area 1 habitat (starting with the highest PCB concentrations) for remediation.
9. Recompute the EPC based on the modified spatial PCB distribution from Step 8.
10. Repeat Steps 8 and 9 until the amount of additional area flagged for remediation is sufficient to reduce the EPC to a level that is at or below the applicable Secondary Performance Standard for that area.
11. In accordance with Sections II.B.3.a.(2)(c).iv and II.B.3.a.(2)(d) of the Revised Final Permit, some manual adjustment of the areas flagged for remediation in a given EA or subarea may be necessary to minimize impacts to Core Areas 2 and 3 habitat. If such an adjustment is required, the EPC will be recomputed to ensure that the remediation achieves, at a minimum, the Secondary Performance Standard.

In the case of subareas, any subarea(s) located wholly or partially within a given EA will be evaluated prior to the larger EA; if any removal is required in such subarea(s) to meet the applicable Performance Standard for that subarea(s), that removal will then be accounted for when subsequently determining whether any additional removal is required to achieve the applicable Performance Standard for the larger EA.

## 5.2 Evaluation of Frequently Used Subareas

The evaluation of FUSAs will follow the same Steps 1 through 5 described in the previous section for the EAs and subareas. However, the EPCs in FUSAs will be calculated over both the 0- to 1-foot and 0- to 3-foot depth intervals. Steps 5 through 10 related to avoidance of remediation in Core Area 1 habitat are not relevant to the FUSAs, as stated in Section II.B.3.a.(1)(e) of the Revised Final Permit.

## 5.3 Evaluation of Vernal Pools

For all certifiable VPs identified in the floodplain of Reaches 5B and 5C, the evaluation of those VPs will follow the same Steps 1 through 5 described above for the EAs and subareas, with the exception that the EPC will be calculated as a spatially weighted average (as described in Section 4) in the 0- to

1-foot depth interval, using only the data collected within the individual VP and without application of the use factors. Delineation of VP remediation areas will be in addition to any remediation required within the VPs to meet the Primary and Secondary Performance Standards for the larger EAs and/or subareas.

## 6 References

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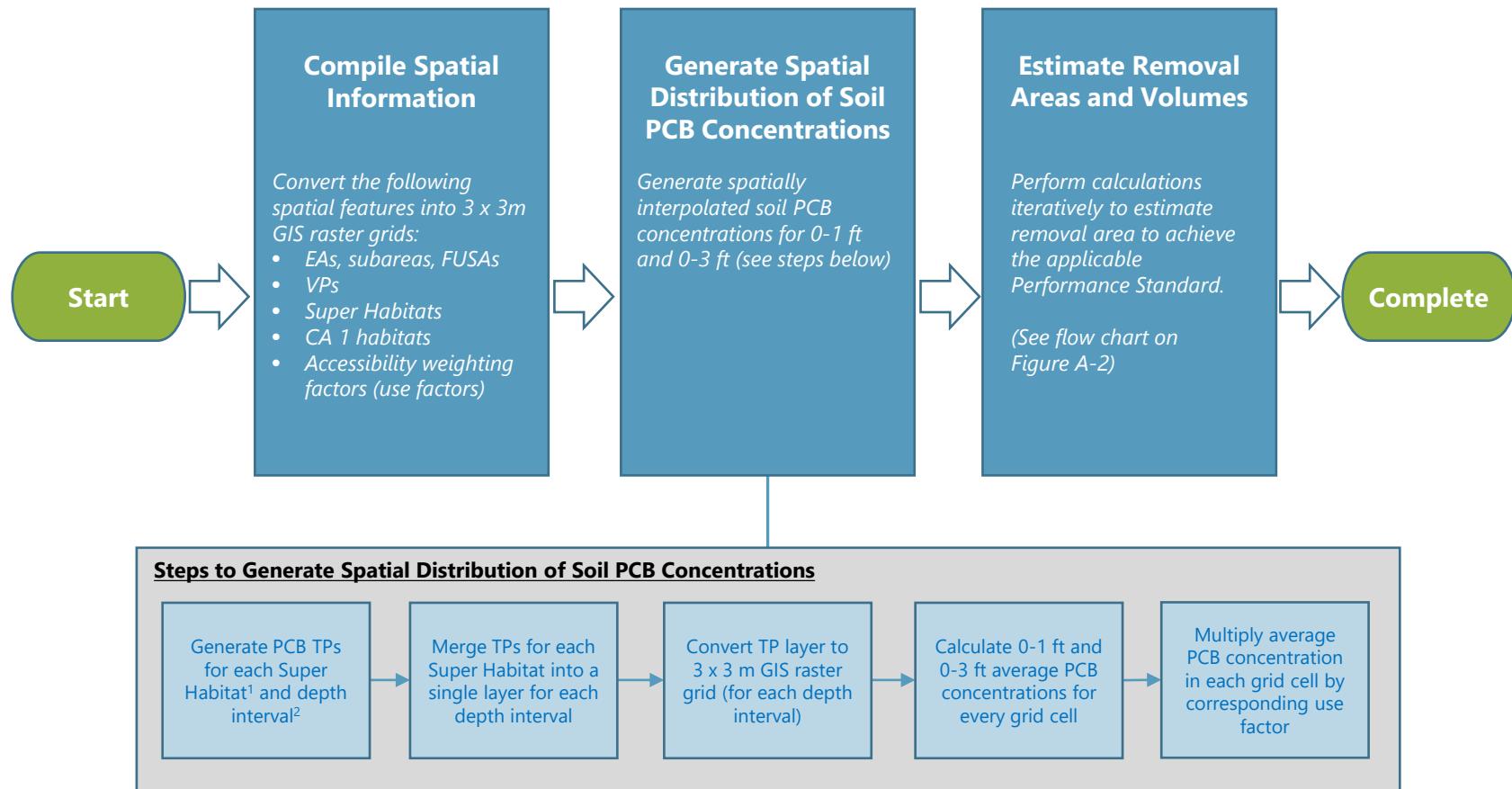
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## Figures

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Notes:

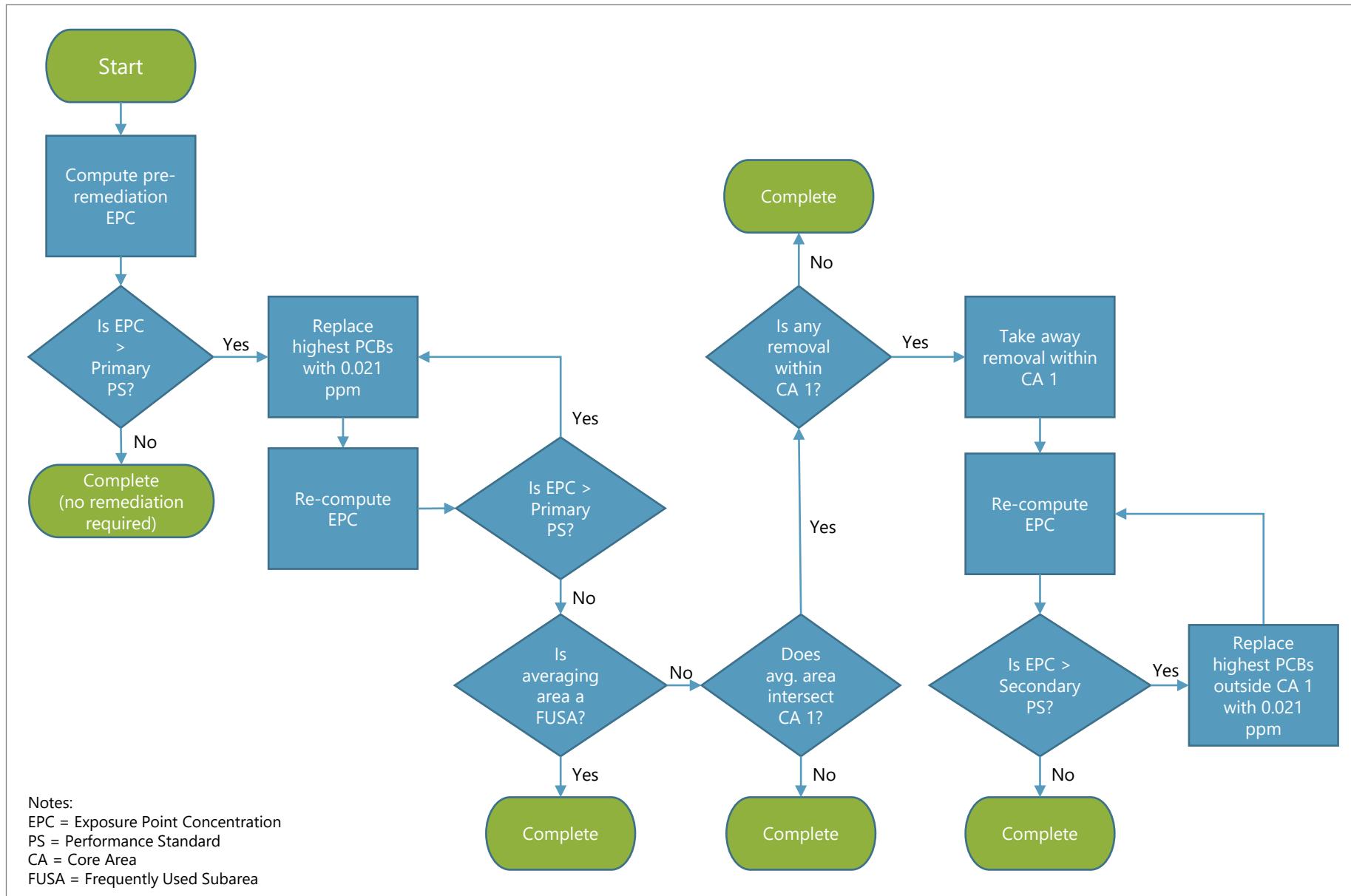
1. Except for lake/pond and stream habitats
2. TPs will be generated for 0- to 6-inch and 6- to 12-inch layers, and in 12- to 24-inch and 24- to 36-inch layers within FUSAs.

CA = Core Area; EA = Exposure Area; GIS = Geographical Information System; FUSA = Frequently Used Subareas; TP = Thiessen Polygon; VP = vernal pool



**Figure A-1**  
**Flow Chart for Floodplain Soil PCB Evaluation**

Methods for Calculation of Non Residential Floodplain Removal Areas and Volume in Reaches 5B and 5C  
Housatonic River – Rest of River



## Appendix B

### Proposed PCB Sample Tracking Matrix – Reach 5C Main Channel Sediments

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**Appendix B**
**Proposed PCB Sample Tracking Matrix for River Channel Sediments in Reach 5C**

Reach	Transect ID	Location ID	Easting	Northing	Estimated Total Sample Depth (feet)	Estimated Number of Samples for PCB Analysis
5C	5C1-000+00	5C1-000+00-C	185878.61	2970203.01	3	6
5C	5C1-000+00	5C1-000+00-E	185900.79	2970202.09	3	6
5C	5C1-000+00	5C1-000+00-W	185856.42	2970203.93	3	6
5C	5C1-002+50	5C1-002+50-C	185797.38	2969967.09	3	6
5C	5C1-002+50	5C1-002+50-E	185817.79	2969957.67	3	6
5C	5C1-002+50	5C1-002+50-W	185776.97	2969976.51	3	6
5C	5C1-005+00	5C1-005+00-C	185694.67	2969738.85	3	6
5C	5C1-005+00	5C1-005+00-E	185716.68	2969727.48	3	6
5C	5C1-005+00	5C1-005+00-W	185672.65	2969750.23	3	6
5C	5C1-007+50	5C1-007+50-C	185562.98	2969525.70	3	6
5C	5C1-007+50	5C1-007+50-E	185581.94	2969511.75	3	6
5C	5C1-007+50	5C1-007+50-W	185544.02	2969539.64	3	6
5C	5C1-010+00	5C1-010+00-C	185411.60	2969326.69	3	6
5C	5C1-010+00	5C1-010+00-E	185430.25	2969312.11	3	6
5C	5C1-010+00	5C1-010+00-W	185392.96	2969341.27	3	6
5C	5C1-012+50	5C1-012+50-C	185238.86	2969145.48	3	6
5C	5C1-012+50	5C1-012+50-E	185254.68	2969126.69	3	6
5C	5C1-012+50	5C1-012+50-W	185223.03	2969164.27	3	6
5C	5C1-015+00	5C1-015+00-C	185032.73	2969005.73	3	6
5C	5C1-015+00	5C1-015+00-E	185046.39	2968982.48	3	6
5C	5C1-015+00	5C1-015+00-W	185019.08	2969028.98	3	6
5C	5C1-017+50	5C1-017+50-C	184819.41	2968875.35	3	6
5C	5C1-017+50	5C1-017+50-E	184831.35	2968857.67	3	6
5C	5C1-017+50	5C1-017+50-W	184807.48	2968893.04	3	6
5C	5C1-020+00	5C1-020+00-C	184623.74	2968719.65	3	6
5C	5C1-020+00	5C1-020+00-E	184642.40	2968704.24	3	6
5C	5C1-020+00	5C1-020+00-W	184605.09	2968735.06	3	6
5C	5C1-022+50	5C1-022+50-C	184575.13	2968487.81	3	6
5C	5C1-022+50	5C1-022+50-E	184591.74	2968502.91	3	6
5C	5C1-022+50	5C1-022+50-W	184558.53	2968472.71	3	6
5C	5C1-025+00	5C1-025+00-C	184820.31	2968428.81	3	6
5C	5C1-025+00	5C1-025+00-E	184815.75	2968447.96	3	6
5C	5C1-025+00	5C1-025+00-W	184824.87	2968409.65	3	6
5C	5C1-027+50	5C1-027+50-C	185054.68	2968460.28	3	6
5C	5C1-027+50	5C1-027+50-E	185066.24	2968476.03	3	6
5C	5C1-027+50	5C1-027+50-W	185043.13	2968444.53	3	6
5C	5C1-030+00	5C1-030+00-C	185153.48	2968236.85	3	6
5C	5C1-030+00	5C1-030+00-E	185173.24	2968240.10	3	6
5C	5C1-030+00	5C1-030+00-W	185133.71	2968233.59	3	6
5C	5C1-032+50	5C1-032+50-C	185143.53	2967990.91	3	6
5C	5C1-032+50	5C1-032+50-E	185163.35	2967983.00	3	6
5C	5C1-032+50	5C1-032+50-W	185123.71	2967998.82	3	6
5C	5C1-035+00	5C1-035+00-C	184920.91	2967890.80	3	6
5C	5C1-035+00	5C1-035+00-E	184914.80	2967874.67	3	6
5C	5C1-035+00	5C1-035+00-W	184927.03	2967906.92	3	6
5C	5C1-037+50	5C1-037+50-C	184722.03	2967940.34	3	6
5C	5C1-037+50	5C1-037+50-E	184741.10	2967930.57	3	6
5C	5C1-037+50	5C1-037+50-W	184702.96	2967950.12	3	6
5C	5C1-040+00	5C1-040+00-C	184743.13	2967703.47	3	6
5C	5C1-040+00	5C1-040+00-E	184771.38	2967707.39	3	6
5C	5C1-040+00	5C1-040+00-W	184714.89	2967699.56	3	6
5C	5C1-042+50	5C1-042+50-C	184851.25	2967481.58	3	6
5C	5C1-042+50	5C1-042+50-E	184877.03	2967504.26	3	6
5C	5C1-042+50	5C1-042+50-W	184825.48	2967458.90	3	6
5C	5C1-045+00	5C1-045+00-C	185005.35	2967305.00	3	6
5C	5C1-045+00	5C1-045+00-E	185007.90	2967324.49	3	6
5C	5C1-045+00	5C1-045+00-W	185002.81	2967285.51	3	6
5C	5C1-047+50	5C1-047+50-C	185239.80	2967382.69	3	6
5C	5C1-047+50	5C1-047+50-E	185239.80	2967404.53	3	6
5C	5C1-047+50	5C1-047+50-W	185239.80	2967360.86	3	6
5C	5C1-050+00	5C1-050+00-C	185474.38	2967306.57	3	6
5C	5C1-050+00	5C1-050+00-E	185485.72	2967329.58	3	6
5C	5C1-050+00	5C1-050+00-W	185463.03	2967283.57	3	6
5C	5C1-052+50	5C1-052+50-C	185568.43	2967096.21	3	6
5C	5C1-052+50	5C1-052+50-E	185588.58	2967099.09	3	6
5C	5C1-052+50	5C1-052+50-W	185548.27	2967093.33	3	6
5C	5C1-055+00	5C1-055+00-C	185590.10	2966848.85	3	6
5C	5C1-055+00	5C1-055+00-E	185611.00	2966847.18	3	6

**Appendix B**
**Proposed PCB Sample Tracking Matrix for River Channel Sediments in Reach 5C**

Reach	Transect ID	Location ID	Easting	Northing	Estimated Total Sample Depth (feet)	Estimated Number of Samples for PCB Analysis
5C	5C1-055+00	5C1-055+00-W	185569.20	2966850.52	3	6
5C	5C1-057+50	5C1-057+50-C	185590.84	2966599.58	3	6
5C	5C1-057+50	5C1-057+50-E	185610.64	2966599.11	3	6
5C	5C1-057+50	5C1-057+50-W	185571.03	2966600.05	3	6
5C	5C1-060+00	5C1-060+00-C	185588.62	2966351.10	3	6
5C	5C1-060+00	5C1-060+00-E	185609.85	2966345.58	3	6
5C	5C1-060+00	5C1-060+00-W	185567.40	2966356.62	3	6
5C	5C1-062+50	5C1-062+50-C	185433.37	2966177.99	3	6
5C	5C1-062+50	5C1-062+50-E	185437.36	2966156.61	3	6
5C	5C1-062+50	5C1-062+50-W	185429.38	2966199.37	3	6
5C	5C1-065+00	5C1-065+00-C	185277.72	2966125.70	3	6
5C	5C1-065+00	5C1-065+00-E	185296.96	2966132.97	3	6
5C	5C1-065+00	5C1-065+00-W	185258.48	2966118.43	3	6
5C	5C1-067+50	5C1-067+50-C	185382.05	2965900.24	3	6
5C	5C1-067+50	5C1-067+50-E	185405.88	2965903.04	3	6
5C	5C1-067+50	5C1-067+50-W	185358.22	2965897.44	3	6
5C	5C1-070+00	5C1-070+00-C	185380.30	2965650.64	3	6
5C	5C1-070+00	5C1-070+00-E	185399.99	2965657.95	3	6
5C	5C1-070+00	5C1-070+00-W	185360.61	2965643.32	3	6
5C	5C1-072+50	5C1-072+50-C	185554.76	2965694.46	3	6
5C	5C1-072+50	5C1-072+50-E	185538.56	2965701.55	3	6
5C	5C1-072+50	5C1-072+50-W	185570.96	2965687.37	3	6
5C	5C1-075+00	5C1-075+00-C	185710.71	2965759.44	3	6
5C	5C1-075+00	5C1-075+00-E	185727.59	2965768.65	3	6
5C	5C1-075+00	5C1-075+00-W	185693.82	2965750.23	3	6
5C	5C1-077+50	5C1-077+50-C	185782.14	2965521.35	3	6
5C	5C1-077+50	5C1-077+50-E	185802.80	2965526.28	3	6
5C	5C1-077+50	5C1-077+50-W	185761.48	2965516.43	3	6
5C	5C1-080+00	5C1-080+00-C	185667.37	2965336.23	3	6
5C	5C1-080+00	5C1-080+00-E	185665.52	2965319.65	3	6
5C	5C1-080+00	5C1-080+00-W	185669.21	2965352.81	3	6
5C	5C1-082+50	5C1-082+50-C	185424.37	2965387.29	3	6
5C	5C1-082+50	5C1-082+50-E	185422.23	2965365.84	3	6
5C	5C1-082+50	5C1-082+50-W	185426.52	2965408.74	3	6
5C	5C1-085+00	5C1-085+00-C	185258.53	2965252.66	3	6
5C	5C1-085+00	5C1-085+00-E	185275.84	2965248.12	3	6
5C	5C1-085+00	5C1-085+00-W	185241.22	2965257.21	3	6
5C	5C1-087+50	5C1-087+50-C	185390.30	2965080.57	3	6
5C	5C1-087+50	5C1-087+50-E	185396.14	2965103.81	3	6
5C	5C1-087+50	5C1-087+50-W	185384.45	2965057.34	3	6
5C	5C1-090+00	5C1-090+00-C	185585.86	2964943.49	3	6
5C	5C1-090+00	5C1-090+00-E	185604.73	2964957.28	3	6
5C	5C1-090+00	5C1-090+00-W	185567.00	2964929.71	3	6
5C	5C1-092+50	5C1-092+50-C	185699.83	2964723.39	3	6
5C	5C1-092+50	5C1-092+50-E	185723.44	2964732.34	3	6
5C	5C1-092+50	5C1-092+50-W	185676.21	2964714.43	3	6
5C	5C1-095+00	5C1-095+00-C	185785.26	2964488.51	3	6
5C	5C1-095+00	5C1-095+00-E	185809.35	2964498.54	3	6
5C	5C1-095+00	5C1-095+00-W	185761.17	2964478.47	3	6
5C	5C1-097+50	5C1-097+50-C	185839.87	2964249.16	3	6
5C	5C1-097+50	5C1-097+50-E	185866.71	2964246.96	3	6
5C	5C1-097+50	5C1-097+50-W	185813.03	2964251.36	3	6
5C	5C1-100+00	5C1-100+00-C	185773.34	2964012.15	3	6
5C	5C1-100+00	5C1-100+00-E	185797.78	2964023.43	3	6
5C	5C1-100+00	5C1-100+00-W	185748.90	2964000.87	3	6
5C	5C1-102+50	5C1-102+50-C	185998.08	2963937.67	3	6
5C	5C1-102+50	5C1-102+50-E	186008.04	2963961.84	3	6
5C	5C1-102+50	5C1-102+50-W	185988.13	2963913.50	3	6
5C	5C1-105+00	5C1-105+00-C	186107.80	2963754.45	3	6
5C	5C1-105+00	5C1-105+00-E	186127.76	2963747.54	3	6
5C	5C1-105+00	5C1-105+00-W	186087.84	2963761.36	3	6
5C	5C1-107+50	5C1-107+50-C	186001.42	2963528.74	3	6
5C	5C1-107+50	5C1-107+50-E	186021.56	2963515.77	3	6
5C	5C1-107+50	5C1-107+50-W	185981.28	2963541.71	3	6
5C	5C1-110+00	5C1-110+00-C	185887.54	2963308.59	3	6
5C	5C1-110+00	5C1-110+00-E	185911.27	2963299.10	3	6
5C	5C1-110+00	5C1-110+00-W	185863.81	2963318.07	3	6
5C	5C1-112+50	5C1-112+50-C	185833.63	2963067.04	3	6

**Appendix B**
**Proposed PCB Sample Tracking Matrix for River Channel Sediments in Reach 5C**

Reach	Transect ID	Location ID	Easting	Northing	Estimated Total Sample Depth (feet)	Estimated Number of Samples for PCB Analysis
5C	5C1-112+50	5C1-112+50-E	185860.67	2963067.09	3	6
5C	5C1-112+50	5C1-112+50-W	185806.58	2963066.99	3	6
5C	5C1-115+00	5C1-115+00-C	185868.73	2962820.04	3	6
5C	5C1-115+00	5C1-115+00-E	185898.87	2962825.38	3	6
5C	5C1-115+00	5C1-115+00-W	185838.59	2962814.71	3	6
5C	5C1-117+50	5C1-117+50-C	185908.82	2962572.80	3	6
5C	5C1-117+50	5C1-117+50-E	185950.70	2962576.06	3	6
5C	5C1-117+50	5C1-117+50-W	185866.95	2962569.55	3	6
5C	5C1-120+00	5C1-120+00-C	185923.33	2962322.59	3	6
5C	5C1-120+00	5C1-120+00-E	185966.10	2962322.47	3	6
5C	5C1-120+00	5C1-120+00-W	185880.55	2962322.71	3	6
5C	5C1-122+50	5C1-122+50-C	185930.88	2962073.89	3	6
5C	5C1-122+50	5C1-122+50-E	185967.23	2962079.96	3	6
5C	5C1-122+50	5C1-122+50-W	185894.54	2962067.81	3	6
5C	5C1-125+00	5C1-125+00-C	186027.30	2961870.47	3	6
5C	5C1-125+00	5C1-125+00-E	186030.99	2961901.88	3	6
5C	5C1-125+00	5C1-125+00-W	186023.60	2961839.07	3	6
5C	5C1-127+50	5C1-127+50-C	186205.91	2962038.16	3	6
5C	5C1-127+50	5C1-127+50-E	186184.31	2962074.22	3	6
5C	5C1-127+50	5C1-127+50-W	186227.50	2962002.09	3	6
5C	5C1-130+00	5C1-130+00-C	186358.11	2961924.43	3	6
5C	5C1-130+00	5C1-130+00-E	186381.62	2961918.98	3	6
5C	5C1-130+00	5C1-130+00-W	186334.61	2961929.89	3	6
5C	5C1-132+50	5C1-132+50-C	186272.40	2961690.49	3	6
5C	5C1-132+50	5C1-132+50-E	186292.92	2961679.81	3	6
5C	5C1-132+50	5C1-132+50-W	186251.87	2961701.17	3	6
5C	5C1-135+00	5C1-135+00-C	186162.80	2961466.18	3	6
5C	5C1-135+00	5C1-135+00-E	186186.05	2961455.58	3	6
5C	5C1-135+00	5C1-135+00-W	186139.54	2961476.77	3	6
5C	5C1-137+50	5C1-137+50-C	186066.55	2961235.87	3	6
5C	5C1-137+50	5C1-137+50-E	186092.24	2961226.18	3	6
5C	5C1-137+50	5C1-137+50-W	186040.86	2961245.57	3	6
5C	5C1-140+00	5C1-140+00-C	185995.13	2960996.39	3	6
5C	5C1-140+00	5C1-140+00-E	186020.43	2960988.24	3	6
5C	5C1-140+00	5C1-140+00-W	185969.84	2961004.55	3	6
5C	5C1-142+50	5C1-142+50-C	185913.16	2960760.13	3	6
5C	5C1-142+50	5C1-142+50-E	185941.82	2960750.63	3	6
5C	5C1-142+50	5C1-142+50-W	185884.50	2960769.62	3	6
5C	5C1-145+00	5C1-145+00-C	185830.37	2960523.82	3	6
5C	5C1-145+00	5C1-145+00-E	185854.24	2960513.41	3	6
5C	5C1-145+00	5C1-145+00-W	185806.50	2960534.24	3	6
5C	5C1-147+50	5C1-147+50-C	185728.83	2960294.78	3	6
5C	5C1-147+50	5C1-147+50-E	185758.49	2960285.89	3	6
5C	5C1-147+50	5C1-147+50-W	185699.18	2960303.68	3	6
5C	5C1-150+00	5C1-150+00-C	185786.55	2960066.28	3	6
5C	5C1-150+00	5C1-150+00-E	185803.89	2960087.70	3	6
5C	5C1-150+00	5C1-150+00-W	185769.20	2960044.86	3	6
5C	5C1-152+50	5C1-152+50-C	185976.54	2959905.13	3	6
5C	5C1-152+50	5C1-152+50-E	185995.69	2959924.28	3	6
5C	5C1-152+50	5C1-152+50-W	185957.40	2959885.99	3	6
5C	5C1-155+00	5C1-155+00-C	186071.35	2959686.09	3	6
5C	5C1-155+00	5C1-155+00-E	186099.61	2959683.71	3	6
5C	5C1-155+00	5C1-155+00-W	186043.08	2959688.46	3	6
5C	5C1-157+50	5C1-157+50-C	186033.37	2959438.81	3	6
5C	5C1-157+50	5C1-157+50-E	186060.17	2959431.80	3	6
5C	5C1-157+50	5C1-157+50-W	186006.57	2959445.82	3	6
5C	5C1-160+00	5C1-160+00-C	185933.78	2959206.79	3	6
5C	5C1-160+00	5C1-160+00-E	185978.77	2959194.52	3	6
5C	5C1-160+00	5C1-160+00-W	185888.80	2959219.06	3	6
5C	5C1-162+50	5C1-162+50-C	185849.57	2958973.06	3	6
5C	5C1-162+50	5C1-162+50-E	185920.36	2958949.98	3	6
5C	5C1-162+50	5C1-162+50-W	185778.77	2958996.14	3	6
5C	5C1-165+00	5C1-165+00-C	185797.95	2958727.16	3	6
5C	5C1-165+00	5C1-165+00-E	185870.04	2958703.26	3	6
5C	5C1-165+00	5C1-165+00-W	185725.87	2958751.06	3	6
5C	5C2-002+50	5C2-002+50-C	184994.10	2967733.60	3	6
5C	5C2-002+50	5C2-002+50-E	184992.92	2967741.08	3	6
5C	5C2-002+50	5C2-002+50-W	184995.29	2967726.11	3	6

**Appendix B****Proposed PCB Sample Tracking Matrix for River Channel Sediments in Reach 5C**

Reach	Transect ID	Location ID	Easting	Northing	Estimated Total Sample Depth (feet)	Estimated Number of Samples for PCB Analysis
5C	5C2-005+02	5C2-005+02-C	185226.38	2967805.11	3	6
5C	5C2-005+02	5C2-005+02-E	185218.02	2967832.76	3	6
5C	5C2-005+02	5C2-005+02-W	185234.74	2967777.45	3	6
5C	5C2-007+50	5C2-007+50-C	185245.01	2967639.03	3	6
5C	5C2-007+50	5C2-007+50-E	185247.93	2967626.55	3	6
5C	5C2-007+50	5C2-007+50-W	185242.09	2967651.51	3	6
5C	5C2-010+00	5C2-010+00-C	185013.16	2967564.17	3	6
5C	5C2-010+00	5C2-010+00-E	185024.49	2967552.27	3	6
5C	5C2-010+00	5C2-010+00-W	185001.83	2967576.07	3	6
5C	5C3-002+50	5C3-002+50-C	185486.55	2967612.22	3	6
5C	5C3-002+50	5C3-002+50-E	185487.33	2967627.36	3	6
5C	5C3-002+50	5C3-002+50-W	185485.77	2967597.07	3	6
5C	5C3-005+00	5C3-005+00-C	185542.70	2967379.79	3	6
5C	5C3-005+00	5C3-005+00-E	185551.55	2967379.23	3	6
5C	5C3-005+00	5C3-005+00-W	185533.85	2967380.35	3	6

Note:

Coordinates are in NAD83 Massachusetts State Plane Mainland, U.S. Feet

NAD83: North American Datum of 1983

PCB: polychlorinated biphenyl

## Appendix C

### Proposed PCB Sample Tracking Matrix – Backwater Sediments

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**Appendix C**
**Proposed PCB Sample Tracking Matrix for Backwater Sediments**

Reach	Backwater ID	Grid ID	Location ID	Inside Core Area 1 Habitat	Easting	Northing	Estimated Total Sample Depth	Estimated Number of Samples for PCB Analysis	Estimated Number of Samples to Hold
5B	BW5B-1	B/C_2/3	BW5B-1-B/C_2/3	No	186277.39	2976719.94	5	5	4
5B	BW5B-1	C/D_2/3	BW5B-1-C/D_2/3	No	186308.19	2976674.77	5	5	4
5B	BW5B-1	D/E_2/3	BW5B-1-D/E_2/3	No	186343.10	2976639.17	5	5	4
5B	BW5B-1	E/F_3	BW5B-1-E/F_3	No	186378.70	2976603.58	5	5	4
5B	BW5B-1	F/G_2/3	BW5B-1-F/G_2/3	No	186406.08	2976559.77	5	5	4
5B	BW5B-1	F/G_7	BW5B-1-F/G_7	No	186590.22	2976683.66	5	5	4
5B	BW5B-1	G/H_2/3	BW5B-1-G/H_2/3	No	186435.51	2976519.38	5	5	4
5B	BW5B-1	G/H_7/8	BW5B-1-G/H_7/8	No	186620.33	2976653.55	5	5	4
5B	BW5B-1	H/I_2/3	BW5B-1-H/I_2/3	No	186465.63	2976478.31	5	5	4
5B	BW5B-1	H/I_7/8	BW5B-1-H/I_7/8	No	186658.67	2976617.95	5	5	4
5B	BW5B-1	I/J_3	BW5B-1-I/J_3	No	186509.44	2976448.19	5	5	4
5B	BW5B-1	I/J_7/8	BW5B-1-I/J_7/8	No	186696.32	2976582.36	5	5	4
5B	BW5B-1	J/K_3/4	BW5B-1-J/K_3/4	No	186554.62	2976416.70	5	5	4
5B	BW5B-1	J/K_8	BW5B-1-J/K_8	No	186731.23	2976541.97	5	5	4
5B	BW5B-1	K/L_3/4	BW5B-1-K/L_3/4	No	186579.95	2976376.32	5	5	4
5B	BW5B-1	K/L_8	BW5B-1-K/L_8	No	186766.82	2976513.22	5	5	4
5B	BW5B-1	L/M_3	BW5B-1-L/M_3	No	186586.79	2976322.24	5	5	4
5B	BW5B-1	L/M_8/9	BW5B-1-L/M_8/9	No	186807.89	2976478.31	5	5	4
5B	BW5B-1	M/N_2/3	BW5B-1-M/N_2/3	No	186605.96	2976270.90	5	5	4
5B	BW5B-1	M/N_8/9	BW5B-1-M/N_8/9	No	186840.06	2976437.92	5	5	4
5B	BW5B-1	N/O_2/3	BW5B-1-N/O_2/3	No	186641.55	2976234.62	5	5	4
5B	BW5B-1	N/O_8/9	BW5B-1-N/O_8/9	No	186870.87	2976391.38	5	5	4
5B	BW5B-1	O/P_3/4	BW5B-1-O/P_3/4	No	186697.68	2976216.14	5	5	4
5B	BW5B-1	O/P_8	BW5B-1-O/P_8	No	186881.82	2976336.61	5	5	4
5B	BW5B-1	P/Q_4/5	BW5B-1-P/Q_4/5	No	186755.87	2976207.24	5	5	4
5B	BW5B-1	P/Q_7/8	BW5B-1-P/Q_7/8	No	186888.67	2976280.48	5	5	4
5B	BW5B-1	Q_5/6	BW5B-1-Q_5/6	No	186820.90	2976205.87	5	5	4
5B	BW5B-1	Q_6/7	BW5B-1-Q_6/7	No	186870.87	2976233.94	5	5	4
5B	BW5B-2	B/C_2/3	BW5B-2-B/C_2/3	Yes	186496.49	2974666.20	1	1	0
5B	BW5B-2	B_2/3	BW5B-2-B_2/3	Yes	186536.71	2974684.82	1	1	0
5B	BW5B-2	C/D_2/3	BW5B-2-C/D_2/3	Yes	186474.90	2974630.45	1	1	0
5B	BW5B-2	D/E_3/4	BW5B-2-D/E_3/4	Yes	186449.95	2974584.28	1	1	0
5B	BW5B-2	D/E_4	BW5B-2-D/E_4	Yes	186475.27	2974549.28	1	1	0
5B	BW5B-2	D/E_5	BW5B-2-D/E_5	Yes	186495.75	2974506.09	1	1	0
5B	BW5B-2	E/F_3	BW5B-2-E/F_3	Yes	186403.03	2974560.45	1	1	0
5B	BW5B-2	E/F_4	BW5B-2-E/F_4	Yes	186426.12	2974517.63	1	1	0
5B	BW5B-2	F/G_3	BW5B-2-F/G_3	Yes	186355.37	2974539.23	1	1	0
5B	BW5B-2	F/G_3/4	BW5B-2-F/G_3/4	Yes	186372.50	2974501.99	1	1	0
5B	BW5B-2	G/H_2/3	BW5B-2-G/H_2/3	Yes	186296.54	2974527.68	1	1	0
5B	BW5B-3	B/C_3	BW5B-3-B/C_3	No	186280.91	2974100.57	5	5	4
5B	BW5B-3	C/D_3/4	BW5B-3-C/D_3/4	No	186306.67	2974051.28	5	5	4
5B	BW5B-3	D/E_3	BW5B-3-D/E_3	No	186306.03	2973997.85	5	5	4
5B	BW5B-3	E/F_3	BW5B-3-E/F_3	No	186322.89	2973952.06	5	5	4
5B	BW5B-3	F/G_2/3	BW5B-3-F/G_2/3	No	186321.61	2973900.86	5	5	4
5B	BW5B-3	G/H_2	BW5B-3-G/H_2	No	186320.34	2973848.70	5	5	4
5B	BW5B-3	G_3	BW5B-3-G_3	No	186354.69	2973880.50	5	5	4
5B	BW5B-4	A/B_2/3	BW5B-4-A/B_2/3	No	186171.83	2973704.32	5	5	4
5B	BW5B-4	B/C_2/3	BW5B-4-B/C_2/3	No	186181.69	2973664.57	5	5	4
5B	BW5B-4	C/D_2/3	BW5B-4-C/D_2/3	No	186184.87	2973621.96	5	5	4
5B	BW5B-5	B/C_2/3	BW5B-5-B/C_2/3	No	186105.05	2973297.90	5	5	4
5B	BW5B-5	C/D_2/3	BW5B-5-C/D_2/3	No	186147.66	2973273.42	5	5	4
5B	BW5B-5	C/D_3/4	BW5B-5-C/D_3/4	No	186128.90	2973229.21	5	5	4
5B	BW5B-5	D/E_2/3	BW5B-5-D/E_2/3	No	186194.73	2973254.97	5	5	4
5B	BW5B-5	D/E_3/4	BW5B-5-D/E_3/4	No	186174.69	2973207.59	5	5	4
5B	BW5B-5	E/F_3/4	BW5B-5-E/F_3/4	No	186206.81	2973186.28	5	5	4
5B	BW5B-6	B/C_15	BW5B-6-B/C_15	No	184976.29	2970751.12	5	5	4
5B	BW5B-6	B/C_2/3	BW5B-6-B/C_2/3	No	184443.68	2971100.49	5	5	4
5B	BW5B-6	C/D_15	BW5B-6-C/D_15	No	184933.59	2970715.40	5	5	4
5B	BW5B-6	C/D_16	BW5B-6-C/D_16	No	184976.29	2970690.56	5	5	4
5B	BW5B-6	C/D_3	BW5B-6-C/D_3	No	184437.47	2971052.36	5	5	4
5B	BW5B-6	D/E_15	BW5B-6-D/E_15	No	184904.09	2970672.70	5	5	4
5B	BW5B-6	D/E_16	BW5B-6-D/E_16	No	184947.56	2970641.64	5	5	4
5B	BW5B-6	D/E_4/5	BW5B-6-D/E_4/5	No	184477.07	2970956.86	5	5	4
5B	BW5B-6	D/E_5/6	BW5B-6-D/E_5/6	No	184521.32	2970938.23	5	5	4
5B	BW5B-6	D_3/4	BW5B-6-D_3/4	No	184445.23	2970999.56	5	5	4
5B	BW5B-6	E/F_15	BW5B-6-E/F_15	No	184877.69	2970629.22	5	5	4

**Appendix C**
**Proposed PCB Sample Tracking Matrix for Backwater Sediments**

Reach	Backwater ID	Grid ID	Location ID	Inside Core Area 1 Habitat	Easting	Northing	Estimated Total Sample Depth	Estimated Number of Samples for PCB Analysis	Estimated Number of Samples to Hold
5B	BW5B-6	E/F_16	BW5B-6-E/F_16	No	184921.94	2970599.72	5	5	4
5B	BW5B-6	E/F_4/5	BW5B-6-E/F_4/5	No	184448.34	2970912.61	5	5	4
5B	BW5B-6	E_5/6	BW5B-6-E_5/6	No	184498.03	2970899.41	5	5	4
5B	BW5B-6	E_6/7	BW5B-6-E_6/7	No	184547.72	2970886.21	5	5	4
5B	BW5B-6	F/G_14/15	BW5B-6-F/G_14/15	No	184845.86	2970591.18	5	5	4
5B	BW5B-6	F/G_16	BW5B-6-F/G_16	No	184894.77	2970560.90	5	5	4
5B	BW5B-6	F/G_3	BW5B-6-F/G_3	Yes	184351.29	2970914.16	1	1	0
5B	BW5B-6	F/G_6/7	BW5B-6-F/G_6/7	No	184496.48	2970805.46	5	5	4
5B	BW5B-6	F/G_8/9	BW5B-6-F/G_8/9	No	184581.88	2970760.43	5	5	4
5B	BW5B-6	F_2	BW5B-6-F_2	Yes	184334.21	2970958.41	1	1	0
5B	BW5B-6	F_5/6	BW5B-6-F_5/6	No	184473.18	2970858.26	5	5	4
5B	BW5B-6	F_6/7	BW5B-6-F_6/7	No	184522.10	2970848.17	5	5	4
5B	BW5B-6	F_7	BW5B-6-F_7	No	184548.50	2970819.44	5	5	4
5B	BW5B-6	G/H_10/11	BW5B-6-G/H_10/11	No	184637.78	2970674.25	5	5	4
5B	BW5B-6	G/H_15	BW5B-6-G/H_15	No	184831.88	2970537.61	5	5	4
5B	BW5B-6	G/H_16	BW5B-6-G/H_16	No	184871.48	2970514.31	5	5	4
5B	BW5B-6	G/H_4/5	BW5B-6-G/H_4/5	No	184392.44	2970828.76	5	5	4
5B	BW5B-6	G/H_8/9	BW5B-6-G/H_8/9	No	184556.26	2970717.73	5	5	4
5B	BW5B-6	G_10/9	BW5B-6-G_10/9	No	184613.71	2970714.62	5	5	4
5B	BW5B-6	G_3/4	BW5B-6-G_3/4	Yes	184367.59	2970869.13	1	1	0
5B	BW5B-6	G_5/6	BW5B-6-G_5/6	No	184443.68	2970817.89	5	5	4
5B	BW5B-6	G_7/8	BW5B-6-G_7/8	No	184529.09	2970772.85	5	5	4
5B	BW5B-6	H/I_10/11	BW5B-6-H/I_10/11	No	184615.27	2970623.01	5	5	4
5B	BW5B-6	H/I_11/12	BW5B-6-H/I_11/12	No	184662.63	2970605.93	5	5	4
5B	BW5B-6	H/I_15	BW5B-6-H/I_15	No	184812.47	2970492.57	5	5	4
5B	BW5B-6	H/I_16	BW5B-6-H/I_16	No	184850.51	2970470.06	5	5	4
5B	BW5B-6	H/I_4/5	BW5B-6-H/I_4/5	Yes	184365.27	2970791.49	1	1	0
5B	BW5B-6	H_10/9	BW5B-6-H_10/9	No	184581.10	2970665.71	5	5	4
5B	BW5B-6	H_5/6	BW5B-6-H_5/6	No	184416.51	2970772.08	5	5	4
5B	BW5B-6	H_6/7	BW5B-6-H_6/7	No	184465.42	2970761.21	5	5	4
5B	BW5B-6	H_7/8	BW5B-6-H_7/8	No	184498.03	2970732.48	5	5	4
5B	BW5B-6	I/J_10/11	BW5B-6-I/J_10/11	No	184592.75	2970586.52	5	5	4
5B	BW5B-6	I/J_11/12	BW5B-6-I/J_11/12	No	184630.79	2970553.91	5	5	4
5B	BW5B-6	I/J_12/13	BW5B-6-I/J_12/13	No	184674.27	2970527.51	5	5	4
5B	BW5B-6	I/J_15/16	BW5B-6-I/J_15/16	No	184800.82	2970443.66	5	5	4
5B	BW5B-6	I/J_16/17	BW5B-6-I/J_16/17	No	184843.53	2970414.93	5	5	4
5B	BW5B-6	J/K_10/11	BW5B-6-J/K_10/11	Yes	184558.59	2970531.39	1	1	0
5B	BW5B-6	J/K_10/9	BW5B-6-J/K_10/9	Yes	184520.54	2970564.78	1	1	0
5B	BW5B-6	J/K_11/12	BW5B-6-J/K_11/12	No	184605.95	2970514.31	5	5	4
5B	BW5B-6	J/K_12/13	BW5B-6-J/K_12/13	No	184647.10	2970488.69	5	5	4
5B	BW5B-6	J/K_14/15	BW5B-6-J/K_14/15	No	184730.17	2970432.02	5	5	4
5B	BW5B-6	J/K_15/16	BW5B-6-J/K_15/16	No	184771.32	2970404.84	5	5	4
5B	BW5B-6	J/K_16/17	BW5B-6-J/K_16/17	No	184815.58	2970373.79	5	5	4
5B	BW5B-6	J_13/14	BW5B-6-J_13/14	No	184697.56	2970472.39	5	5	4
5B	BW5B-6	K/L_10/9	BW5B-6-K/L_10/9	Yes	184491.82	2970523.63	1	1	0
5B	BW5B-6	K/L_11/12	BW5B-6-K/L_11/12	No	184577.22	2970472.39	5	5	4
5B	BW5B-6	K/L_12/13	BW5B-6-K/L_12/13	No	184618.37	2970448.32	5	5	4
5B	BW5B-6	K/L_14/15	BW5B-6-K/L_14/15	No	184701.45	2970390.09	5	5	4
5B	BW5B-6	K/L_15/16	BW5B-6-K/L_15/16	No	184743.37	2970362.92	5	5	4
5B	BW5B-6	K/L_16/17	BW5B-6-K/L_16/17	No	184775.98	2970338.85	5	5	4
5B	BW5B-6	K_13/14	BW5B-6-K_13/14	No	184668.06	2970428.91	5	5	4
5B	BW5B-6	K_8/9	BW5B-6-K_8/9	Yes	184473.18	2970570.99	1	1	0
5B	BW5B-6	L/M_11/12	BW5B-6-L/M_11/12	Yes	184551.60	2970429.69	1	1	0
5B	BW5B-6	L/M_12/13	BW5B-6-L/M_12/13	No	184588.87	2970401.74	5	5	4
5B	BW5B-6	L/M_13/14	BW5B-6-L/M_13/14	No	184633.90	2970382.33	5	5	4
5B	BW5B-6	L/M_14/15	BW5B-6-L/M_14/15	No	184673.50	2970347.39	5	5	4
5B	BW5B-6	L/M_15/16	BW5B-6-L/M_15/16	No	184716.20	2970323.32	5	5	4
5B	BW5B-6	L/M_16	BW5B-6-L/M_16	No	184745.70	2970298.47	5	5	4
5B	BW5B-6	L_10/11	BW5B-6-L_10/11	Yes	184525.20	2970483.26	1	1	0
5B	BW5B-6	M/N_12/13	BW5B-6-M/N_12/13	No	184555.48	2970364.47	5	5	4
5B	BW5B-6	M/N_13/14	BW5B-6-M/N_13/14	No	184601.29	2970335.74	5	5	4
5B	BW5B-6	M/N_14/15	BW5B-6-M/N_14/15	No	184649.43	2970306.24	5	5	4
5B	BW5B-6	M/N_15/16	BW5B-6-M/N_15/16	No	184690.58	2970279.84	5	5	4
5B	BW5B-6	M/N_16/17	BW5B-6-M/N_16/17	No	184723.96	2970254.22	5	5	4
5B	BW5B-6	N/O_11/12	BW5B-6-N/O_11/12	No	184498.81	2970344.28	5	5	4
5B	BW5B-6	N/O_12/13	BW5B-6-N/O_12/13	No	184539.95	2970317.11	5	5	4

**Appendix C**
**Proposed PCB Sample Tracking Matrix for Backwater Sediments**

Reach	Backwater ID	Grid ID	Location ID	Inside Core Area 1 Habitat	Easting	Northing	Estimated Total Sample Depth	Estimated Number of Samples for PCB Analysis	Estimated Number of Samples to Hold
5B	BW5B-6	N/O_13/14	BW5B-6-N/O_13/14	No	184579.55	2970290.71	5	5	4
5B	BW5B-6	N/O_14/15	BW5B-6-N/O_14/15	No	184623.03	2970258.88	5	5	4
5B	BW5B-6	N/O_15/16	BW5B-6-N/O_15/16	No	184668.84	2970237.92	5	5	4
5B	BW5B-6	N/O_16/17	BW5B-6-N/O_16/17	No	184699.89	2970209.19	5	5	4
5B	BW5B-6	O/P_11/12	BW5B-6-O/P_11/12	No	184470.86	2970306.24	5	5	4
5B	BW5B-6	O/P_12/13	BW5B-6-O/P_12/13	No	184510.45	2970276.74	5	5	4
5B	BW5B-6	O/P_13/14	BW5B-6-O/P_13/14	No	184556.26	2970250.34	5	5	4
5B	BW5B-6	O/P_14/15	BW5B-6-O/P_14/15	No	184594.30	2970222.39	5	5	4
5B	BW5B-6	O/P_15/16	BW5B-6-O/P_15/16	No	184636.23	2970192.11	5	5	4
5B	BW5B-7	B/C_2/3	BW5B-7-B/C_2/3	No	185716.57	2970508.27	5	5	4
5B	BW5B-7	C/D_2/3	BW5B-7-C/D_2/3	No	185735.23	2970472.11	5	5	4
5B	BW5B-7	D/E_2/3	BW5B-7-D/E_2/3	No	185759.41	2970427.65	5	5	4
5B	BW5B-7	E/F_2/3	BW5B-7-E/F_2/3	No	185778.07	2970380.43	5	5	4
5B	BW5B-7	F/G_2/3	BW5B-7-F/G_2/3	No	185799.26	2970333.90	5	5	4
5B	BW5B-8	B_2/3	BW5B-8-B_2/3	No	185978.64	2970342.21	5	5	4
5B	BW5B-8	C_2	BW5B-8-C_2	No	185975.13	2970294.76	5	5	4
5B	BW5B-8	D_2	BW5B-8-D_2	No	185972.49	2970247.31	5	5	4
5C	BW5C-10	B/C_2/3	BW5C-10-B/C_2/3	No	185535.00	2965219.80	5	5	4
5C	BW5C-10	B/C_3/4	BW5C-10-B/C_3/4	No	185585.74	2965235.62	5	5	4
5C	BW5C-10	C/D_2/3	BW5C-10-C/D_2/3	No	185556.09	2965169.72	5	5	4
5C	BW5C-10	C/D_3/4	BW5C-10-C/D_3/4	No	185604.85	2965194.76	5	5	4
5C	BW5C-10	C_4	BW5C-10-C_4	No	185628.57	2965236.93	5	5	4
5C	BW5C-10	D/E_2/3	BW5C-10-D/E_2/3	No	185591.01	2965134.14	5	5	4
5C	BW5C-10	D/E_3/4	BW5C-10-D/E_3/4	No	185639.77	2965157.20	5	5	4
5C	BW5C-10	E/F_2/3	BW5C-10-E/F_2/3	No	185612.10	2965087.35	5	5	4
5C	BW5C-10	E/F_3/4	BW5C-10-E/F_3/4	No	185654.27	2965112.39	5	5	4
5C	BW5C-10	E/F_4/5	BW5C-10-E/F_4/5	No	185699.08	2965138.75	5	5	4
5C	BW5C-10	F/G_2/3	BW5C-10-F/G_2/3	No	185636.48	2965041.23	5	5	4
5C	BW5C-10	F/G_3/4	BW5C-10-F/G_3/4	No	185681.29	2965064.29	5	5	4
5C	BW5C-10	F/G_4/5	BW5C-10-F/G_4/5	No	185724.78	2965086.04	5	5	4
5C	BW5C-10	G/H_2/3	BW5C-10-G/H_2/3	No	185660.20	2964999.06	5	5	4
5C	BW5C-10	G/H_3/4	BW5C-10-G/H_3/4	No	185700.39	2965018.17	5	5	4
5C	BW5C-10	G/H_4/5	BW5C-10-G/H_4/5	No	185744.54	2965041.89	5	5	4
5C	BW5C-10	H/I_3	BW5C-10-H/I_3	No	185708.30	2964965.45	5	5	4
5C	BW5C-10	H/I_4	BW5C-10-H/I_4	No	185756.40	2964987.85	5	5	4
5C	BW5C-10	I/J_3	BW5C-10-I/J_3	No	185732.02	2964923.28	5	5	4
5C	BW5C-10	I/J_4/5	BW5C-10-I/J_4/5	No	185786.72	2964948.32	5	5	4
5C	BW5C-10	J/K_3	BW5C-10-J/K_3	No	185753.77	2964875.83	5	5	4
5C	BW5C-10	J/K_4	BW5C-10-J/K_4	No	185795.94	2964905.49	5	5	4
5C	BW5C-10	K/L_3	BW5C-10-K/L_3	No	185770.24	2964823.78	5	5	4
5C	BW5C-10	K/L_4	BW5C-10-K/L_4	No	185809.12	2964852.11	5	5	4
5C	BW5C-10	L/M_2/3	BW5C-10-L/M_2/3	No	185780.13	2964770.40	5	5	4
5C	BW5C-10	L/M_3/4	BW5C-10-L/M_3/4	No	185818.35	2964798.74	5	5	4
5C	BW5C-10	N_2	BW5C-10-N_2	No	185790.01	2964709.78	5	5	4
5C	BW5C-11	B/C_5/6	BW5C-11-B/C_5/6	No	185471.08	2964828.39	5	5	4
5C	BW5C-11	C/D_5	BW5C-11-C/D_5	No	185477.01	2964778.31	5	5	4
5C	BW5C-11	D/E_5	BW5C-11-D/E_5	No	185502.05	2964731.52	5	5	4
5C	BW5C-11	E/F_5	BW5C-11-E/F_5	No	185513.25	2964676.17	5	5	4
5C	BW5C-11	F/G_2/3	BW5C-11-F/G_2/3	No	185426.27	2964591.17	5	5	4
5C	BW5C-11	F/G_5	BW5C-11-F/G_5	No	185537.64	2964626.75	5	5	4
5C	BW5C-11	G_2/3	BW5C-11-G_2/3	No	185450.00	2964557.56	5	5	4
5C	BW5C-11	H/I_2/3	BW5C-11-H/I_2/3	No	185482.28	2964504.85	5	5	4
5C	BW5C-11	H_5	BW5C-11-H_5	No	185566.63	2964578.65	5	5	4
5C	BW5C-11	I_3/4	BW5C-11-I_3/4	No	185535.00	2964498.26	5	5	4
5C	BW5C-11	I_5	BW5C-11-I_5	No	185589.03	2964525.93	5	5	4
5C	BW5C-11	J_4	BW5C-11-J_4	No	185567.95	2964460.04	5	5	4
5C	BW5C-11	J_5	BW5C-11-J_5	No	185616.71	2964485.74	5	5	4
5C	BW5C-11	K_3	BW5C-11-K_3	No	185566.63	2964390.85	5	5	4
5C	BW5C-11	K_4	BW5C-11-K_4	No	185613.41	2964419.84	5	5	4
5C	BW5C-11	K_5/6	BW5C-11-K_5/6	No	185661.52	2964446.86	5	5	4
5C	BW5C-11	L/M_3	BW5C-11-L/M_3	No	185596.94	2964330.89	5	5	4
5C	BW5C-11	L_4	BW5C-11-L_4	No	185632.52	2964376.35	5	5	4
5C	BW5C-11	L_5/6	BW5C-11-L_5/6	No	185690.51	2964399.42	5	5	4
5C	BW5C-11	M/N_3/4	BW5C-11-M/N_3/4	No	185639.11	2964302.55	5	5	4
5C	BW5C-11	M/N_5/6	BW5C-11-M/N_5/6	No	185719.50	2964352.63	5	5	4
5C	BW5C-11	M_4/5	BW5C-11-M_4/5	No	185669.42	2964347.36	5	5	4

**Appendix C**
**Proposed PCB Sample Tracking Matrix for Backwater Sediments**

Reach	Backwater ID	Grid ID	Location ID	Inside Core Area 1 Habitat	Easting	Northing	Estimated Total Sample Depth	Estimated Number of Samples for PCB Analysis	Estimated Number of Samples to Hold
5C	BW5C-11	N/O_3/4	BW5C-11-N/O_3/4	No	185662.83	2964261.04	5	5	4
5C	BW5C-11	N/O_5/6	BW5C-11-N/O_5/6	No	185751.13	2964303.21	5	5	4
5C	BW5C-11	N_4/5	BW5C-11-N_4/5	No	185689.85	2964301.23	5	5	4
5C	BW5C-11	O/P_3/4	BW5C-11-O/P_3/4	No	185676.01	2964212.28	5	5	4
5C	BW5C-11	O/P_4/5	BW5C-11-O/P_4/5	No	185712.26	2964237.97	5	5	4
5C	BW5C-11	P_3/4	BW5C-11-P_3/4	No	185695.12	2964174.72	5	5	4
5C	BW5C-12	B/C_3/4	BW5C-12-B/C_3/4	No	185954.75	2964130.57	5	5	4
5C	BW5C-12	C/D_3	BW5C-12-C/D_3	No	185942.23	2964073.90	5	5	4
5C	BW5C-12	C/D_4	BW5C-12-C/D_4	No	185994.94	2964071.26	5	5	4
5C	BW5C-12	C/D_5/6	BW5C-12-C/D_5/6	No	186055.57	2964083.78	5	5	4
5C	BW5C-12	C_4/5	BW5C-12-C_4/5	No	186003.51	2964120.68	5	5	4
5C	BW5C-12	D/E_2	BW5C-12-D/E_2	No	185910.60	2964027.11	5	5	4
5C	BW5C-12	D/E_3/4	BW5C-12-D/E_3/4	No	185970.56	2964023.82	5	5	4
5C	BW5C-12	D/E_4/5	BW5C-12-D/E_4/5	No	186023.28	2964025.14	5	5	4
5C	BW5C-12	D/E_5/6	BW5C-12-D/E_5/6	No	186081.26	2964038.31	5	5	4
5C	BW5C-13	A/B_5	BW5C-13-A/B_5	No	185378.36	2964412.04	5	5	4
5C	BW5C-13	AA/AB_10/9	BW5C-13-AA/AB_10/9	No	185733.77	2963145.19	5	5	4
5C	BW5C-13	AA/AB_3	BW5C-13-AA/AB_3	No	185422.09	2963111.18	5	5	4
5C	BW5C-13	AA/AB_4	BW5C-13-AA/AB_4	No	185471.38	2963114.65	5	5	4
5C	BW5C-13	AA/AB_5	BW5C-13-AA/AB_5	No	185522.05	2963121.59	5	5	4
5C	BW5C-13	AA/AB_6	BW5C-13-AA/AB_6	No	185574.81	2963126.45	5	5	4
5C	BW5C-13	AA/AB_7	BW5C-13-AA/AB_7	No	185624.09	2963132.00	5	5	4
5C	BW5C-13	AA/AB_8/9	BW5C-13-AA/AB_8/9	No	185678.24	2963140.33	5	5	4
5C	BW5C-13	AA/Z_10	BW5C-13-AA/Z_10	No	185756.68	2963199.34	5	5	4
5C	BW5C-13	AA/Z_2/3	BW5C-13-AA/Z_2/3	No	185395.02	2963159.08	5	5	4
5C	BW5C-13	AA/Z_3/4	BW5C-13-AA/Z_3/4	No	185440.14	2963163.94	5	5	4
5C	BW5C-13	AA/Z_4/5	BW5C-13-AA/Z_4/5	No	185488.73	2963170.18	5	5	4
5C	BW5C-13	AA/Z_6	BW5C-13-AA/Z_6	No	185547.04	2963172.27	5	5	4
5C	BW5C-13	AA/Z_7	BW5C-13-AA/Z_7	No	185599.80	2963177.82	5	5	4
5C	BW5C-13	AA/Z_8	BW5C-13-AA/Z_8	No	185651.86	2963184.07	5	5	4
5C	BW5C-13	AA/Z_9	BW5C-13-AA/Z_9	No	185703.22	2963191.70	5	5	4
5C	BW5C-13	AB/AC_2/3	BW5C-13-AB/AC_2/3	No	185397.79	2963059.81	5	5	4
5C	BW5C-13	AB/AC_4	BW5C-13-AB/AC_4	No	185459.57	2963061.89	5	5	4
5C	BW5C-13	AB/AC_5	BW5C-13-AB/AC_5	No	185517.88	2963065.36	5	5	4
5C	BW5C-13	AB/AC_6	BW5C-13-AB/AC_6	No	185576.19	2963070.22	5	5	4
5C	BW5C-13	AB/AC_7	BW5C-13-AB/AC_7	No	185625.48	2963075.78	5	5	4
5C	BW5C-13	AB/AC_8	BW5C-13-AB/AC_8	No	185674.76	2963079.94	5	5	4
5C	BW5C-13	AB/AC_9	BW5C-13-AB/AC_9	No	185726.13	2963085.50	5	5	4
5C	BW5C-13	AC/AD_2	BW5C-13-AC/AD_2	No	185380.44	2963009.83	5	5	4
5C	BW5C-13	AC/AD_3	BW5C-13-AC/AD_3	No	185430.42	2963010.53	5	5	4
5C	BW5C-13	AC/AD_4	BW5C-13-AC/AD_4	No	185483.87	2963005.67	5	5	4
5C	BW5C-13	AC/AD_5	BW5C-13-AC/AD_5	No	185531.77	2963007.75	5	5	4
5C	BW5C-13	AC/AD_6/7	BW5C-13-AC/AD_6/7	No	185589.38	2963012.61	5	5	4
5C	BW5C-13	AC/AD_7/8	BW5C-13-AC/AD_7/8	No	185643.53	2963020.24	5	5	4
5C	BW5C-13	AC/AD_8/9	BW5C-13-AC/AD_8/9	No	185705.31	2963026.49	5	5	4
5C	BW5C-13	AD/AE_2	BW5C-13-AD/AE_2	No	185390.16	2962951.52	5	5	4
5C	BW5C-13	AD/AE_3/4	BW5C-13-AD/AE_3/4	No	185451.24	2962961.24	5	5	4
5C	BW5C-13	AD/AE_4/5	BW5C-13-AD/AE_4/5	No	185504.00	2962950.83	5	5	4
5C	BW5C-13	AE/AF_4	BW5C-13-AE/AF_4	No	185479.71	2962898.77	5	5	4
5C	BW5C-13	AE_3	BW5C-13-AE_3	No	185435.28	2962918.90	5	5	4
5C	BW5C-13	AE_6	BW5C-13-AE_6	No	185571.33	2962957.08	5	5	4
5C	BW5C-13	AE_7	BW5C-13-AE_7	No	185630.34	2962964.02	5	5	4
5C	BW5C-13	AE_8	BW5C-13-AE_8	No	185687.26	2962961.93	5	5	4
5C	BW5C-13	AF_5	BW5C-13-AF_5	No	185544.26	2962903.62	5	5	4
5C	BW5C-13	AF_6/7	BW5C-13-AF_6/7	No	185601.18	2962901.54	5	5	4
5C	BW5C-13	AF_7	BW5C-13-AF_7	No	185650.47	2962906.40	5	5	4
5C	BW5C-13	AG_7/8	BW5C-13-AG_7/8	No	185682.40	2962857.12	5	5	4
5C	BW5C-13	AG_9	BW5C-13-AG_9	No	185752.51	2962865.45	5	5	4
5C	BW5C-13	AH_10/9	BW5C-13-AH_10/9	No	185776.11	2962818.94	5	5	4
5C	BW5C-13	AH_8/9	BW5C-13-AH_8/9	No	185723.36	2962812.00	5	5	4
5C	BW5C-13	AI/AJ_8/9	BW5C-13-AI/AJ_8/9	Yes	185737.24	2962741.19	1	1	0
5C	BW5C-13	AI_10/9	BW5C-13-AI_10/9	No	185781.67	2962768.96	5	5	4
5C	BW5C-13	AJ/AK_9	BW5C-13-AJ/AK_9	Yes	185772.64	2962689.13	1	1	0
5C	BW5C-13	B/C_4	BW5C-13-B/C_4	No	185320.05	2964356.50	5	5	4
5C	BW5C-13	B/C_5	BW5C-13-B/C_5	No	185374.89	2964363.44	5	5	4
5C	BW5C-13	B/C_6	BW5C-13-B/C_6	No	185421.40	2964369.00	5	5	4

**Appendix C**
**Proposed PCB Sample Tracking Matrix for Backwater Sediments**

Reach	Backwater ID	Grid ID	Location ID	Inside Core Area 1 Habitat	Easting	Northing	Estimated Total Sample Depth	Estimated Number of Samples for PCB Analysis	Estimated Number of Samples to Hold
5C	BW5C-13	C/D_3/4	BW5C-13-C/D_3/4	No	185307.55	2964308.61	5	5	4
5C	BW5C-13	C/D_4/5	BW5C-13-C/D_4/5	No	185358.23	2964314.85	5	5	4
5C	BW5C-13	C/D_5/6	BW5C-13-C/D_5/6	No	185404.04	2964312.77	5	5	4
5C	BW5C-13	C/D_6/7	BW5C-13-C/D_6/7	No	185450.55	2964321.10	5	5	4
5C	BW5C-13	D/E_3/4	BW5C-13-D/E_3/4	No	185300.61	2964259.32	5	5	4
5C	BW5C-13	D/E_4	BW5C-13-D/E_4	No	185345.73	2964253.07	5	5	4
5C	BW5C-13	D/E_5	BW5C-13-D/E_5	No	185394.32	2964257.24	5	5	4
5C	BW5C-13	D/E_6	BW5C-13-D/E_6	No	185445.69	2964262.79	5	5	4
5C	BW5C-13	E/F_7	BW5C-13-E/F_7	No	185497.75	2964209.34	5	5	4
5C	BW5C-13	F_4	BW5C-13-F_4	No	185338.79	2964189.21	5	5	4
5C	BW5C-13	F_5	BW5C-13-F_5	No	185392.94	2964192.68	5	5	4
5C	BW5C-13	F_6	BW5C-13-F_6	No	185447.77	2964196.15	5	5	4
5C	BW5C-13	G_4	BW5C-13-G_4	No	185357.53	2964134.37	5	5	4
5C	BW5C-13	G_5/6	BW5C-13-G_5/6	No	185414.45	2964140.62	5	5	4
5C	BW5C-13	G_6/7	BW5C-13-G_6/7	No	185469.29	2964148.95	5	5	4
5C	BW5C-13	G_7/8	BW5C-13-G_7/8	No	185521.35	2964146.87	5	5	4
5C	BW5C-13	H_4	BW5C-13-H_4	No	185357.53	2964085.09	5	5	4
5C	BW5C-13	H_5	BW5C-13-H_5	No	185408.21	2964089.95	5	5	4
5C	BW5C-13	H_6	BW5C-13-H_6	No	185452.63	2964095.50	5	5	4
5C	BW5C-13	H_7	BW5C-13-H_7	No	185493.59	2964097.58	5	5	4
5C	BW5C-13	H_8	BW5C-13-H_8	No	185547.73	2964100.36	5	5	4
5C	BW5C-13	I_3/4	BW5C-13-I_3/4	No	185335.32	2964024.69	5	5	4
5C	BW5C-13	I_4/5	BW5C-13-I_4/5	No	185393.63	2964033.02	5	5	4
5C	BW5C-13	I_5/6	BW5C-13-I_5/6	No	185448.47	2964037.88	5	5	4
5C	BW5C-13	I_7	BW5C-13-I_7	No	185500.53	2964044.13	5	5	4
5C	BW5C-13	I_8	BW5C-13-I_8	No	185554.67	2964046.21	5	5	4
5C	BW5C-13	J/K_3	BW5C-13-J/K_3	Yes	185317.97	2963961.53	1	1	0
5C	BW5C-13	J_4	BW5C-13-J_4	No	185369.33	2963979.57	5	5	4
5C	BW5C-13	J_5	BW5C-13-J_5	No	185420.01	2963983.74	5	5	4
5C	BW5C-13	J_6	BW5C-13-J_6	No	185470.68	2963989.99	5	5	4
5C	BW5C-13	J_7/8	BW5C-13-J_7/8	No	185533.16	2963993.46	5	5	4
5C	BW5C-13	J_8/9	BW5C-13-J_8/9	No	185603.27	2963996.23	5	5	4
5C	BW5C-13	K/L_2	BW5C-13-K/L_2	Yes	185281.87	2963896.97	1	1	0
5C	BW5C-13	K/L_9	BW5C-13-K/L_9	No	185624.78	2963944.17	5	5	4
5C	BW5C-13	K_3/4	BW5C-13-K_3/4	No	185342.96	2963917.79	5	5	4
5C	BW5C-13	K_4/5	BW5C-13-K_4/5	No	185400.57	2963924.04	5	5	4
5C	BW5C-13	K_5/6	BW5C-13-K_5/6	No	185454.02	2963931.68	5	5	4
5C	BW5C-13	K_6/7	BW5C-13-K_6/7	No	185509.55	2963939.31	5	5	4
5C	BW5C-13	K_8	BW5C-13-K_8	No	185567.86	2963949.73	5	5	4
5C	BW5C-13	L/M_10/9	BW5C-13-L/M_10/9	No	185641.44	2963893.50	5	5	4
5C	BW5C-13	L_2/3	BW5C-13-L_2/3	No	185317.27	2963862.26	5	5	4
5C	BW5C-13	L_4	BW5C-13-L_4	No	185379.05	2963869.90	5	5	4
5C	BW5C-13	L_5	BW5C-13-L_5	No	185427.64	2963874.76	5	5	4
5C	BW5C-13	L_6	BW5C-13-L_6	No	185479.01	2963882.39	5	5	4
5C	BW5C-13	L_7	BW5C-13-L_7	No	185531.77	2963887.94	5	5	4
5C	BW5C-13	L_8	BW5C-13-L_8	No	185582.44	2963893.50	5	5	4
5C	BW5C-13	M/N_10	BW5C-13-M/N_10	No	185678.24	2963849.07	5	5	4
5C	BW5C-13	M/N_6/7	BW5C-13-M/N_6/7	No	185505.39	2963831.72	5	5	4
5C	BW5C-13	M/N_8/9	BW5C-13-M/N_8/9	No	185619.23	2963844.21	5	5	4
5C	BW5C-13	M_2/3	BW5C-13-M_2/3	No	185297.84	2963810.89	5	5	4
5C	BW5C-13	M_3/4	BW5C-13-M_3/4	No	185354.76	2963817.83	5	5	4
5C	BW5C-13	M_4/5	BW5C-13-M_4/5	No	185406.82	2963822.00	5	5	4
5C	BW5C-13	M_5/6	BW5C-13-M_5/6	No	185456.10	2963828.94	5	5	4
5C	BW5C-13	M_7/8	BW5C-13-M_7/8	No	185558.84	2963837.97	5	5	4
5C	BW5C-13	N/O_10/9	BW5C-13-N/O_10/9	No	185665.05	2963797.70	5	5	4
5C	BW5C-13	N/O_11	BW5C-13-N/O_11	No	185730.99	2963803.26	5	5	4
5C	BW5C-13	N/O_12	BW5C-13-N/O_12	No	185784.44	2963799.79	5	5	4
5C	BW5C-13	N/O_6/7	BW5C-13-N/O_6/7	No	185513.02	2963781.74	5	5	4
5C	BW5C-13	N/O_7/8	BW5C-13-N/O_7/8	No	185565.09	2963785.90	5	5	4
5C	BW5C-13	N/O_8/9	BW5C-13-N/O_8/9	No	185615.76	2963792.15	5	5	4
5C	BW5C-13	N_2/3	BW5C-13-N_2/3	No	185309.64	2963764.38	5	5	4
5C	BW5C-13	N_3/4	BW5C-13-N_3/4	No	185357.53	2963768.55	5	5	4
5C	BW5C-13	N_4/5	BW5C-13-N_4/5	No	185410.98	2963772.02	5	5	4
5C	BW5C-13	N_5/6	BW5C-13-N_5/6	No	185458.88	2963777.57	5	5	4
5C	BW5C-13	O_10	BW5C-13-O_10	No	185703.22	2963756.75	5	5	4
5C	BW5C-13	O_3	BW5C-13-O_3	No	185340.18	2963713.71	5	5	4

**Appendix C**
**Proposed PCB Sample Tracking Matrix for Backwater Sediments**

Reach	Backwater ID	Grid ID	Location ID	Inside Core Area 1 Habitat	Easting	Northing	Estimated Total Sample Depth	Estimated Number of Samples for PCB Analysis	Estimated Number of Samples to Hold
5C	BW5C-13	O_4	BW5C-13-O_4	No	185390.85	2963719.26	5	5	4
5C	BW5C-13	O_5	BW5C-13-O_5	No	185441.53	2963724.12	5	5	4
5C	BW5C-13	O_6	BW5C-13-O_6	No	185491.51	2963732.45	5	5	4
5C	BW5C-13	O_7	BW5C-13-O_7	No	185542.87	2963740.09	5	5	4
5C	BW5C-13	O_8	BW5C-13-O_8	No	185594.24	2963745.64	5	5	4
5C	BW5C-13	O_9	BW5C-13-O_9	No	185644.92	2963750.50	5	5	4
5C	BW5C-13	P_10	BW5C-13-P_10	No	185701.84	2963707.46	5	5	4
5C	BW5C-13	P_11/12	BW5C-13-P_11/12	No	185763.62	2963715.79	5	5	4
5C	BW5C-13	P_3	BW5C-13-P_3	No	185353.37	2963665.12	5	5	4
5C	BW5C-13	P_4	BW5C-13-P_4	No	185404.04	2963669.98	5	5	4
5C	BW5C-13	P_5	BW5C-13-P_5	No	185451.24	2963678.31	5	5	4
5C	BW5C-13	P_6	BW5C-13-P_6	No	185500.53	2963682.47	5	5	4
5C	BW5C-13	P_7	BW5C-13-P_7	No	185551.90	2963688.03	5	5	4
5C	BW5C-13	P_8	BW5C-13-P_8	No	185601.18	2963694.27	5	5	4
5C	BW5C-13	P_9	BW5C-13-P_9	No	185649.77	2963701.22	5	5	4
5C	BW5C-13	Q_10/11	BW5C-13-Q_10/11	No	185732.38	2963657.48	5	5	4
5C	BW5C-13	Q_10/9	BW5C-13-Q_10/9	No	185680.32	2963654.71	5	5	4
5C	BW5C-13	Q_11/12	BW5C-13-Q_11/12	No	185784.44	2963667.20	5	5	4
5C	BW5C-13	Q_3/4	BW5C-13-Q_3/4	No	185379.05	2963620.69	5	5	4
5C	BW5C-13	Q_4/5	BW5C-13-Q_4/5	No	185431.81	2963624.86	5	5	4
5C	BW5C-13	Q_5/6	BW5C-13-Q_5/6	No	185483.87	2963631.11	5	5	4
5C	BW5C-13	Q_6/7	BW5C-13-Q_6/7	No	185533.16	2963635.96	5	5	4
5C	BW5C-13	Q_7/8	BW5C-13-Q_7/8	No	185580.36	2963642.91	5	5	4
5C	BW5C-13	Q_8/9	BW5C-13-Q_8/9	No	185631.03	2963647.77	5	5	4
5C	BW5C-13	R/S_3	BW5C-13-R/S_3	No	185364.47	2963563.08	5	5	4
5C	BW5C-13	R/S_4	BW5C-13-R/S_4	No	185415.84	2963569.33	5	5	4
5C	BW5C-13	R/S_5	BW5C-13-R/S_5	No	185464.43	2963574.18	5	5	4
5C	BW5C-13	R/S_6	BW5C-13-R/S_6	No	185513.72	2963579.74	5	5	4
5C	BW5C-13	R/S_7	BW5C-13-R/S_7	No	185563.00	2963585.29	5	5	4
5C	BW5C-13	R/S_8	BW5C-13-R/S_8	No	185610.90	2963591.54	5	5	4
5C	BW5C-13	R_10	BW5C-13-R_10	No	185713.64	2963606.81	5	5	4
5C	BW5C-13	R_11	BW5C-13-R_11	No	185759.45	2963613.06	5	5	4
5C	BW5C-13	R_9	BW5C-13-R_9	No	185659.49	2963599.17	5	5	4
5C	BW5C-13	S/T_10/11	BW5C-13-S/T_10/11	No	185747.65	2963555.44	5	5	4
5C	BW5C-13	S/T_3/4	BW5C-13-S/T_3/4	No	185385.30	2963514.49	5	5	4
5C	BW5C-13	S/T_4/5	BW5C-13-S/T_4/5	No	185440.14	2963520.04	5	5	4
5C	BW5C-13	S/T_5/6	BW5C-13-S/T_5/6	No	185494.28	2963526.98	5	5	4
5C	BW5C-13	S/T_6/7	BW5C-13-S/T_6/7	No	185542.18	2963530.45	5	5	4
5C	BW5C-13	S/T_7/8	BW5C-13-S/T_7/8	No	185590.08	2963538.78	5	5	4
5C	BW5C-13	S/T_8/9	BW5C-13-S/T_8/9	No	185642.83	2963544.34	5	5	4
5C	BW5C-13	S_10/9	BW5C-13-S_10/9	No	185692.81	2963551.28	5	5	4
5C	BW5C-13	T/U_10/11	BW5C-13-T/U_10/11	No	185746.26	2963505.46	5	5	4
5C	BW5C-13	T/U_10/9	BW5C-13-T/U_10/9	No	185693.51	2963495.74	5	5	4
5C	BW5C-13	T/U_3/4	BW5C-13-T/U_3/4	No	185389.46	2963465.20	5	5	4
5C	BW5C-13	T/U_4/5	BW5C-13-T/U_4/5	No	185443.61	2963469.37	5	5	4
5C	BW5C-13	T/U_5/6	BW5C-13-T/U_5/6	No	185493.59	2963477.70	5	5	4
5C	BW5C-13	T/U_6/7	BW5C-13-T/U_6/7	No	185544.26	2963480.47	5	5	4
5C	BW5C-13	T/U_7/8	BW5C-13-T/U_7/8	No	185592.85	2963488.80	5	5	4
5C	BW5C-13	T/U_8/9	BW5C-13-T/U_8/9	No	185644.92	2963492.27	5	5	4
5C	BW5C-13	U/V_10/11	BW5C-13-U/V_10/11	No	185749.04	2963454.09	5	5	4
5C	BW5C-13	U/V_10/9	BW5C-13-U/V_10/9	No	185697.67	2963446.46	5	5	4
5C	BW5C-13	U/V_3/4	BW5C-13-U/V_3/4	No	185395.71	2963415.22	5	5	4
5C	BW5C-13	U/V_4/5	BW5C-13-U/V_4/5	No	185447.77	2963420.08	5	5	4
5C	BW5C-13	U/V_5/6	BW5C-13-U/V_5/6	No	185497.06	2963424.94	5	5	4
5C	BW5C-13	U/V_6/7	BW5C-13-U/V_6/7	No	185549.82	2963429.80	5	5	4
5C	BW5C-13	U/V_7/8	BW5C-13-U/V_7/8	No	185597.02	2963434.66	5	5	4
5C	BW5C-13	U/V_8/9	BW5C-13-U/V_8/9	No	185647.69	2963442.29	5	5	4
5C	BW5C-13	V/W_10/11	BW5C-13-V/W_10/11	No	185756.68	2963402.73	5	5	4
5C	BW5C-13	V/W_10/9	BW5C-13-V/W_10/9	No	185703.92	2963395.09	5	5	4
5C	BW5C-13	V/W_3/4	BW5C-13-V/W_3/4	No	185399.88	2963364.55	5	5	4
5C	BW5C-13	V/W_4/5	BW5C-13-V/W_4/5	No	185454.02	2963368.71	5	5	4
5C	BW5C-13	V/W_5/6	BW5C-13-V/W_5/6	No	185502.61	2963373.57	5	5	4
5C	BW5C-13	V/W_6/7	BW5C-13-V/W_6/7	No	185551.90	2963378.43	5	5	4
5C	BW5C-13	V/W_7/8	BW5C-13-V/W_7/8	No	185603.27	2963383.98	5	5	4
5C	BW5C-13	V/W_8/9	BW5C-13-V/W_8/9	No	185658.80	2963390.93	5	5	4
5C	BW5C-13	W/X_10/11	BW5C-13-W/X_10/11	No	185760.84	2963356.91	5	5	4

**Appendix C**
**Proposed PCB Sample Tracking Matrix for Backwater Sediments**

Reach	Backwater ID	Grid ID	Location ID	Inside Core Area 1 Habitat	Easting	Northing	Estimated Total Sample Depth	Estimated Number of Samples for PCB Analysis	Estimated Number of Samples to Hold
5C	BW5C-13	W/X_10/9	BW5C-13-W/X_10/9	No	185710.86	2963350.66	5	5	4
5C	BW5C-13	W/X_3/4	BW5C-13-W/X_3/4	No	185410.98	2963315.96	5	5	4
5C	BW5C-13	W/X_4/5	BW5C-13-W/X_4/5	No	185460.27	2963320.82	5	5	4
5C	BW5C-13	W/X_5/6	BW5C-13-W/X_5/6	No	185510.25	2963326.37	5	5	4
5C	BW5C-13	W/X_6/7	BW5C-13-W/X_6/7	No	185560.92	2963331.23	5	5	4
5C	BW5C-13	W/X_7/8	BW5C-13-W/X_7/8	No	185610.90	2963336.09	5	5	4
5C	BW5C-13	W/X_8/9	BW5C-13-W/X_8/9	No	185660.19	2963343.72	5	5	4
5C	BW5C-13	X/Y_10/11	BW5C-13-X/Y_10/11	No	185770.56	2963304.16	5	5	4
5C	BW5C-13	X/Y_10/9	BW5C-13-X/Y_10/9	No	185721.97	2963296.52	5	5	4
5C	BW5C-13	X/Y_3/4	BW5C-13-X/Y_3/4	No	185410.29	2963266.67	5	5	4
5C	BW5C-13	X/Y_4/5	BW5C-13-X/Y_4/5	No	185469.99	2963270.14	5	5	4
5C	BW5C-13	X/Y_5/6	BW5C-13-X/Y_5/6	No	185520.66	2963277.78	5	5	4
5C	BW5C-13	X/Y_6/7	BW5C-13-X/Y_6/7	No	185563.70	2963279.17	5	5	4
5C	BW5C-13	X/Y_7/8	BW5C-13-X/Y_7/8	No	185614.37	2963285.41	5	5	4
5C	BW5C-13	X/Y_8/9	BW5C-13-X/Y_8/9	No	185667.82	2963290.97	5	5	4
5C	BW5C-13	Y/Z_10/11	BW5C-13-Y/Z_10/11	No	185773.34	2963252.09	5	5	4
5C	BW5C-13	Y/Z_10/9	BW5C-13-Y/Z_10/9	No	185720.58	2963245.85	5	5	4
5C	BW5C-13	Y/Z_3/4	BW5C-13-Y/Z_3/4	No	185416.54	2963216.00	5	5	4
5C	BW5C-13	Y/Z_4/5	BW5C-13-Y/Z_4/5	No	185472.07	2963219.47	5	5	4
5C	BW5C-13	Y/Z_5/6	BW5C-13-Y/Z_5/6	No	185519.97	2963224.33	5	5	4
5C	BW5C-13	Y/Z_6/7	BW5C-13-Y/Z_6/7	No	185569.95	2963229.88	5	5	4
5C	BW5C-13	Y/Z_7/8	BW5C-13-Y/Z_7/8	No	185621.31	2963234.74	5	5	4
5C	BW5C-13	Y/Z_8/9	BW5C-13-Y/Z_8/9	No	185669.91	2963239.60	5	5	4
5C	BW5C-14	B/C_3/4	BW5C-14-B/C_3/4	No	186258.43	2963564.89	5	5	4
5C	BW5C-14	B_2/3	BW5C-14-B_2/3	No	186245.40	2963617.41	5	5	4
5C	BW5C-14	C/D_3/4	BW5C-14-C/D_3/4	No	186225.86	2963527.84	5	5	4
5C	BW5C-14	C/D_5	BW5C-14-C/D_5	No	186284.89	2963481.02	5	5	4
5C	BW5C-14	C/D_6	BW5C-14-C/D_6	No	186314.62	2963444.78	5	5	4
5C	BW5C-14	C_2/3	BW5C-14-C_2/3	No	186222.60	2963582.81	5	5	4
5C	BW5C-14	C_4/5	BW5C-14-C_4/5	No	186276.75	2963525.40	5	5	4
5C	BW5C-14	D/E_2/3	BW5C-14-D/E_2/3	No	186146.87	2963532.73	5	5	4
5C	BW5C-14	D/E_3/4	BW5C-14-D/E_3/4	No	186191.65	2963499.34	5	5	4
5C	BW5C-14	D/E_5/6	BW5C-14-D/E_5/6	No	186271.86	2963429.31	5	5	4
5C	BW5C-14	D/E_6/7	BW5C-14-D/E_6/7	No	186311.77	2963393.07	5	5	4
5C	BW5C-14	D_2/3	BW5C-14-D_2/3	No	186187.58	2963551.45	5	5	4
5C	BW5C-14	D_4/5	BW5C-14-D_4/5	No	186240.51	2963476.13	5	5	4
5C	BW5C-14	E/F_2/3	BW5C-14-E/F_2/3	No	186126.92	2963488.35	5	5	4
5C	BW5C-14	E/F_3/4	BW5C-14-E/F_3/4	No	186165.19	2963464.73	5	5	4
5C	BW5C-14	E/F_5/6	BW5C-14-E/F_5/6	No	186240.92	2963391.04	5	5	4
5C	BW5C-14	E/F_6/7	BW5C-14-E/F_6/7	No	186277.97	2963357.65	5	5	4
5C	BW5C-14	E_4/5	BW5C-14-E_4/5	No	186215.68	2963445.19	5	5	4
5C	BW5C-14	F/G_2/3	BW5C-14-F/G_2/3	No	186090.27	2963459.44	5	5	4
5C	BW5C-14	F/G_3/4	BW5C-14-F/G_3/4	No	186126.10	2963424.01	5	5	4
5C	BW5C-14	F/G_5/6	BW5C-14-F/G_5/6	No	186200.61	2963354.80	5	5	4
5C	BW5C-14	F/G_6/7	BW5C-14-F/G_6/7	No	186244.99	2963318.56	5	5	4
5C	BW5C-14	F_4/5	BW5C-14-F_4/5	No	186180.66	2963412.61	5	5	4
5C	BW5C-14	G/H_3	BW5C-14-G/H_3	No	186082.54	2963408.54	5	5	4
5C	BW5C-14	G/H_5	BW5C-14-G/H_5	No	186157.45	2963331.59	5	5	4
5C	BW5C-14	G/H_6/7	BW5C-14-G/H_6/7	No	186196.95	2963293.73	5	5	4
5C	BW5C-14	G_4	BW5C-14-G_4	No	186137.50	2963378.82	5	5	4
5C	BW5C-14	H/I_5/6	BW5C-14-H/I_5/6	No	186144.42	2963281.10	5	5	4
5C	BW5C-14	H_2/3	BW5C-14-H_2/3	No	186032.46	2963401.21	5	5	4
5C	BW5C-15	A/B_3/4	BW5C-15-A/B_3/4	No	186128.75	2963025.85	5	5	4
5C	BW5C-15	A/B_4/5	BW5C-15-A/B_4/5	No	186169.08	2962999.86	5	5	4
5C	BW5C-15	B/C_2/3	BW5C-15-B/C_2/3	No	186070.51	2963014.20	5	5	4
5C	BW5C-15	B/C_3/4	BW5C-15-B/C_3/4	No	186108.44	2962988.21	5	5	4
5C	BW5C-15	B/C_4/5	BW5C-15-B/C_4/5	No	186149.96	2962960.73	5	5	4
5C	BW5C-15	B/C_5/6	BW5C-15-B/C_5/6	No	186181.62	2962926.08	5	5	4
5C	BW5C-15	C/D_2/3	BW5C-15-C/D_2/3	No	186036.75	2962977.76	5	5	4
5C	BW5C-15	C/D_3/4	BW5C-15-C/D_3/4	No	186077.67	2962952.37	5	5	4
5C	BW5C-15	C/D_4/5	BW5C-15-C/D_4/5	No	186123.97	2962922.50	5	5	4
5C	BW5C-15	D/E_3	BW5C-15-D/E_3	No	186036.15	2962926.98	5	5	4
5C	BW5C-15	D/E_4	BW5C-15-D/E_4	No	186077.08	2962899.50	5	5	4
5C	BW5C-15	D_5	BW5C-15-D_5	No	186129.65	2962878.59	5	5	4
5C	BW5C-15	E_3	BW5C-15-E_3	No	186012.26	2962886.95	5	5	4
5C	BW5C-15	E_4	BW5C-15-E_4	No	186051.69	2962862.16	5	5	4

**Appendix C**
**Proposed PCB Sample Tracking Matrix for Backwater Sediments**

Reach	Backwater ID	Grid ID	Location ID	Inside Core Area 1 Habitat	Easting	Northing	Estimated Total Sample Depth	Estimated Number of Samples for PCB Analysis	Estimated Number of Samples to Hold
5C	BW5C-15	E_5	BW5C-15-E_5	No	186103.66	2962840.95	5	5	4
5C	BW5C-15	F/G_3	BW5C-15-F/G_3	No	185979.40	2962834.98	5	5	4
5C	BW5C-15	F/G_4	BW5C-15-F/G_4	No	186021.82	2962813.18	5	5	4
5C	BW5C-15	F_5	BW5C-15-F_5	No	186077.38	2962799.73	5	5	4
5C	BW5C-15	G_3/4	BW5C-15-G_3/4	No	185984.18	2962788.68	5	5	4
5C	BW5C-15	G_5	BW5C-15-G_5	No	186042.13	2962765.68	5	5	4
5C	BW5C-16	A/B_2/3	BW5C-16-A/B_2/3	No	186081.92	2962486.85	5	5	4
5C	BW5C-16	B/C_3/4	BW5C-16-B/C_3/4	No	186106.36	2962444.75	5	5	4
5C	BW5C-16	B/C_4	BW5C-16-B/C_4	No	186150.84	2962437.96	5	5	4
5C	BW5C-16	B/C_5	BW5C-16-B/C_5	No	186199.05	2962431.85	5	5	4
5C	BW5C-16	C/D_3	BW5C-16-C/D_3	No	186090.75	2962394.84	5	5	4
5C	BW5C-16	C/D_4	BW5C-16-C/D_4	No	186138.28	2962388.39	5	5	4
5C	BW5C-16	C/D_5	BW5C-16-C/D_5	No	186191.58	2962382.96	5	5	4
5C	BW5C-16	D/E_3/4	BW5C-16-D/E_3/4	No	186096.86	2962347.65	5	5	4
5C	BW5C-16	D/E_4	BW5C-16-D/E_4	No	186137.94	2962342.22	5	5	4
5C	BW5C-16	D/E_5	BW5C-16-D/E_5	No	186186.15	2962334.41	5	5	4
5C	BW5C-16	D/E_6	BW5C-16-D/E_6	No	186229.26	2962327.28	5	5	4
5C	BW5C-16	E/F_4	BW5C-16-E/F_4	No	186113.83	2962297.40	5	5	4
5C	BW5C-16	E/F_4/5	BW5C-16-E/F_4/5	No	186159.33	2962287.56	5	5	4
5C	BW5C-16	E/F_5/6	BW5C-16-E/F_5/6	No	186206.52	2962280.77	5	5	4
5C	BW5C-16	E/F_6/7	BW5C-16-E/F_6/7	No	186245.90	2962276.69	5	5	4
5C	BW5C-16	F/G_3	BW5C-16-F/G_3	No	186081.92	2962257.68	5	5	4
5C	BW5C-16	F/G_4	BW5C-16-F/G_4	No	186129.11	2962250.55	5	5	4
5C	BW5C-16	F/G_5	BW5C-16-F/G_5	No	186174.26	2962239.35	5	5	4
5C	BW5C-16	F/G_6	BW5C-16-F/G_6	No	186223.49	2962230.86	5	5	4
5C	BW5C-16	F/G_7	BW5C-16-F/G_7	No	186278.83	2962223.39	5	5	4
5C	BW5C-16	G/H_5/6	BW5C-16-G/H_5/6	No	186187.84	2962195.55	5	5	4
5C	BW5C-16	G_6/7	BW5C-16-G_6/7	No	186241.49	2962195.89	5	5	4
5C	BW5C-17	AA/AB_10/11	BW5C-17-AA/AB_10/11	No	185265.28	2960564.01	5	5	4
5C	BW5C-17	AA/AB_12	BW5C-17-AA/AB_12	No	185325.22	2960555.53	5	5	4
5C	BW5C-17	AA/AB_13	BW5C-17-AA/AB_13	No	185386.76	2960551.81	5	5	4
5C	BW5C-17	AA/AB_14/15	BW5C-17-AA/AB_14/15	No	185452.54	2960538.55	5	5	4
5C	BW5C-17	AA/AB_19	BW5C-17-AA/AB_19	No	185679.05	2960520.51	5	5	4
5C	BW5C-17	AA/AB_20	BW5C-17-AA/AB_20	No	185732.63	2960512.03	5	5	4
5C	BW5C-17	AA/Z_11/12	BW5C-17-AA/Z_11/12	No	185305.07	2960609.64	5	5	4
5C	BW5C-17	AA/Z_12/13	BW5C-17-AA/Z_12/13	No	185361.30	2960603.27	5	5	4
5C	BW5C-17	AA/Z_13/14	BW5C-17-AA/Z_13/14	No	185421.24	2960595.31	5	5	4
5C	BW5C-17	AA/Z_15	BW5C-17-AA/Z_15	No	185480.65	2960590.01	5	5	4
5C	BW5C-17	AA_15/16	BW5C-17-AA_15/16	No	185510.36	2960542.26	5	5	4
5C	BW5C-17	AA_16/17	BW5C-17-AA_16/17	No	185568.71	2960538.02	5	5	4
5C	BW5C-17	AA_18	BW5C-17-AA_18	No	185632.37	2960527.41	5	5	4
5C	BW5C-17	AB/AC_18/19	BW5C-17-AB/AC_18/19	No	185650.94	2960471.71	5	5	4
5C	BW5C-17	AB/AC_19/20	BW5C-17-AB/AC_19/20	No	185703.99	2960456.33	5	5	4
5C	BW5C-17	AB_11	BW5C-17-AB_11	No	185292.86	2960517.86	5	5	4
5C	BW5C-17	AB_12/13	BW5C-17-AB_12/13	No	185353.87	2960509.37	5	5	4
5C	BW5C-17	AB_13/14	BW5C-17-AB_13/14	No	185405.33	2960504.60	5	5	4
5C	BW5C-17	AB_15/16	BW5C-17-AB_15/16	No	185503.46	2960491.87	5	5	4
5C	BW5C-17	AB_16/17	BW5C-17-AB_16/17	No	185549.09	2960487.09	5	5	4
5C	BW5C-17	AB_17/18	BW5C-17-AB_17/18	No	185602.66	2960479.14	5	5	4
5C	BW5C-17	AC/AD_19	BW5C-17-AC/AD_19	No	185674.28	2960404.34	5	5	4
5C	BW5C-17	AC_16	BW5C-17-AC_16	No	185518.32	2960440.94	5	5	4
5C	BW5C-17	AC_17	BW5C-17-AC_17	No	185580.91	2960435.64	5	5	4
5C	BW5C-17	AC_18	BW5C-17-AC_18	No	185626.54	2960427.68	5	5	4
5C	BW5C-17	AD/AE_18	BW5C-17-AD/AE_18	No	185614.33	2960371.45	5	5	4
5C	BW5C-17	AD_15/16	BW5C-17-AD_15/16	No	185499.22	2960397.44	5	5	4
5C	BW5C-17	AD_17	BW5C-17-AD_17	No	185568.18	2960386.83	5	5	4
5C	BW5C-17	AE/AF_17/18	BW5C-17-AE/AF_17/18	No	185578.79	2960325.30	5	5	4
5C	BW5C-17	AE_16/17	BW5C-17-AE_16/17	No	185527.87	2960351.29	5	5	4
5C	BW5C-17	AE_18/19	BW5C-17-AE_18/19	No	185635.02	2960326.36	5	5	4
5C	BW5C-17	AF_18/19	BW5C-17-AF_18/19	No	185632.37	2960279.68	5	5	4
5C	BW5C-17	B_16/17	BW5C-17-B_16/17	No	185706.24	2961784.57	5	5	4
5C	BW5C-17	B_18	BW5C-17-B_18	No	185769.70	2961778.10	5	5	4
5C	BW5C-17	C/D_21	BW5C-17-C/D_21	No	185912.16	2961679.67	5	5	4
5C	BW5C-17	C_12	BW5C-17-C_12	No	185467.93	2961759.96	5	5	4
5C	BW5C-17	C_13	BW5C-17-C_13	No	185523.62	2961757.37	5	5	4
5C	BW5C-17	C_14	BW5C-17-C_14	No	185567.66	2961753.49	5	5	4

**Appendix C**
**Proposed PCB Sample Tracking Matrix for Backwater Sediments**

Reach	Backwater ID	Grid ID	Location ID	Inside Core Area 1 Habitat	Easting	Northing	Estimated Total Sample Depth	Estimated Number of Samples for PCB Analysis	Estimated Number of Samples to Hold
5C	BW5C-17	C_15	BW5C-17-C_15	No	185618.17	2961749.60	5	5	4
5C	BW5C-17	C_16	BW5C-17-C_16	No	185666.09	2961739.24	5	5	4
5C	BW5C-17	C_17	BW5C-17-C_17	No	185715.30	2961737.95	5	5	4
5C	BW5C-17	C_18	BW5C-17-C_18	No	185764.52	2961732.77	5	5	4
5C	BW5C-17	C_19	BW5C-17-C_19	No	185811.14	2961721.11	5	5	4
5C	BW5C-17	D_10	BW5C-17-D_10	No	185365.62	2961723.70	5	5	4
5C	BW5C-17	D_11	BW5C-17-D_11	No	185413.54	2961719.82	5	5	4
5C	BW5C-17	D_12	BW5C-17-D_12	No	185461.46	2961712.05	5	5	4
5C	BW5C-17	D_13	BW5C-17-D_13	No	185508.08	2961708.16	5	5	4
5C	BW5C-17	D_14	BW5C-17-D_14	No	185562.48	2961701.68	5	5	4
5C	BW5C-17	D_15	BW5C-17-D_15	No	185614.28	2961695.21	5	5	4
5C	BW5C-17	D_16	BW5C-17-D_16	No	185662.20	2961688.73	5	5	4
5C	BW5C-17	D_17	BW5C-17-D_17	No	185710.12	2961686.14	5	5	4
5C	BW5C-17	D_18	BW5C-17-D_18	No	185760.63	2961678.37	5	5	4
5C	BW5C-17	D_18/19	BW5C-17-D_18/19	No	185798.19	2961677.08	5	5	4
5C	BW5C-17	D_20	BW5C-17-D_20	No	185855.17	2961670.60	5	5	4
5C	BW5C-17	D_6/7	BW5C-17-D_6/7	No	185195.96	2961741.83	5	5	4
5C	BW5C-17	D_7/8	BW5C-17-D_7/8	No	185250.36	2961734.06	5	5	4
5C	BW5C-17	D_9	BW5C-17-D_9	No	185302.16	2961727.59	5	5	4
5C	BW5C-17	E_10	BW5C-17-E_10	No	185363.03	2961674.49	5	5	4
5C	BW5C-17	E_11	BW5C-17-E_11	No	185409.65	2961668.01	5	5	4
5C	BW5C-17	E_12	BW5C-17-E_12	No	185457.57	2961660.24	5	5	4
5C	BW5C-17	E_13	BW5C-17-E_13	No	185506.79	2961656.36	5	5	4
5C	BW5C-17	E_14	BW5C-17-E_14	No	185556.00	2961653.77	5	5	4
5C	BW5C-17	E_15	BW5C-17-E_15	No	185610.40	2961647.29	5	5	4
5C	BW5C-17	E_16	BW5C-17-E_16	No	185654.43	2961639.52	5	5	4
5C	BW5C-17	E_17	BW5C-17-E_17	No	185704.94	2961636.93	5	5	4
5C	BW5C-17	E_18	BW5C-17-E_18	No	185751.56	2961629.16	5	5	4
5C	BW5C-17	E_19	BW5C-17-E_19	No	185803.37	2961626.57	5	5	4
5C	BW5C-17	E_2	BW5C-17-E_2	No	184961.55	2961718.52	5	5	4
5C	BW5C-17	E_3	BW5C-17-E_3	No	185010.76	2961708.16	5	5	4
5C	BW5C-17	E_4	BW5C-17-E_4	No	185065.15	2961705.57	5	5	4
5C	BW5C-17	E_5	BW5C-17-E_5	No	185106.60	2961701.68	5	5	4
5C	BW5C-17	E_6	BW5C-17-E_6	No	185154.52	2961697.80	5	5	4
5C	BW5C-17	E_7	BW5C-17-E_7	No	185208.91	2961692.62	5	5	4
5C	BW5C-17	E_8	BW5C-17-E_8	No	185255.54	2961686.14	5	5	4
5C	BW5C-17	E_9	BW5C-17-E_9	No	185306.05	2961679.67	5	5	4
5C	BW5C-17	F/G_18/19	BW5C-17-F/G_18/19	No	185773.58	2961565.70	5	5	4
5C	BW5C-17	F_10/11	BW5C-17-F_10/11	No	185372.10	2961620.09	5	5	4
5C	BW5C-17	F_10/9	BW5C-17-F_10/9	No	185315.11	2961630.45	5	5	4
5C	BW5C-17	F_11/12	BW5C-17-F_11/12	No	185426.49	2961616.21	5	5	4
5C	BW5C-17	F_12/13	BW5C-17-F_12/13	No	185477.00	2961609.73	5	5	4
5C	BW5C-17	F_13/14	BW5C-17-F_13/14	No	185518.44	2961604.55	5	5	4
5C	BW5C-17	F_14/15	BW5C-17-F_14/15	No	185579.31	2961599.37	5	5	4
5C	BW5C-17	F_15/16	BW5C-17-F_15/16	No	185620.76	2961592.89	5	5	4
5C	BW5C-17	F_16/17	BW5C-17-F_16/17	No	185672.56	2961589.01	5	5	4
5C	BW5C-17	F_17/18	BW5C-17-F_17/18	No	185717.89	2961579.94	5	5	4
5C	BW5C-17	F_2	BW5C-17-F_2	No	184952.48	2961670.60	5	5	4
5C	BW5C-17	F_3	BW5C-17-F_3	No	185009.46	2961661.54	5	5	4
5C	BW5C-17	F_4/5	BW5C-17-F_4/5	No	185070.33	2961652.47	5	5	4
5C	BW5C-17	F_5/6	BW5C-17-F_5/6	No	185122.14	2961648.58	5	5	4
5C	BW5C-17	F_6/7	BW5C-17-F_6/7	No	185170.06	2961642.11	5	5	4
5C	BW5C-17	F_7/8	BW5C-17-F_7/8	No	185216.68	2961636.93	5	5	4
5C	BW5C-17	F_8/9	BW5C-17-F_8/9	No	185273.67	2961631.75	5	5	4
5C	BW5C-17	G_10/11	BW5C-17-G_10/11	No	185361.74	2961572.17	5	5	4
5C	BW5C-17	G_10/9	BW5C-17-G_10/9	No	185312.52	2961579.94	5	5	4
5C	BW5C-17	G_11/12	BW5C-17-G_11/12	No	185417.43	2961566.99	5	5	4
5C	BW5C-17	G_12/13	BW5C-17-G_12/13	No	185461.46	2961561.81	5	5	4
5C	BW5C-17	G_13/14	BW5C-17-G_13/14	No	185515.85	2961556.63	5	5	4
5C	BW5C-17	G_14/15	BW5C-17-G_14/15	No	185562.48	2961550.16	5	5	4
5C	BW5C-17	G_15/16	BW5C-17-G_15/16	No	185612.99	2961546.27	5	5	4
5C	BW5C-17	G_16/17	BW5C-17-G_16/17	No	185663.50	2961541.09	5	5	4
5C	BW5C-17	G_17/18	BW5C-17-G_17/18	No	185712.71	2961533.32	5	5	4
5C	BW5C-17	G_2	BW5C-17-G_2	No	184960.25	2961617.50	5	5	4
5C	BW5C-17	G_3	BW5C-17-G_3	No	185008.17	2961612.32	5	5	4
5C	BW5C-17	G_4/5	BW5C-17-G_4/5	No	185063.86	2961607.14	5	5	4

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Reach	Backwater ID	Grid ID	Location ID	Inside Core Area 1 Habitat	Easting	Northing	Estimated Total Sample Depth	Estimated Number of Samples for PCB Analysis	Estimated Number of Samples to Hold
5C	BW5C-17	G_5	BW5C-17-G_5	No	185109.19	2961600.67	5	5	4
5C	BW5C-17	G_6/7	BW5C-17-G_6/7	No	185164.88	2961594.19	5	5	4
5C	BW5C-17	G_7/8	BW5C-17-G_7/8	No	185212.80	2961591.60	5	5	4
5C	BW5C-17	G_8/9	BW5C-17-G_8/9	No	185262.01	2961585.12	5	5	4
5C	BW5C-17	H_10/11	BW5C-17-H_10/11	No	185357.85	2961520.37	5	5	4
5C	BW5C-17	H_10/9	BW5C-17-H_10/9	No	185307.34	2961526.84	5	5	4
5C	BW5C-17	H_11/12	BW5C-17-H_11/12	No	185412.24	2961516.48	5	5	4
5C	BW5C-17	H_12/13	BW5C-17-H_12/13	No	185471.82	2961508.71	5	5	4
5C	BW5C-17	H_13/14	BW5C-17-H_13/14	No	185519.74	2961506.12	5	5	4
5C	BW5C-17	H_14/15	BW5C-17-H_14/15	No	185568.95	2961499.65	5	5	4
5C	BW5C-17	H_15/16	BW5C-17-H_15/16	No	185622.05	2961494.47	5	5	4
5C	BW5C-17	H_17	BW5C-17-H_17	No	185682.92	2961487.99	5	5	4
5C	BW5C-17	H_2/3	BW5C-17-H_2/3	No	184968.02	2961565.70	5	5	4
5C	BW5C-17	H_3/4	BW5C-17-H_3/4	No	185014.64	2961560.52	5	5	4
5C	BW5C-17	H_4/5	BW5C-17-H_4/5	No	185067.74	2961551.45	5	5	4
5C	BW5C-17	H_5/6	BW5C-17-H_5/6	No	185118.25	2961546.27	5	5	4
5C	BW5C-17	H_6/7	BW5C-17-H_6/7	No	185168.76	2961542.39	5	5	4
5C	BW5C-17	H_7/8	BW5C-17-H_7/8	No	185221.86	2961535.91	5	5	4
5C	BW5C-17	H_8/9	BW5C-17-H_8/9	No	185265.90	2961532.02	5	5	4
5C	BW5C-17	I_10/11	BW5C-17-I_10/11	No	185360.44	2961471.15	5	5	4
5C	BW5C-17	I_10/9	BW5C-17-I_10/9	No	185308.64	2961477.63	5	5	4
5C	BW5C-17	I_11/12	BW5C-17-I_11/12	No	185401.88	2961467.27	5	5	4
5C	BW5C-17	I_12/13	BW5C-17-I_12/13	No	185456.28	2961460.79	5	5	4
5C	BW5C-17	I_13/14	BW5C-17-I_13/14	No	185510.67	2961455.61	5	5	4
5C	BW5C-17	I_14/15	BW5C-17-I_14/15	No	185548.23	2961449.14	5	5	4
5C	BW5C-17	I_15/16	BW5C-17-I_15/16	No	185601.33	2961443.96	5	5	4
5C	BW5C-17	I_16/17	BW5C-17-I_16/17	No	185647.96	2961441.37	5	5	4
5C	BW5C-17	I_3/4	BW5C-17-I_3/4	No	185000.40	2961512.60	5	5	4
5C	BW5C-17	I_4/5	BW5C-17-I_4/5	No	185053.50	2961506.12	5	5	4
5C	BW5C-17	I_5/6	BW5C-17-I_5/6	No	185102.71	2961502.24	5	5	4
5C	BW5C-17	I_6/7	BW5C-17-I_6/7	No	185154.52	2961494.47	5	5	4
5C	BW5C-17	I_7/8	BW5C-17-I_7/8	No	185205.03	2961490.58	5	5	4
5C	BW5C-17	I_8/9	BW5C-17-I_8/9	No	185256.83	2961482.81	5	5	4
5C	BW5C-17	J/K_17	BW5C-17-J/K_17	No	185688.10	2961374.02	5	5	4
5C	BW5C-17	J/K_18/19	BW5C-17-J/K_18/19	No	185750.27	2961358.48	5	5	4
5C	BW5C-17	J_10	BW5C-17-J_10	No	185333.24	2961424.53	5	5	4
5C	BW5C-17	J_11	BW5C-17-J_11	No	185377.28	2961418.05	5	5	4
5C	BW5C-17	J_12	BW5C-17-J_12	No	185425.20	2961415.46	5	5	4
5C	BW5C-17	J_13	BW5C-17-J_13	No	185479.59	2961408.99	5	5	4
5C	BW5C-17	J_14	BW5C-17-J_14	No	185528.81	2961405.10	5	5	4
5C	BW5C-17	J_15	BW5C-17-J_15	No	185576.72	2961402.51	5	5	4
5C	BW5C-17	J_4	BW5C-17-J_4	No	185026.30	2961459.50	5	5	4
5C	BW5C-17	J_5	BW5C-17-J_5	No	185075.52	2961455.61	5	5	4
5C	BW5C-17	J_6	BW5C-17-J_6	No	185124.73	2961450.43	5	5	4
5C	BW5C-17	J_7	BW5C-17-J_7	No	185172.65	2961445.25	5	5	4
5C	BW5C-17	J_8	BW5C-17-J_8	No	185224.45	2961438.78	5	5	4
5C	BW5C-17	J_9	BW5C-17-J_9	No	185276.26	2961432.30	5	5	4
5C	BW5C-17	K_10/11	BW5C-17-K_10/11	No	185351.37	2961371.43	5	5	4
5C	BW5C-17	K_10/9	BW5C-17-K_10/9	No	185300.86	2961376.61	5	5	4
5C	BW5C-17	K_11/12	BW5C-17-K_11/12	No	185404.47	2961367.55	5	5	4
5C	BW5C-17	K_12/13	BW5C-17-K_12/13	No	185458.87	2961361.07	5	5	4
5C	BW5C-17	K_13/14	BW5C-17-K_13/14	No	185511.97	2961358.48	5	5	4
5C	BW5C-17	K_15	BW5C-17-K_15	No	185568.95	2961350.71	5	5	4
5C	BW5C-17	K_16	BW5C-17-K_16	No	185623.35	2961344.23	5	5	4
5C	BW5C-17	K_17/18	BW5C-17-K_17/18	No	185686.81	2961324.81	5	5	4
5C	BW5C-17	K_3/4	BW5C-17-K_3/4	No	184988.74	2961410.28	5	5	4
5C	BW5C-17	K_4/5	BW5C-17-K_4/5	No	185054.79	2961405.10	5	5	4
5C	BW5C-17	K_5/6	BW5C-17-K_5/6	No	185106.60	2961398.63	5	5	4
5C	BW5C-17	K_6/7	BW5C-17-K_6/7	No	185153.22	2961394.74	5	5	4
5C	BW5C-17	K_7/8	BW5C-17-K_7/8	No	185198.55	2961390.86	5	5	4
5C	BW5C-17	K_8/9	BW5C-17-K_8/9	No	185251.65	2961384.38	5	5	4
5C	BW5C-17	L/M_17/18	BW5C-17-L/M_17/18	No	185679.04	2961269.12	5	5	4
5C	BW5C-17	L_10	BW5C-17-L_10	No	185317.70	2961327.40	5	5	4
5C	BW5C-17	L_11	BW5C-17-L_11	No	185366.92	2961320.92	5	5	4
5C	BW5C-17	L_12	BW5C-17-L_12	No	185420.02	2961320.92	5	5	4
5C	BW5C-17	L_13	BW5C-17-L_13	No	185464.05	2961311.86	5	5	4

**Appendix C**
**Proposed PCB Sample Tracking Matrix for Backwater Sediments**

Reach	Backwater ID	Grid ID	Location ID	Inside Core Area 1 Habitat	Easting	Northing	Estimated Total Sample Depth	Estimated Number of Samples for PCB Analysis	Estimated Number of Samples to Hold
5C	BW5C-17	L_14	BW5C-17-L_14	No	185517.15	2961309.27	5	5	4
5C	BW5C-17	L_16	BW5C-17-L_16	No	185616.87	2961295.02	5	5	4
5C	BW5C-17	L_4	BW5C-17-L_4	No	185018.53	2961361.07	5	5	4
5C	BW5C-17	L_5	BW5C-17-L_5	No	185075.52	2961355.89	5	5	4
5C	BW5C-17	L_6	BW5C-17-L_6	No	185120.84	2961349.41	5	5	4
5C	BW5C-17	L_7	BW5C-17-L_7	No	185170.06	2961344.23	5	5	4
5C	BW5C-17	L_8	BW5C-17-L_8	No	185220.57	2961336.46	5	5	4
5C	BW5C-17	L_9	BW5C-17-L_9	No	185268.49	2961333.87	5	5	4
5C	BW5C-17	M/N_17/18	BW5C-17-M/N_17/18	No	185682.92	2961210.84	5	5	4
5C	BW5C-17	M_10	BW5C-17-M_10	No	185322.88	2961279.48	5	5	4
5C	BW5C-17	M_11	BW5C-17-M_11	No	185375.98	2961274.30	5	5	4
5C	BW5C-17	M_12	BW5C-17-M_12	No	185423.90	2961267.82	5	5	4
5C	BW5C-17	M_13/14	BW5C-17-M_13/14	No	185484.77	2961262.64	5	5	4
5C	BW5C-17	M_16/17	BW5C-17-M_16/17	No	185628.53	2961236.74	5	5	4
5C	BW5C-17	M_18/19	BW5C-17-M_18/19	No	185728.25	2961231.56	5	5	4
5C	BW5C-17	M_4	BW5C-17-M_4	No	185019.83	2961313.15	5	5	4
5C	BW5C-17	M_5	BW5C-17-M_5	No	185071.63	2961309.27	5	5	4
5C	BW5C-17	M_6/7	BW5C-17-M_6/7	No	185131.21	2961298.90	5	5	4
5C	BW5C-17	M_7/8	BW5C-17-M_7/8	No	185177.83	2961295.02	5	5	4
5C	BW5C-17	M_8	BW5C-17-M_8	No	185225.75	2961288.54	5	5	4
5C	BW5C-17	M_9	BW5C-17-M_9	No	185274.96	2961285.95	5	5	4
5C	BW5C-17	N_10/11	BW5C-17-N_10/11	No	185330.65	2961222.49	5	5	4
5C	BW5C-17	N_10/9	BW5C-17-N_10/9	No	185277.55	2961231.56	5	5	4
5C	BW5C-17	N_11/12	BW5C-17-N_11/12	No	185381.16	2961218.61	5	5	4
5C	BW5C-17	N_12/13	BW5C-17-N_12/13	No	185431.67	2961216.02	5	5	4
5C	BW5C-17	N_13/14	BW5C-17-N_13/14	No	185483.48	2961212.13	5	5	4
5C	BW5C-17	N_4/5	BW5C-17-N_4/5	No	185030.19	2961256.17	5	5	4
5C	BW5C-17	N_5/6	BW5C-17-N_5/6	No	185079.40	2961250.99	5	5	4
5C	BW5C-17	N_6/7	BW5C-17-N_6/7	No	185132.50	2961247.10	5	5	4
5C	BW5C-17	N_7/8	BW5C-17-N_7/8	No	185181.71	2961241.92	5	5	4
5C	BW5C-17	N_8/9	BW5C-17-N_8/9	No	185234.81	2961232.85	5	5	4
5C	BW5C-17	O_10	BW5C-17-O_10	No	185302.16	2961178.46	5	5	4
5C	BW5C-17	O_11	BW5C-17-O_11	No	185353.96	2961175.87	5	5	4
5C	BW5C-17	O_12	BW5C-17-O_12	No	185407.06	2961170.69	5	5	4
5C	BW5C-17	O_13	BW5C-17-O_13	No	185454.98	2961162.92	5	5	4
5C	BW5C-17	O_14	BW5C-17-O_14	No	185500.31	2961157.74	5	5	4
5C	BW5C-17	O_15	BW5C-17-O_15	No	185546.94	2961149.97	5	5	4
5C	BW5C-17	O_5	BW5C-17-O_5	No	185056.09	2961205.66	5	5	4
5C	BW5C-17	O_6	BW5C-17-O_6	No	185109.19	2961203.07	5	5	4
5C	BW5C-17	O_7	BW5C-17-O_7	No	185154.52	2961195.30	5	5	4
5C	BW5C-17	O_8	BW5C-17-O_8	No	185202.44	2961190.11	5	5	4
5C	BW5C-17	O_9	BW5C-17-O_9	No	185252.95	2961183.64	5	5	4
5C	BW5C-17	P_10	BW5C-17-P_10	No	185299.57	2961127.95	5	5	4
5C	BW5C-17	P_11	BW5C-17-P_11	No	185347.49	2961122.77	5	5	4
5C	BW5C-17	P_13	BW5C-17-P_13	No	185451.10	2961112.41	5	5	4
5C	BW5C-17	P_14	BW5C-17-P_14	No	185493.84	2961104.64	5	5	4
5C	BW5C-17	P_15	BW5C-17-P_15	No	185544.35	2961099.46	5	5	4
5C	BW5C-17	P_16	BW5C-17-P_16	No	185596.15	2961099.46	5	5	4
5C	BW5C-17	P_5	BW5C-17-P_5	No	185050.91	2961155.15	5	5	4
5C	BW5C-17	P_6	BW5C-17-P_6	No	185098.83	2961148.67	5	5	4
5C	BW5C-17	P_7	BW5C-17-P_7	No	185151.93	2961143.49	5	5	4
5C	BW5C-17	P_8	BW5C-17-P_8	No	185195.96	2961138.31	5	5	4
5C	BW5C-17	P_9	BW5C-17-P_9	No	185245.18	2961134.43	5	5	4
5C	BW5C-17	Q_10	BW5C-17-Q_10	No	185291.80	2961080.03	5	5	4
5C	BW5C-17	Q_11	BW5C-17-Q_11	No	185339.72	2961070.96	5	5	4
5C	BW5C-17	Q_12	BW5C-17-Q_12	No	185388.93	2961067.08	5	5	4
5C	BW5C-17	Q_14	BW5C-17-Q_14	No	185489.95	2961058.01	5	5	4
5C	BW5C-17	Q_15	BW5C-17-Q_15	No	185537.87	2961052.83	5	5	4
5C	BW5C-17	Q_16	BW5C-17-Q_16	No	185587.09	2961046.36	5	5	4
5C	BW5C-17	Q_17	BW5C-17-Q_17	No	185640.18	2961042.47	5	5	4
5C	BW5C-17	Q_6	BW5C-17-Q_6	No	185094.94	2961102.05	5	5	4
5C	BW5C-17	Q_7	BW5C-17-Q_7	No	185140.27	2961098.16	5	5	4
5C	BW5C-17	Q_8	BW5C-17-Q_8	No	185193.37	2961091.69	5	5	4
5C	BW5C-17	Q_9	BW5C-17-Q_9	No	185245.18	2961087.80	5	5	4
5C	BW5C-17	R_10	BW5C-17-R_10	No	185285.32	2961029.52	5	5	4
5C	BW5C-17	R_11	BW5C-17-R_11	No	185330.65	2961023.05	5	5	4

**Appendix C**
**Proposed PCB Sample Tracking Matrix for Backwater Sediments**

Reach	Backwater ID	Grid ID	Location ID	Inside Core Area 1 Habitat	Easting	Northing	Estimated Total Sample Depth	Estimated Number of Samples for PCB Analysis	Estimated Number of Samples to Hold
5C	BW5C-17	R_11/12	BW5C-17-R_11/12	No	185372.10	2961017.86	5	5	4
5C	BW5C-17	R_13	BW5C-17-R_13	No	185425.20	2961012.68	5	5	4
5C	BW5C-17	R_14	BW5C-17-R_14	No	185475.71	2961004.91	5	5	4
5C	BW5C-17	R_15	BW5C-17-R_15	No	185524.92	2961002.32	5	5	4
5C	BW5C-17	R_15/16	BW5C-17-R_15/16	No	185572.84	2960997.14	5	5	4
5C	BW5C-17	R_16/17	BW5C-17-R_16/17	No	185622.05	2960993.26	5	5	4
5C	BW5C-17	R_18	BW5C-17-R_18	No	185673.86	2960986.78	5	5	4
5C	BW5C-17	R_7	BW5C-17-R_7	No	185135.09	2961045.06	5	5	4
5C	BW5C-17	R_8	BW5C-17-R_8	No	185188.19	2961039.88	5	5	4
5C	BW5C-17	R_9	BW5C-17-R_9	No	185233.52	2961033.41	5	5	4
5C	BW5C-17	S_10	BW5C-17-S_10	No	185281.44	2960980.31	5	5	4
5C	BW5C-17	S_11	BW5C-17-S_11	No	185324.18	2960973.83	5	5	4
5C	BW5C-17	S_12	BW5C-17-S_12	No	185382.46	2960968.65	5	5	4
5C	BW5C-17	S_13	BW5C-17-S_13	No	185431.67	2960964.77	5	5	4
5C	BW5C-17	S_14	BW5C-17-S_14	No	185483.48	2960955.70	5	5	4
5C	BW5C-17	S_16	BW5C-17-S_16	No	185581.90	2960946.63	5	5	4
5C	BW5C-17	S_17	BW5C-17-S_17	No	185632.41	2960941.45	5	5	4
5C	BW5C-17	S_18	BW5C-17-S_18	No	185680.33	2960934.98	5	5	4
5C	BW5C-17	S_19	BW5C-17-S_19	No	185725.66	2960932.39	5	5	4
5C	BW5C-17	S_7	BW5C-17-S_7	No	185131.21	2960999.73	5	5	4
5C	BW5C-17	S_8	BW5C-17-S_8	No	185184.30	2960989.37	5	5	4
5C	BW5C-17	S_9	BW5C-17-S_9	No	185232.22	2960986.78	5	5	4
5C	BW5C-17	T_10	BW5C-17-T_10	No	185274.96	2960929.80	5	5	4
5C	BW5C-17	T_11	BW5C-17-T_11	No	185329.36	2960924.62	5	5	4
5C	BW5C-17	T_12	BW5C-17-T_12	No	185377.28	2960916.85	5	5	4
5C	BW5C-17	T_13	BW5C-17-T_13	No	185427.79	2960911.67	5	5	4
5C	BW5C-17	T_14	BW5C-17-T_14	No	185471.82	2960906.49	5	5	4
5C	BW5C-17	T_15	BW5C-17-T_15	No	185523.62	2960901.30	5	5	4
5C	BW5C-17	T_16	BW5C-17-T_16	No	185574.13	2960897.42	5	5	4
5C	BW5C-17	T_17	BW5C-17-T_17	No	185627.23	2960892.24	5	5	4
5C	BW5C-17	T_18	BW5C-17-T_18	No	185673.86	2960884.47	5	5	4
5C	BW5C-17	T_19	BW5C-17-T_19	No	185720.48	2960881.88	5	5	4
5C	BW5C-17	T_20	BW5C-17-T_20	No	185774.88	2960876.70	5	5	4
5C	BW5C-17	T_7	BW5C-17-T_7	No	185135.09	2960942.75	5	5	4
5C	BW5C-17	T_8	BW5C-17-T_8	No	185179.12	2960940.16	5	5	4
5C	BW5C-17	T_9	BW5C-17-T_9	No	185223.16	2960932.39	5	5	4
5C	BW5C-17	U_10/11	BW5C-17-U_10/11	No	185294.39	2960875.40	5	5	4
5C	BW5C-17	U_10/9	BW5C-17-U_10/9	No	185243.88	2960875.40	5	5	4
5C	BW5C-17	U_11/12	BW5C-17-U_11/12	No	185346.19	2960870.22	5	5	4
5C	BW5C-17	U_12/13	BW5C-17-U_12/13	No	185398.00	2960867.63	5	5	4
5C	BW5C-17	U_13/14	BW5C-17-U_13/14	No	185448.51	2960859.86	5	5	4
5C	BW5C-17	U_15	BW5C-17-U_15	No	185514.56	2960855.98	5	5	4
5C	BW5C-17	U_16	BW5C-17-U_16	No	185579.31	2960845.61	5	5	4
5C	BW5C-17	U_17/18	BW5C-17-U_17/18	No	185641.48	2960836.55	5	5	4
5C	BW5C-17	U_19	BW5C-17-U_19	No	185710.12	2960831.37	5	5	4
5C	BW5C-17	U_20	BW5C-17-U_20	No	185768.40	2960817.12	5	5	4
5C	BW5C-17	U_7/8	BW5C-17-U_7/8	No	185146.75	2960888.35	5	5	4
5C	BW5C-17	U_8/9	BW5C-17-U_8/9	No	185197.26	2960884.47	5	5	4
5C	BW5C-17	V_10	BW5C-17-V_10	No	185267.19	2960824.89	5	5	4
5C	BW5C-17	V_11	BW5C-17-V_11	No	185320.29	2960818.42	5	5	4
5C	BW5C-17	V_12	BW5C-17-V_12	No	185366.92	2960815.83	5	5	4
5C	BW5C-17	V_13	BW5C-17-V_13	No	185422.61	2960813.24	5	5	4
5C	BW5C-17	V_14	BW5C-17-V_14	No	185474.41	2960806.76	5	5	4
5C	BW5C-17	V_15/16	BW5C-17-V_15/16	No	185535.28	2960798.99	5	5	4
5C	BW5C-17	V_16/17	BW5C-17-V_16/17	No	185600.04	2960791.22	5	5	4
5C	BW5C-17	V_18	BW5C-17-V_18	No	185660.91	2960779.56	5	5	4
5C	BW5C-17	V_19	BW5C-17-V_19	No	185720.48	2960771.79	5	5	4
5C	BW5C-17	V_20	BW5C-17-V_20	No	185769.70	2960765.32	5	5	4
5C	BW5C-17	V_8	BW5C-17-V_8	No	185163.58	2960839.14	5	5	4
5C	BW5C-17	V_9	BW5C-17-V_9	No	185212.80	2960831.37	5	5	4
5C	BW5C-17	W_10/11	BW5C-17-W_10/11	No	185280.14	2960766.61	5	5	4
5C	BW5C-17	W_10/9	BW5C-17-W_10/9	No	185233.52	2960773.09	5	5	4
5C	BW5C-17	W_11/12	BW5C-17-W_11/12	No	185325.47	2960765.32	5	5	4
5C	BW5C-17	W_12/13	BW5C-17-W_12/13	No	185378.57	2960757.55	5	5	4
5C	BW5C-17	W_13/14	BW5C-17-W_13/14	No	185429.08	2960757.55	5	5	4
5C	BW5C-17	W_14/15	BW5C-17-W_14/15	No	185484.77	2960751.07	5	5	4

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Reach	Backwater ID	Grid ID	Location ID	Inside Core Area 1 Habitat	Easting	Northing	Estimated Total Sample Depth	Estimated Number of Samples for PCB Analysis	Estimated Number of Samples to Hold
5C	BW5C-17	W_15/16	BW5C-17-W_15/16	No	185535.28	2960744.60	5	5	4
5C	BW5C-17	W_16/17	BW5C-17-W_16/17	No	185583.20	2960739.42	5	5	4
5C	BW5C-17	W_17/18	BW5C-17-W_17/18	No	185628.53	2960739.42	5	5	4
5C	BW5C-17	W_18/19	BW5C-17-W_18/19	No	185688.10	2960731.65	5	5	4
5C	BW5C-17	W_8/9	BW5C-17-W_8/9	No	185183.01	2960779.56	5	5	4
5C	BW5C-17	X/Y_10	BW5C-17-X/Y_10	No	185252.55	2960716.26	5	5	4
5C	BW5C-17	X/Y_12	BW5C-17-X/Y_12	No	185352.81	2960706.18	5	5	4
5C	BW5C-17	X_11	BW5C-17-X_11	No	185302.41	2960712.55	5	5	4
5C	BW5C-17	X_13	BW5C-17-X_13	No	185402.67	2960701.94	5	5	4
5C	BW5C-17	X_14	BW5C-17-X_14	No	185453.60	2960697.69	5	5	4
5C	BW5C-17	X_15	BW5C-17-X_15	No	185500.28	2960696.10	5	5	4
5C	BW5C-17	X_16	BW5C-17-X_16	No	185550.68	2960687.08	5	5	4
5C	BW5C-17	X_17	BW5C-17-X_17	No	185601.07	2960684.43	5	5	4
5C	BW5C-17	X_18	BW5C-17-X_18	No	185657.83	2960678.07	5	5	4
5C	BW5C-17	X_9	BW5C-17-X_9	No	185202.68	2960725.81	5	5	4
5C	BW5C-17	Y/Z_12/13	BW5C-17-Y/Z_12/13	No	185368.72	2960653.66	5	5	4
5C	BW5C-17	Y/Z_13/14	BW5C-17-Y/Z_13/14	No	185422.83	2960647.83	5	5	4
5C	BW5C-17	Y/Z_14/15	BW5C-17-Y/Z_14/15	No	185471.11	2960642.52	5	5	4
5C	BW5C-17	Y/Z_16/17	BW5C-17-Y/Z_16/17	No	185572.96	2960632.45	5	5	4
5C	BW5C-17	Y/Z_17/18	BW5C-17-Y/Z_17/18	No	185621.23	2960625.02	5	5	4
5C	BW5C-17	Y/Z_18/19	BW5C-17-Y/Z_18/19	No	185674.28	2960619.71	5	5	4
5C	BW5C-17	Y_10/11	BW5C-17-Y_10/11	No	185275.36	2960669.05	5	5	4
5C	BW5C-17	Y_10/9	BW5C-17-Y_10/9	No	185218.07	2960675.94	5	5	4
5C	BW5C-17	Y_11/12	BW5C-17-Y_11/12	No	185321.51	2960663.21	5	5	4
5C	BW5C-17	Y_15/16	BW5C-17-Y_15/16	No	185520.97	2960639.34	5	5	4
5C	BW5C-17	Y_20	BW5C-17-Y_20	No	185736.34	2960618.65	5	5	4
5C	BW5C-17	Z_10	BW5C-17-Z_10	No	185246.18	2960618.12	5	5	4
5C	BW5C-17	Z_16	BW5C-17-Z_16	No	185542.19	2960590.54	5	5	4
5C	BW5C-17	Z_17	BW5C-17-Z_17	No	185592.05	2960583.64	5	5	4
5C	BW5C-17	Z_18	BW5C-17-Z_18	No	185643.51	2960576.21	5	5	4
5C	BW5C-17	Z_19	BW5C-17-Z_19	No	185695.50	2960570.91	5	5	4
5C	BW5C-17	Z_20	BW5C-17-Z_20	No	185748.55	2960565.07	5	5	4
5C	BW5C-18	A/B_4/5	BW5C-18-A/B_4/5	No	186151.75	2960533.49	5	5	4
5C	BW5C-18	B/C_3	BW5C-18-B/C_3	No	186057.21	2960565.87	5	5	4
5C	BW5C-18	B/C_3/4	BW5C-18-B/C_3/4	No	186081.82	2960533.49	5	5	4
5C	BW5C-18	B/C_4/5	BW5C-18-B/C_4/5	No	186116.79	2960503.71	5	5	4
5C	BW5C-18	B/C_5/6	BW5C-18-B/C_5/6	No	186153.05	2960473.92	5	5	4
5C	BW5C-18	B/C_6/7	BW5C-18-B/C_6/7	No	186188.02	2960441.54	5	5	4
5C	BW5C-18	B/C_7/8	BW5C-18-B/C_7/8	No	186222.99	2960405.28	5	5	4
5C	BW5C-18	C/D_2/3	BW5C-18-C/D_2/3	No	186018.36	2960529.61	5	5	4
5C	BW5C-18	C/D_4	BW5C-18-C/D_4	No	186063.69	2960486.87	5	5	4
5C	BW5C-18	C/D_5	BW5C-18-C/D_5	No	186098.65	2960450.61	5	5	4
5C	BW5C-18	C/D_6	BW5C-18-C/D_6	No	186136.21	2960418.23	5	5	4
5C	BW5C-18	C/D_7	BW5C-18-C/D_7	No	186175.07	2960384.55	5	5	4
5C	BW5C-18	C/D_8	BW5C-18-C/D_8	No	186208.74	2960348.29	5	5	4
5C	BW5C-18	D/E_3	BW5C-18-D/E_3	No	185992.46	2960490.75	5	5	4
5C	BW5C-18	D/E_4	BW5C-18-D/E_4	No	186030.01	2960445.43	5	5	4
5C	BW5C-18	D/E_5	BW5C-18-D/E_5	No	186071.46	2960413.05	5	5	4
5C	BW5C-18	D/E_6	BW5C-18-D/E_6	No	186106.43	2960378.08	5	5	4
5C	BW5C-18	D/E_7	BW5C-18-D/E_7	No	186142.69	2960341.82	5	5	4
5C	BW5C-18	D/E_8	BW5C-18-D/E_8	No	186176.36	2960314.62	5	5	4
5C	BW5C-18	D/E_9	BW5C-18-D/E_9	No	186221.69	2960286.13	5	5	4
5C	BW5C-18	E/F_10/9	BW5C-18-E/F_10/9	No	186194.49	2960225.26	5	5	4
5C	BW5C-18	E/F_3/4	BW5C-18-E/F_3/4	No	185979.50	2960432.47	5	5	4
5C	BW5C-18	E/F_4/5	BW5C-18-E/F_4/5	No	186015.77	2960394.92	5	5	4
5C	BW5C-18	E/F_5/6	BW5C-18-E/F_5/6	No	186054.62	2960362.54	5	5	4
5C	BW5C-18	E/F_6/7	BW5C-18-E/F_6/7	No	186084.41	2960326.27	5	5	4
5C	BW5C-18	E/F_7/8	BW5C-18-E/F_7/8	No	186120.67	2960295.19	5	5	4
5C	BW5C-18	E/F_8/9	BW5C-18-E/F_8/9	No	186162.12	2960253.75	5	5	4
5C	BW5C-18	E_2/3	BW5C-18-E_2/3	No	185956.19	2960467.44	5	5	4
5C	BW5C-18	F/G_10	BW5C-18-F/G_10	No	186197.08	2960174.75	5	5	4
5C	BW5C-18	F/G_5	BW5C-18-F/G_5	No	186006.70	2960336.64	5	5	4
5C	BW5C-18	F/G_6	BW5C-18-F/G_6	No	186041.67	2960300.37	5	5	4
5C	BW5C-18	F/G_7	BW5C-18-F/G_7	No	186076.64	2960271.88	5	5	4
5C	BW5C-18	F/G_8	BW5C-18-F/G_8	No	186110.31	2960238.21	5	5	4
5C	BW5C-18	F/G_9	BW5C-18-F/G_9	No	186154.34	2960205.83	5	5	4

**Appendix C**
**Proposed PCB Sample Tracking Matrix for Backwater Sediments**

Reach	Backwater ID	Grid ID	Location ID	Inside Core Area 1 Habitat	Easting	Northing	Estimated Total Sample Depth	Estimated Number of Samples for PCB Analysis	Estimated Number of Samples to Hold
5C	BW5C-18	G/H_10/11	BW5C-18-G/H_10/11	No	186176.36	2960116.47	5	5	4
5C	BW5C-18	G/H_10/9	BW5C-18-G/H_10/9	No	186129.74	2960157.91	5	5	4
5C	BW5C-18	G/H_3/4	BW5C-18-G/H_3/4	No	185909.57	2960359.95	5	5	4
5C	BW5C-18	G/H_4/5	BW5C-18-G/H_4/5	No	185953.60	2960321.09	5	5	4
5C	BW5C-18	G/H_5/6	BW5C-18-G/H_5/6	No	185987.27	2960293.90	5	5	4
5C	BW5C-18	G/H_6/7	BW5C-18-G/H_6/7	No	186024.83	2960253.75	5	5	4
5C	BW5C-18	G/H_7/8	BW5C-18-G/H_7/8	No	186066.28	2960221.37	5	5	4
5C	BW5C-18	G/H_8/9	BW5C-18-G/H_8/9	No	186099.95	2960186.40	5	5	4
5C	BW5C-18	H/I_10/11	BW5C-18-H/I_10/11	No	186129.74	2960086.68	5	5	4
5C	BW5C-18	H/I_10/9	BW5C-18-H/I_10/9	No	186090.88	2960119.06	5	5	4
5C	BW5C-18	H/I_11/12	BW5C-18-H/I_11/12	No	186169.89	2960056.89	5	5	4
5C	BW5C-18	H/I_3/4	BW5C-18-H/I_3/4	No	185875.90	2960326.27	5	5	4
5C	BW5C-18	H/I_4/5	BW5C-18-H/I_4/5	No	185906.98	2960287.42	5	5	4
5C	BW5C-18	H/I_5/6	BW5C-18-H/I_5/6	No	185951.01	2960252.45	5	5	4
5C	BW5C-18	H/I_6/7	BW5C-18-H/I_6/7	No	185987.27	2960217.49	5	5	4
5C	BW5C-18	H/I_7/8	BW5C-18-H/I_7/8	No	186026.13	2960179.93	5	5	4
5C	BW5C-18	H/I_8/9	BW5C-18-H/I_8/9	No	186054.62	2960148.84	5	5	4
5C	BW5C-18	I/J_10	BW5C-18-I/J_10	No	186088.29	2960053.01	5	5	4
5C	BW5C-18	I/J_11	BW5C-18-I/J_11	No	186125.85	2960020.63	5	5	4
5C	BW5C-18	I/J_4	BW5C-18-I/J_4	No	185865.53	2960264.11	5	5	4
5C	BW5C-18	I/J_5	BW5C-18-I/J_5	No	185906.98	2960225.26	5	5	4
5C	BW5C-18	I/J_6/7	BW5C-18-I/J_6/7	No	185945.83	2960190.29	5	5	4
5C	BW5C-18	I/J_7	BW5C-18-I/J_7	No	185976.91	2960157.91	5	5	4
5C	BW5C-18	I/J_8/9	BW5C-18-I/J_8/9	No	186020.95	2960124.24	5	5	4
5C	BW5C-18	I/J_9	BW5C-18-I/J_9	No	186050.74	2960086.68	5	5	4
5C	BW5C-18	I_12	BW5C-18-I_12	No	186171.18	2960007.68	5	5	4
5C	BW5C-18	J/K_10/11	BW5C-18-J/K_10/11	No	186064.98	2960006.38	5	5	4
5C	BW5C-18	J/K_10/9	BW5C-18-J/K_10/9	No	186028.72	2960040.05	5	5	4
5C	BW5C-18	J/K_11/12	BW5C-18-J/K_11/12	No	186101.24	2959975.30	5	5	4
5C	BW5C-18	J/K_4	BW5C-18-J/K_4	No	185835.75	2960222.67	5	5	4
5C	BW5C-18	J/K_5	BW5C-18-J/K_5	No	185873.31	2960186.40	5	5	4
5C	BW5C-18	J/K_6	BW5C-18-J/K_6	No	185912.16	2960155.32	5	5	4
5C	BW5C-18	J/K_7/8	BW5C-18-J/K_7/8	No	185952.31	2960119.06	5	5	4
5C	BW5C-18	J/K_8/9	BW5C-18-J/K_8/9	No	185987.27	2960080.20	5	5	4
5C	BW5C-18	K/L_10/11	BW5C-18-K/L_10/11	No	186033.90	2959970.12	5	5	4
5C	BW5C-18	K/L_10/9	BW5C-18-K/L_10/9	No	185996.34	2960003.79	5	5	4
5C	BW5C-18	K/L_11/12	BW5C-18-K/L_11/12	No	186068.87	2959933.86	5	5	4
5C	BW5C-18	K/L_7/8	BW5C-18-K/L_7/8	No	185934.18	2960075.02	5	5	4
5C	BW5C-18	K/L_8/9	BW5C-18-K/L_8/9	No	185960.08	2960037.46	5	5	4
5C	BW5C-1	C_7/8	BW5C-1-C_7/8	No	185505.03	2968972.34	5	5	4
5C	BW5C-1	D_7/8	BW5C-1-D_7/8	No	185496.24	2968923.13	5	5	4
5C	BW5C-1	E_7/8	BW5C-1-E_7/8	No	185487.46	2968874.80	5	5	4
5C	BW5C-1	F/G_2/3	BW5C-1-F/G_2/3	No	185222.09	2968837.90	5	5	4
5C	BW5C-1	F_5	BW5C-1-F_5	No	185365.32	2968844.05	5	5	4
5C	BW5C-1	F_6/7	BW5C-1-F_6/7	No	185420.68	2968824.72	5	5	4
5C	BW5C-1	F_7/8	BW5C-1-F_7/8	No	185478.67	2968822.08	5	5	4
5C	BW5C-1	G/H_2/3	BW5C-1-G/H_2/3	No	185222.97	2968791.33	5	5	4
5C	BW5C-1	G/H_3/4	BW5C-1-G/H_3/4	No	185273.06	2968775.51	5	5	4
5C	BW5C-1	G_6/7	BW5C-1-G_6/7	No	185406.62	2968774.63	5	5	4
5C	BW5C-1	G_7/8	BW5C-1-G_7/8	No	185469.88	2968766.72	5	5	4
5C	BW5C-1	H/I_3	BW5C-1-H/I_3	No	185238.79	2968732.45	5	5	4
5C	BW5C-1	H/I_4	BW5C-1-H/I_4	No	185294.14	2968721.91	5	5	4
5C	BW5C-1	H/I_5/6	BW5C-1-H/I_5/6	No	185347.74	2968712.24	5	5	4
5C	BW5C-1	H/I_6	BW5C-1-H/I_6	No	185394.31	2968703.46	5	5	4
5C	BW5C-1	H_7	BW5C-1-H_7	No	185437.37	2968729.82	5	5	4
5C	BW5C-1	I/J_3/4	BW5C-1-I/J_3/4	No	185254.60	2968675.34	5	5	4
5C	BW5C-1	I/J_4/5	BW5C-1-I/J_4/5	No	185296.78	2968667.43	5	5	4
5C	BW5C-1	I/J_5/6	BW5C-1-I/J_5/6	No	185345.11	2968660.40	5	5	4
5C	BW5C-1	I/J_6	BW5C-1-I/J_6	No	185386.41	2968652.49	5	5	4
5C	BW5C-1	J/K_4	BW5C-1-J/K_4	No	185274.81	2968614.71	5	5	4
5C	BW5C-1	J/K_5/6	BW5C-1-J/K_5/6	No	185334.56	2968613.83	5	5	4
5C	BW5C-1	K/L_5	BW5C-1-K/L_5	No	185306.45	2968571.65	5	5	4
5C	BW5C-1	L/M_3	BW5C-1-L/M_3	No	185205.40	2968526.84	5	5	4
5C	BW5C-1	L/M_4/5	BW5C-1-L/M_4/5	No	185283.60	2968516.30	5	5	4
5C	BW5C-1	L_3/4	BW5C-1-L_3/4	No	185244.94	2968561.11	5	5	4
5C	BW5C-1	M/N_4	BW5C-1-M/N_4	No	185239.67	2968480.27	5	5	4

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**Proposed PCB Sample Tracking Matrix for Backwater Sediments**

Reach	Backwater ID	Grid ID	Location ID	Inside Core Area 1 Habitat	Easting	Northing	Estimated Total Sample Depth	Estimated Number of Samples for PCB Analysis	Estimated Number of Samples to Hold
5C	BW5C-1	M_2	BW5C-1-M_2	No	185151.80	2968504.87	5	5	4
5C	BW5C-1	N_3	BW5C-1-N_3	No	185190.46	2968460.06	5	5	4
5C	BW5C-20	B_8/9	BW5C-20-B_8/9	Yes	185245.18	2960043.94	1	1	0
5C	BW5C-20	C_10/9	BW5C-20-C_10/9	Yes	185311.23	2960053.01	1	1	0
5C	BW5C-20	C_7	BW5C-20-C_7	Yes	185232.22	2959949.40	1	1	0
5C	BW5C-20	C_8/9	BW5C-20-C_8/9	Yes	185271.08	2960003.79	1	1	0
5C	BW5C-20	D_10	BW5C-20-D_10	No	185364.33	2960046.53	5	5	4
5C	BW5C-20	D_11	BW5C-20-D_11	Yes	185388.93	2960081.50	1	1	0
5C	BW5C-20	D_12	BW5C-20-D_12	Yes	185420.02	2960124.24	1	1	0
5C	BW5C-20	D_13	BW5C-20-D_13	Yes	185454.98	2960168.27	1	1	0
5C	BW5C-20	D_5	BW5C-20-D_5	Yes	185215.39	2959845.79	1	1	0
5C	BW5C-20	D_6	BW5C-20-D_6	Yes	185241.29	2959884.64	1	1	0
5C	BW5C-20	D_7	BW5C-20-D_7	Yes	185268.49	2959922.20	1	1	0
5C	BW5C-20	D_8	BW5C-20-D_8	Yes	185304.75	2959964.94	1	1	0
5C	BW5C-20	D_9	BW5C-20-D_9	No	185331.95	2959999.91	5	5	4
5C	BW5C-20	E_10	BW5C-20-E_10	No	185403.18	2960014.15	5	5	4
5C	BW5C-20	E_11	BW5C-20-E_11	No	185429.08	2960055.60	5	5	4
5C	BW5C-20	E_12	BW5C-20-E_12	No	185460.16	2960093.15	5	5	4
5C	BW5C-20	E_13	BW5C-20-E_13	No	185491.25	2960137.19	5	5	4
5C	BW5C-20	E_5	BW5C-20-E_5	Yes	185249.06	2959805.64	1	1	0
5C	BW5C-20	E_6	BW5C-20-E_6	Yes	185280.14	2959856.15	1	1	0
5C	BW5C-20	E_7	BW5C-20-E_7	No	185315.11	2959893.71	5	5	4
5C	BW5C-20	E_8	BW5C-20-E_8	No	185343.60	2959941.63	5	5	4
5C	BW5C-20	E_9	BW5C-20-E_9	No	185370.80	2959974.00	5	5	4
5C	BW5C-20	F_10	BW5C-20-F_10	No	185435.56	2959980.48	5	5	4
5C	BW5C-20	F_11	BW5C-20-F_11	No	185465.34	2960015.45	5	5	4
5C	BW5C-20	F_12	BW5C-20-F_12	No	185497.72	2960059.48	5	5	4
5C	BW5C-20	F_13	BW5C-20-F_13	No	185530.10	2960107.40	5	5	4
5C	BW5C-20	F_3/4	BW5C-20-F_3/4	Yes	185252.95	2959733.11	1	1	0
5C	BW5C-20	F_5	BW5C-20-F_5	Yes	185287.91	2959779.74	1	1	0
5C	BW5C-20	F_6	BW5C-20-F_6	No	185316.41	2959817.30	5	5	4
5C	BW5C-20	F_7	BW5C-20-F_7	No	185350.08	2959860.03	5	5	4
5C	BW5C-20	F_8	BW5C-20-F_8	No	185378.57	2959901.48	5	5	4
5C	BW5C-20	F_9	BW5C-20-F_9	No	185403.18	2959939.04	5	5	4
5C	BW5C-20	G_10/11	BW5C-20-G_10/11	No	185497.72	2959980.48	5	5	4
5C	BW5C-20	G_10/9	BW5C-20-G_10/9	No	185469.23	2959939.04	5	5	4
5C	BW5C-20	G_11/12	BW5C-20-G_11/12	No	185532.69	2960020.63	5	5	4
5C	BW5C-20	G_12/13	BW5C-20-G_12/13	No	185559.89	2960060.78	5	5	4
5C	BW5C-20	G_3	BW5C-20-G_3	Yes	185273.67	2959674.83	1	1	0
5C	BW5C-20	G_4/5	BW5C-20-G_4/5	Yes	185311.23	2959727.93	1	1	0
5C	BW5C-20	G_5/6	BW5C-20-G_5/6	No	185346.19	2959775.85	5	5	4
5C	BW5C-20	G_6/7	BW5C-20-G_6/7	No	185377.28	2959813.41	5	5	4
5C	BW5C-20	G_7/8	BW5C-20-G_7/8	No	185410.95	2959858.74	5	5	4
5C	BW5C-20	G_8/9	BW5C-20-G_8/9	No	185440.74	2959897.59	5	5	4
5C	BW5C-20	H/I_3/4	BW5C-20-H/I_3/4	Yes	185343.60	2959637.27	1	1	0
5C	BW5C-20	H/I_4/5	BW5C-20-H/I_4/5	No	185375.98	2959685.19	5	5	4
5C	BW5C-20	H_10	BW5C-20-H_10	No	185524.92	2959924.79	5	5	4
5C	BW5C-20	H_11	BW5C-20-H_11	No	185549.53	2959970.12	5	5	4
5C	BW5C-20	H_12	BW5C-20-H_12	No	185580.61	2960010.27	5	5	4
5C	BW5C-20	H_2/3	BW5C-20-H_2/3	Yes	185287.91	2959617.85	1	1	0
5C	BW5C-20	H_3/4	BW5C-20-H_3/4	Yes	185326.77	2959677.42	1	1	0
5C	BW5C-20	H_5	BW5C-20-H_5	No	185372.10	2959738.29	5	5	4
5C	BW5C-20	H_6	BW5C-20-H_6	No	185405.77	2959774.56	5	5	4
5C	BW5C-20	H_7	BW5C-20-H_7	No	185431.67	2959809.52	5	5	4
5C	BW5C-20	H_8	BW5C-20-H_8	No	185462.75	2959847.08	5	5	4
5C	BW5C-20	H_9	BW5C-20-H_9	No	185492.54	2959885.94	5	5	4
5C	BW5C-20	I/J_2	BW5C-20-I/J_2	Yes	185339.72	2959549.21	1	1	0
5C	BW5C-20	I/J_4/5	BW5C-20-I/J_4/5	No	185412.24	2959651.52	5	5	4
5C	BW5C-20	I_10	BW5C-20-I_10	No	185566.36	2959904.07	5	5	4
5C	BW5C-20	I_11	BW5C-20-I_11	No	185590.97	2959939.04	5	5	4
5C	BW5C-20	I_12	BW5C-20-I_12	No	185623.35	2959983.07	5	5	4
5C	BW5C-20	I_2/3	BW5C-20-I_2/3	Yes	185335.83	2959594.54	1	1	0
5C	BW5C-20	I_5/6	BW5C-20-I_5/6	No	185420.02	2959708.51	5	5	4
5C	BW5C-20	I_6/7	BW5C-20-I_6/7	No	185449.80	2959746.06	5	5	4
5C	BW5C-20	I_7/8	BW5C-20-I_7/8	No	185482.18	2959786.21	5	5	4
5C	BW5C-20	I_8	BW5C-20-I_8	No	185508.08	2959825.07	5	5	4

**Appendix C**
**Proposed PCB Sample Tracking Matrix for Backwater Sediments**

Reach	Backwater ID	Grid ID	Location ID	Inside Core Area 1 Habitat	Easting	Northing	Estimated Total Sample Depth	Estimated Number of Samples for PCB Analysis	Estimated Number of Samples to Hold
5C	BW5C-20	I_9	BW5C-20-I_9	No	185535.28	2959862.62	5	5	4
5C	BW5C-20	J/K_2/3	BW5C-20-J/K_2/3	No	185396.70	2959546.62	5	5	4
5C	BW5C-20	J/K_5	BW5C-20-J/K_5	No	185470.52	2959655.41	5	5	4
5C	BW5C-20	J/K_6	BW5C-20-J/K_6	No	185497.72	2959700.74	5	5	4
5C	BW5C-20	J_10	BW5C-20-J_10	No	185597.45	2959866.51	5	5	4
5C	BW5C-20	J_11	BW5C-20-J_11	No	185628.53	2959905.36	5	5	4
5C	BW5C-20	J_12/13	BW5C-20-J_12/13	No	185667.38	2959958.46	5	5	4
5C	BW5C-20	J_3	BW5C-20-J_3	Yes	185395.41	2959597.13	1	1	0
5C	BW5C-20	J_7	BW5C-20-J_7	No	185513.26	2959744.77	5	5	4
5C	BW5C-20	J_8	BW5C-20-J_8	No	185546.94	2959792.69	5	5	4
5C	BW5C-20	J_9	BW5C-20-J_9	No	185572.84	2959825.07	5	5	4
5C	BW5C-20	K/L_11/12	BW5C-20-K/L_11/12	No	185702.35	2959893.71	5	5	4
5C	BW5C-20	K/L_12/13	BW5C-20-K/L_12/13	No	185736.02	2959933.86	5	5	4
5C	BW5C-20	K/L_3	BW5C-20-K/L_3	No	185453.69	2959554.39	5	5	4
5C	BW5C-20	K/L_5	BW5C-20-K/L_5	No	185513.26	2959623.03	5	5	4
5C	BW5C-20	K/L_6/7	BW5C-20-K/L_6/7	No	185541.76	2959677.42	5	5	4
5C	BW5C-20	K_10/11	BW5C-20-K_10/11	No	185672.56	2959857.44	5	5	4
5C	BW5C-20	K_10/9	BW5C-20-K_10/9	No	185627.23	2959810.82	5	5	4
5C	BW5C-20	K_4	BW5C-20-K_4	No	185457.57	2959606.19	5	5	4
5C	BW5C-20	K_7/8	BW5C-20-K_7/8	No	185554.71	2959733.11	5	5	4
5C	BW5C-20	K_8/9	BW5C-20-K_8/9	No	185593.56	2959765.49	5	5	4
5C	BW5C-20	L/M_11/12	BW5C-20-L/M_11/12	No	185743.79	2959860.03	5	5	4
5C	BW5C-20	L/M_13	BW5C-20-L/M_13	No	185782.65	2959905.36	5	5	4
5C	BW5C-20	L/M_5/6	BW5C-20-L/M_5/6	No	185559.89	2959606.19	5	5	4
5C	BW5C-20	L/M_6/7	BW5C-20-L/M_6/7	No	185594.86	2959641.16	5	5	4
5C	BW5C-20	L_10/11	BW5C-20-L_10/11	No	185702.35	2959825.07	5	5	4
5C	BW5C-20	L_10/9	BW5C-20-L_10/9	No	185671.27	2959792.69	5	5	4
5C	BW5C-20	L_4	BW5C-20-L_4	No	185513.26	2959567.34	5	5	4
5C	BW5C-20	L_7/8	BW5C-20-L_7/8	No	185610.40	2959698.14	5	5	4
5C	BW5C-20	L_8/9	BW5C-20-L_8/9	No	185638.89	2959748.65	5	5	4
5C	BW5C-20	M/N_10/11	BW5C-20-M/N_10/11	No	185752.86	2959782.33	5	5	4
5C	BW5C-20	M/N_11/12	BW5C-20-M/N_11/12	No	185783.94	2959819.89	5	5	4
5C	BW5C-20	M/N_12/13	BW5C-20-M/N_12/13	No	185817.62	2959865.21	5	5	4
5C	BW5C-20	M/N_7/8	BW5C-20-M/N_7/8	No	185651.84	2959659.29	5	5	4
5C	BW5C-20	M_10/9	BW5C-20-M_10/9	No	185707.53	2959747.36	5	5	4
5C	BW5C-20	M_8/9	BW5C-20-M_8/9	No	185677.74	2959708.51	5	5	4
5C	BW5C-20	N/O_11/12	BW5C-20-N/O_11/12	No	185826.68	2959793.98	5	5	4
5C	BW5C-20	N/O_12/13	BW5C-20-N/O_12/13	No	185851.29	2959840.61	5	5	4
5C	BW5C-20	N/O_13/14	BW5C-20-N/O_13/14	No	185886.26	2959887.23	5	5	4
5C	BW5C-20	N_10/9	BW5C-20-N_10/9	No	185741.20	2959717.57	5	5	4
5C	BW5C-20	N_8	BW5C-20-N_8	No	185707.53	2959664.47	5	5	4
5C	BW5C-20	O/P_11/12	BW5C-20-O/P_11/12	No	185864.24	2959753.83	5	5	4
5C	BW5C-20	O/P_12/13	BW5C-20-O/P_12/13	No	185897.91	2959808.23	5	5	4
5C	BW5C-20	O_10/11	BW5C-20-O_10/11	No	185807.25	2959737.00	5	5	4
5C	BW5C-20	O_8	BW5C-20-O_8	No	185746.38	2959629.50	5	5	4
5C	BW5C-20	O_9	BW5C-20-O_9	No	185781.35	2959674.83	5	5	4
5C	BW5C-20	P/Q_11	BW5C-20-P/Q_11	No	185888.85	2959707.21	5	5	4
5C	BW5C-20	P/Q_12	BW5C-20-P/Q_12	No	185928.99	2959760.31	5	5	4
5C	BW5C-20	P/Q_7/8	BW5C-20-P/Q_7/8	No	185781.35	2959576.40	5	5	4
5C	BW5C-20	P_10	BW5C-20-P_10	No	185835.75	2959691.67	5	5	4
5C	BW5C-20	P_8/9	BW5C-20-P_8/9	No	185805.96	2959630.80	5	5	4
5C	BW5C-20	Q/R_10/11	BW5C-20-Q/R_10/11	No	185921.22	2959663.18	5	5	4
5C	BW5C-20	Q/R_12	BW5C-20-Q/R_12	No	185951.01	2959718.87	5	5	4
5C	BW5C-20	Q/R_7	BW5C-20-Q/R_7	No	185825.39	2959522.01	5	5	4
5C	BW5C-20	Q/R_8/9	BW5C-20-Q/R_8/9	No	185844.81	2959585.47	5	5	4
5C	BW5C-20	Q_10/9	BW5C-20-Q_10/9	No	185872.01	2959646.34	5	5	4
5C	BW5C-20	R/S_11/12	BW5C-20-R/S_11/12	No	185975.62	2959669.65	5	5	4
5C	BW5C-20	R/S_6	BW5C-20-R/S_6	No	185829.27	2959461.14	5	5	4
5C	BW5C-20	R/S_8	BW5C-20-R/S_8	No	185878.49	2959531.08	5	5	4
5C	BW5C-20	R_10/9	BW5C-20-R_10/9	No	185903.09	2959597.13	5	5	4
5C	BW5C-20	S/T_9	BW5C-20-S/T_9	No	185938.06	2959544.03	5	5	4
5C	BW5C-20	S_10/11	BW5C-20-S_10/11	No	185966.55	2959612.67	5	5	4
5C	BW5C-20	S_5	BW5C-20-S_5	No	185812.43	2959395.09	5	5	4
5C	BW5C-20	S_7	BW5C-20-S_7	No	185879.78	2959467.61	5	5	4
5C	BW5C-20	T/U_3	BW5C-20-T/U_3	No	185803.37	2959270.76	5	5	4
5C	BW5C-20	T/U_5	BW5C-20-T/U_5	No	185873.31	2959339.40	5	5	4

**Appendix C**
**Proposed PCB Sample Tracking Matrix for Backwater Sediments**

Reach	Backwater ID	Grid ID	Location ID	Inside Core Area 1 Habitat	Easting	Northing	Estimated Total Sample Depth	Estimated Number of Samples for PCB Analysis	Estimated Number of Samples to Hold
5C	BW5C-20	T/U_7	BW5C-20-T/U_7	No	185940.65	2959420.99	5	5	4
5C	BW5C-20	T_4	BW5C-20-T_4	No	185813.73	2959329.04	5	5	4
5C	BW5C-20	T_5/6	BW5C-20-T_5/6	No	185869.42	2959398.97	5	5	4
5C	BW5C-20	T_8	BW5C-20-T_8	No	185938.06	2959476.68	5	5	4
5C	BW5C-20	U_3/4	BW5C-20-U_3/4	No	185864.24	2959279.82	5	5	4
5C	BW5C-21	A/B_11/12	BW5C-21-A/B_11/12	No	186421.66	2959492.48	5	5	4
5C	BW5C-21	B/C_10	BW5C-21-B/C_10	No	186366.95	2959441.09	5	5	4
5C	BW5C-21	B/C_11	BW5C-21-B/C_11	No	186415.85	2959451.87	5	5	4
5C	BW5C-21	B/C_12	BW5C-21-B/C_12	No	186468.07	2959465.96	5	5	4
5C	BW5C-21	B/C_8/9	BW5C-21-B/C_8/9	No	186303.13	2959430.32	5	5	4
5C	BW5C-21	C_10/11	BW5C-21-C_10/11	No	186387.67	2959415.40	5	5	4
5C	BW5C-21	C_11/12	BW5C-21-C_11/12	No	186439.89	2959425.34	5	5	4
5C	BW5C-21	C_12/13	BW5C-21-C_12/13	No	186490.45	2959436.12	5	5	4
5C	BW5C-21	C_13/14	BW5C-21-C_13/14	No	186539.36	2959447.72	5	5	4
5C	BW5C-21	C_7	BW5C-21-C_7	No	186217.75	2959371.47	5	5	4
5C	BW5C-21	C_8	BW5C-21-C_8	No	186274.12	2959387.21	5	5	4
5C	BW5C-21	C_9	BW5C-21-C_9	No	186337.11	2959404.62	5	5	4
5C	BW5C-21	D_10/11	BW5C-21-D_10/11	No	186399.28	2959368.15	5	5	4
5C	BW5C-21	D_10/9	BW5C-21-D_10/9	No	186348.71	2959355.72	5	5	4
5C	BW5C-21	D_11	BW5C-21-D_11	No	186444.86	2959375.61	5	5	4
5C	BW5C-21	D_12/13	BW5C-21-D_12/13	No	186496.25	2959386.39	5	5	4
5C	BW5C-21	D_13/14	BW5C-21-D_13/14	No	186543.50	2959397.99	5	5	4
5C	BW5C-21	D_14/15	BW5C-21-D_14/15	No	186593.23	2959408.76	5	5	4
5C	BW5C-21	D_5/6	BW5C-21-D_5/6	No	186158.90	2959312.62	5	5	4
5C	BW5C-21	D_6/7	BW5C-21-D_6/7	No	186205.32	2959322.56	5	5	4
5C	BW5C-21	D_7/8	BW5C-21-D_7/8	No	186256.71	2959335.00	5	5	4
5C	BW5C-21	D_8	BW5C-21-D_8	No	186298.98	2959341.63	5	5	4
5C	BW5C-21	E_10/11	BW5C-21-E_10/11	No	186407.56	2959316.76	5	5	4
5C	BW5C-21	E_11	BW5C-21-E_11	No	186454.81	2959327.54	5	5	4
5C	BW5C-21	E_12	BW5C-21-E_12	No	186502.89	2959338.31	5	5	4
5C	BW5C-21	E_13/14	BW5C-21-E_13/14	No	186554.28	2959348.26	5	5	4
5C	BW5C-21	E_14/15	BW5C-21-E_14/15	No	186606.49	2959359.03	5	5	4
5C	BW5C-21	E_5/6	BW5C-21-E_5/6	No	186163.88	2959264.54	5	5	4
5C	BW5C-21	E_6/7	BW5C-21-E_6/7	No	186217.75	2959274.49	5	5	4
5C	BW5C-21	E_7/8	BW5C-21-E_7/8	No	186263.34	2959284.43	5	5	4
5C	BW5C-21	E_8/9	BW5C-21-E_8/9	No	186313.07	2959295.21	5	5	4
5C	BW5C-21	E_9	BW5C-21-E_9	No	186357.00	2959305.98	5	5	4
5C	BW5C-21	F_10	BW5C-21-F_10	No	186409.22	2959266.20	5	5	4
5C	BW5C-21	F_11	BW5C-21-F_11	No	186454.81	2959275.32	5	5	4
5C	BW5C-21	F_12	BW5C-21-F_12	No	186499.57	2959287.75	5	5	4
5C	BW5C-21	F_13	BW5C-21-F_13	No	186555.10	2959296.04	5	5	4
5C	BW5C-21	F_14	BW5C-21-F_14	No	186601.52	2959306.81	5	5	4
5C	BW5C-21	F_15	BW5C-21-F_15	No	186645.45	2959310.96	5	5	4
5C	BW5C-21	F_5	BW5C-21-F_5	No	186164.71	2959209.84	5	5	4
5C	BW5C-21	F_6	BW5C-21-F_6	No	186212.78	2959228.07	5	5	4
5C	BW5C-21	F_7	BW5C-21-F_7	No	186262.51	2959238.85	5	5	4
5C	BW5C-21	F_8	BW5C-21-F_8	No	186311.42	2959245.48	5	5	4
5C	BW5C-21	F_9	BW5C-21-F_9	No	186356.17	2959255.42	5	5	4
5C	BW5C-21	G/H_10/11	BW5C-21-G/H_10/11	No	186453.98	2959187.46	5	5	4
5C	BW5C-21	G/H_10/9	BW5C-21-G/H_10/9	No	186401.76	2959177.51	5	5	4
5C	BW5C-21	G/H_13	BW5C-21-G/H_13	No	186560.91	2959209.84	5	5	4
5C	BW5C-21	G/H_3/4	BW5C-21-G/H_3/4	No	186108.34	2959112.86	5	5	4
5C	BW5C-21	G/H_4/5	BW5C-21-G/H_4/5	No	186155.59	2959121.15	5	5	4
5C	BW5C-21	G/H_5/6	BW5C-21-G/H_5/6	No	186207.81	2959133.58	5	5	4
5C	BW5C-21	G/H_6/7	BW5C-21-G/H_6/7	No	186257.54	2959145.18	5	5	4
5C	BW5C-21	G/H_7/8	BW5C-21-G/H_7/8	No	186301.47	2959156.79	5	5	4
5C	BW5C-21	G/H_8/9	BW5C-21-G/H_8/9	No	186354.52	2959166.73	5	5	4
5C	BW5C-21	G_10/11	BW5C-21-G_10/11	No	186436.58	2959231.39	5	5	4
5C	BW5C-21	G_10/9	BW5C-21-G_10/9	No	186396.79	2959219.78	5	5	4
5C	BW5C-21	G_11/12	BW5C-21-G_11/12	No	186488.79	2959242.99	5	5	4
5C	BW5C-21	G_12/13	BW5C-21-G_12/13	No	186542.67	2959252.11	5	5	4
5C	BW5C-21	G_13/14	BW5C-21-G_13/14	No	186595.72	2959263.71	5	5	4
5C	BW5C-21	G_14/15	BW5C-21-G_14/15	No	186643.79	2959265.37	5	5	4
5C	BW5C-21	G_4/5	BW5C-21-G_4/5	No	186139.01	2959163.42	5	5	4
5C	BW5C-21	G_5/6	BW5C-21-G_5/6	No	186197.03	2959176.68	5	5	4
5C	BW5C-21	G_6/7	BW5C-21-G_6/7	No	186242.62	2959187.46	5	5	4

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**Proposed PCB Sample Tracking Matrix for Backwater Sediments**

Reach	Backwater ID	Grid ID	Location ID	Inside Core Area 1 Habitat	Easting	Northing	Estimated Total Sample Depth	Estimated Number of Samples for PCB Analysis	Estimated Number of Samples to Hold
5C	BW5C-21	G_7/8	BW5C-21-G_7/8	No	186289.86	2959195.74	5	5	4
5C	BW5C-21	G_8/9	BW5C-21-G_8/9	No	186339.60	2959209.01	5	5	4
5C	BW5C-21	H/I_10	BW5C-21-H/I_10	No	186444.04	2959132.75	5	5	4
5C	BW5C-21	H/I_11	BW5C-21-H/I_11	No	186493.77	2959147.67	5	5	4
5C	BW5C-21	H/I_12/13	BW5C-21-H/I_12/13	No	186545.16	2959157.62	5	5	4
5C	BW5C-21	H/I_13	BW5C-21-H/I_13	No	186589.09	2959172.54	5	5	4
5C	BW5C-21	H/I_3	BW5C-21-H/I_3	No	186100.88	2959062.30	5	5	4
5C	BW5C-21	H/I_4	BW5C-21-H/I_4	No	186148.96	2959072.24	5	5	4
5C	BW5C-21	H/I_5	BW5C-21-H/I_5	No	186197.03	2959083.02	5	5	4
5C	BW5C-21	H/I_6	BW5C-21-H/I_6	No	186248.42	2959091.31	5	5	4
5C	BW5C-21	H/I_7	BW5C-21-H/I_7	No	186294.84	2959102.91	5	5	4
5C	BW5C-21	H/I_8	BW5C-21-H/I_8	No	186344.57	2959111.20	5	5	4
5C	BW5C-21	H/I_9	BW5C-21-H/I_9	No	186390.99	2959122.80	5	5	4
5C	BW5C-21	H_11/12	BW5C-21-H_11/12	No	186509.52	2959197.40	5	5	4
5C	BW5C-21	H_14	BW5C-21-H_14	No	186613.95	2959219.78	5	5	4
5C	BW5C-21	I/J_10	BW5C-21-I/J_10	No	186447.35	2959089.65	5	5	4
5C	BW5C-21	I/J_11	BW5C-21-I/J_11	No	186490.45	2959096.28	5	5	4
5C	BW5C-21	I/J_12	BW5C-21-I/J_12	No	186542.67	2959110.37	5	5	4
5C	BW5C-21	I/J_13	BW5C-21-I/J_13	No	186589.92	2959126.12	5	5	4
5C	BW5C-21	I/J_3	BW5C-21-I/J_3	No	186095.91	2959009.25	5	5	4
5C	BW5C-21	I/J_4	BW5C-21-I/J_4	No	186147.30	2959022.51	5	5	4
5C	BW5C-21	I/J_5	BW5C-21-I/J_5	No	186200.35	2959031.63	5	5	4
5C	BW5C-21	I/J_6	BW5C-21-I/J_6	No	186246.76	2959042.40	5	5	4
5C	BW5C-21	I/J_7	BW5C-21-I/J_7	No	186298.15	2959054.01	5	5	4
5C	BW5C-21	I/J_8	BW5C-21-I/J_8	No	186348.71	2959066.44	5	5	4
5C	BW5C-21	I/J_9	BW5C-21-I/J_9	No	186398.45	2959078.87	5	5	4
5C	BW5C-21	J/K_10	BW5C-21-J/K_10	No	186453.15	2959043.23	5	5	4
5C	BW5C-21	J/K_11	BW5C-21-J/K_11	No	186505.37	2959051.52	5	5	4
5C	BW5C-21	J/K_12	BW5C-21-J/K_12	No	186560.08	2959070.59	5	5	4
5C	BW5C-21	J/K_2/3	BW5C-21-J/K_2/3	No	186100.52	2958964.32	5	5	4
5C	BW5C-21	J/K_4	BW5C-21-J/K_4	No	186156.38	2958976.82	5	5	4
5C	BW5C-21	J/K_5	BW5C-21-J/K_5	No	186210.29	2958988.53	5	5	4
5C	BW5C-21	J/K_6	BW5C-21-J/K_6	No	186261.68	2959000.13	5	5	4
5C	BW5C-21	J/K_7	BW5C-21-J/K_7	No	186307.27	2959010.08	5	5	4
5C	BW5C-21	J/K_8	BW5C-21-J/K_8	No	186357.00	2959022.51	5	5	4
5C	BW5C-21	J/K_9	BW5C-21-J/K_9	No	186405.91	2959034.94	5	5	4
5C	BW5C-21	K/L_12	BW5C-21-K/L_12	No	186562.56	2959023.34	5	5	4
5C	BW5C-21	K/L_3	BW5C-21-K/L_3	No	186121.47	2958927.49	5	5	4
5C	BW5C-21	K/L_4	BW5C-21-K/L_4	No	186171.34	2958929.68	5	5	4
5C	BW5C-21	K/L_5	BW5C-21-K/L_5	No	186219.61	2958948.18	5	5	4
5C	BW5C-2	B/C_5/6	BW5C-2-B/C_5/6	No	184982.46	2968136.18	5	5	4
5C	BW5C-2	C_5	BW5C-2-C_5	No	184942.13	2968122.66	5	5	4
5C	BW5C-2	D/E_3	BW5C-2-D/E_3	No	184823.52	2968135.24	5	5	4
5C	BW5C-2	D_2/3	BW5C-2-D_2/3	No	184800.75	2968167.02	5	5	4
5C	BW5C-2	D_4	BW5C-2-D_4	No	184869.07	2968127.88	5	5	4
5C	BW5C-2	D_5	BW5C-2-D_5	No	184900.86	2968092.77	5	5	4
5C	BW5C-2	E_4	BW5C-2-E_4	No	184844.87	2968083.05	5	5	4
5C	BW5C-2	E_5	BW5C-2-E_5	No	184870.26	2968038.21	5	5	4
5C	BW5C-3	B/C_2/3	BW5C-3-B/C_2/3	No	185307.45	2968063.59	5	5	4
5C	BW5C-3	C/D_2/3	BW5C-3-C/D_2/3	No	185312.91	2968014.02	5	5	4
5C	BW5C-3	D/E_2/3	BW5C-3-D/E_2/3	No	185320.03	2967965.62	5	5	4
5C	BW5C-3	E/F_2/3	BW5C-3-E/F_2/3	No	185325.96	2967913.43	5	5	4
5C	BW5C-3	F/G_2/3	BW5C-3-F/G_2/3	No	185332.12	2967864.57	5	5	4
5C	BW5C-4	B_3/4	BW5C-4-B_3/4	No	184369.60	2967922.23	5	5	4
5C	BW5C-4	C_3	BW5C-4-C_3	No	184406.66	2967890.38	5	5	4
5C	BW5C-4	D_2/3	BW5C-4-D_2/3	No	184426.35	2967842.31	5	5	4
5C	BW5C-4	E_2/3	BW5C-4-E_2/3	No	184471.53	2967814.51	5	5	4
5C	BW5C-4	F/G_3/4	BW5C-4-F/G_3/4	No	184561.88	2967812.77	5	5	4
5C	BW5C-4	F_2/3	BW5C-4-F_2/3	No	184515.54	2967795.40	5	5	4
5C	BW5C-4	G/H_3/4	BW5C-4-G/H_3/4	No	184607.63	2967792.50	5	5	4
5C	BW5C-4	G_2/3	BW5C-4-G_2/3	No	184556.66	2967761.81	5	5	4
5C	BW5C-4	H/I_3/4	BW5C-4-H/I_3/4	No	184641.22	2967756.02	5	5	4
5C	BW5C-4	H_2/3	BW5C-4-H_2/3	No	184598.36	2967740.38	5	5	4
5C	BW5C-4	I/J_3/4	BW5C-4-I/J_3/4	No	184677.13	2967723.01	5	5	4
5C	BW5C-4	I_2/3	BW5C-4-I_2/3	No	184638.90	2967701.00	5	5	4
5C	BW5C-5	B/C_3	BW5C-5-B/C_3	Yes	185447.97	2966809.11	1	1	0

**Appendix C**
**Proposed PCB Sample Tracking Matrix for Backwater Sediments**

Reach	Backwater ID	Grid ID	Location ID	Inside Core Area 1 Habitat	Easting	Northing	Estimated Total Sample Depth	Estimated Number of Samples for PCB Analysis	Estimated Number of Samples to Hold
5C	BW5C-5	C/D_3	BW5C-5-C/D_3	Yes	185428.28	2966759.30	1	1	0
5C	BW5C-5	E/F_3/4	BW5C-5-E/F_3/4	Yes	185433.50	2966650.42	1	1	0
5C	BW5C-5	E_3	BW5C-5-E_3	Yes	185417.28	2966702.54	1	1	0
5C	BW5C-5	F/G_4	BW5C-5-F/G_4	Yes	185445.08	2966600.03	1	1	0
5C	BW5C-5	G/H_3/4	BW5C-5-G/H_3/4	Yes	185430.60	2966557.76	1	1	0
5C	BW5C-5	H/I_3/4	BW5C-5-H/I_3/4	Yes	185408.01	2966509.11	1	1	0
5C	BW5C-5	I/J_3/4	BW5C-5-I/J_3/4	Yes	185384.27	2966462.77	1	1	0
5C	BW5C-5	J_4/5	BW5C-5-J_4/5	Yes	185428.28	2966430.92	1	1	0
5C	BW5C-5	K/L_2/3	BW5C-5-K/L_2/3	Yes	185330.41	2966367.21	1	1	0
5C	BW5C-5	K_3/4	BW5C-5-K_3/4	Yes	185379.06	2966401.96	1	1	0
5C	BW5C-5	K_4/5	BW5C-5-K_4/5	Yes	185432.34	2966381.69	1	1	0
5C	BW5C-5	L_3/4	BW5C-5-L_3/4	Yes	185380.21	2966353.31	1	1	0
5C	BW5C-5	L_4/5	BW5C-5-L_4/5	Yes	185425.97	2966333.62	1	1	0
5C	BW5C-5	M_4/5	BW5C-5-M_4/5	Yes	185397.59	2966298.30	1	1	0
5C	BW5C-6	C_2/3	BW5C-6-C_2/3	Yes	184871.72	2966674.74	1	1	0
5C	BW5C-6	C_4	BW5C-6-C_4	Yes	184916.32	2966699.65	1	1	0
5C	BW5C-6	C_4/5	BW5C-6-C_4/5	Yes	184962.07	2966718.18	1	1	0
5C	BW5C-6	D_3	BW5C-6-D_3	Yes	184917.47	2966634.20	1	1	0
5C	BW5C-6	D_4	BW5C-6-D_4	Yes	184958.59	2966660.26	1	1	0
5C	BW5C-6	D_5	BW5C-6-D_5	Yes	185007.82	2966686.33	1	1	0
5C	BW5C-6	E_3/4	BW5C-6-E_3/4	Yes	184952.80	2966601.77	1	1	0
5C	BW5C-6	E_4/5	BW5C-6-E_4/5	Yes	185003.19	2966629.57	1	1	0
5C	BW5C-6	E_5/6	BW5C-6-E_5/6	Yes	185048.94	2966655.05	1	1	0
5C	BW5C-6	F_3	BW5C-6-F_3	Yes	184972.49	2966541.54	1	1	0
5C	BW5C-6	F_4	BW5C-6-F_4	Yes	185013.61	2966575.71	1	1	0
5C	BW5C-6	F_5	BW5C-6-F_5	Yes	185054.15	2966599.45	1	1	0
5C	BW5C-6	F_6/7	BW5C-6-F_6/7	Yes	185101.06	2966631.31	1	1	0
5C	BW5C-6	G/H_3/4	BW5C-6-G/H_3/4	Yes	185016.51	2966497.52	1	1	0
5C	BW5C-6	G_4/5	BW5C-6-G_4/5	Yes	185052.42	2966532.27	1	1	0
5C	BW5C-6	G_5/6	BW5C-6-G_5/6	Yes	185101.64	2966561.81	1	1	0
5C	BW5C-6	G_6/7	BW5C-6-G_6/7	Yes	185143.34	2966600.03	1	1	0
5C	BW5C-6	H/I_4	BW5C-6-H/I_4	Yes	185061.10	2966467.41	1	1	0
5C	BW5C-6	H/I_6	BW5C-6-H/I_6	Yes	185154.35	2966518.95	1	1	0
5C	BW5C-6	H_5	BW5C-6-H_5	Yes	185103.38	2966511.42	1	1	0
5C	BW5C-6	I/J_4	BW5C-6-I/J_4	Yes	185081.37	2966413.55	1	1	0
5C	BW5C-6	I/J_5/6	BW5C-6-I/J_5/6	Yes	185165.35	2966466.83	1	1	0
5C	BW5C-6	I_5	BW5C-6-I_5	Yes	185117.28	2966459.88	1	1	0
5C	BW5C-6	J/K_4	BW5C-6-J/K_4	Yes	185111.49	2966370.11	1	1	0
5C	BW5C-6	J_5	BW5C-6-J_5	Yes	185139.87	2966414.13	1	1	0
5C	BW5C-6	K/L_3/4	BW5C-6-K/L_3/4	Yes	185115.54	2966313.93	1	1	0
5C	BW5C-6	L/M_3	BW5C-6-L/M_3	Yes	185119.02	2966258.33	1	1	0
5C	BW5C-6	M/N_2/3	BW5C-6-M/N_2/3	Yes	185131.76	2966207.95	1	1	0
5C	BW5C-6	N/O_2/3	BW5C-6-N/O_2/3	Yes	185152.03	2966159.30	1	1	0
5C	BW5C-7	B/C_2/3	BW5C-7-B/C_2/3	No	185754.35	2966527.06	5	5	4
5C	BW5C-7	C_3	BW5C-7-C_3	No	185771.72	2966480.15	5	5	4
5C	BW5C-7	D_3/4	BW5C-7-D_3/4	No	185769.40	2966421.08	5	5	4
5C	BW5C-7	E/F_3/4	BW5C-7-E/F_3/4	No	185750.87	2966368.95	5	5	4
5C	BW5C-7	F/G_3	BW5C-7-F/G_3	No	185717.28	2966327.83	5	5	4
5C	BW5C-7	F/G_4	BW5C-7-F/G_4	No	185761.87	2966308.72	5	5	4
5C	BW5C-7	G/H_3/4	BW5C-7-G/H_3/4	No	185708.59	2966280.92	5	5	4
5C	BW5C-7	G/H_4/5	BW5C-7-G/H_4/5	No	185756.66	2966261.23	5	5	4
5C	BW5C-7	H/I_4	BW5C-7-H/I_4	No	185713.81	2966219.53	5	5	4
5C	BW5C-7	H/I_5	BW5C-7-H/I_5	No	185761.87	2966199.84	5	5	4
5C	BW5C-7	I/J_4/5	BW5C-7-I/J_4/5	No	185713.81	2966162.20	5	5	4
5C	BW5C-7	I/J_5/6	BW5C-7-I/J_5/6	No	185769.40	2966144.24	5	5	4
5C	BW5C-7	J/K_4/5	BW5C-7-J/K_4/5	No	185701.06	2966112.97	5	5	4
5C	BW5C-7	J/K_5/6	BW5C-7-J/K_5/6	No	185753.19	2966091.54	5	5	4
5C	BW5C-7	J_3/4	BW5C-7-J_3/4	No	185662.26	2966144.24	5	5	4
5C	BW5C-7	K/L_4	BW5C-7-K/L_4	No	185651.84	2966066.06	5	5	4
5C	BW5C-7	K/L_5	BW5C-7-K/L_5	No	185707.43	2966056.79	5	5	4
5C	BW5C-8	B/C_1/2	BW5C-8-B/C_1/2	Yes	185098.78	2966078.41	1	1	0
5C	BW5C-8	B/C_6/7	BW5C-8-B/C_6/7	No	185283.94	2965940.69	5	5	4
5C	BW5C-8	C/D_3/4	BW5C-8-C/D_3/4	No	185142.93	2965992.09	5	5	4
5C	BW5C-8	C/D_4/5	BW5C-8-C/D_4/5	No	185184.44	2965972.98	5	5	4
5C	BW5C-8	C/D_6/7	BW5C-8-C/D_6/7	No	185255.61	2965898.51	5	5	4
5C	BW5C-8	C_5/6	BW5C-8-C_5/6	No	185238.47	2965953.87	5	5	4

**Appendix C****Proposed PCB Sample Tracking Matrix for Backwater Sediments**

Reach	Backwater ID	Grid ID	Location ID	Inside Core Area 1 Habitat	Easting	Northing	Estimated Total Sample Depth	Estimated Number of Samples for PCB Analysis	Estimated Number of Samples to Hold
5C	BW5C-8	C_7/8	BW5C-8-C_7/8	No	185309.64	2965898.51	5	5	4
5C	BW5C-8	D/E_3/4	BW5C-8-D/E_3/4	No	185111.30	2965951.89	5	5	4
5C	BW5C-8	D/E_4/5	BW5C-8-D/E_4/5	No	185154.79	2965922.24	5	5	4
5C	BW5C-8	D/E_6/7	BW5C-8-D/E_6/7	No	185221.34	2965858.98	5	5	4
5C	BW5C-8	D/E_8/9	BW5C-8-D/E_8/9	No	185306.35	2965808.24	5	5	4
5C	BW5C-8	D_2/3	BW5C-8-D_2/3	Yes	185096.80	2966004.60	1	1	0
5C	BW5C-8	D_5/6	BW5C-8-D_5/6	No	185200.26	2965910.38	5	5	4
5C	BW5C-8	D_7/8	BW5C-8-D_7/8	No	185281.31	2965851.73	5	5	4
5C	BW5C-8	E/F_4/5	BW5C-8-E/F_4/5	No	185116.57	2965887.97	5	5	4
5C	BW5C-8	E/F_8	BW5C-8-E/F_8	No	185267.47	2965772.00	5	5	4
5C	BW5C-8	E_7/8	BW5C-8-E_7/8	No	185241.77	2965809.56	5	5	4
5C	BW5C-9	B/C_4/5	BW5C-9-B/C_4/5	No	185649.00	2965524.89	5	5	4
5C	BW5C-9	C/D_4/5	BW5C-9-C/D_4/5	No	185632.52	2965484.70	5	5	4
5C	BW5C-9	D/E_2/3	BW5C-9-D/E_2/3	No	185534.34	2965449.77	5	5	4
5C	BW5C-9	D/E_3/4	BW5C-9-D/E_3/4	No	185588.37	2965453.73	5	5	4
5C	BW5C-9	D/E_4/5	BW5C-9-D/E_4/5	No	185626.59	2965428.69	5	5	4

Note:

Coordinates are in NAD83 Massachusetts State Plane Mainland, U.S. Feet

NAD83: North American Datum of 1983

PCB: polychlorinated biphenyl

## Appendix D

### Proposed PCB Sample Tracking Matrix – Non-Residential Floodplain Soils

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**Appendix D**
**Proposed PCB Sample Tracking Matrix for Non-Residential Floodplain Soils**

Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5B	EA35	EA35-AA/AB_37/38	34-3	Lenox	186465.75	2975879.72	X	X	--	--
5B	EA35	EA35-AA_32	34-3	Lenox	186198.27	2975925.92	X	X	--	--
5B	EA35	EA35-AA_35	34-3	Lenox	186342.38	2975922.28	D	X	--	--
5B	EA35	EA35-AA_38	34-3	Lenox	186481.97	2975924.19	X	X	--	--
5B	EA35	EA35-AA_40	34-3	Lenox	186588.11	2975917.35	D	X	--	--
5B	EA35	EA35-AB/AC_34/35	34-3	Lenox	186306.44	2975843.02	D	X	--	--
5B	EA35	EA35-AB/AC_36	34-3	Lenox	186393.89	2975831.23	X	X	--	--
5B	EA35	EA35-AB_31/32	34-3	Lenox	186171.49	2975854.1	X	X	--	--
5B	EA35	EA35-AB_41/42	34-3	Lenox	186672.78	2975861.68	D	X	--	--
5B	EA35	EA35-AB_46	34-3	Lenox	186879.58	2975856.12	X	X	--	--
5B	EA35	EA35-AC_40	34-3	Lenox	186585.98	2975816.1	X	X	--	--
5B	EA35	EA35-AC_44	34-3	Lenox	186784.26	2975822.36	X	X	--	--
5B	EA35	EA35-AD/AE_42/43	34-3	Lenox	186705.87	2975751.39	D	X	--	--
5B	EA35	EA35-AE/AF_43	34-3	Lenox	186726.79	2975682.92	X	X	--	--
5B	EA35	EA35-AE_39/40	34-3	Lenox	186573.74	2975724.38	D	X	--	--
5B	EA35	EA35-AF/AG_39	34-3	Lenox	186535.37	2975633.64	X	X	--	--
5B	EA35	EA35-AF/AG_40/41	34-3	Lenox	186623.11	2975639.1	D	X	--	--
5B	EA35	EA35-AF_33/34	34-3	Lenox	186260.02	2975653.57	X	X	--	--
5B	EA35	EA35-AF_35	34-3	Lenox	186333.87	2975661.57	X	X	--	--
5B	EA35	EA35-AF_41/42	34-3	Lenox	186654.9	2975668.28	X	X	--	--
5B	EA35	EA35-AG/AH_37	34-3	Lenox	186430.5	2975596.03	X	X	--	--
5B	EA35	EA35-AG/AH_41/42	34-3	Lenox	186650.52	2975589.79	X	X	--	--
5B	EA35	EA35-AG/AH_43	34-3	Lenox	186740.88	2975597.34	X	X	--	--
5B	EA35	EA35-AH_43	34-3	Lenox	186739.83	2975580.73	X	X	--	--
5B	EA35	EA35-AG_43	34-3	Lenox	186729.97	2975626.71	X	X	--	--
5B	EA35	EA35-AH/AI_41/42	34-3	Lenox	186656.09	2975544.57	X	X	--	--
5B	EA35	EA35-AH_38/39	34-3	Lenox	186503.39	2975559.52	X	X	--	--
5B	EA35	EA35-AH_53	34-3	Lenox	187228.99	2975559.13	X	X	--	--
5B	EA35	EA35-AI/AJ_38/39	34-3	Lenox	186517.89	2975486.28	X	X	--	--
5B	EA35	EA35-AI/AJ_42/43	34-3	Lenox	186711.12	2975490.93	X	X	--	--
5B	EA35	EA35-AI/AJ_45/46	34-3	Lenox	186861.12	2975490.36	X	X	--	--
5B	EA35	EA35-AI/AJ_52/53	34-3	Lenox	187210.13	2975489.34	X	X	--	--
5B	EA35	EA35-AI_40/41	34-3	Lenox	186599.64	2975504.98	D	X	--	--
5B	EA35	EA35-AI_44/45	34-3	Lenox	186805.34	2975520.34	X	X	--	--
5B	EA35	EA35-AI_50/51	34-3	Lenox	187104.85	2975517.3	X	X	--	--
5B	EA35	EA35-AJ/AK_37	34-3	Lenox	186431.45	2975428.85	X	X	--	--
5B	EA35	EA35-AJ/AK_50	34-3	Lenox	187089.97	2975443.2	X	X	--	--
5B	EA35	EA35-AJ/AK_51/52	34-3	Lenox	187153.73	2975434.89	X	X	--	--
5B	EA35	EA35-AJ_46/47	34-3	Lenox	186900.62	2975475.61	X	X	--	--
5B	EA35	EA35-AJ_47/48	34-3	Lenox	186972.48	2975456.42	X	X	--	--
5B	EA35	EA35-AJ_52/53	34-3	Lenox	187221.5	2975455.1	D	X	--	--
5B	EA35	EA35-AK/AL_41/42	34-3	Lenox	186668.57	2975392.43	X	X	--	--
5B	EA35	EA35-AK_48/49	34-3	Lenox	187000.8	2975425.14	X	X	--	--
5B	EA35	EA35-AL/AM_39/40	34-3	Lenox	186567.8	2975349.33	X	X	--	--
5B	EA35	EA35-AL/AM_48/49	34-3	Lenox	187006.22	2975329.18	X	X	--	--
5B	EA35	EA35-AL_47/48	34-3	Lenox	186960.28	2975365.26	X	X	--	--
5B	EA35	EA35-AL_51	34-3	Lenox	187126.55	2975365.23	X	X	--	--
5B	EA35	EA35-AN/AO_47	34-3	Lenox	186946.28	2975248.75	X	X	--	--
5B	EA35	EA35-AN_49	34-3	Lenox	187044.92	2975275.65	X	X	--	--
5B	EA35	EA35-AO/AP_47/48	29-3	Lenox	186964.52	2975187.48	X	X	--	--
5B	EA35	EA35-AO_48/49	34-3	Lenox	187020.65	2975212.71	X	X	--	--
5B	EA35	EA35-AP/AQ_47	29-3	Lenox	186927.89	2975148.21	X	X	--	--
5B	EA35	EA35-AQ_48/49	29-3	Lenox	187010.23	2975109	X	X	--	--
5B	EA35	EA35-E/F_14	34-3-1	Lenox	185274.94	2976977.58	X	X	--	--
5B	EA35	EA35-F/G_18/19	34-3	Lenox	185522.71	2976947.64	X	X	--	--
5B	EA35	EA35-G/H_24/25	34-3	Lenox	185812.84	2976889.88	X	X	--	--
5B	EA35	EA35-H/I_28/29	34-3	Lenox	186005.38	2976851.87	D	X	--	--
5B	EA35	EA35-H/I_29/30	34-3	Lenox	186053.48	2976838.98	X	X	--	--
5B	EA35	EA35-H/I_15/16	34-3	Lenox	185353.51	2976857.42	X	X	--	--
5B	EA35	EA35-I/J_11	34-3-1	Lenox	185130.46	2976795.53	X	X	--	--
5B	EA35	EA35-I_20/21	34-3	Lenox	185607.78	2976811.79	X	X	--	--
5B	EA35	EA35-I_26	34-3	Lenox	185891.88	2976808.38	X	X	--	--
5B	EA35	EA35-I_30/31	34-3	Lenox	186123.84	2976804.6	X	X	--	--
5B	EA35	EA35-J/K_30	34-3	Lenox	186085.86	2976735.19	X	X	--	--
5B	EA35	EA35-J_28/29	34-3	Lenox	186006.76	2976761.83	X	X	--	--
5B	EA35	EA35-K/L_17	34-3	Lenox	185441.87	2976679.79	X	X	--	--
5B	EA35	EA35-K/L_23/24	34-3	Lenox	185766.28	2976690.77	X	X	--	--

**Appendix D**
**Proposed PCB Sample Tracking Matrix for Non-Residential Floodplain Soils**

Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5B	EA35	EA35-K_31	34-3	Lenox	186132.1	2976723.01	D	X	--	--
5B	EA35	EA35-L/M_15/16	34-3	Lenox	185357.86	2976636.5	X	X	--	--
5B	EA35	EA35-L/M_26	34-3	Lenox	185879.22	2976633.7	X	X	--	--
5B	EA35	EA35-L/M_28	34-3	Lenox	185980.05	2976645.82	X	X	--	--
5B	EA35	EA35-L/M_30	34-3	Lenox	186085.77	2976647.27	X	X	--	--
5B	EA35	EA35-L/M_30/31	34-3	Lenox	186123.22	2976632.68	X	X	--	--
5B	EA35	EA35-M_11/12	34-3-1	Lenox	185172.9	2976617.31	X	X	--	--
5B	EA35	EA35-M_20/21	34-3	Lenox	185608.21	2976618.58	X	X	--	--
5B	EA35	EA35-N_25/26	34-3	Lenox	185859.24	2976562.27	X	X	--	--
5B	EA35	EA35-N_28	34-3	Lenox	185989.74	2976574.87	X	X	--	--
5B	EA35	EA35-O/P_18	34-3	Lenox	185480.77	2976494.21	D	X	--	--
5B	EA35	EA35-O/P_26	34-3	Lenox	185888.53	2976500.75	X	X	--	--
5B	EA35	EA35-O_28/29	34-3	Lenox	185999.05	2976508.85	X	X	--	--
5B	EA35	EA35-O_31	34-3	Lenox	186137.55	2976513.71	X	X	--	--
5B	EA35	EA35-Q/R_20/21	34-3	Lenox	185622.99	2976381.85	X	X	--	--
5B	EA35	EA35-Q/R_23/24	34-3	Lenox	185763.5	2976391.98	X	X	--	--
5B	EA35	EA35-Q/R_31/32	34-3	Lenox	186169.51	2976386.08	X	X	--	--
5B	EA35	EA35-Q_13	34-3	Lenox	185230.94	2976416.81	X	X	--	--
5B	EA35	EA35-S_31	34-3	Lenox	186146.27	2976311.25	X	X	--	--
5B	EA35	EA35-T_17/18	34-3	Lenox	185450.8	2976268.17	X	X	--	--
5B	EA35	EA35-W/X_34	34-3	Lenox	186275.52	2976080.58	X	X	--	--
5B	EA35	EA35-X/Y_32/33	34-3	Lenox	186223.16	2976034.02	X	X	--	--
5B	EA35	EA35-Y/Z_33/34	34-3	Lenox	186250.87	2975987.9	X	X	--	--
5B	EA35	EA35-Z_32	34-3	Lenox	186187.03	2975960.95	X	X	--	--
5B	EA36	EA36-AA/AB_22/23	34-1	Lenox	187259.94	2975797.38	X	X	--	--
5B	EA36	EA36-AA/AB_27	34-1	Lenox	187483.17	2975780.77	D	X	--	--
5B	EA36	EA36-AA/Z_23	34-1	Lenox	187279.52	2975850.04	X	X	--	--
5B	EA36	EA36-AA_17/18	34-1	Lenox	187001.02	2975818.08	X	X	--	--
5B	EA36	EA36-AA_19	34-1	Lenox	187092.45	2975813.33	X	X	--	--
5B	EA36	EA36-AA_21	34-1	Lenox	187189.52	2975816.43	X	X	--	--
5B	EA36	EA36-AB/AC_18	34-1	Lenox	187027.98	2975737.65	X	X	--	--
5B	EA36	EA36-AB/AC_23	34-1	Lenox	187298.83	2975747.63	X	X	--	--
5B	EA36	EA36-AB/AC_26/27	34-1	Lenox	187460.89	2975732.26	X	X	--	--
5B	EA36	EA36-AB_25	34-1	Lenox	187397.47	2975764.88	X	X	--	--
5B	EA36	EA36-AC/AD_19	34-1	Lenox	187085.78	2975690.23	D	X	--	--
5B	EA36	EA36-AC/AD_22/23	34-1	Lenox	187272	2975695.83	X	X	--	--
5B	EA36	EA36-AC/AD_25/26	34-1	Lenox	187422.1	2975695.62	X	X	--	--
5B	EA36	EA36-AC_16	34-1	Lenox	186936.86	2975719.46	X	X	--	--
5B	EA36	EA36-AC_21/22	34-1	Lenox	187201.53	2975716.35	X	X	--	--
5B	EA36	EA36-AD_16/17	34-1	Lenox	186953.44	2975656.49	X	X	--	--
5B	EA36	EA36-AD_19/20	34-1	Lenox	187099.5	2975676.2	X	X	--	--
5B	EA36	EA36-AD_25	34-1	Lenox	187390.42	2975665.45	X	X	--	--
5B	EA36	EA36-AE/AF_16/17	34-1	Lenox	186959.8	2975587.1	X	X	--	--
5B	EA36	EA36-AE/AF_17/18	34-1	Lenox	187020.22	2975601.23	X	X	--	--
5B	EA36	EA36-AF_25/26	34-1	Lenox	187418.81	2975566.54	X	X	--	--
5B	EA36	EA36-AF_28	34-1	Lenox	187535.61	2975564.01	X	X	--	--
5B	EA36	EA36-AG/AH_24	34-1	Lenox	187342.82	2975479.2	D	X	--	--
5B	EA36	EA36-AG/AH_51	34-3	Lenox	187140.6	2975595.69	D	X	--	--
5B	EA36	EA36-AH_26/27	34-1	Lenox	187462.12	2975461.78	X	X	--	--
5B	EA36	EA36-AI/AJ_23/24	34-1	Lenox	187304.08	2975380.32	X	X	--	--
5B	EA36	EA36-AI/AJ_29/30	34-1	Lenox	187606.81	2975381.11	X	X	--	--
5B	EA36	EA36-AI_25/26	34-1	Lenox	187408.31	2975412.52	D	X	--	--
5B	EA36	EA36-AJ/AK_30	34-1	Lenox	187638.47	2975328.32	X	X	--	--
5B	EA36	EA36-AJ/AK_31/32	34-1	Lenox	187709.57	2975334.92	X	X	--	--
5B	EA36	EA36-AJ_27/28	34-1	Lenox	187511.67	2975370.59	D	X	--	--
5B	EA36	EA36-AK/AL_23/24	34-1	Lenox	187315.76	2975287.25	X	X	--	--
5B	EA36	EA36-AK_21/22	34-1	Lenox	187217.99	2975303.29	X	X	--	--
5B	EA36	EA36-AK_26	34-1	Lenox	187429.66	2975313.26	X	X	--	--
5B	EA36	EA36-AL/AM_25/26	34-1	Lenox	187409.41	2975243.2	X	X	--	--
5B	EA36	EA36-AL_21	34-1	Lenox	187186.78	2975261.81	X	X	--	--
5B	EA36	EA36-AL_27/28	34-1	Lenox	187522.51	2975273.36	X	X	--	--
5B	EA36	EA36-AM/AN_22/23	29-9	Lenox	187258.06	2975195.47	X	X	--	--
5B	EA36	EA36-AM_24/25	29-9	Lenox	187354.31	2975223	X	X	--	--
5B	EA36	EA36-AM_28/29	34-1	Lenox	187568.96	2975218.73	X	X	--	--
5B	EA36	EA36-AN_20	29-9	Lenox	187136.8	2975161.92	X	X	--	--
5B	EA36	EA36-AO/AP_31	29-9	Lenox	187683.35	2975092.58	X	X	--	--
5B	EA36	EA36-H/I_4/5	34-1	Lenox	186358.53	2976750.27	X	X	--	--

**Appendix D**
**Proposed PCB Sample Tracking Matrix for Non-Residential Floodplain Soils**

Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5B	EA36	EA36-H/I_7/8	34-1	Lenox	186523.31	2976735.71	X	X	--	--
5B	EA36	EA36-H_3	34-1	Lenox	186295.43	2976773.64	D	X	--	--
5B	EA36	EA36-H_5/6	34-1	Lenox	186411.17	2976768.36	X	X	--	--
5B	EA36	EA36-I/J_10	34-1	Lenox	186644.43	2976695	X	X	--	--
5B	EA36	EA36-I/J_10/11	34-1	Lenox	186671.79	2976698.07	X	X	--	--
5B	EA36	EA36-I_2	34-1	Lenox	186233.93	2976725.26	X	X	--	--
5B	EA36	EA36-I_6/7	34-1	Lenox	186459.69	2976717.82	X	X	--	--
5B	EA36	EA36-J/K_15/16	34-1	Lenox	186915.22	2976636.55	X	X	--	--
5B	EA36	EA36-J_2	34-1	Lenox	186239.05	2976655.09	X	X	--	--
5B	EA36	EA36-J_5/6	34-1	Lenox	186420.72	2976673.9	X	X	--	--
5B	EA36	EA36-K/L_14	34-1	Lenox	186825.58	2976600.49	X	X	--	--
5B	EA36	EA36-K/L_7/8	34-1	Lenox	186517.58	2976582.17	X	X	--	--
5B	EA36	EA36-K_2/3	34-1	Lenox	186252.73	2976618.79	X	X	--	--
5B	EA36	EA36-L_16	34-1	Lenox	186926.16	2976564.32	X	X	--	--
5B	EA36	EA36-M/N_15/16	34-1	Lenox	186904.17	2976487.87	X	X	--	--
5B	EA36	EA36-M_2	34-1	Lenox	186237.5	2976525.61	X	X	--	--
5B	EA36	EA36-M_3	34-1	Lenox	186294.85	2976518.66	X	X	--	--
5B	EA36	EA36-M_5	34-1	Lenox	186377.15	2976522.65	X	X	--	--
5B	EA36	EA36-N/O_2/3	34-1	Lenox	186267.15	2976431.91	X	X	--	--
5B	EA36	EA36-N/O_6	34-1	Lenox	186443.4	2976439.37	X	X	--	--
5B	EA36	EA36-N_5/6	34-1	Lenox	186401.55	2976469.49	X	X	--	--
5B	EA36	EA36-O_11/12	34-1	Lenox	186705.88	2976424.87	X	X	--	--
5B	EA36	EA36-O_4/5	34-1	Lenox	186350.35	2976410.83	X	X	--	--
5B	EA36	EA36-Q/R_12/13	34-1	Lenox	186752.78	2976290.97	D	X	--	--
5B	EA36	EA36-Q_3	34-1	Lenox	186286.07	2976322.23	X	X	--	--
5B	EA36	EA36-Q_6/7	34-1	Lenox	186470.56	2976313.59	X	X	--	--
5B	EA36	EA36-R/S_7/8	34-1	Lenox	186521.6	2976245.53	D	X	--	--
5B	EA36	EA36-R/S_8/9	34-1	Lenox	186562.58	2976242.61	X	X	--	--
5B	EA36	EA36-S/T_10	34-1	Lenox	186642.83	2976186.88	X	X	--	--
5B	EA36	EA36-S/T_15/16	34-1	Lenox	186913.04	2976191.62	X	X	--	--
5B	EA36	EA36-S/T_4/5	34-1	Lenox	186349.16	2976181.8	X	X	--	--
5B	EA36	EA36-S_3/4	34-1	Lenox	186323.75	2976215.26	D	X	--	--
5B	EA36	EA36-S_5/6	34-1	Lenox	186411.89	2976223.12	X	X	--	--
5B	EA36	EA36-T/U_12	34-1	Lenox	186733.83	2976137.62	X	X	--	--
5B	EA36	EA36-T/U_14	34-1	Lenox	186842.55	2976130.09	X	X	--	--
5B	EA36	EA36-T/U_15/16	34-1	Lenox	186918.58	2976133.09	X	X	--	--
5B	EA36	EA36-T/U_16/17	34-1	Lenox	186963.75	2976150.9	X	X	--	--
5B	EA36	EA36-T/U_8/9	34-1	Lenox	186559.14	2976135.17	X	X	--	--
5B	EA36	EA36-T_13	34-1	Lenox	186775.36	2976155.43	X	X	--	--
5B	EA36	EA36-T_9/10	34-1	Lenox	186602.64	2976169.43	X	X	--	--
5B	EA36	EA36-U/V_10	34-1	Lenox	186648.42	2976084.59	X	X	--	--
5B	EA36	EA36-V/W_13/14	34-1	Lenox	186822.64	2976037.85	X	X	--	--
5B	EA36	EA36-V/W_16	34-1	Lenox	186925.63	2976029.88	D	X	--	--
5B	EA36	EA36-V/W_18	34-1	Lenox	187032.79	2976046.15	X	X	--	--
5B	EA36	EA36-V/W_8/9	34-1	Lenox	186550.72	2976051.37	X	X	--	--
5B	EA36	EA36-V_15/16	34-1	Lenox	186921.44	2976057.41	D	X	--	--
5B	EA36	EA36-W/X_12	34-1	Lenox	186735.61	2975997.32	X	X	--	--
5B	EA36	EA36-W/X_14	34-1	Lenox	186848.28	2975984.69	X	X	--	--
5B	EA36	EA36-W_10	34-1	Lenox	186648.85	2976025.49	X	X	--	--
5B	EA36	EA36-W_18	34-1	Lenox	187025.43	2976021.08	X	X	--	--
5B	EA36	EA36-X/Y_18	34-1	Lenox	187042.18	2975938.3	X	X	--	--
5B	EA36	EA36-X_17	34-1	Lenox	186989.55	2975964.73	X	X	--	--
5B	EA36	EA36-X_19/20	34-1	Lenox	187105.77	2975970.29	X	X	--	--
5B	EA36	EA36-Y_18/19	34-1	Lenox	187050.17	2975910.55	X	X	--	--
5B	EA36	EA36-Y_21	34-1	Lenox	187185.19	2975905.56	X	X	--	--
5B	EA37	EA37-AA/AB_30/31	29-3	Lenox	186021.87	2974330.32	X	X	--	--
5B	EA37	EA37-AA/Z_46	29-3	Lenox	186797.98	2974393.01	X	X	--	--
5B	EA37	EA37-AA/Z_48	29-3	Lenox	186894.11	2974397.29	X	X	--	--
5B	EA37	EA37-AA/Z_51	29-3	Lenox	187025.49	2974394.57	X	X	--	--
5B	EA37	EA37-AA_33/34	29-3	Lenox	186152.29	2974354.93	X	X	--	--
5B	EA37	EA37-AA_50/51	29-3	Lenox	187024.7	2974360.5	X	X	--	--
5B	EA37	EA37-AB/AC_31/32	29-3	Lenox	186068.24	2974283.93	X	X	X	X
5B	EA37	EA37-AB/AC_32/33	29-3	Lenox	186102.61	2974296.98	D	X	--	--
5B	EA37	EA37-AB_47/48	29-3	Lenox	186871.05	2974316.55	X	X	--	--
5B	EA37	EA37-AC/AD_30	29-3	Lenox	185982.66	2974247.03	X	X	--	--
5B	EA37	EA37-AC/AD_32/33	29-3	Lenox	186105.7	2974235.18	X	X	--	--
5B	EA37	EA37-AC_29	29-3	Lenox	185939.03	2974266.66	X	X	--	--

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Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5B	EA37	EA37-AC_30/31	29-3	Lenox	186023.74	2974272.57	X	X	--	--
5B	EA37	EA37-AD/AE_31	29-3	Lenox	186037.29	2974191.6	X	X	--	--
5B	EA37	EA37-AD/AE_31/32	29-3	Lenox	186059.43	2974192.58	X	X	X	X
5B	EA37	EA37-AD/AE_32/33	29-3	Lenox	186101.48	2974182.82	X	X	--	--
5B	EA37	EA37-AE_28	29-3	Lenox	185897.91	2974163.45	X	X	--	--
5B	EA37	EA37-AE_30	29-3	Lenox	185975.04	2974165.48	X	X	--	--
5B	EA37	EA37-AF/AG_30	29-3	Lenox	185992.1	2974092.7	X	X	--	--
5B	EA37	EA37-AF/AG_31	29-3	Lenox	186029.91	2974096.79	X	X	--	--
5B	EA37	EA37-AF/AG_31/32	29-3	Lenox	186054.37	2974090.9	X	X	X	X
5B	EA37	EA37-AG/AH_26/27	29-3	Lenox	185808.54	2974036.63	D	X	--	--
5B	EA37	EA37-AG_25	29-3	Lenox	185739.07	2974076.61	X	X	--	--
5B	EA37	EA37-AG_28	29-3	Lenox	185895.09	2974065.32	D	X	--	--
5B	EA37	EA37-AH/AI_21/22	29-3	Lenox	185573.01	2973982.72	X	X	--	--
5B	EA37	EA37-AH/AI_23/24	29-3	Lenox	185668.9	2973979.32	X	X	--	--
5B	EA37	EA37-AH/AI_31	29-3	Lenox	186039.58	2973989.3	X	X	X	X
5B	EA37	EA37-AH/AI_31/32	29-3	Lenox	186070.4	2973981.45	X	X	--	--
5B	EA37	EA37-AH_28/29	29-3	Lenox	185912.7	2974024.12	X	X	--	--
5B	EA37	EA37-AH_30/31	29-3	Lenox	186008.96	2974021.62	D	X	--	--
5B	EA37	EA37-AI/AJ_27	29-3	Lenox	185828.91	2973948.13	X	X	--	--
5B	EA37	EA37-AI_25	29-3	Lenox	185744.1	2973953.37	D	X	--	--
5B	EA37	EA37-AI_29	29-3	Lenox	185930.19	2973954.27	X	X	--	--
5B	EA37	EA37-AJ/AK_19/20	29-3	Lenox	185456.85	2973884.85	X	X	--	--
5B	EA37	EA37-AJ/AK_23/24	29-3	Lenox	185663.11	2973880.44	X	X	--	--
5B	EA37	EA37-AJ/AK_25	29-3	Lenox	185738.6	2973892.18	D	X	--	--
5B	EA37	EA37-AJ/AM_29/30	29-3	Lenox	185962.97	2973917.27	X	X	X	X
5B	EA37	EA37-AJ_32	29-3	Lenox	186088.61	2973915.85	X	X	--	--
5B	EA37	EA37-AK/AL_20/21	29-3	Lenox	185514.05	2973849.07	X	X	--	--
5B	EA37	EA37-AK_28	29-3	Lenox	185877.43	2973865.83	X	X	X	X
5B	EA37	EA37-AK_31	29-3	Lenox	186041.42	2973863.57	X	X	--	--
5B	EA37	EA37-AL/AM_26/27	29-3	Lenox	185819.2	2973790.96	D	X	--	--
5B	EA37	EA37-AL/AM_34/35	29-3	Lenox	186224.24	2973780.01	X	X	--	--
5B	EA37	EA37-AL_25/26	29-3	Lenox	185774.76	2973814.33	X	X	X	X
5B	EA37	EA37-AL_27/28	29-3	Lenox	185851.03	2973822.49	D	X	--	--
5B	EA37	EA37-AL_29/30	29-3	Lenox	185954.7	2973811.61	D	X	--	--
5B	EA37	EA37-AL_33	29-3	Lenox	186129.72	2973805.26	D	X	--	--
5B	EA37	EA37-AM/AN_25	29-3	Lenox	185727.2	2973751.79	X	X	--	--
5B	EA37	EA37-AM/AN_28/29	29-3	Lenox	185902.52	2973743.95	D	X	--	--
5B	EA37	EA37-AM/AN_34/35	29-3	Lenox	186206.82	2973747.58	X	X	--	--
5B	EA37	EA37-AM_21/22	29-3	Lenox	185559.82	2973759.11	X	X	--	--
5B	EA37	EA37-AM_24	29-3	Lenox	185682.3	2973759.58	X	X	X	X
5B	EA37	EA37-AM_30/31	29-3	Lenox	186009.8	2973772.52	D	X	--	--
5B	EA37	EA37-AM_31/32	29-3	Lenox	186064.1	2973759.87	X	X	--	--
5B	EA37	EA37-AN/AO_26/27	29-3	Lenox	185811.87	2973683.61	X	X	--	--
5B	EA37	EA37-AN/AO_28	29-3	Lenox	185876.18	2973693.81	X	X	--	--
5B	EA37	EA37-AN/AO_29	29-3	Lenox	185939.03	2973678.23	D	X	--	--
5B	EA37	EA37-AN_22	29-3	Lenox	185588.55	2973711.28	X	X	X	X
5B	EA37	EA37-AN_35/36	29-3	Lenox	186259.96	2973709.32	X	X	--	--
5B	EA37	EA37-AN_36	29-3	Lenox	186280.06	2973710.08	X	X	--	--
5B	EA37	EA37-AO/AP_21/22	29-3	Lenox	185571.1	2973630.22	X	X	--	--
5B	EA37	EA37-AO_20/21	29-3	Lenox	185507.35	2973667.67	X	X	X	X
5B	EA37	EA37-AO_24/25	29-3	Lenox	185705.18	2973669	X	X	--	--
5B	EA37	EA37-AO_32	29-3	Lenox	186094.35	2973667.8	X	X	--	--
5B	EA37	EA37-AO_35	29-3	Lenox	186234.87	2973662.52	X	X	--	--
5B	EA37	EA37-AO_35/36	29-3	Lenox	186272.62	2973666.48	X	X	--	--
5B	EA37	EA37-AP/AQ_24/25	29-3	Lenox	185712.54	2973577.83	X	X	--	--
5B	EA37	EA37-AP_20	29-3	Lenox	185497.1	2973613.99	X	X	--	--
5B	EA37	EA37-AP_29/30	29-3	Lenox	185959.84	2973618.18	X	X	--	--
5B	EA37	EA37-AP_35	29-3	Lenox	186237.03	2973617.21	X	X	--	--
5B	EA37	EA37-AQ/AR_29/30	29-3	Lenox	185962.19	2973532.75	X	X	--	--
5B	EA37	EA37-AQ_31/32	29-3	Lenox	186057.7	2973569.15	D	X	--	--
5B	EA37	EA37-AQ_33	29-3	Lenox	186131.96	2973563.55	X	X	--	--
5B	EA37	EA37-AR/AS_31/32	29-3	Lenox	186050.9	2973495.58	X	X	--	--
5B	EA37	EA37-AS/AT_31	29-3	Lenox	186025.69	2973435.12	X	X	--	--
5B	EA37	EA37-M/N_48/49	29-3	Lenox	186924.32	2975046.84	X	X	--	--
5B	EA37	EA37-N/O_49/50	29-3	Lenox	186950.7	2974990.5	X	X	--	--
5B	EA37	EA37-N_51/52	29-3	Lenox	187050.13	2975012.88	X	X	--	--
5B	EA37	EA37-O/P_51	29-3	Lenox	187039.23	2974940.03	D	X	--	--

**Appendix D**
**Proposed PCB Sample Tracking Matrix for Non-Residential Floodplain Soils**

Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5B	EA37	EA37-O_48	29-3	Lenox	186892.58	2974954.44	X	X	--	--
5B	EA37	EA37-P/Q_48/49	29-3	Lenox	186901.51	2974887.48	X	X	--	--
5B	EA37	EA37-P/Q_52	29-3	Lenox	187091.51	2974899.73	X	X	--	--
5B	EA37	EA37-Q/R_43	29-3	Lenox	186635.07	2974847.08	X	X	--	--
5B	EA37	EA37-Q/R_51/52	29-3	Lenox	187070.05	2974841.7	X	X	--	--
5B	EA37	EA37-Q_41/42	29-3	Lenox	186568.36	2974854.9	X	X	--	--
5B	EA37	EA37-Q_49/50	29-3	Lenox	186950.93	2974875.25	D	X	--	--
5B	EA37	EA37-R/S_45	29-3	Lenox	186740.19	2974791.65	X	X	--	--
5B	EA37	EA37-R_47/48	29-3	Lenox	186866.88	2974818.33	X	X	--	--
5B	EA37	EA37-R_49/50	29-3	Lenox	186968.21	2974807.38	D	X	--	--
5B	EA37	EA37-R_53	29-3	Lenox	187126	2974815.53	X	X	--	--
5B	EA37	EA37-S/T_41/42	29-3	Lenox	186558.04	2974734.07	X	X	--	--
5B	EA37	EA37-S/T_43/44	29-3	Lenox	186661.74	2974733.2	X	X	--	--
5B	EA37	EA37-S/T_47	29-3	Lenox	186826.21	2974739.65	X	X	--	--
5B	EA37	EA37-S/T_53	29-3	Lenox	187126.5	2974729.17	X	X	--	--
5B	EA37	EA37-T/U_36/37	29-3	Lenox	186313.36	2974684.26	X	X	--	--
5B	EA37	EA37-T/U_43/44	29-3	Lenox	186649.41	2974680.76	X	X	--	--
5B	EA37	EA37-T/U_51	29-3	Lenox	187028.43	2974682.26	X	X	--	--
5B	EA37	EA37-T_40/41	29-3	Lenox	186505.59	2974717.1	X	X	--	--
5B	EA37	EA37-T_54	29-3	Lenox	187177.3	2974713.33	X	X	--	--
5B	EA37	EA37-U/V_40/41	29-3	Lenox	186521.08	2974641.44	X	X	--	--
5B	EA37	EA37-U/V_48	29-3	Lenox	186889.65	2974637.35	X	X	--	--
5B	EA37	EA37-U/V_53/54	29-3	Lenox	187170.42	2974628.48	X	X	--	--
5B	EA37	EA37-V/W_37/38	29-3	Lenox	186353.32	2974595.42	X	X	--	--
5B	EA37	EA37-V/W_41/42	29-3	Lenox	186564	2974588.54	X	X	--	--
5B	EA37	EA37-V/W_45/46	29-3	Lenox	186771.29	2974581.1	D	X	--	--
5B	EA37	EA37-V/W_51/52	29-3	Lenox	187066.98	2974588.18	X	X	--	--
5B	EA37	EA37-V_39/40	29-3	Lenox	186452.19	2974619.23	X	X	--	--
5B	EA37	EA37-V_54/55	29-3	Lenox	187224.54	2974612.35	X	X	--	--
5B	EA37	EA37-W/X_40/41	29-3	Lenox	186505.56	2974530.53	X	X	--	--
5B	EA37	EA37-W/X_55	29-3	Lenox	187232.48	2974539.73	X	X	--	--
5B	EA37	EA37-W/X_55/56	29-3	Lenox	187248.22	2974535.71	X	X	--	--
5B	EA37	EA37-W_35/36	29-3	Lenox	186250.31	2974555.54	X	X	--	--
5B	EA37	EA37-W_37	29-3	Lenox	186340.28	2974564.92	X	X	--	--
5B	EA37	EA37-W_43	29-3	Lenox	186643.51	2974561.56	X	X	--	--
5B	EA37	EA37-X/Y_34/35	29-3	Lenox	186207.29	2974491	X	X	--	--
5B	EA37	EA37-X/Y_35/36	29-3	Lenox	186256.87	2974479.34	X	X	--	--
5B	EA37	EA37-X/Y_55	29-3	Lenox	187244.94	2974481.29	X	X	--	--
5B	EA37	EA37-X_35/36	29-3	Lenox	186249.51	2974522.43	X	X	--	--
5B	EA37	EA37-X_42	29-3	Lenox	186575.56	2974509.8	D	X	--	--
5B	EA37	EA37-X_45	29-3	Lenox	186725.7	2974510.43	D	X	--	--
5B	EA37	EA37-X_49	29-3	Lenox	186935.3	2974504.73	D	X	--	--
5B	EA37	EA37-X_54	29-3	Lenox	187192.14	2974513.33	X	X	--	--
5B	EA37	EA37-Y/Z_34/35	29-3	Lenox	186211.77	2974443.71	X	X	--	--
5B	EA37	EA37-Y/Z_39	29-3	Lenox	186426.37	2974442.38	X	X	--	--
5B	EA37	EA37-Y/Z_40	29-3	Lenox	186491.43	2974449.1	X	X	--	--
5B	EA37	EA37-Y/Z_40/41	29-3	Lenox	186519.15	2974430.34	X	X	--	--
5B	EA37	EA37-Y/Z_42/43	29-3	Lenox	186616.43	2974448.57	X	X	--	--
5B	EA37	EA37-Y/Z_44/45	29-3	Lenox	186712.41	2974451.23	X	X	--	--
5B	EA37	EA37-Y/Z_52/53	29-3	Lenox	187114.03	2974439.61	X	X	--	--
5B	EA37	EA37-Y/Z_54/55	29-3	Lenox	187200.59	2974440.37	X	X	--	--
5B	EA37	EA37-Y_36/37	29-3	Lenox	186309.76	2974476.64	X	X	--	--
5B	EA37	EA37-Y_38/39	29-3	Lenox	186400.52	2974458.04	X	X	--	--
5B	EA37	EA37-Y_46	29-3	Lenox	186785.46	2974468.43	D	X	--	--
5B	EA37	EA37-Y_50	29-3	Lenox	186988.02	2974464.36	X	X	--	--
5B	EA37	EA37-Z_52/53	29-3	Lenox	187120.81	2974406.58	X	X	--	--
5B	EA38	EA38-A/B_22/23	29-9	Lenox	187218.74	2975127.08	X	X	--	--
5B	EA38	EA38-AA/AB_5/6	29-9	Lenox	186372.57	2973829.09	X	X	--	--
5B	EA38	EA38-AA/AB_7	29-9	Lenox	186448.33	2973840.2	X	X	--	--
5B	EA38	EA38-AA/Z_6/7	29-9	Lenox	186423.72	2973886.65	X	X	--	--
5B	EA38	EA38-AC/AD_6/7	29-9	Lenox	186414.23	2973727.12	X	X	--	--
5B	EA38	EA38-AC_5/6	29-9	Lenox	186371.01	2973757.69	X	X	--	--
5B	EA38	EA38-AC_6/7	29-9	Lenox	186408.65	2973775.33	X	X	--	--
5B	EA38	EA38-AD/AE_5/6	29-9	Lenox	186372.29	2973688.91	D	X	--	--
5B	EA38	EA38-AF/AG_5/6	29-9	Lenox	186356.21	2973588.02	X	X	--	--
5B	EA38	EA38-B/C_21	29-9	Lenox	187128.87	2975101.57	X	X	--	--
5B	EA38	EA38-C/D_21	29-9	Lenox	187144.48	2975040.25	X	X	--	--

**Appendix D**
**Proposed PCB Sample Tracking Matrix for Non-Residential Floodplain Soils**

Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5B	EA38	EA38-C_22	29-9	Lenox	187194.24	2975068.62	D	X	--	--
5B	EA38	EA38-D/E_27	29-9	Lenox	187447.62	2974997.68	D	X	--	--
5B	EA38	EA38-D_22/23	29-9	Lenox	187222.38	2975021.71	X	X	--	--
5B	EA38	EA38-E/F_22/23	29-9	Lenox	187222.27	2974928.48	X	X	--	--
5B	EA38	EA38-E/F_25/26	29-9	Lenox	187371.22	2974944.06	X	X	--	--
5B	EA38	EA38-E_21/22	29-9	Lenox	187171.3	2974955.58	X	X	--	--
5B	EA38	EA38-F/G_25	29-9	Lenox	187324.88	2974879.4	X	X	--	--
5B	EA38	EA38-G/H_23/24	29-9	Lenox	187259.84	2974834.93	X	X	--	--
5B	EA38	EA38-G_22/23	29-9	Lenox	187220.02	2974867.52	D	X	--	--
5B	EA38	EA38-G_24	29-9	Lenox	187275.16	2974870.13	X	X	--	--
5B	EA38	EA38-H_29/30	29-9	Lenox	187562.13	2974821.82	X	X	--	--
5B	EA38	EA38-H_30	29-9	Lenox	187589.53	2974814.72	X	X	--	--
5B	EA38	EA38-I/J_26	29-9	Lenox	187391.56	2974728.48	X	X	--	--
5B	EA38	EA38-I_23/24	29-9	Lenox	187271.63	2974772.36	X	X	--	--
5B	EA38	EA38-J_24/25	29-9	Lenox	187300.3	2974723.54	X	X	--	--
5B	EA38	EA38-J_28	29-9	Lenox	187487.66	2974726.32	X	X	--	--
5B	EA38	EA38-K/L_25	29-9	Lenox	187339.06	2974649.91	X	X	--	--
5B	EA38	EA38-K/L_28/29	29-9	Lenox	187519.33	2974628.73	X	X	--	--
5B	EA38	EA38-K/L_29	29-9	Lenox	187544.22	2974631.71	X	X	--	--
5B	EA38	EA38-L/M_27/28	29-9	Lenox	187451.46	2974579.12	X	X	--	--
5B	EA38	EA38-L_27	29-9	Lenox	187435.49	2974625.72	X	X	--	--
5B	EA38	EA38-M/N_25/26	29-9	Lenox	187365.14	2974531.96	X	X	--	--
5B	EA38	EA38-N/O_26	29-9	Lenox	187390.54	2974490.29	X	X	--	--
5B	EA38	EA38-N/O_27	29-9	Lenox	187434.38	2974484.82	X	X	--	--
5B	EA38	EA38-N/O_29	29-9	Lenox	187542.12	2974486.63	X	X	--	--
5B	EA38	EA38-N_27/28	29-9	Lenox	187464.84	2974519.89	D	X	--	--
5B	EA38	EA38-N_29/30	29-9	Lenox	187549.77	2974516.7	X	X	--	--
5B	EA38	EA38-O/P_28	29-9	Lenox	187486.5	2974431.12	X	X	--	--
5B	EA38	EA38-O/P_29/30	29-9	Lenox	187573.51	2974447.66	X	X	--	--
5B	EA38	EA38-P/Q_26/27	29-9	Lenox	187412.11	2974391.47	X	X	--	--
5B	EA38	EA38-P/Q_29	29-9	Lenox	187527.13	2974397.06	X	X	--	--
5B	EA38	EA38-P_25	29-9	Lenox	187325.84	2974422.09	X	X	--	--
5B	EA38	EA38-Q/R_10	29-9	Lenox	186581.58	2974328.71	X	X	--	--
5B	EA38	EA38-Q/R_10/11	29-9	Lenox	186619.96	2974347.47	X	X	--	--
5B	EA38	EA38-Q/R_23	29-9	Lenox	187226.98	2974329	X	X	--	--
5B	EA38	EA38-Q_24	29-9	Lenox	187281.15	2974356.95	D	X	--	--
5B	EA38	EA38-R/S_11	29-9	Lenox	186634.83	2974277.09	D	X	--	--
5B	EA38	EA38-R/S_12/13	29-9	Lenox	186724.68	2974285.44	X	X	--	--
5B	EA38	EA38-R/S_21	29-9	Lenox	187147.29	2974297.2	X	X	--	--
5B	EA38	EA38-R/S_25	29-9	Lenox	187334.17	2974302.57	D	X	--	--
5B	EA38	EA38-R_4/5	29-9	Lenox	186310.03	2974309.11	X	X	--	--
5B	EA38	EA38-R_6	29-9	Lenox	186397.21	2974312.43	X	X	--	--
5B	EA38	EA38-R_8/9	29-9	Lenox	186500.64	2974312.35	X	X	--	--
5B	EA38	EA38-S/T_10/11	29-9	Lenox	186612.87	2974231.3	X	X	--	--
5B	EA38	EA38-S/T_15	29-9	Lenox	186846.89	2974232.91	X	X	--	--
5B	EA38	EA38-S/T_19	29-9	Lenox	187038.71	2974250.27	X	X	--	--
5B	EA38	EA38-S/T_21	29-9	Lenox	187129.73	2974230.77	X	X	--	--
5B	EA38	EA38-S/T_23/24	29-9	Lenox	187253.21	2974241.87	X	X	--	--
5B	EA38	EA38-S/T_7	29-9	Lenox	186441.25	2974242.03	X	X	--	--
5B	EA38	EA38-S/T_9	29-9	Lenox	186538.12	2974230.9	X	X	--	--
5B	EA38	EA38-T/U_2/3	29-9	Lenox	186215.4	2974198.37	X	X	--	--
5B	EA38	EA38-T_17	29-9	Lenox	186936.26	2974213.61	X	X	--	--
5B	EA38	EA38-T_22/23	29-9	Lenox	187218.65	2974221.82	X	X	--	--
5B	EA38	EA38-T_24/25	29-9	Lenox	187305.53	2974206.97	X	X	--	--
5B	EA38	EA38-T_3/4	29-9	Lenox	186266.11	2974209.77	X	X	--	--
5B	EA38	EA38-U/V_21/22	29-9	Lenox	187150.47	2974152.13	X	X	--	--
5B	EA38	EA38-U/V_9/10	29-9	Lenox	186550.99	2974141.4	X	X	--	--
5B	EA38	EA38-U_5	29-9	Lenox	186335.43	2974175.92	D	X	--	--
5B	EA38	EA38-U_7	29-9	Lenox	186443.84	2974168.14	X	X	--	--
5B	EA38	EA38-V/W_5/6	29-9	Lenox	186361.96	2974102.06	X	X	--	--
5B	EA38	EA38-V/W_8/9	29-9	Lenox	186508.41	2974092.16	D	X	--	--
5B	EA38	EA38-V_13	29-9	Lenox	186747.03	2974108.1	X	X	--	--
5B	EA38	EA38-V_15	29-9	Lenox	186845.21	2974122.87	X	X	--	--
5B	EA38	EA38-V_24/25	29-9	Lenox	187310.27	2974115.35	X	X	--	--
5B	EA38	EA38-W/X_2/3	29-9	Lenox	186207.63	2974028.85	D	X	--	--
5B	EA38	EA38-W_10	29-9	Lenox	186576.09	2974075.21	X	X	--	--
5B	EA38	EA38-W_15/16	29-9	Lenox	186866.99	2974073.03	X	X	--	--

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Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5B	EA38	EA38-W_2	29-9	Lenox	186189.81	2974076.89	X	X	--	--
5B	EA38	EA38-W_3/4	29-9	Lenox	186263.15	2974074.73	X	X	--	--
5B	EA38	EA38-X_5/6	29-9	Lenox	186373.43	2974010.3	D	X	--	--
5B	EA38	EA38-Y/Z_3	29-9	Lenox	186238.56	2973951.74	X	X	--	--
5B	EA38	EA38-Y/Z_8	29-9	Lenox	186491.02	2973950.68	X	X	--	--
5B	EA38	EA38-Y_1/2	29-9	Lenox	186170.44	2973973.82	X	X	--	--
5B	EA38	EA38-Y_7/8	29-9	Lenox	186468.87	2973973.85	D	X	--	--
5B	EA38	EA38-Z_3/4	29-9	Lenox	186250.18	2973907.93	X	X	--	--
5B	EA39	EA39-H/I_29	29-2	Lenox	185525.9	2973438.63	X	X	--	--
5B	EA39	EA39-H_30/31	29-2	Lenox	185600.43	2973472.91	X	X	--	--
5B	EA39	EA39-I/J_28/29	29-2	Lenox	185515.67	2973377.1	X	X	X	X
5B	EA39	EA39-I/J_34/35	29-2	Lenox	185808.35	2973381.54	X	X	--	--
5B	EA39	EA39-I/J_35	29-2	Lenox	185834.51	2973398.99	X	X	--	--
5B	EA39	EA39-J/K_32	29-2	Lenox	185691.93	2973342.43	X	X	--	--
5B	EA39	EA39-J/K_35	29-2	Lenox	185825.2	2973333.99	X	X	--	--
5B	EA39	EA39-K/L_25	29-2	Lenox	185347.34	2973278.2	X	X	--	--
5B	EA39	EA39-K/L_29	29-2	Lenox	185544.51	2973284.38	X	X	X	X
5B	EA39	EA39-L_24	29-2	Lenox	185286.94	2973258.09	X	X	--	--
5B	EA39	EA39-M/N_25	29-2	Lenox	185336.02	2973188.13	X	X	--	--
5B	EA39	EA39-M_22	29-2	Lenox	185193.83	2973223.27	X	X	--	--
5B	EA39	EA39-N_20/21	29-2	Lenox	185117.5	2973166.11	X	X	--	--
5B	EA39	EA39-O/P_20/21	29-2	Lenox	185116.18	2973085.24	X	X	--	--
5B	EA39	EA39-P/Q_22/23	29-2	Lenox	185224.21	2973038.95	X	X	--	--
5B	EA40	EA40-AA/AB_19	29-2	Lenox	185040.14	2972481.28	D	X	--	--
5B	EA40	EA40-AA_16/17	29-2	Lenox	184900.61	2972506.13	X	X	--	--
5B	EA40	EA40-AA_20/21	29-2	Lenox	185105.26	2972507.44	X	X	--	--
5B	EA40	EA40-AB/AC_15/16	29-2	Lenox	184852.25	2972447.85	D	X	--	--
5B	EA40	EA40-AB_12	29-2	Lenox	184690.71	2972468.63	X	X	--	--
5B	EA40	EA40-AC/AD_16/17	29-2	Lenox	184900.53	2972383.72	D	X	--	--
5B	EA40	EA40-AC_20	29-2	Lenox	185086.52	2972414.98	X	X	--	--
5B	EA40	EA40-AC_22	29-2	Lenox	185187	2972419.69	D	X	--	--
5B	EA40	EA40-AD/AE_19	29-2	Lenox	185025.53	2972344.37	D	X	--	--
5B	EA40	EA40-AD/AE_8	29-2	Lenox	184490.35	2972352.79	X	X	--	--
5B	EA40	EA40-AD_10/11	29-2	Lenox	184617.36	2972371.6	X	X	--	--
5B	EA40	EA40-AD_13	29-2	Lenox	184735.09	2972368.16	X	X	--	--
5B	EA40	EA40-AD_23	29-2	Lenox	185229.36	2972360.15	X	X	--	--
5B	EA40	EA40-AD_24	29-2	Lenox	185298.55	2972372.99	X	X	--	--
5B	EA40	EA40-AE/AF_10	29-2	Lenox	184582.14	2972292.05	D	X	--	--
5B	EA40	EA40-AE/AF_17/18	29-2	Lenox	184959.24	2972287.98	D	X	--	--
5B	EA40	EA40-AE/AF_24/25	29-2	Lenox	185320.76	2972279.19	X	X	--	--
5B	EA40	EA40-AE/AF_25	29-2	Lenox	185348.68	2972289.43	X	X	--	--
5B	EA40	EA40-AE_15	29-2	Lenox	184848.37	2972304.28	D	X	--	--
5B	EA40	EA40-AF/AG_12	29-2	Lenox	184684.91	2972251.88	X	X	--	--
5B	EA40	EA40-AF/AG_13	29-2	Lenox	184747.37	2972230.6	X	X	--	--
5B	EA40	EA40-AG/AH_15	29-2	Lenox	184826.82	2972184.73	D	X	--	--
5B	EA40	EA40-AG/AH_9/10	29-2	Lenox	184567.68	2972190.12	X	X	--	--
5B	EA40	EA40-AG_16	29-2	Lenox	184885.65	2972213.51	X	X	--	--
5B	EA40	EA40-AG_18/19	29-2	Lenox	185012.25	2972210.73	X	X	--	--
5B	EA40	EA40-AH_17	29-2	Lenox	184941.36	2972163.4	D	X	--	--
5B	EA40	EA40-AH_22/23	29-2	Lenox	185223.56	2972157.48	X	X	--	--
5B	EA40	EA40-AI/AJ_16/17	29-2	Lenox	184915.98	2972096.54	X	X	--	--
5B	EA40	EA40-AI/AJ_21	29-2	Lenox	185131.09	2972093.12	X	X	--	--
5B	EA40	EA40-AI/AJ_9/10	29-2	Lenox	184570.8	2972094.77	X	X	--	--
5B	EA40	EA40-AI_11/12	29-2	Lenox	184661.93	2972124.62	D	X	--	--
5B	EA40	EA40-AI_13	29-2	Lenox	184733.84	2972121.82	X	X	--	--
5B	EA40	EA40-AI_16	29-2	Lenox	184889.3	2972108.77	X	X	--	--
5B	EA40	EA40-AI_18/19	29-2	Lenox	185018.42	2972105.77	X	X	--	--
5B	EA40	EA40-AI_23	29-2	Lenox	185231.14	2972107.91	X	X	--	--
5B	EA40	EA40-AJ/AK_14/15	29-2	Lenox	184820.11	2972031.25	X	X	--	--
5B	EA40	EA40-AK/AL_11/12	29-2	Lenox	184665.46	2971990.95	X	X	--	--
5B	EA40	EA40-AL_9	29-2	Lenox	184535.35	2971975.31	X	X	--	--
5B	EA40	EA40-AM/AN_14/15	29-2	Lenox	184817.56	2971884.23	X	X	--	--
5B	EA40	EA40-AM_12	29-2	Lenox	184687.57	2971912.11	X	X	--	--
5B	EA40	EA40-AN_10/11	29-2	Lenox	184609.81	2971865.13	X	X	--	--
5B	EA40	EA40-AN_9	29-2	Lenox	184544.86	2971874.17	X	X	--	--
5B	EA40	EA40-AO/AP_14/15	29-2	Lenox	184821.86	2971783.47	X	X	--	--
5B	EA40	EA40-AO/AP_16/17	29-2	Lenox	184920.78	2971781.93	X	X	--	--

**Appendix D**
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Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5B	EA40	EA40-AO_12/13	29-2	Lenox	184710.88	2971814.59	X	X	--	--
5B	EA40	EA40-AP/AQ_20/21	29-2	Lenox	185114.82	2971727.35	X	X	--	--
5B	EA40	EA40-AP_11	29-2	Lenox	184648.69	2971772.81	X	X	--	--
5B	EA40	EA40-AP_19/20	29-2	Lenox	185059.12	2971754.92	X	X	--	--
5B	EA40	EA40-AP_9/10	29-2	Lenox	184574.79	2971775.91	X	X	--	--
5B	EA40	EA40-AQ/AR_11/12	29-2	Lenox	184666.55	2971693.54	X	X	--	--
5B	EA40	EA40-AQ/AR_18	29-2	Lenox	184976.79	2971699.45	X	X	--	--
5B	EA40	EA40-AQ_13/14	29-2	Lenox	184752.43	2971707.46	X	X	--	--
5B	EA40	EA40-AQ_16	29-2	Lenox	184882.84	2971722.3	X	X	--	--
5B	EA40	EA40-AQ_18/19	29-2	Lenox	185005.97	2971725.21	X	X	--	--
5B	EA40	EA40-AQ_19/20	29-2	Lenox	185069.53	2971709.91	X	X	--	--
5B	EA40	EA40-AR_10/11	29-2	Lenox	184612.96	2971654.56	X	X	--	--
5B	EA40	EA40-AR_15	29-2	Lenox	184833.78	2971670.87	X	X	--	--
5B	EA40	EA40-AR_16	29-2	Lenox	184887.31	2971653.14	X	X	--	--
5B	EA40	EA40-AR_9	29-2	Lenox	184546.95	2971669.83	X	X	--	--
5B	EA40	EA40-AS/AT_14/15	29-2	Lenox	184808.91	2971590.54	X	X	--	--
5B	EA40	EA40-AT/AU_13/14	29-2	Lenox	184758.77	2971535.7	X	X	--	--
5B	EA40	EA40-AT_12	29-2	Lenox	184693.48	2971576.68	X	X	--	--
5B	EA40	EA40-AT_15	29-2	Lenox	184831.41	2971568.27	X	X	--	--
5B	EA40	EA40-AT_7/8	29-2	Lenox	184450.09	2971552.99	X	X	--	--
5B	EA40	EA40-AT_8/9	29-2	Lenox	184511.22	2971563.16	X	X	--	--
5B	EA40	EA40-AT_9/10	29-2	Lenox	184561.81	2971564.65	X	X	--	--
5B	EA40	EA40-AU/AV_12	29-2	Lenox	184678.78	2971492.67	D	X	--	--
5B	EA40	EA40-AU/AV_7	29-2	Lenox	184426.33	2971501.78	X	X	--	--
5B	EA40	EA40-AV/AW_13/14	29-2	Lenox	184763.55	2971439.77	X	X	--	--
5B	EA40	EA40-AV/AW_7	29-2	Lenox	184445.66	2971440.47	X	X	--	--
5B	EA40	EA40-AV_10	29-2	Lenox	184587.05	2971476.95	X	X	--	--
5B	EA40	EA40-AV_14/15	29-2	Lenox	184821.76	2971471.23	X	X	--	--
5B	EA40	EA40-AW/AX_11/12	29-2	Lenox	184667.95	2971391.16	X	X	--	--
5B	EA40	EA40-AW/AX_14/15	29-2	Lenox	184820.01	2971392.03	X	X	--	--
5B	EA40	EA40-AW/AX_9	29-2	Lenox	184533.76	2971382.6	X	X	--	--
5B	EA40	EA40-AW_13	29-2	Lenox	184729.96	2971407.08	X	X	--	--
5B	EA40	EA40-AX/AY_14/15	29-2	Lenox	184802.34	2971338.14	D	X	--	--
5B	EA40	EA40-AX/AY_6	29-2	Lenox	184379.41	2971329.68	X	X	--	--
5B	EA40	EA40-AY/AZ_12/13	29-2	Lenox	184704.67	2971288.64	X	X	--	--
5B	EA40	EA40-AY_10	29-2	Lenox	184591.17	2971318.81	X	X	--	--
5B	EA40	EA40-AY_3	29-2	Lenox	184225.16	2971303.59	X	X	--	--
5B	EA40	EA40-AY_6/7	29-2	Lenox	184400.6	2971310.89	D	X	--	--
5B	EA40	EA40-AZ/BA_5/6	29-2	Lenox	184373.49	2971232.28	X	X	--	--
5B	EA40	EA40-AZ_14	29-2	Lenox	184795.49	2971271.77	X	X	--	--
5B	EA40	EA40-AZ_4	29-2	Lenox	184293.41	2971258.53	X	X	--	--
5B	EA40	EA40-AZ_8	29-2	Lenox	184489.85	2971272.87	X	X	--	--
5B	EA40	EA40-BA/BB_12/13	29-2	Lenox	184722.48	2971193.17	X	X	--	--
5B	EA40	EA40-BA/BB_12	29-2	Lenox	184698.96	2971192.26	X	X	--	--
5B	EA40	EA40-BA_10	29-2	Lenox	184577.83	2971210.24	X	X	--	--
5B	EA40	EA40-BA_13/14	29-2	Lenox	184761.38	2971219.77	X	X	--	--
5B	EA40	EA40-BB/BC_13	29-2	Lenox	184732.83	2971138.44	X	X	--	--
5B	EA40	EA40-BB_11/12	29-2	Lenox	184662.92	2971164.02	X	X	--	--
5B	EA40	EA40-BB_4/5	29-2	Lenox	184303.33	2971162.3	X	X	--	--
5B	EA40	EA40-BB_6/7	29-2	Lenox	184419.27	2971165.87	X	X	--	--
5B	EA40	EA40-BB_9	29-2	Lenox	184533.9	2971161.45	X	X	--	--
5B	EA40	EA40-BC/BD_12/13	29-2	Lenox	184720.41	2971082.25	X	X	--	--
5B	EA40	EA40-BC/BD_20/21	29-2	Lenox	185122.28	2971088.59	X	X	--	--
5B	EA40	EA40-BC/BD_3	29-2	Lenox	184235.45	2971085.3	X	X	--	--
5B	EA40	EA40-BC/BD_5/6	29-2	Lenox	184356.35	2971078.69	X	X	--	--
5B	EA40	EA40-BC_21	29-2	Lenox	185148.72	2971113.52	X	X	--	--
5B	EA40	EA40-BD/BE_11/12	29-2	Lenox	184663.1	2971036.92	X	X	--	--
5B	EA40	EA40-BD/BE_8/9	29-2	Lenox	184522.03	2971046.58	X	X	--	--
5B	EA40	EA40-BD_19	29-2	Lenox	185047.41	2971062.12	X	X	--	--
5B	EA40	EA40-BE/BF_10	29-2	Lenox	184593.92	2970984.83	X	X	--	--
5B	EA40	EA40-BE/BF_19	29-2	Lenox	185029.36	2971002.3	X	X	--	--
5B	EA40	EA40-BE/BF_20/21	29-2	Lenox	185102.47	2970999.49	X	X	--	--
5B	EA40	EA40-BE_13	29-2	Lenox	184736.72	2971005.53	X	X	--	--
5B	EA40	EA40-BF/BG_13	29-2	Lenox	184744.53	2970942.41	D	X	--	--
5B	EA40	EA40-BF/BG_16/17	29-2	Lenox	184918.55	2970952.06	D	X	--	--
5B	EA40	EA40-BF/BG_2	29-2	Lenox	184196.12	2970944.24	X	X	X	X
5B	EA40	EA40-BF/BG_3/4	29-2	Lenox	184273.54	2970940.57	X	X	--	--

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Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5B	EA40	EA40-BF_15	29-2	Lenox	184837.28	2970975.22	X	X	--	--
5B	EA40	EA40-BF_18/19	29-2	Lenox	185002.59	2970972.13	X	X	--	--
5B	EA40	EA40-BG/BH_18	29-2	Lenox	184991.36	2970879.42	X	X	--	--
5B	EA40	EA40-BG_11	29-2	Lenox	184648.25	2970926.81	X	X	--	--
5B	EA40	EA40-BG_6/7	29-2	Lenox	184408.73	2970920.65	X	X	--	--
5B	EA40	EA40-BH/BL_1/2	29-2	Lenox	184174.01	2970838.02	X	X	X	X
5B	EA40	EA40-BH/BL_14	29-2	Lenox	184787.95	2970844.49	X	X	--	--
5B	EA40	EA40-BH/BL_17/18	29-2	Lenox	184960.6	2970827.45	X	X	--	--
5B	EA40	EA40-BH_12	29-2	Lenox	184684.23	2970876.67	X	X	--	--
5B	EA40	EA40-BH_2/3	29-2	Lenox	184223.4	2970867.54	X	X	--	--
5B	EA40	EA40-BI/BJ_12/13	29-2	Lenox	184703.24	2970777.03	D	X	--	--
5B	EA40	EA40-BI/BJ_29	29-2	Lenox	185538.7	2970802.37	X	X	--	--
5B	EA40	EA40-BI_10/11	29-2	Lenox	184601.07	2970823.58	X	X	--	--
5B	EA40	EA40-BI_19	29-2	Lenox	185031.6	2970818.94	X	X	--	--
5B	EA40	EA40-BJ/BK_1/2	29-2	Lenox	184167.37	2970737.96	X	X	X	X
5B	EA40	EA40-BJ/BK_30/31	29-2	Lenox	185616.28	2970750.4	X	X	--	--
5B	EA40	EA40-BJ/BK_5	29-2	Lenox	184337.17	2970750.05	X	X	--	--
5B	EA40	EA40-BJ_3/4	29-2	Lenox	184254.52	2970759.97	X	X	--	--
5B	EA40	EA40-BK/BL_19	29-2	Lenox	185038.1	2970679.69	X	X	--	--
5B	EA40	EA40-BK/BL_32	29-2	Lenox	185686.99	2970680.93	X	X	--	--
5B	EA40	EA40-BK/BL_4/5	29-2	Lenox	184321.88	2970688.34	X	X	--	--
5B	EA40	EA40-BK_29	29-2	Lenox	185536.43	2970709.21	X	X	--	--
5B	EA40	EA40-BL/BM_1/2	29-2	Lenox	184174.86	2970638.11	X	X	X	X
5B	EA40	EA40-BL/BM_18/19	29-2	Lenox	185002.23	2970645.77	X	X	--	--
5B	EA40	EA40-BL/BM_19/20	29-2	Lenox	185057.41	2970629.86	X	X	X	X
5B	EA40	EA40-BL/BM_20	29-2	Lenox	185092.31	2970647.63	X	X	X	X
5B	EA40	EA40-BL/BM_28	29-2	Lenox	185484.69	2970627.1	X	X	--	--
5B	EA40	EA40-BL_13	29-2	Lenox	184746.98	2970661.77	X	X	--	--
5B	EA40	EA40-BL_3	29-2	Lenox	184227.41	2970653.24	X	X	--	--
5B	EA40	EA40-BL_30	29-2	Lenox	185582.45	2970669.73	X	X	--	--
5B	EA40	EA40-BL_7	29-2	Lenox	184444.48	2970675.25	X	X	--	--
5B	EA40	EA40-BM/BN_22	29-2	Lenox	185188.22	2970599.74	X	X	X	X
5B	EA40	EA40-BM/BN_24	29-2	Lenox	185288.02	2970578.3	X	X	X	X
5B	EA40	EA40-BM/BN_26	29-2	Lenox	185396.05	2970588.84	X	X	--	--
5B	EA40	EA40-BM/BN_32/33	29-2	Lenox	185718.2	2970602.46	X	X	--	--
5B	EA40	EA40-BM_30/31	29-2	Lenox	185620.93	2970622.26	X	X	--	--
5B	EA40	EA40-BM_5	29-2	Lenox	184345.35	2970626.23	X	X	--	--
5B	EA40	EA40-BM_9	29-2	Lenox	184542.27	2970607.33	X	X	--	--
5B	EA40	EA40-BN/BO_18/19	29-2	Lenox	185016.11	2970540.78	X	X	X	X
5B	EA40	EA40-BN/BO_2	29-2	Lenox	184182.34	2970538.27	X	X	X	X
5B	EA40	EA40-BN/BO_20/21	29-2	Lenox	185109.79	2970539.55	X	X	X	X
5B	EA40	EA40-BN/BO_22/23	29-2	Lenox	185214.74	2970541.71	X	X	X	X
5B	EA40	EA40-BN/BO_30	29-2	Lenox	185597.79	2970538.03	X	X	--	--
5B	EA40	EA40-BN/BO_4/5	29-2	Lenox	184300.51	2970552.1	X	X	--	--
5B	EA40	EA40-BN/BO_5/6	29-2	Lenox	184370.68	2970527.7	X	X	--	--
5B	EA40	EA40-BN_17	29-2	Lenox	184946.7	2970561.58	X	X	--	--
5B	EA40	EA40-BN_28/29	29-2	Lenox	185519.14	2970570.42	X	X	--	--
5B	EA40	EA40-BN_32	29-2	Lenox	185684.54	2970566.72	X	X	--	--
5B	EA40	EA40-BO/BP_17	29-2	Lenox	184942.23	2970499.72	X	X	X	X
5B	EA40	EA40-BO/BP_28	29-2	Lenox	185490.35	2970499.08	X	X	--	--
5B	EA40	EA40-BO/BP_33/34	29-2	Lenox	185769.38	2970501.7	X	X	--	--
5B	EA40	EA40-BO/BP_24/25	29-2	Lenox	185316.02	2970512.21	X	X	X	X
5B	EA40	EA40-BO_26	29-2	Lenox	185397.84	2970517.4	X	X	X	X
5B	EA40	EA40-BP/BQ_16	29-2	Lenox	184894.64	2970451.42	X	X	--	--
5B	EA40	EA40-BP/BQ_19/20	29-2	Lenox	185066.81	2970438.51	X	X	X	X
5B	EA40	EA40-BP/BQ_2	29-2	Lenox	184190.77	2970435.36	X	X	X	X
5B	EA40	EA40-BP/BQ_21/22	29-2	Lenox	185158.59	2970439.4	X	X	X	X
5B	EA40	EA40-BP/BQ_23/24	29-2	Lenox	185259.02	2970432.77	X	X	X	X
5B	EA40	EA40-BP/BQ_25/26	29-2	Lenox	185360.18	2970439.16	X	X	X	X
5B	EA40	EA40-BP/BQ_29	29-2	Lenox	185525.67	2970447.15	X	X	--	--
5B	EA40	EA40-BP/BQ_7/8	29-2	Lenox	184457.26	2970443.13	X	X	--	--
5B	EA40	EA40-BP_31/32	29-2	Lenox	185668.91	2970457.35	X	X	--	--
5B	EA40	EA40-BP_34	29-2	Lenox	185797.83	2970455.48	X	X	--	--
5B	EA40	EA40-BQ_17/18	29-2	Lenox	184963.28	2970412.95	X	X	X	X
5B	EA40	EA40-BQ_27/28	29-2	Lenox	185454.86	2970412.97	X	X	--	--
5B	EA40	EA40-BQ_5	29-2	Lenox	184330.32	2970408.26	D	X	--	--
5B	EA40	EA40-BS/BR_16/17	29-2	Lenox	184914.68	2970332.53	X	X	X	X

**Appendix D**
**Proposed PCB Sample Tracking Matrix for Non-Residential Floodplain Soils**

Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5B	EA40	EA40-BR/BS_18/19	29-2	Lenox	185010.65	2970336.2	X	X	X	X
5B	EA40	EA40-BR/BS_2	29-2	Lenox	184192.34	2970339.85	X	X	X	X
5B	EA40	EA40-BR/BS_20/21	29-2	Lenox	185117.62	2970338.25	X	X	X	X
5B	EA40	EA40-BR/BS_22/23	29-2	Lenox	185211.3	2970337.02	X	X	X	X
5B	EA40	EA40-BR/BS_24/25	29-2	Lenox	185314.19	2970338.29	X	X	X	X
5B	EA40	EA40-BR_31	29-2	Lenox	185630.16	2970373.74	X	X	--	--
5B	EA40	EA40-BR_33	29-2	Lenox	185740.38	2970366.52	X	X	--	--
5B	EA40	EA40-BR_34/35	29-2	Lenox	185816.64	2970373.84	X	X	--	--
5B	EA40	EA40-BS/BT_3	29-2	Lenox	184244.8	2970302.29	X	X	--	--
5B	EA40	EA40-BS/BT_5	29-2	Lenox	184344.56	2970293.48	X	X	--	--
5B	EA40	EA40-BS_15	29-2	Lenox	184831.76	2970321.97	X	X	--	--
5B	EA40	EA40-BT/BU_17/18	29-2	Lenox	184952.69	2970232.94	X	X	X	X
5B	EA40	EA40-BT/BU_19/20	29-2	Lenox	185054.98	2970234.66	X	X	X	X
5B	EA40	EA40-BT/BU_2	29-2	Lenox	184197.87	2970241.12	X	X	X	X
5B	EA40	EA40-BT/BU_21/22	29-2	Lenox	185157.58	2970248.11	X	X	X	X
5B	EA40	EA40-BT/BU_23/24	29-2	Lenox	185266.53	2970251.12	X	X	X	X
5B	EA40	EA40-BT_25	29-2	Lenox	185346.05	2970254.18	X	X	X	X
5B	EA40	EA40-BU/BV_26	29-2	Lenox	185379.7	2970185.63	X	X	--	--
5B	EA40	EA40-BU/BV_32/33	29-2	Lenox	185700.07	2970182.02	X	X	--	--
5B	EA40	EA40-BU_13/14	29-2	Lenox	184771.52	2970226.57	D	X	--	--
5B	EA40	EA40-BV/BW_14	29-2	Lenox	184793.66	2970134.43	X	X	X	X
5C	EA40	EA40-BV/BW_24/25	29-2	Lenox	185319.68	2970149.17	X	X	X	X
5B	EA40	EA40-BV/BW_8/9	29-2	Lenox	184512.91	2970143.12	X	X	X	X
5B	EA40	EA40-BV_15/16	29-2	Lenox	184865.31	2970171.59	X	X	X	X
5B	EA40	EA40-BV_23	29-2	Lenox	185237.95	2970165.79	X	X	X	X
5B	EA40	EA40-BV_3	29-2	Lenox	184243.44	2970173.28	X	X	X	X
5C	EA40	EA40-BV_34/35	29-2	Lenox	185813.32	2970162.36	X	X	--	--
5B	EA40	EA40-BV_5	29-2	Lenox	184341.86	2970166.77	X	X	X	X
5B	EA40	EA40-BV_7	29-2	Lenox	184433.48	2970164.65	X	X	X	X
5B	EA40	EA40-BW/BX_17/18	29-2	Lenox	184949.75	2970102.57	D	X	--	--
5C	EA40	EA40-BW/BX_24	29-2	Lenox	185276.44	2970097.35	X	X	X	X
5C	EA40	EA40-BW/BX_4/5	29-2	Lenox	184318.57	2970092.36	X	X	--	--
5B	EA40	EA40-BW_10/11	29-2	Lenox	184607.64	2970124.76	X	X	X	X
5B	EA40	EA40-BW_12/13	29-2	Lenox	184711.08	2970117.96	X	X	X	X
5C	EA40	EA40-BW_28	29-2	Lenox	185475.51	2970110.48	X	X	--	--
5C	EA40	EA40-BW_8	29-2	Lenox	184474.98	2970123.68	X	X	--	--
5C	EA40	EA40-BX/BY_26	29-2	Lenox	185388.9	2970031.64	X	X	--	--
5C	EA40	EA40-BX_29/30	29-2	Lenox	185550.06	2970067.28	D	X	--	--
5C	EA40	EA40-BX_31/32	29-2	Lenox	185670.04	2970070.43	X	X	--	--
5C	EA40	EA40-BX_7	29-2	Lenox	184447.85	2970054.74	X	X	--	--
5C	EA40	EA40-BY/BZ_12	29-2	Lenox	184681.86	2969983.02	X	X	--	--
5C	EA40	EA40-BY/BZ_33/34	29-2	Lenox	185749.55	2969998.83	X	X	--	--
5C	EA40	EA40-BY/BZ_9/10	29-2	Lenox	184549.92	2970000.87	X	X	--	--
5C	EA40	EA40-BY_30	29-2	Lenox	185593.68	2970004.46	X	X	--	--
5C	EA40	EA40-BZ/CA_2/3	29-2	Lenox	184212.03	2969942.19	X	X	--	--
5C	EA40	EA40-BZ/CA_21/22	29-2	Lenox	185162.18	2969946.58	X	X	--	--
5C	EA40	EA40-BZ_32	29-2	Lenox	185685.6	2969954.07	D	X	--	--
5C	EA40	EA40-CA/CB_15/16	29-2	Lenox	184863.44	2969879.24	X	X	--	--
5C	EA40	EA40-CA/CB_32/33	29-2	Lenox	185701.69	2969901.75	X	X	--	--
5C	EA40	EA40-CA_24	29-2	Lenox	185292.09	2969911.19	X	X	--	--
5C	EA40	EA40-CA_29	29-2	Lenox	185536.17	2969923.99	X	X	--	--
5C	EA40	EA40-CA_9	29-2	Lenox	184546.7	2969918.93	D	X	--	--
5C	EA40	EA40-CB/CC_27/28	29-2	Lenox	185466.52	2969841.21	X	X	--	--
5C	EA40	EA40-CB_30	29-2	Lenox	185592.08	2969871.64	X	X	--	--
5C	EA40	EA40-CC_20	29-2	Lenox	185096.8	2969811.9	X	X	--	--
5C	EA40	EA40-CD/CE_19/20	29-2	Lenox	185069.92	2969733.16	X	X	--	--
5C	EA40	EA40-CD/CE_26/27	29-2	Lenox	185413.12	2969727.88	X	X	--	--
5C	EA40	EA40-CD_29/30	29-2	Lenox	185559.64	2969763.48	D	X	--	--
5C	EA40	EA40-CE/CF_30/31	29-2	Lenox	185609.02	2969698.77	X	X	--	--
5C	EA40	EA40-CF/CG_20	29-2	Lenox	185097.89	2969642.09	X	X	--	--
5C	EA40	EA40-CF/CG_25/26	29-2	Lenox	185351.16	2969633.13	X	X	--	--
5C	EA40	EA40-CF/CG_4/5	29-2	Lenox	184305.11	2969645.94	D	X	--	--
5C	EA40	EA40-CF_13/14	29-2	Lenox	184763.39	2969673.18	D	X	--	--
5C	EA40	EA40-CH_19	29-2	Lenox	185046.55	2969558.31	X	X	--	--
5C	EA40	EA40-CH_2/3	29-2	Lenox	184214.96	2969553.98	D	X	--	--
5C	EA40	EA40-CH_28/29	29-2	Lenox	185508.07	2969556.46	X	X	--	--
5C	EA40	EA40-CI_25/26	29-2	Lenox	185368.95	2969517.57	X	X	--	--

**Appendix D**
**Proposed PCB Sample Tracking Matrix for Non-Residential Floodplain Soils**

Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5C	EA40	EA40-CI_6/7	29-2	Lenox	184401.72	2969526.28	X	X	--	--
5C	EA40	EA40-CJ_23	29-2	Lenox	185229.88	2969454.12	X	X	--	--
5C	EA40	EA40-CJ_27	29-2	Lenox	185431.73	2969460.85	X	X	--	--
5C	EA40	EA40-CK/CL_12	29-2	Lenox	184696.41	2969381.65	X	X	--	--
5C	EA40	EA40-CK/CL_19	29-2	Lenox	185030.46	2969387.84	X	X	--	--
5C	EA40	EA40-CL/CM_21	29-2	Lenox	185125.6	2969343.45	X	X	--	--
5C	EA40	EA40-CL/CM_3	29-2	Lenox	184242.92	2969329.62	X	X	--	--
5C	EA40	EA40-CL_23	29-2	Lenox	185240.84	2969374.25	X	X	--	--
5C	EA40	EA40-CL_25/26	29-2	Lenox	185351.49	2969355.87	X	X	--	--
5C	EA40	EA40-CM/CN_21	29-2	Lenox	185125.42	2969284.43	X	X	--	--
5C	EA40	EA40-CN/CO_19/20	29-2	Lenox	185056.21	2969242.13	X	X	--	--
5C	EA40	EA40-CN_24	29-2	Lenox	185277.42	2969276.96	X	X	--	--
5C	EA40	EA40-CN_7	29-2	Lenox	184443.43	2969269.05	D	X	--	--
5C	EA40	EA40-CO/CP_16/17	29-2	Lenox	184907.73	2969200.19	X	X	--	--
5C	EA40	EA40-CO/CP_17/18	29-2	Lenox	184961.51	2969187.51	X	X	--	--
5C	EA40	EA40-CO_22	29-2	Lenox	185192.76	2969206.46	D	X	--	--
5C	EA40	EA40-CP/CQ_20/21	29-2	Lenox	185100.45	2969135.04	X	X	--	--
5C	EA40	EA40-CQ/CR_15/16	29-2	Lenox	184869.85	2969093.31	X	X	--	--
5C	EA40	EA40-CQ/CR_16/17	29-2	Lenox	184914.62	2969086.51	X	X	--	--
5C	EA40	EA40-CQ/CR_9/10	29-2	Lenox	184560.08	2969094.78	X	X	--	--
5C	EA40	EA40-CQ_4	29-2	Lenox	184294.26	2969124.03	X	X	--	--
5C	EA40	EA40-CR_18/19	29-2	Lenox	184999.21	2969065.71	X	X	--	--
5C	EA40	EA40-CS/CT_14	29-2	Lenox	184786.62	2968992.14	X	X	--	--
5C	EA40	EA40-CS/CT_16	29-2	Lenox	184894.93	2969000.63	X	X	--	--
5C	EA40	EA40-CS/CT_5	29-2	Lenox	184348.21	2968998.01	X	X	--	--
5C	EA40	EA40-CU/CV_13/14	29-2	Lenox	184762.79	2968901.45	X	X	--	--
5C	EA40	EA40-CU_12	29-2	Lenox	184686.61	2968912.46	X	X	--	--
5C	EA40	EA40-CV/CW_11/12	29-2	Lenox	184672.88	2968839.76	D	X	--	--
5C	EA40	EA40-CV/CW_5	29-2	Lenox	184341.36	2968838.05	X	X	--	--
5C	EA40	EA40-CV_7	29-2	Lenox	184443.27	2968867.12	X	X	--	--
5C	EA40	EA40-CW/CX_10/11	29-2	Lenox	184609.16	2968783.09	X	X	--	--
5C	EA40	EA40-CW/CX_8	29-2	Lenox	184493.02	2968801.1	D	X	--	--
5C	EA40	EA40-CX/CY_3/4	29-2	Lenox	184266.01	2968733.86	X	X	--	--
5C	EA40	EA40-CX/CY_6	29-2	Lenox	184377.98	2968738.75	X	X	--	--
5C	EA40	EA40-CY_8/9	29-2	Lenox	184500.54	2968705.37	X	X	--	--
5C	EA40	EA40-DA/DB_4/5	29-2	Lenox	184308.19	2968599.79	X	X	--	--
5C	EA40	EA40-DA_7	29-2	Lenox	184434.82	2968621.05	X	X	--	--
5C	EA40	EA40-DB/DC_3/4	29-2	Lenox	184251.71	2968552.73	X	X	--	--
5C	EA40	EA40-DC_7/8	29-2	Lenox	184449.06	2968519.7	X	X	--	--
5C	EA40	EA40-DD/DE_3/4	29-2	Lenox	184263.33	2968427.92	X	X	--	--
5C	EA40	EA40-DD/DE_9/10	29-2	Lenox	184564.25	2968443.49	X	X	--	--
5C	EA40	EA40-DD_4/5	29-2	Lenox	184313.62	2968476.01	X	X	--	--
5C	EA40	EA40-DE/DF_15	29-2	Lenox	184839.28	2968381.99	X	X	--	--
5C	EA40	EA40-DE/DF_9/10	29-2	Lenox	184567.26	2968377.4	X	X	--	--
5C	EA40	EA40-DE_11/12	29-2	Lenox	184651.5	2968403.09	X	X	--	--
5C	EA40	EA40-DE_17	29-2	Lenox	184940.87	2968411.45	X	X	--	--
5C	EA40	EA40-DE_19	29-2	Lenox	185040.41	2968407.68	X	X	--	--
5C	EA40	EA40-DE_8	29-2	Lenox	184475.82	2968421.63	D	X	--	--
5C	EA40	EA40-DF/DG_5	29-2	Lenox	184331.1	2968346.26	X	X	--	--
5C	EA40	EA40-DF/DG_8	29-2	Lenox	184487.59	2968327.68	X	X	--	--
5C	EA40	EA40-DF_10	29-2	Lenox	184596.32	2968353.31	X	X	--	--
5C	EA40	EA40-DF_13	29-2	Lenox	184747.68	2968375.62	X	X	--	--
5C	EA40	EA40-DF_18	29-2	Lenox	184991.33	2968367.26	X	X	--	--
5C	EA40	EA40-DG/DH_13	29-2	Lenox	184727.9	2968278.02	X	X	--	--
5C	EA40	EA40-DG/DH_9/10	29-2	Lenox	184552.76	2968287.31	X	X	--	--
5C	EA40	EA40-DG_12	29-2	Lenox	184694.48	2968304.6	X	X	--	--
5C	EA40	EA40-DG_14	29-2	Lenox	184793.7	2968312.33	X	X	--	--
5C	EA40	EA40-DG_16/17	29-2	Lenox	184905.94	2968323.51	X	X	--	--
5C	EA40	EA40-DG_20	29-2	Lenox	185090.71	2968314.1	X	X	--	--
5C	EA40	EA40-DG_4	29-2	Lenox	184275.44	2968311.89	X	X	--	--
5C	EA40	EA40-DG_7	29-2	Lenox	184428.84	2968321.38	X	X	--	--
5C	EA40	EA40-DH/DI_11/12	29-2	Lenox	184674.44	2968227.45	X	X	--	--
5C	EA40	EA40-DH_10	29-2	Lenox	184586.29	2968268.19	X	X	--	--
5C	EA40	EA40-DH_18	29-2	Lenox	184986.92	2968272.06	X	X	--	--
5C	EA40	EA40-DH_19/20	29-2	Lenox	185062.46	2968258.8	X	X	--	--
5C	EA40	EA40-DI_13/14	29-2	Lenox	184763.15	2968206.22	X	X	--	--
5C	EA40	EA40-DI_15/16	29-2	Lenox	184851.69	2968223.09	X	X	--	--

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Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5C	EA40	EA40-DI_20/21	29-2	Lenox	185110.8	2968208.46	X	X	--	--
5C	EA40	EA40-DJ_13	29-2	Lenox	184725.63	2968153.81	X	X	--	--
5C	EA40	EA40-DJ_19/20	29-2	Lenox	185069.38	2968163.94	D	X	--	--
5C	EA40	EA40-DK/DL_14	29-2	Lenox	184775.34	2968092.06	X	X	--	--
5C	EA40	EA40-DK_20/21	29-2	Lenox	185113.37	2968113.88	X	X	--	--
5C	EA40	EA40-DL_19	29-2	Lenox	185047.48	2968067.27	X	X	--	--
5C	EA40	EA40-DM_18	29-2	Lenox	184978.71	2968017.84	X	X	--	--
5C	EA40	EA40-DM_20	29-2	Lenox	185085.85	2968022.63	D	X	--	--
5C	EA40	EA40-DN/DO_17	29-2	Lenox	184941.72	2967951.65	X	X	--	--
5C	EA40	EA40-DN/DO_19	29-2	Lenox	185035.48	2967948.85	X	X	--	--
5B	EA40	EA40-O/P_19	29-2	Lenox	185035.43	2973090.66	X	X	--	--
5B	EA40	EA40-P/Q_11/12	29-1	Lenox	185370.56	2972600.31	X	X	--	--
5B	EA40	EA40-P/Q_20/21	29-2	Lenox	185123.73	2973037.23	X	X	--	--
5B	EA40	EA40-P_19/20	29-2	Lenox	185068.82	2973072.99	X	X	--	--
5B	EA40	EA40-Q/R_18	29-2	Lenox	184979	2972983.97	X	X	--	--
5B	EA40	EA40-Q/R_21/22	29-2	Lenox	185150.25	2972979.27	X	X	--	--
5B	EA40	EA40-Q_21	29-2	Lenox	185125.13	2973014.22	X	X	--	--
5B	EA40	EA40-R/S_16	29-2	Lenox	184877.92	2972930.22	X	X	--	--
5B	EA40	EA40-R/S_24	29-2	Lenox	185282.91	2972951.3	X	X	--	--
5B	EA40	EA40-R_19	29-2	Lenox	185046.47	2972965.79	X	X	--	--
5B	EA40	EA40-R_23	29-2	Lenox	185227.05	2972957.99	X	X	--	--
5B	EA40	EA40-S/T_17/18	29-2	Lenox	184962.87	2972887.59	D	X	--	--
5B	EA40	EA40-S/T_20/21	29-2	Lenox	185105.41	2972878.48	X	X	--	--
5B	EA40	EA40-S/T_21	29-2	Lenox	185127.66	2972889.19	X	X	--	--
5B	EA40	EA40-S/T_21/22	29-2	Lenox	185160.47	2972899.26	X	X	--	--
5B	EA40	EA40-S/T_25/26	29-2	Lenox	185361.43	2972890.6	X	X	--	--
5B	EA40	EA40-T/U_12	29-2	Lenox	184679.28	2972835.3	X	X	--	--
5B	EA40	EA40-T/U_24/25	29-2	Lenox	185320.5	2972844.28	X	X	--	--
5B	EA40	EA40-T/U_26/27	29-2	Lenox	185407.72	2972831.86	D	X	--	--
5B	EA40	EA40-T/U_27/28	29-2	Lenox	185457.46	2972827.48	X	X	--	--
5B	EA40	EA40-T/U_30	29-2	Lenox	185592.3	2972831.32	X	X	--	--
5B	EA40	EA40-T_21/22	29-2	Lenox	185153.67	2972858.41	X	X	--	--
5B	EA40	EA40-T_22	29-2	Lenox	185181.29	2972864.53	X	X	--	--
5B	EA40	EA40-T_23	29-2	Lenox	185236.73	2972870.73	X	X	--	--
5B	EA40	EA40-T_24/25	29-2	Lenox	185317.41	2972875.71	D	X	--	--
5B	EA40	EA40-U/V_16/17	29-2	Lenox	184916.7	2972802.67	D	X	--	--
5B	EA40	EA40-U/V_26/27	29-2	Lenox	185408.32	2972789.72	X	X	--	--
5B	EA40	EA40-U/V_29/30	29-2	Lenox	185568.9	2972777.49	D	X	--	--
5B	EA40	EA40-U/V_31	29-2	Lenox	185637.25	2972802.25	X	X	--	--
5B	EA40	EA40-U_18/19	29-2	Lenox	185018.93	2972821.16	X	X	--	--
5B	EA40	EA40-U_19/20	29-2	Lenox	185054.8	2972806.07	X	X	--	--
5B	EA40	EA40-U_28/29	29-2	Lenox	185510.2	2972816.31	X	X	--	--
5B	EA40	EA40-V/W_18/19	29-2	Lenox	185023.76	2972742.07	D	X	--	--
5B	EA40	EA40-V/W_19/20	29-2	Lenox	185059.98	2972744.59	X	X	--	--
5B	EA40	EA40-V/W_28/29	29-2	Lenox	185524.63	2972750.22	X	X	--	--
5B	EA40	EA40-V/W_32	29-2	Lenox	185684.28	2972748.31	X	X	--	--
5B	EA40	EA40-V_31	29-2	Lenox	185632.87	2972757.22	X	X	--	--
5B	EA40	EA40-W/X_17	29-2	Lenox	184940.39	2972701.1	X	X	--	--
5B	EA40	EA40-W/X_27	29-2	Lenox	185438.17	2972680.26	X	X	--	--
5B	EA40	EA40-W/X_31	29-2	Lenox	185624.96	2972681.37	X	X	--	--
5B	EA40	EA40-W_26	29-2	Lenox	185387.91	2972720.72	X	X	--	--
5B	EA40	EA40-W_28	29-2	Lenox	185476.01	2972726.9	X	X	--	--
5B	EA40	EA40-X/Y_29/30	29-2	Lenox	185562.75	2972638.63	X	X	--	--
5B	EA40	EA40-X_28	29-2	Lenox	185480.48	2972661.79	X	X	--	--
5B	EA40	EA40-X_29	29-2	Lenox	185542.08	2972669.84	X	X	--	--
5B	EA40	EA40-Y/Z_20	29-2	Lenox	185088.6	2972601.67	X	X	--	--
5B	EA40	EA40-Y_14/15	29-2	Lenox	184810.58	2972608.62	X	X	--	--
5B	EA40	EA40-Y_17/18	29-2	Lenox	184959.27	2972619.82	D	X	--	--
5B	EA40	EA40-Y_19/20	29-2	Lenox	185059.45	2972608.07	X	X	--	--
5B	EA40	EA40-Z_16/17	29-2	Lenox	184902.67	2972575.64	X	X	--	--
5B	EA41	EA41-AB/AC_4/5	29-1	Lenox	185006.82	2971987.4	X	X	--	--
5B	EA41	EA41-AB/AC_5/6	29-1	Lenox	185065.95	2971989.65	X	X	--	--
5B	EA41	EA41-AB/AC_7/8	29-1	Lenox	185154.57	2971978.09	X	X	--	--
5B	EA41	EA41-AB/AC_9/10	29-1	Lenox	185259.45	2971995.32	X	X	--	--
5B	EA41	EA41-AC/AD_3	29-1	Lenox	184941.29	2971951.98	X	X	--	--
5B	EA41	EA41-AC_11	29-1	Lenox	185344.15	2971961	X	X	--	--
5B	EA41	EA41-AC_5	29-1	Lenox	185037.79	2971963.22	D	X	--	--

**Appendix D**
**Proposed PCB Sample Tracking Matrix for Non-Residential Floodplain Soils**

Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5B	EA41	EA41-AD/AE_10	29-1	Lenox	185296.87	2971892.33	X	X	--	--
5B	EA41	EA41-AD_5	29-1	Lenox	185037.85	2971903.03	D	X	--	--
5B	EA41	EA41-AD_6/7	29-1	Lenox	185109.62	2971919.91	X	X	--	--
5B	EA41	EA41-AD_8/9	29-1	Lenox	185204.21	2971913.47	X	X	--	--
5B	EA41	EA41-AE_11/12	29-1	Lenox	185351.72	2971869.06	X	X	--	--
5B	EA41	EA41-AE_4/5	29-1	Lenox	184999.9	2971867.44	X	X	--	--
5B	EA41	EA41-AE_6/7	29-1	Lenox	185103.41	2971865.45	X	X	--	--
5B	EA41	EA41-AE_8/9	29-1	Lenox	185207.32	2971856.97	X	X	--	--
5B	EA41	EA41-AF/AG_10/11	29-1	Lenox	185320.65	2971777.53	X	X	--	--
5B	EA41	EA41-AG/AH_24	29-1	Lenox	185996.31	2971729.12	X	X	--	--
5B	EA41	EA41-AG/AH_26	29-1	Lenox	186096.46	2971731.07	X	X	--	--
5B	EA41	EA41-AG/AH_9/10	29-1	Lenox	185263.91	2971748.27	X	X	--	--
5B	EA41	EA41-AG_11/12	29-1	Lenox	185350.9	2971760.03	X	X	--	--
5B	EA41	EA41-AH/AI_23	29-1	Lenox	185926.63	2971697.09	X	X	--	--
5B	EA41	EA41-AH/AI_26	29-1	Lenox	186078.12	2971681.01	X	X	--	--
5B	EA41	EA41-AH/AI_27/28	29-1	Lenox	186163.06	2971698.24	X	X	--	--
5B	EA41	EA41-AH/AI_9	29-1	Lenox	185247.04	2971686.47	X	X	--	--
5B	EA41	EA41-AI/AJ_7/8	29-1	Lenox	185171.03	2971633.02	X	X	--	--
5B	EA41	EA41-AI_10	29-1	Lenox	185287.93	2971670.81	X	X	--	--
5B	EA41	EA41-AI_11	29-1	Lenox	185329.61	2971664.89	X	X	--	--
5B	EA41	EA41-AJ/AK_4/5	29-1	Lenox	185024.73	2971582.32	X	X	--	--
5B	EA41	EA41-AJ_22/23	29-1	Lenox	185912.45	2971622.57	X	X	--	--
5B	EA41	EA41-AJ_27	29-1	Lenox	186132.24	2971614.73	X	X	--	--
5B	EA41	EA41-AK/AL_3	29-1	Lenox	184934.99	2971537.46	X	X	--	--
5B	EA41	EA41-AK/AL_31/32	29-1	Lenox	186351.4	2971540.89	X	X	--	--
5B	EA41	EA41-AK/AL_4/5	29-1	Lenox	185002.81	2971542.15	X	X	--	--
5B	EA41	EA41-AK_10	29-1	Lenox	185298.22	2971560.07	X	X	--	--
5B	EA41	EA41-AK_6	29-1	Lenox	185086.21	2971572.37	X	X	--	--
5B	EA41	EA41-AK_7/8	29-1	Lenox	185165.39	2971573.82	X	X	--	--
5B	EA41	EA41-AK_9/10	29-1	Lenox	185252.25	2971570.38	X	X	--	--
5B	EA41	EA41-AL/AM_24/25	29-1	Lenox	186014.07	2971478.39	X	X	--	--
5B	EA41	EA41-AL/AM_3	29-1	Lenox	184926.19	2971485.01	X	X	--	--
5B	EA41	EA41-AL/AM_5	29-1	Lenox	185040.69	2971487.77	X	X	--	--
5B	EA41	EA41-AL/AM_7	29-1	Lenox	185140.63	2971486.54	X	X	--	--
5B	EA41	EA41-AL/AM_9	29-1	Lenox	185241.38	2971493.53	X	X	--	--
5B	EA41	EA41-AM/AN_17/18	29-1	Lenox	185666.83	2971446.34	X	X	--	--
5B	EA41	EA41-AM/AN_19/20	29-1	Lenox	185768.11	2971429.72	X	X	--	--
5B	EA41	EA41-AM/AN_8/9	29-1	Lenox	185216.33	2971443.88	X	X	--	--
5B	EA41	EA41-AN/AO_2/3	29-1	Lenox	184916.01	2971378.42	X	X	--	--
5B	EA41	EA41-AN/AO_22/23	29-1	Lenox	185914.17	2971391.61	X	X	--	--
5B	EA41	EA41-AN/AO_6/7	29-1	Lenox	185113.17	2971382.7	X	X	--	--
5B	EA41	EA41-AN_10	29-1	Lenox	185287.18	2971420.26	X	X	--	--
5B	EA41	EA41-AN_3	29-1	Lenox	184942.8	2971416.03	X	X	--	--
5B	EA41	EA41-AN_4/5	29-1	Lenox	185015.74	2971416.33	X	X	--	--
5B	EA41	EA41-AO/AP_27/28	29-1	Lenox	186161.92	2971343.49	X	X	--	--
5B	EA41	EA41-AO/AP_8/9	29-1	Lenox	185202.57	2971352.58	X	X	--	--
5B	EA41	EA41-AO_24	29-1	Lenox	185981.33	2971367.26	X	X	--	--
5B	EA41	EA41-AO_3/4	29-1	Lenox	184974.62	2971360.16	X	X	--	--
5B	EA41	EA41-AP/AQ_2/3	29-1	Lenox	184915.54	2971283.2	X	X	--	--
5B	EA41	EA41-AP/AQ_7	29-1	Lenox	185143.65	2971295.37	X	X	--	--
5B	EA41	EA41-AP/AQ_9/10	29-1	Lenox	185250.95	2971298.07	X	X	--	--
5B	EA41	EA41-AP_19/20	29-1	Lenox	185766.4	2971303.09	X	X	--	--
5B	EA41	EA41-AP_5	29-1	Lenox	185031.18	2971321.08	X	X	--	--
5B	EA41	EA41-AP_8/9	29-1	Lenox	185220.53	2971312.47	X	X	--	--
5B	EA41	EA41-AQ/AR_5/6	29-1	Lenox	185072.39	2971242.45	X	X	--	--
5B	EA41	EA41-AQ/AR_8/9	29-1	Lenox	185208.84	2971243.21	X	X	--	--
5B	EA41	EA41-AQ_4	29-1	Lenox	184991.25	2971258.28	X	X	--	--
5B	EA41	EA41-AR_2/3	29-1	Lenox	184900.81	2971206.91	X	X	--	--
5B	EA41	EA41-AS_4	29-1	Lenox	184983.67	2971172.21	X	X	--	--
5B	EA41	EA41-AT_2/3	29-1	Lenox	184906.97	2971115.26	X	X	--	--
5B	EA41	EA41-B/C_25/26	29-1	Lenox	186071.95	2973285.57	X	X	--	--
5B	EA41	EA41-B/C_29	29-1	Lenox	186236.39	2973284.81	X	X	--	--
5B	EA41	EA41-B_27	29-1	Lenox	186137.61	2973313.23	X	X	--	--
5B	EA41	EA41-C/D_22/23	29-1	Lenox	185918.08	2973239.38	X	X	--	--
5B	EA41	EA41-C/D_25/26	29-1	Lenox	186070.94	2973229.29	X	X	--	--
5B	EA41	EA41-C/D_30	29-1	Lenox	186281.02	2973239.53	X	X	--	--
5B	EA41	EA41-C/D_31	29-1	Lenox	186336.95	2973233.99	X	X	--	--

**Appendix D**
**Proposed PCB Sample Tracking Matrix for Non-Residential Floodplain Soils**

Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5B	EA41	EA41-D/E_31/32	29-1	Lenox	186356.7	2973188.53	X	X	--	--
5B	EA41	EA41-E/F_16	29-1	Lenox	185577.27	2973149.07	X	X	--	--
5B	EA41	EA41-E/F_17	29-1	Lenox	185641.3	2973151.53	X	X	--	--
5B	EA41	EA41-E/F_27	29-1	Lenox	186129.18	2973150.26	X	X	--	--
5B	EA41	EA41-E/F_35/36	29-1-1	Lenox	186569.55	2973136.82	X	X	--	--
5B	EA41	EA41-E_20/21	29-1	Lenox	185800.72	2973175.54	X	X	--	--
5B	EA41	EA41-E_22/23	29-1	Lenox	185900.9	2973174.73	X	X	--	--
5B	EA41	EA41-E_23/24	29-1	Lenox	185950.37	2973157.47	X	X	--	--
5B	EA41	EA41-E_25	29-1	Lenox	186033.71	2973159.39	X	X	--	--
5B	EA41	EA41-E_30/31	29-1	Lenox	186300.14	2973160.13	X	X	--	--
5B	EA41	EA41-E_34/35	29-1-1	Lenox	186510.82	2973172.12	X	X	--	--
5B	EA41	EA41-F/G_21/22	29-1	Lenox	185860.96	2973098.43	X	X	--	--
5B	EA41	EA41-F/G_31/32	29-1	Lenox	186357.35	2973102.1	X	X	--	--
5B	EA41	EA41-F_13/14	29-1	Lenox	185469.53	2973125.63	X	X	--	--
5B	EA41	EA41-F_16/17	29-1	Lenox	185606.19	2973122.14	D	X	--	--
5B	EA41	EA41-F_19/20	29-1	Lenox	185753.13	2973122.05	X	X	--	--
5B	EA41	EA41-F_29/30	29-1	Lenox	186257.75	2973105.19	X	X	--	--
5B	EA41	EA41-G/H_14	29-1	Lenox	185484.29	2973028.01	X	X	--	--
5B	EA41	EA41-G/H_16	29-1	Lenox	185581.9	2973027.15	X	X	--	--
5B	EA41	EA41-G/H_30/31	29-1	Lenox	186302.85	2973027.53	X	X	--	--
5B	EA41	EA41-G_12	29-1	Lenox	185397.43	2973075.99	X	X	--	--
5B	EA41	EA41-G_15	29-1	Lenox	185536.07	2973068.45	X	X	--	--
5B	EA41	EA41-G_17/18	29-1	Lenox	185672.74	2973063.66	X	X	--	--
5B	EA41	EA41-G_20	29-1	Lenox	185779.35	2973059.31	X	X	--	--
5B	EA41	EA41-G_21/22	29-1	Lenox	185851.15	2973058.9	X	X	--	--
5B	EA41	EA41-G_23	29-1	Lenox	185941.48	2973054.03	X	X	--	--
5B	EA41	EA41-H/I_13/14	29-1	Lenox	185453.11	2972994.84	X	X	--	--
5B	EA41	EA41-H/I_30/31	29-1	Lenox	186324.01	2972993.1	X	X	--	--
5B	EA41	EA41-H/I_32/33	29-1	Lenox	186401.16	2972978.26	X	X	--	--
5B	EA41	EA41-H_11/12	29-1	Lenox	185365.74	2973005.98	X	X	--	--
5B	EA41	EA41-H_16/17	29-1	Lenox	185606.23	2973013.1	D	X	--	--
5B	EA41	EA41-H_33/34	29-1	Lenox	186454.46	2973019.72	X	X	--	--
5B	EA41	EA41-I/J_15/16	29-1	Lenox	185563.55	2972934.1	X	X	--	--
5B	EA41	EA41-I/J_16/17	29-1	Lenox	185612.19	2972943.67	X	X	--	--
5B	EA41	EA41-I_12	29-1	Lenox	185396.6	2972975.78	X	X	--	--
5B	EA41	EA41-I_14	29-1	Lenox	185485.69	2972953.4	X	X	--	--
5B	EA41	EA41-I_15	29-1	Lenox	185532	2972967.05	X	X	--	--
5B	EA41	EA41-I_19	29-1	Lenox	185731.78	2972961.62	X	X	--	--
5B	EA41	EA41-I_20/21	29-1	Lenox	185803.09	2972967.42	X	X	--	--
5B	EA41	EA41-J/K_18/19	29-1	Lenox	185707.51	2972891.53	X	X	--	--
5B	EA41	EA41-J/K_21	29-1	Lenox	185842.84	2972890.8	X	X	--	--
5B	EA41	EA41-J_17	29-1	Lenox	185632.7	2972913.68	D	X	--	--
5B	EA41	EA41-K/L_21	29-1	Lenox	185829.64	2972847.94	X	X	--	--
5B	EA41	EA41-L_20	29-1	Lenox	185795.33	2972806.34	X	X	--	--
5B	EA41	EA41-M_20	29-1	Lenox	185795.48	2972762.04	X	X	--	--
5B	EA41	EA41-M_8	29-1	Lenox	185188.31	2972758.13	X	X	--	--
5B	EA41	EA41-N/O_7/8	29-1	Lenox	185165.48	2972678.8	X	X	--	--
5B	EA41	EA41-N_8/9	29-1	Lenox	185215.18	2972712.27	X	X	--	--
5B	EA41	EA41-O/P_10/11	29-1	Lenox	185313.18	2972651.74	X	X	--	--
5B	EA41	EA41-O/P_7/8	29-1	Lenox	185172.78	2972648.18	D	X	--	--
5B	EA41	EA41-Q_10/11	29-1	Lenox	185309.02	2972571.33	X	X	--	--
5B	EA41	EA41-Q_13	29-1	Lenox	185426.05	2972561.5	X	X	--	--
5B	EA41	EA41-Q_8/9	29-1	Lenox	185203.1	2972569.01	X	X	--	--
5B	EA41	EA41-R/S_12	29-1	Lenox	185387.96	2972500.3	D	X	--	--
5B	EA41	EA41-R_11/12	29-1	Lenox	185366.54	2972525.12	X	X	--	--
5B	EA41	EA41-R_13/14	29-1	Lenox	185451.26	2972513.26	X	X	--	--
5B	EA41	EA41-R_15	29-1	Lenox	185542.12	2972524.8	X	X	--	--
5B	EA41	EA41-R_17	29-1	Lenox	185637.1	2972522.55	X	X	--	--
5B	EA41	EA41-R_17/18	29-1	Lenox	185665.39	2972512.67	X	X	--	--
5B	EA41	EA41-S/T_12	29-1	Lenox	185384.54	2972436.33	X	X	--	--
5B	EA41	EA41-S/T_16	29-1	Lenox	185597.17	2972446.65	X	X	--	--
5B	EA41	EA41-S_10/11	29-1	Lenox	185311.9	2972475.3	X	X	--	--
5B	EA41	EA41-S_14	29-1	Lenox	185490.69	2972460.15	X	X	--	--
5B	EA41	EA41-S_15/16	29-1	Lenox	185554.81	2972466.15	X	X	--	--
5B	EA41	EA41-T/U_14	29-1	Lenox	185489.45	2972401.29	X	X	--	--
5B	EA41	EA41-T_13	29-1	Lenox	185436.28	2972419.36	X	X	--	--
5B	EA41	EA41-U/V_13/14	29-1	Lenox	185465.6	2972330.19	X	X	--	--

**Appendix D**
**Proposed PCB Sample Tracking Matrix for Non-Residential Floodplain Soils**

Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5B	EA41	EA41-U_14/15	29-1	Lenox	185503.05	2972361.57	X	X	--	--
5B	EA41	EA41-W_13/14	29-1	Lenox	185470.08	2972262.64	X	X	--	--
5B	EA41	EA41-X/Y_13	29-1	Lenox	185437.88	2972187.87	X	X	--	--
5B	EA42	EA42-AO/AP_11	24-7	Lenox	185339.54	2971332.2	X	X	--	--
5B	EA42	EA42-AO/AP_12/13	29-1	Lenox	185404.27	2971335.5	X	X	--	--
5B	EA42	EA42-AQ/AR_10/11	24-7	Lenox	185312.29	2971242.66	X	X	--	--
5B	EA42	EA42-AQ/AR_11/12	24-7	Lenox	185363.26	2971228.59	D	X	--	--
5B	EA42	EA42-AQ/AR_14	24-7	Lenox	185492.73	2971235.61	X	X	--	--
5B	EA42	EA42-AQ/AR_18	24-7	Lenox	185691.08	2971230.85	X	X	--	--
5B	EA42	EA42-AQ/AR_20/21	29-1	Lenox	185815.55	2971234.47	D	X	--	--
5B	EA42	EA42-AQ_10	29-1	Lenox	185276.63	2971267.43	X	X	--	--
5B	EA42	EA42-AQ_16/17	24-7	Lenox	185615.98	2971264.28	X	X	--	--
5B	EA42	EA42-AR/AS_16	24-7	Lenox	185583.85	2971199.69	X	X	--	--
5B	EA42	EA42-AR/AS_24/25	29-1	Lenox	186018.06	2971190.33	X	X	--	--
5B	EA42	EA42-AR/AS_27	29-1	Lenox	186144.32	2971187.73	X	X	--	--
5B	EA42	EA42-AR/AS_9/10	24-7	Lenox	185261.34	2971191.46	X	X	--	--
5B	EA42	EA42-AS/AT_12	24-7	Lenox	185396.39	2971138.72	X	X	--	--
5B	EA42	EA42-AS/AT_13	24-7	Lenox	185433.64	2971144.94	X	X	--	--
5B	EA42	EA42-AS_10	24-7	Lenox	185292.59	2971157.37	X	X	--	--
5B	EA42	EA42-AS_14/15	24-7	Lenox	185505.58	2971161.87	X	X	--	--
5B	EA42	EA42-AS_9/10	24-7	Lenox	185249.75	2971163.53	X	X	--	--
5B	EA42	EA42-AT/AU_18/19	24-7	Lenox	185703.44	2971080.63	X	X	--	--
5B	EA42	EA42-AT/AU_19	24-7	Lenox	185733.78	2971102.53	X	X	--	--
5B	EA42	EA42-AT_16/17	24-7	Lenox	185605.54	2971103.64	X	X	--	--
5B	EA42	EA42-AT_9/10	24-7	Lenox	185253.04	2971114.91	X	X	--	--
5B	EA42	EA42-AU/AV_10	24-7	Lenox	185283.55	2971028.49	X	X	--	--
5B	EA42	EA42-AU/AV_12	24-7	Lenox	185389.09	2971040.36	X	X	--	--
5B	EA42	EA42-AU/AV_14/15	24-7	Lenox	185503.02	2971051.62	D	X	--	--
5B	EA42	EA42-AU/AV_26/27	24-7	Lenox	186115.73	2971037.11	X	X	--	--
5B	EA42	EA42-AU_10/11	24-7	Lenox	185307.56	2971065.24	X	X	--	--
5B	EA42	EA42-AU_17	24-7	Lenox	185648.18	2971072.4	X	X	--	--
5B	EA42	EA42-AU_19/20	24-7	Lenox	185770.3	2971074.71	X	X	--	--
5B	EA42	EA42-AU_22	24-7	Lenox	185888.87	2971057.68	X	X	--	--
5B	EA42	EA42-AV/AW_13/14	24-7	Lenox	185464.26	2970992.06	X	X	--	--
5B	EA42	EA42-AV/AW_20/21	24-7	Lenox	185804.2	2970986.79	X	X	--	--
5B	EA42	EA42-AV/AW_8	29-2	Lenox	185196.24	2970993.7	X	X	--	--
5B	EA42	EA42-AV_12/13	24-7	Lenox	185403.79	2971013.91	X	X	--	--
5B	EA42	EA42-AV_15	24-7	Lenox	185546.32	2971023.73	X	X	--	--
5B	EA42	EA42-AV_17	24-7	Lenox	185641.52	2971004.45	X	X	--	--
5B	EA42	EA42-AV_29	24-7	Lenox	186228.89	2971021.58	D	X	--	--
5B	EA42	EA42-AW/AX_12	24-7	Lenox	185391.31	2970942.91	X	X	--	--
5B	EA42	EA42-AW/AX_14	24-7	Lenox	185481.62	2970940.78	X	X	--	--
5B	EA42	EA42-AW/AX_19	24-7	Lenox	185726.59	2970935.04	X	X	--	--
5B	EA42	EA42-AW/AX_23/24	24-7	Lenox	185968.79	2970945.53	X	X	--	--
5B	EA42	EA42-AW_11/12	24-7	Lenox	185367.34	2970970.19	X	X	--	--
5B	EA42	EA42-AW_15/16	24-7	Lenox	185561.66	2970976.02	X	X	--	--
5B	EA42	EA42-AW_18	24-7	Lenox	185686.6	2970962.31	X	X	--	--
5B	EA42	EA42-AX/AY_10/11	24-7	Lenox	185324.5	2970890.49	X	X	--	--
5B	EA42	EA42-AX/AY_17	24-7	Lenox	185638.25	2970894.68	D	X	--	--
5B	EA42	EA42-AX/AY_21/22	24-7	Lenox	185874.32	2970886.21	X	X	--	--
5B	EA42	EA42-AX/AY_28/29	24-7	Lenox	186218.53	2970887.17	X	X	--	--
5B	EA42	EA42-AX_11	24-7	Lenox	185326.35	2970924.95	D	X	--	--
5B	EA42	EA42-AX_15/16	24-7	Lenox	185561.5	2970917.66	X	X	--	--
5B	EA42	EA42-AY/AZ_19	24-7	Lenox	185725.85	2970828.19	X	X	--	--
5B	EA42	EA42-AY/AZ_20/21	24-7	Lenox	185812.62	2970827.93	D	X	--	--
5B	EA42	EA42-AZ/BA_22/23	24-7	Lenox	185920.16	2970801.1	X	X	--	--
5B	EA42	EA42-AZ/BA_7/8	29-2	Lenox	185172.32	2970791.53	X	X	--	--
5B	EA42	EA42-AZ_28	24-7	Lenox	186189.65	2970804	X	X	--	--
5B	EA42	EA42-AZ_9	29-2	Lenox	185244.71	2970809.07	X	X	--	--
5B	EA42	EA42-BA/BB_10/11	29-2	Lenox	185299.23	2970745.03	X	X	--	--
5B	EA42	EA42-BA_19/20	24-7	Lenox	185763.97	2970775.7	X	X	--	--
5B	EA42	EA42-BA_21	24-7	Lenox	185837.23	2970773.2	X	X	--	--
5B	EA42	EA42-BA_25	24-7	Lenox	186030.34	2970764.6	X	X	--	--
5B	EA42	EA42-BB/BC_11	29-2	Lenox	185336.94	2970677.85	X	X	--	--
5B	EA42	EA42-BB_12/13	29-2	Lenox	185420.54	2970719.66	X	X	--	--
5B	EA42	EA42-BB_21/22	24-7	Lenox	185869.78	2970706.55	X	X	--	--
5B	EA42	EA42-BB_8/9	29-2	Lenox	185217.02	2970717.55	X	X	--	--

**Appendix D**
**Proposed PCB Sample Tracking Matrix for Non-Residential Floodplain Soils**

Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5B	EA42	EA42-BC_21	24-7	Lenox	185832.87	2970675.09	X	X	--	--
5B	EA42	EA42-BC_29	24-7	Lenox	186244.62	2970671.48	X	X	--	--
5B	EA42	EA42-BD/BE_26	24-7	Lenox	186082.83	2970581.33	X	X	--	--
5B	EA42	EA42-BE_23/24	24-7	Lenox	185974.6	2970568.4	X	X	--	--
5C	EA45	EA45-AA/Z_14/15	19-3	Lenox	185268.53	2967933.63	X	X	--	--
5C	EA45	EA45-AA/Z_16/17	19-3	Lenox	185356.96	2967936.09	X	X	--	--
5C	EA45	EA45-AA_13	19-3	Lenox	185178.14	2967918.02	D	X	--	--
5C	EA45	EA45-AA_5	19-3	Lenox	184785.73	2967921.19	X	X	--	--
5C	EA45	EA45-AB/AC_17	19-3	Lenox	185398.54	2967840.2	X	X	--	--
5C	EA45	EA45-AB/AC_9/10	19-3	Lenox	185008.97	2967839.08	D	X	--	--
5C	EA45	EA45-AB_11	19-3	Lenox	185091.55	2967874.74	X	X	--	--
5C	EA45	EA45-AB_15	19-3	Lenox	185298.61	2967861.88	X	X	--	--
5C	EA45	EA45-AB_7/8	19-3	Lenox	184906.82	2967853.97	X	X	--	--
5C	EA45	EA45-AC/AD_17/18	19-3	Lenox	185405.46	2967782.37	X	X	--	--
5C	EA45	EA45-AC_12/13	19-3	Lenox	185149.57	2967820.63	X	X	--	--
5C	EA45	EA45-AC_16/17	19-3	Lenox	185360.75	2967824.16	X	X	--	--
5C	EA45	EA45-AD/AE_16/17	19-3	Lenox	185351.62	2967729.94	X	X	--	--
5C	EA45	EA45-AD/AE_18/19	19-3	Lenox	185464.29	2967742.96	X	X	--	--
5C	EA45	EA45-AD_10	19-3	Lenox	185033.55	2967772.44	X	X	--	--
5C	EA45	EA45-AD_6/7	19-3	Lenox	184860.87	2967755.65	X	X	--	--
5C	EA45	EA45-AE/AF_21	19-3	Lenox	185578.52	2967682.08	X	X	--	--
5C	EA45	EA45-AF_16	19-3	Lenox	185337.66	2967656.26	X	X	--	--
5C	EA45	EA45-AF_19	19-3	Lenox	185496.03	2967674.02	X	X	--	--
5C	EA45	EA45-AG/AH_21	19-3	Lenox	185594.4	2967591.22	X	X	--	--
5C	EA45	EA45-AG_20/21	19-3	Lenox	185569.48	2967618.25	X	X	--	--
5C	EA45	EA45-AH_11	19-3	Lenox	185089.6	2967557.51	X	X	--	--
5C	EA45	EA45-AH_13	19-3	Lenox	185193.68	2967576.12	X	X	--	--
5C	EA45	EA45-AH_15	19-3	Lenox	185297.1	2967561.17	X	X	--	--
5C	EA45	EA45-AH_17/18	19-3	Lenox	185415.21	2967561.66	X	X	--	--
5C	EA45	EA45-AH_19	19-3	Lenox	185478.05	2967555.31	X	X	--	--
5C	EA45	EA45-AI/AJ_12/13	19-3	Lenox	185160.11	2967485.13	X	X	--	--
5C	EA45	EA45-AI_16/17	19-3	Lenox	185356.73	2967509.31	X	X	--	--
5C	EA45	EA45-AI_18	19-3	Lenox	185434.01	2967504.99	X	X	--	--
5C	EA45	EA45-AJ/AK_15	19-3	Lenox	185276.93	2967451.21	X	X	--	--
5C	EA45	EA45-AJ/AK_17	19-3	Lenox	185379.23	2967432.04	X	X	--	--
5C	EA45	EA45-AJ_10	19-3	Lenox	185042.73	2967475.54	X	X	--	--
5C	EA45	EA45-AJ_19/20	19-3	Lenox	185507.46	2967467.64	X	X	--	--
5C	EA45	EA45-AJ_20/21	19-3	Lenox	185566.62	2967460.36	X	X	--	--
5C	EA45	EA45-AK/AL_11	19-3	Lenox	185094.14	2967393.99	X	X	--	--
5C	EA45	EA45-AK/AL_18/19	19-3	Lenox	185458.34	2967395.14	X	X	--	--
5C	EA45	EA45-AK_8/9	19-3	Lenox	184964.81	2967413.24	X	X	--	--
5C	EA45	EA45-AL/AM_20/21	19-3	Lenox	185573.32	2967327.68	X	X	--	--
5C	EA45	EA45-AL_9/10	19-3	Lenox	184999.27	2967360.65	X	X	--	--
5C	EA45	EA45-E/F_18/19	19-3	Lenox	185467.33	2968988.95	X	X	--	--
5C	EA45	EA45-E_12/13	19-3	Lenox	185154.46	2969009.59	X	X	--	--
5C	EA45	EA45-F_20	19-3	Lenox	185539.83	2968964.22	X	X	--	--
5C	EA45	EA45-G/H_15	19-3	Lenox	185288.76	2968894.97	X	X	--	--
5C	EA45	EA45-G/H_17/18	19-3	Lenox	185405.31	2968889.77	X	X	--	--
5C	EA45	EA45-G_12	19-3	Lenox	185132.45	2968915.29	X	X	--	--
5C	EA45	EA45-G_9/10	19-3	Lenox	185013.2	2968909.69	X	X	--	--
5C	EA45	EA45-H/I_8/9	19-3	Lenox	184954.27	2968849.35	D	X	--	--
5C	EA45	EA45-I/J_16	19-3	Lenox	185331.59	2968793.31	X	X	--	--
5C	EA45	EA45-I_11	19-3	Lenox	185085.57	2968819.62	X	X	--	--
5C	EA45	EA45-J/K_7	19-3	Lenox	184877.81	2968744.61	X	X	--	--
5C	EA45	EA45-J_13	19-3	Lenox	185186.99	2968767.44	X	X	--	--
5C	EA45	EA45-J_19/20	19-3	Lenox	185504.31	2968759.61	X	X	--	--
5C	EA45	EA45-K/L_5	19-3	Lenox	184786.89	2968685.07	X	X	--	--
5C	EA45	EA45-K_11	19-3	Lenox	185094.22	2968721.33	X	X	--	--
5C	EA45	EA45-K_3	19-3	Lenox	184686.45	2968715.54	X	X	--	--
5C	EA45	EA45-L_13/14	19-3	Lenox	185218.54	2968666.42	X	X	--	--
5C	EA45	EA45-M_12	19-3	Lenox	185140.93	2968606.11	D	X	--	--
5C	EA45	EA45-M_18	19-3	Lenox	185437.68	2968609.74	X	X	--	--
5C	EA45	EA45-M_3	19-3	Lenox	184683.32	2968622.72	X	X	--	--
5C	EA45	EA45-M_7	19-3	Lenox	184894.29	2968607.25	D	X	--	--
5C	EA45	EA45-N/O_10/11	19-3	Lenox	185059.65	2968545.22	X	X	--	--
5C	EA45	EA45-N/O_19	19-3	Lenox	185477.02	2968543.15	X	X	--	--
5C	EA45	EA45-N/O_8/9	19-3	Lenox	184960.07	2968546.1	X	X	--	--

**Appendix D**
**Proposed PCB Sample Tracking Matrix for Non-Residential Floodplain Soils**

Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5C	EA45	EA45-N_13	19-3	Lenox	185190.05	2968560.91	X	X	--	--
5C	EA45	EA45-N_2	19-3	Lenox	184633.48	2968576.4	D	X	--	--
5C	EA45	EA45-O/P_5/6	19-3	Lenox	184802.21	2968481.77	X	X	--	--
5C	EA45	EA45-O_16/17	19-3	Lenox	185364.95	2968526.2	X	X	--	--
5C	EA45	EA45-O_2	19-3	Lenox	184633.95	2968509.5	X	X	--	--
5C	EA45	EA45-O_7/8	19-3	Lenox	184905.9	2968511.98	X	X	--	--
5C	EA45	EA45-P/Q_15	19-3	Lenox	185291.61	2968438.77	X	X	--	--
5C	EA45	EA45-P_11/12	19-3	Lenox	185123.84	2968460.24	X	X	--	--
5C	EA45	EA45-P_17	19-3	Lenox	185387.26	2968458.22	X	X	--	--
5C	EA45	EA45-R/S_13	19-3	Lenox	185188.17	2968350.52	D	X	--	--
5C	EA45	EA45-R/S_14/15	19-3	Lenox	185260.3	2968351.72	X	X	--	--
5C	EA45	EA45-R_16	19-3	Lenox	185325.81	2968364.18	X	X	--	--
5C	EA45	EA45-S_14/15	19-3	Lenox	185274.59	2968309.24	X	X	--	--
5C	EA45	EA45-T/U_13/14	19-3	Lenox	185210.31	2968251.21	X	X	--	--
5C	EA45	EA45-T_16	19-3	Lenox	185330.61	2968263.08	X	X	--	--
5C	EA45	EA45-U/V_15/16	19-3	Lenox	185307.52	2968194.38	X	X	--	--
5C	EA45	EA45-V/W_14	19-3	Lenox	185226.91	2968151.97	X	X	--	--
5C	EA45	EA45-V_16/17	19-3	Lenox	185354.88	2968175.86	X	X	--	--
5C	EA45	EA45-W/X_15	19-3	Lenox	185285.64	2968102.49	X	X	--	--
5C	EA45	EA45-W_14	19-3	Lenox	185231.17	2968113.31	X	X	--	--
5C	EA45	EA45-X_16/17	19-3	Lenox	185349.97	2968064.62	X	X	--	--
5C	EA45	EA45-Y_13/14	19-3	Lenox	185215.61	2968015.06	X	X	--	--
5C	EA46	EA46-AA/Z_7/8	19-3	Lenox	185613.34	2966002.41	X	X	--	--
5C	EA46	EA46-AB/AC_4	19-3	Lenox	185446.74	2965887.29	D	X	--	--
5C	EA46	EA46-AB/AC_8/9	19-3	Lenox	185666.84	2965897.19	D	X	--	--
5C	EA46	EA46-AD_10	19-3	Lenox	185747.76	2965822.33	X	X	--	--
5C	EA46	EA46-AE_4/5	19-3	Lenox	185460.35	2965757.05	D	X	--	--
5C	EA46	EA46-AF/AG_4/5	19-3	Lenox	185450.01	2965691.83	D	X	--	--
5C	EA46	EA46-AF_11/12	19-3	Lenox	185810.7	2965719.76	X	X	--	--
5C	EA46	EA46-AG/AH_11/12	19-3	Lenox	185803.66	2965630.1	D	X	--	--
5C	EA46	EA46-AH_13	19-3	Lenox	185883.99	2965622.23	X	X	--	--
5C	EA46	EA46-AJ_12/13	19-3	Lenox	185856.82	2965522.23	X	X	--	--
5C	EA46	EA46-AK/AL_13/14	19-3	Lenox	185923.7	2965437.76	X	X	--	--
5C	EA46	EA46-AL/AM_12	19-3	Lenox	185839.84	2965392.79	D	X	--	--
5C	EA46	EA46-B_7/8	19-3	Lenox	185600.29	2967225.56	X	X	--	--
5C	EA46	EA46-D_7/8	19-3	Lenox	185615.15	2967123.79	X	X	--	--
5C	EA46	EA46-F_8	19-3	Lenox	185644.71	2967023.18	X	X	--	--
5C	EA46	EA46-H_9	19-3	Lenox	185678.32	2966919.53	X	X	--	--
5C	EA46	EA46-I_8	19-3	Lenox	185646.37	2966867.43	X	X	--	--
5C	EA46	EA46-K_8	19-3	Lenox	185644.45	2966766.27	X	X	--	--
5C	EA46	EA46-K_9/10	19-3	Lenox	185707.08	2966774.01	X	X	--	--
5C	EA46	EA46-M/N_10	19-3	Lenox	185729.78	2966651.52	X	X	--	--
5C	EA46	EA46-M_8	19-3	Lenox	185641.64	2966665.96	X	X	--	--
5C	EA46	EA46-M_8/9	19-3	Lenox	185663.03	2966655.86	D	X	--	--
5C	EA46	EA46-N/O_9	19-3	Lenox	185680.33	2966599.9	X	X	--	--
5C	EA46	EA46-O/P_11	19-3	Lenox	185798.87	2966545.25	X	X	--	--
5C	EA46	EA46-Q/R_11/12	19-3	Lenox	185823.19	2966438.38	X	X	--	--
5C	EA46	EA46-Q_9	19-3	Lenox	185678.23	2966453.9	X	X	--	--
5C	EA46	EA46-R/S_9/10	19-3	Lenox	185701.24	2966378.24	D	X	--	--
5C	EA46	EA46-T_8	19-3	Lenox	185640.81	2966323.69	D	X	--	--
5C	EA46	EA46-U/V_11	19-3	Lenox	185795.22	2966236.5	X	X	--	--
5C	EA46	EA46-V/W_8	19-3	Lenox	185625.06	2966201.09	X	X	--	--
5C	EA46	EA46-W/X_7	19-3	Lenox	185576.43	2966144.35	X	X	--	--
5C	EA46	EA46-W_5/6	19-3	Lenox	185513.31	2966158.49	X	X	--	--
5C	EA46	EA46-X/Y_6	19-3	Lenox	185538.78	2966085.83	D	X	--	--
5C	EA46	EA46-X_2/3	19-3	Lenox	185353.78	2966118.99	D	X	--	--
5C	EA46	EA46-X_4/5	19-3	Lenox	185455.51	2966124.83	X	X	--	--
5C	EA46	EA46-Y/Z_5/6	19-3	Lenox	185516	2966042.66	X	X	--	--
5C	EA46	EA46-Y_2/3	19-3	Lenox	185370.86	2966072.48	X	X	--	--
5C	EA46	EA46-Z_10	19-3	Lenox	185736.73	2966003.95	X	X	--	--
5C	EA46	EA46-Z_4/5	19-3	Lenox	185460.33	2966015.03	X	X	--	--
5C	EA47	EA47-C/D_11	19-3	Lenox	185788.52	2965346.13	X	X	--	--
5C	EA47	EA47-D/E_10/11	19-3	Lenox	185757.84	2965278.84	X	X	X	X
5C	EA47	EA47-D/E_9	19-3	Lenox	185685.85	2965285.24	D	X	--	--
5C	EA47	EA47-D_12	19-3	Lenox	185848.57	2965324.25	X	X	X	X
5C	EA47	EA47-D_13	19-3	Lenox	185898.62	2965319.86	X	X	--	--
5C	EA47	EA47-E/F_9	19-3	Lenox	185695.11	2965229.28	X	X	X	X

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					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5C	EA47	EA47-E_8/9	19-3	Lenox	185660.72	2965254.33	X	X	--	--
5C	EA47	EA47-F_10	19-3	Lenox	185740.08	2965208.14	X	X	--	--
5C	EA48	EA48-C/D_3	19-3	Lenox	185397.15	2965334.03	X	X	--	--
5C	EA48	EA48-D/E_5/6	19-3	Lenox	185508.05	2965299.16	X	X	--	--
5C	EA48	EA48-E/F_4/5	19-3	Lenox	185463.28	2965245.2	X	X	--	--
5C	EA48	EA48-E_1/2	19-3	Lenox	185313.7	2965275.66	X	X	--	--
5C	EA48	EA48-E_12	19-3	Lenox	185846.31	2965273.23	X	X	--	--
5C	EA48	EA48-F/G_2/3	19-3	Lenox	185368.64	2965200.56	D	X	--	--
5C	EA48	EA48-G/H_10/11	19-3	Lenox	185757.35	2965152.84	X	X	--	--
5C	EA48	EA48-G/H_12	19-3	Lenox	185839.95	2965148.35	X	X	--	--
5C	EA48	EA48-G/H_3	19-3	Lenox	185397.29	2965143.1	X	X	--	--
5C	EA48	EA48-G/H_4	19-3	Lenox	185442.16	2965139.49	X	X	--	--
5C	EA48	EA48-G_14	19-3	Lenox	185939.65	2965155.11	X	X	--	--
5C	EA48	EA48-G_4/5	19-3	Lenox	185465.25	2965159.01	X	X	--	--
5C	EA48	EA48-H_4/5	19-3	Lenox	185463.44	2965120.92	X	X	--	--
5C	EA48	EA48-H_6	19-3	Lenox	185534.14	2965113.53	X	X	--	--
5C	EA48	EA48-I/J_13	19-3	Lenox	185877.81	2965033.15	X	X	--	--
5C	EA48	EA48-I/J_7	19-3	Lenox	185597.82	2965048.68	X	X	--	--
5C	EA48	EA48-I_11	19-3	Lenox	185787.39	2965062.12	X	X	--	--
5C	EA48	EA48-I_6/7	19-3	Lenox	185564.92	2965054.86	X	X	--	--
5C	EA48	EA48-J/K_12	19-3	Lenox	185831.47	2964977.94	X	X	--	--
5C	EA48	EA48-K/L_13/14	19-3	Lenox	185918.67	2964935.64	X	X	--	--
5C	EA48	EA48-K/L_8/9	19-3	Lenox	185651.74	2964951.06	X	X	--	--
5C	EA48	EA48-L/M_12	19-3	Lenox	185839.13	2964887.27	X	X	--	--
5C	EA48	EA48-M/N_9/10	19-3	Lenox	185711.85	2964848.35	X	X	--	--
5C	EA48	EA48-N_12/13	19-2	Lenox	185864.59	2964824	D	X	--	--
5C	EA48	EA48-N_14/15	19-3	Lenox	185972.01	2964826.16	X	X	--	--
5C	EA48	EA48-O/P_13/14	19-2	Lenox	185909.19	2964736.74	X	X	--	--
5C	EA48	EA48-P/Q_11/12	19-2	Lenox	185818.71	2964700.02	X	X	--	--
5C	EA48	EA48-Q/R_14	19-2	Lenox	185928.05	2964637.37	D	X	--	--
5C	EA48	EA48-R_11/12	19-2	Lenox	185811.94	2964613.16	D	X	--	--
5C	EA48	EA48-S/T_13/14	19-2	Lenox	185917.41	2964535.24	X	X	--	--
5C	EA48	EA48-T/U_13	19-2	Lenox	185881.6	2964496.67	X	X	--	--
5C	EA48	EA48-V/W_13/14	19-2	Lenox	185901.24	2964392.54	X	X	--	--
5C	EA48	EA48-V_14/15	19-2	Lenox	185956.17	2964423.59	X	X	--	--
5C	EA48	EA48-W/X_16	19-2	Lenox	186035.33	2964329.35	X	X	--	--
5C	EA48	EA48-X/Y_16	19-1	Lenox	186048.51	2964284.44	X	X	--	--
5C	EA48	EA48-X_14	19-2	Lenox	185931.93	2964320.95	D	X	--	--
5C	EA48	EA48-Y_17/18	19-1	Lenox	186114.78	2964270.57	X	X	--	--
5C	EA49	EA49-B/C_4/5	29-2	Lenox	184468.22	2968236.37	X	X	--	--
5C	EA49	EA49-B/C_5/6	29-2	Lenox	184503.47	2968231.56	X	X	--	--
5C	EA49	EA49-B_2	29-2	Lenox	184340.07	2968254.03	X	X	--	--
5C	EA49	EA49-C/D_7	29-2	Lenox	184583.93	2968202.54	X	X	--	--
5C	EA49	EA49-C_1	29-2	Lenox	184287.52	2968216.32	X	X	--	--
5C	EA49	EA49-D/E_2/3	29-2	Lenox	184358.15	2968134.84	X	X	--	--
5C	EA49	EA49-D_5/6	29-2	Lenox	184501.11	2968161.79	X	X	--	--
5C	EA49	EA49-D_6	29-2	Lenox	184536.69	2968160.21	X	X	--	--
5C	EA49	EA49-D_7	29-2	Lenox	184595.64	2968154.82	X	X	--	--
5C	EA49	EA49-E/F_7	29-2	Lenox	184598.13	2968087.28	X	X	--	--
5C	EA49	EA49-E/F_8/9	29-2	Lenox	184663.79	2968077.75	X	X	--	--
5C	EA49	EA49-E_1	29-2	Lenox	184294.47	2968109.43	X	X	--	--
5C	EA49	EA49-E_5	29-2	Lenox	184485.02	2968124.2	X	X	--	--
5C	EA49	EA49-E_8	29-2	Lenox	184643.45	2968119.22	X	X	--	--
5C	EA49	EA49-F_6/7	29-2	Lenox	184569.34	2968053.9	X	X	--	--
5C	EA49	EA49-F_9	29-2	Lenox	184684.48	2968053.94	X	X	--	--
5C	EA49	EA49-G/H_7/8	29-2	Lenox	184620.92	2967999.64	X	X	--	--
5C	EA49	EA49-G_1/2	29-2	Lenox	184304.25	2968004.28	X	X	--	--
5C	EA49	EA49-G_2/3	29-2	Lenox	184349.16	2968006.57	X	X	--	--
5C	EA49	EA49-G_4/5	29-2	Lenox	184457.57	2968015.83	X	X	--	--
5C	EA49	EA49-G_6	29-2	Lenox	184528.31	2968012.41	D	X	--	--
5C	EA49	EA49-G_9/10	29-2	Lenox	184703.58	2968003.81	X	X	--	--
5C	EA49	EA49-H_6	29-2	Lenox	184533.58	2967964.64	X	X	--	--
5C	EA49	EA49-H_8/9	29-2	Lenox	184654.27	2967954.2	D	X	--	--
5C	EA49	EA49-I/J_1/2	19-1	Lenox	184315.65	2967893.17	X	X	--	--
5C	EA49	EA49-I_4	29-2	Lenox	184437.24	2967916.07	X	X	--	--
5C	EA49	EA49-I_8	29-2	Lenox	184642.37	2967920.42	X	X	--	--
5C	EA49	EA49-J_6	29-2	Lenox	184533.99	2967867.25	X	X	--	--

**Appendix D**
**Proposed PCB Sample Tracking Matrix for Non-Residential Floodplain Soils**

Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5C	EA49	EA49-K/L_3/4	19-1	Lenox	184400.46	2967797.8	X	X	--	--
5C	EA49	EA49-K_8	29-2	Lenox	184632.53	2967822.04	X	X	--	--
5C	EA49	EA49-L/M_9/10	29-2	Lenox	184710.75	2967744.14	X	X	--	--
5C	EA49	EA49-L_2	19-1	Lenox	184329.82	2967761.37	X	X	--	--
5C	EA49	EA49-M/N_12	29-2	Lenox	184827.9	2967702.19	X	X	--	--
5C	EA49	EA49-M_14	29-2	Lenox	184935.47	2967709.94	D	X	--	--
5C	EA49	EA49-M_16	29-2	Lenox	185029.76	2967706.78	X	X	--	--
5C	EA49	EA49-M_18	29-2	Lenox	185135.73	2967720.55	X	X	--	--
5C	EA49	EA49-M_19/20	29-2	Lenox	185213.64	2967721.65	X	X	--	--
5C	EA49	EA49-M_5	19-1	Lenox	184485.01	2967714.96	X	X	--	--
5C	EA49	EA49-M_7	19-1	Lenox	184582.75	2967708.49	X	X	--	--
5C	EA49	EA49-N_17/18	29-2	Lenox	185108.76	2967666.19	X	X	--	--
5C	EA49	EA49-N_19/20	29-2	Lenox	185219.2	2967674.6	X	X	--	--
5C	EA49	EA49-N_3	19-1	Lenox	184383.61	2967672.33	X	X	--	--
5C	EA49	EA49-O/P_4	19-1	Lenox	184431.86	2967589.17	X	X	--	--
5C	EA49	EA49-O_15	29-2	Lenox	184994.15	2967619.52	X	X	--	--
5C	EA49	EA49-O_6	19-1	Lenox	184535.61	2967619.04	X	X	--	--
5C	EA49	EA49-O_8	19-1	Lenox	184644.77	2967603.93	X	X	--	--
5C	EA49	EA49-P_13/14	29-2	Lenox	184917.67	2967571.05	X	X	--	--
5C	EA49	EA49-Q_6	19-1	Lenox	184539.53	2967520.54	X	X	--	--
5C	EA49	EA49-Q_8/9	19-1	Lenox	184664.65	2967521.09	X	X	--	--
5C	EA50	EA50-AA/AB_18	19-1	Lenox	185192.38	2966182.2	X	X	--	--
5C	EA50	EA50-AA/Z_19	19-1	Lenox	185245.45	2966229.66	X	X	--	--
5C	EA50	EA50-AA/Z_22/23	19-1	Lenox	185424.26	2966240.7	X	X	--	--
5C	EA50	EA50-AA_15	19-1	Lenox	185026.27	2966207.29	X	X	--	--
5C	EA50	EA50-AA_18/19	19-1	Lenox	185215.69	2966222.78	X	X	--	--
5C	EA50	EA50-AB/AC_11	19-1	Lenox	184834.21	2966141.45	D	X	--	--
5C	EA50	EA50-AB/AC_5/6	19-1	Lenox	184551.08	2966151.84	D	X	--	--
5C	EA50	EA50-AB/AC_12/13	19-1	Lenox	184921.46	2966157.56	D	X	--	--
5C	EA50	EA50-AC/AD_19/20	19-1	Lenox	185249.95	2966086.69	X	X	--	--
5C	EA50	EA50-AC_14	19-1	Lenox	184989.74	2966106.67	X	X	--	--
5C	EA50	EA50-AC_16/17	19-1	Lenox	185099.71	2966122.88	X	X	--	--
5C	EA50	EA50-AC_18/19	19-1	Lenox	185211.38	2966123.16	X	X	--	--
5C	EA50	EA50-AD/AE_17/18	19-1	Lenox	185157.28	2966040.63	X	X	--	--
5C	EA50	EA50-AD/AE_19	19-1	Lenox	185235.12	2966029.12	X	X	--	--
5C	EA50	EA50-AD_12	19-1	Lenox	184891.21	2966060.46	D	X	--	--
5C	EA50	EA50-AD_15	19-1	Lenox	185028.63	2966060.41	X	X	--	--
5C	EA50	EA50-AE/AF_13	19-1	Lenox	184938.53	2965989.01	D	X	--	--
5C	EA50	EA50-AE/AF_15	19-1	Lenox	185034.22	2966002.75	X	X	--	--
5C	EA50	EA50-AE_20	19-1	Lenox	185282.4	2966004.07	X	X	--	--
5C	EA50	EA50-AE_9	19-1	Lenox	184734.34	2966012.85	D	X	--	--
5C	EA50	EA50-AG_5	19-1	Lenox	184547.22	2965917.8	D	X	--	--
5C	EA50	EA50-AH_13	19-1	Lenox	184935.78	2965856.01	X	X	--	--
5C	EA50	EA50-AH_17/18	19-1	Lenox	185173.82	2965859.41	X	X	--	--
5C	EA50	EA50-AI/AJ_14/15	19-1	Lenox	184999.23	2965791.13	X	X	--	--
5C	EA50	EA50-AI_16	19-1	Lenox	185086.72	2965815.39	X	X	--	--
5C	EA50	EA50-AJ/AK_18	19-1	Lenox	185190.74	2965736.6	X	X	--	--
5C	EA50	EA50-AJ_9	19-1	Lenox	184728.61	2965753.58	X	X	--	--
5C	EA50	EA50-AK/AL_12/13	19-1	Lenox	184904.88	2965683	X	X	--	--
5C	EA50	EA50-AK/AL_20/21	19-1	Lenox	185299.67	2965678.83	X	X	--	--
5C	EA50	EA50-AK/AL_26/27	19-1	Lenox	185612.05	2965697.99	D	X	--	--
5C	EA50	EA50-AK/AL_28	19-1	Lenox	185688.35	2965694.03	X	X	--	--
5C	EA50	EA50-AK_14/15	19-1	Lenox	185023.31	2965722.68	X	X	--	--
5C	EA50	EA50-AL/AM_15	19-1	Lenox	185044.58	2965628.77	D	X	--	--
5C	EA50	EA50-AL/AM_6	19-1	Lenox	184593.75	2965639.79	X	X	--	--
5C	EA50	EA50-AL_16/17	19-1	Lenox	185102.21	2965674.41	X	X	--	--
5C	EA50	EA50-AL_21	19-1	Lenox	185326.32	2965653.88	X	X	--	--
5C	EA50	EA50-AM/AN_18	19-1	Lenox	185178.08	2965597.23	X	X	--	--
5C	EA50	EA50-AM/AN_19/20	19-1	Lenox	185260.27	2965582.75	X	X	--	--
5C	EA50	EA50-AM/AN_25	19-1	Lenox	185547.08	2965582.95	X	X	--	--
5C	EA50	EA50-AM_10/11	19-1	Lenox	184811.41	2965610	X	X	--	--
5C	EA50	EA50-AM_27	19-1	Lenox	185643.69	2965623.76	X	X	--	--
5C	EA50	EA50-AM_28/29	19-1	Lenox	185708.08	2965606.54	X	X	--	--
5C	EA50	EA50-AN/AO_19/20	19-1	Lenox	185251.69	2965531.12	X	X	--	--
5C	EA50	EA50-AN/AO_20	19-1	Lenox	185284.65	2965549.53	X	X	--	--
5C	EA50	EA50-AN/AO_23/24	19-1	Lenox	185461.06	2965533.07	X	X	--	--
5C	EA50	EA50-AN/AO_26/27	19-1	Lenox	185606.37	2965548.34	X	X	--	--

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Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5C	EA50	EA50-AN_13/14	19-1	Lenox	184960.5	2965569.88	X	X	--	--
5C	EA50	EA50-AN_16	19-1	Lenox	185082.96	2965554.33	X	X	--	--
5C	EA50	EA50-AN_20/21	19-1	Lenox	185319.48	2965574.23	X	X	--	--
5C	EA50	EA50-AN_22	19-1	Lenox	185376.26	2965564.27	X	X	--	--
5C	EA50	EA50-AO/AP_17/18	19-1	Lenox	185155.37	2965498.72	X	X	--	--
5C	EA50	EA50-AO/AP_21/22	19-1	Lenox	185354.09	2965494.17	X	X	--	--
5C	EA50	EA50-AO/AP_23/24	19-1	Lenox	185457.34	2965486.64	X	X	--	--
5C	EA50	EA50-AO/AP_25/26	19-1	Lenox	185556.21	2965487.11	X	X	--	--
5C	EA50	EA50-AO_28	19-1	Lenox	185695.5	2965506.71	X	X	--	--
5C	EA50	EA50-AP/AQ_16/17	19-1	Lenox	185114.76	2965436.02	X	X	--	--
5C	EA50	EA50-AP/AQ_20/21	19-1	Lenox	185312.11	2965431.89	X	X	--	--
5C	EA50	EA50-AP/AQ_22/23	19-1	Lenox	185413.45	2965449.97	X	X	--	--
5C	EA50	EA50-AP/AQ_24	19-1	Lenox	185485.71	2965446.82	X	X	--	--
5C	EA50	EA50-AP/AQ_28/29	19-1	Lenox	185715.54	2965449.49	D	X	--	--
5C	EA50	EA50-AP/AQ_6/7	19-1	Lenox	184613.69	2965434.7	X	X	--	--
5C	EA50	EA50-AP_15	19-1	Lenox	185036.79	2965476.53	X	X	--	--
5C	EA50	EA50-AP_19	19-1	Lenox	185238.76	2965456.81	X	X	--	--
5C	EA50	EA50-AQ/AR_27	19-1	Lenox	185641.08	2965384.54	X	X	--	--
5C	EA50	EA50-AQ_14	19-1	Lenox	184993.53	2965419.04	X	X	--	--
5C	EA50	EA50-AQ_17/18	19-1	Lenox	185155.57	2965418.12	X	X	--	--
5C	EA50	EA50-AQ_27/28	19-1	Lenox	185660.21	2965415.36	X	X	--	--
5C	EA50	EA50-AR_19	19-1	Lenox	185239.66	2965358.11	X	X	--	--
5C	EA50	EA50-AS/AT_6/7	19-1	Lenox	184601.93	2965289.49	X	X	--	--
5C	EA50	EA50-AS_14/15	19-1	Lenox	185018.92	2965313.24	X	X	--	--
5C	EA50	EA50-AS_16/17	19-1	Lenox	185110.01	2965323.15	D	X	--	--
5C	EA50	EA50-AS_17	19-1	Lenox	185147.66	2965319.31	X	X	--	--
5C	EA50	EA50-AT/AU_17	19-1	Lenox	185131.42	2965230.16	X	X	--	--
5C	EA50	EA50-AT_12/13	19-1	Lenox	184921	2965255.2	X	X	--	--
5C	EA50	EA50-AW/AX_15/16	19-1	Lenox	185071.5	2965078.14	X	X	--	--
5C	EA50	EA50-AW_18	19-1	Lenox	185178.86	2965112.03	X	X	--	--
5C	EA50	EA50-AX/AY_19	19-1	Lenox	185236.55	2965039.1	X	X	--	--
5C	EA50	EA50-AX/AY_21	19-1	Lenox	185329.35	2965046.1	X	X	--	--
5C	EA50	EA50-AY/AZ_16/17	19-1	Lenox	185114.76	2964998.28	D	X	--	--
5C	EA50	EA50-AY/AZ_19	19-1	Lenox	185248.42	2964978.38	X	X	--	--
5C	EA50	EA50-AY_11	19-1	Lenox	184841.97	2965015.29	X	X	--	--
5C	EA50	EA50-AY_23	19-1	Lenox	185433.41	2965013.19	X	X	--	--
5C	EA50	EA50-AZ/BA_17/18	19-1	Lenox	185172.7	2964930.89	X	X	--	--
5C	EA50	EA50-AZ/BA_23/24	19-1	Lenox	185473.36	2964951.74	X	X	--	--
5C	EA50	EA50-AZ/BA_25	19-1	Lenox	185524.99	2964930.36	X	X	--	--
5C	EA50	EA50-AZ_14/15	19-1	Lenox	185009.46	2964953.51	D	X	--	--
5C	EA50	EA50-AZ_18/19	19-1	Lenox	185216.82	2964955.52	X	X	--	--
5C	EA50	EA50-AZ_23	19-1	Lenox	185432.58	2964969.17	X	X	--	--
5C	EA50	EA50-AZ_7	19-1	Lenox	184630.35	2964953.46	X	X	--	--
5C	EA50	EA50-B/C_2	19-1	Lenox	184391.08	2967430.22	X	X	--	--
5C	EA50	EA50-BA/BB_19/20	19-1	Lenox	185272.12	2964891.62	X	X	--	--
5C	EA50	EA50-BA/BB_22	19-1	Lenox	185391.27	2964899.19	X	X	--	--
5C	EA50	EA50-BB/BC_22/23	19-1	Lenox	185420.34	2964829.65	X	X	--	--
5C	EA50	EA50-BB_19	19-1	Lenox	185230.02	2964875.39	X	X	--	--
5C	EA50	EA50-BB_23/24	19-1	Lenox	185460.36	2964876.7	X	X	--	--
5C	EA50	EA50-BB_25	19-1	Lenox	185531.01	2964861.02	X	X	--	--
5C	EA50	EA50-BB_25/26	19-1	Lenox	185562.59	2964876.46	X	X	--	--
5C	EA50	EA50-BC/BD_22/23	19-1	Lenox	185410.09	2964784.22	X	X	--	--
5C	EA50	EA50-BC/BD_26/27	19-1	Lenox	185620.81	2964777.91	X	X	--	--
5C	EA50	EA50-BC_13/14	19-1	Lenox	184961.21	2964809.14	X	X	--	--
5C	EA50	EA50-BC_17/18	19-1	Lenox	185170.65	2964815.56	X	X	--	--
5C	EA50	EA50-BD_25/26	19-1	Lenox	185567.51	2964773.54	X	X	--	--
5C	EA50	EA50-BE/BF_17/18	19-1	Lenox	185164.71	2964685.85	D	X	--	--
5C	EA50	EA50-BE/BF_19/20	19-1	Lenox	185263.5	2964699.33	X	X	--	--
5C	EA50	EA50-BE/BF_22	19-1	Lenox	185380.56	2964687.01	X	X	--	--
5C	EA50	EA50-BE/BF_23	19-1	Lenox	185446.74	2964693.79	X	X	--	--
5C	EA50	EA50-BE/BF_26/27	19-1	Lenox	185601.86	2964696.87	X	X	--	--
5C	EA50	EA50-BE/BF_8	19-1	Lenox	184674.9	2964700.66	X	X	--	--
5C	EA50	EA50-BF/BG_26	19-1	Lenox	185588.54	2964638.32	X	X	--	--
5C	EA50	EA50-BF/BG_27/28	19-1	Lenox	185662.04	2964630.62	X	X	--	--
5C	EA50	EA50-BF_15/16	19-1	Lenox	185055.86	2964675.2	D	X	--	--
5C	EA50	EA50-BG/BH_14/15	19-1	Lenox	185022.93	2964587.99	X	X	--	--
5C	EA50	EA50-BG/BH_19	19-1	Lenox	185247.03	2964590.03	X	X	--	--

**Appendix D**
**Proposed PCB Sample Tracking Matrix for Non-Residential Floodplain Soils**

Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5C	EA50	EA50-BG/BH_22	19-1	Lenox	185375.41	2964578.06	X	X	--	--
5C	EA50	EA50-BG/BH_24/25	19-1	Lenox	185506.62	2964578.41	X	X	--	--
5C	EA50	EA50-BH/BI_16	19-1	Lenox	185082.93	2964532.32	X	X	--	--
5C	EA50	EA50-BH/BI_20	19-1	Lenox	185290.63	2964530.53	X	X	--	--
5C	EA50	EA50-BH_27/28	19-1	Lenox	185665.21	2964574.21	D	X	--	--
5C	EA50	EA50-BJ/BK_11	19-1	Lenox	184832.25	2964446.02	D	X	--	--
5C	EA50	EA50-BJ/BK_21	19-1	Lenox	185331	2964431.07	X	X	--	--
5C	EA50	EA50-BJ_21/22	19-1	Lenox	185352.62	2964456.72	X	X	--	--
5C	EA50	EA50-BJ_23	19-1	Lenox	185432.56	2964466.37	X	X	--	--
5C	EA50	EA50-BJ_28/29	19-1	Lenox	185699.77	2964475.08	X	X	--	--
5C	EA50	EA50-BK/BL_13	19-1	Lenox	184942.42	2964380.53	X	X	--	--
5C	EA50	EA50-BK/BL_17/18	19-1	Lenox	185155.12	2964382.12	X	X	--	--
5C	EA50	EA50-BK_19	19-1	Lenox	185232.75	2964420.07	X	X	--	--
5C	EA50	EA50-BL_19/20	19-1	Lenox	185259.85	2964359.34	X	X	--	--
5C	EA50	EA50-BL_24/25	19-1	Lenox	185507.4	2964370.11	X	X	--	--
5C	EA50	EA50-BL_29/30	19-1	Lenox	185750.11	2964367.09	X	X	--	--
5C	EA50	EA50-BM_18/19	19-1	Lenox	185218.28	2964318.48	X	X	--	--
5C	EA50	EA50-C/D_10/11	19-1	Lenox	184804.05	2967382.86	D	X	--	--
5C	EA50	EA50-C_5/6	19-1	Lenox	184563.69	2967414.2	X	X	--	--
5C	EA50	EA50-C_8	19-1	Lenox	184676.3	2967414.45	X	X	--	--
5C	EA50	EA50-E/F_11/12	19-1	Lenox	184869.78	2967298.32	D	X	--	--
5C	EA50	EA50-E_18	19-1	Lenox	185189.45	2967321.55	X	X	--	--
5C	EA50	EA50-E_20/21	19-1	Lenox	185309.23	2967323.99	D	X	--	--
5C	EA50	EA50-E_4	19-1	Lenox	184490.94	2967304.13	X	X	--	--
5C	EA50	EA50-E_6/7	19-1	Lenox	184603.01	2967319.06	X	X	--	--
5C	EA50	EA50-E_9	19-1	Lenox	184731.12	2967326.19	X	X	--	--
5C	EA50	EA50-F/G_10	19-1	Lenox	184798.41	2967231.94	X	X	--	--
5C	EA50	EA50-F/G_13	19-1	Lenox	184941.51	2967237.81	D	X	--	--
5C	EA50	EA50-F/G_17/18	19-1	Lenox	185172.19	2967249.45	D	X	--	--
5C	EA50	EA50-F/G_21	19-1	Lenox	185333.04	2967241.32	X	X	--	--
5C	EA50	EA50-F/G_3/4	19-1	Lenox	184456.38	2967233.67	X	X	--	--
5C	EA50	EA50-F_16	19-1	Lenox	185083.53	2967270.65	X	X	--	--
5C	EA50	EA50-F_23	19-1	Lenox	185429.8	2967263.14	X	X	--	--
5C	EA50	EA50-G/H_12	19-1	Lenox	184898.14	2967198.3	X	X	--	--
5C	EA50	EA50-G/H_16	19-1	Lenox	185094.42	2967182.72	X	X	--	--
5C	EA50	EA50-G_15	19-1	Lenox	185025.96	2967211.07	X	X	--	--
5C	EA50	EA50-G_8	19-1	Lenox	184687.57	2967218.16	X	X	--	--
5C	EA50	EA50-H/I_10/11	19-1	Lenox	184805.16	2967143.13	X	X	--	--
5C	EA50	EA50-H_19/20	19-1	Lenox	185251.21	2967174.11	X	X	--	--
5C	EA50	EA50-H_22/23	19-1	Lenox	185399.3	2967154.9	X	X	--	--
5C	EA50	EA50-H_24/25	19-1	Lenox	185512.9	2967171.35	X	X	--	--
5C	EA50	EA50-H_9	19-1	Lenox	184731.89	2967155.67	X	X	--	--
5C	EA50	EA50-I/J_14	19-1	Lenox	184995.7	2967077.91	X	X	--	--
5C	EA50	EA50-I/J_19/20	19-1	Lenox	185271.22	2967088.5	X	X	--	--
5C	EA50	EA50-I/J_21	19-1	Lenox	185334.04	2967097.45	X	X	--	--
5C	EA50	EA50-I/J_22/23	19-1	Lenox	185409.46	2967089.89	X	X	--	--
5C	EA50	EA50-I/J_23/24	19-1	Lenox	185450.42	2967095.95	X	X	--	--
5C	EA50	EA50-I/J_24/25	19-1	Lenox	185520.75	2967085.43	X	X	--	--
5C	EA50	EA50-I_12/13	19-1	Lenox	184904.78	2967119.91	D	X	--	--
5C	EA50	EA50-I_16	19-1	Lenox	185093.21	2967123.04	X	X	--	--
5C	EA50	EA50-J/K_9/10	19-1	Lenox	184755.19	2967042.74	X	X	--	--
5C	EA50	EA50-K/L_13/14	19-1	Lenox	184953.63	2966997.58	X	X	--	--
5C	EA50	EA50-K/L_16	19-1	Lenox	185080.14	2966996.53	X	X	--	--
5C	EA50	EA50-K/L_21/22	19-1	Lenox	185350.18	2966991.52	X	X	--	--
5C	EA50	EA50-K/L_23/24	19-1	Lenox	185457.52	2966998.23	X	X	--	--
5C	EA50	EA50-K_24	19-1	Lenox	185482.65	2967023.41	X	X	--	--
5C	EA50	EA50-K_24/25	19-1	Lenox	185521.55	2967003.25	X	X	--	--
5C	EA50	EA50-K_4	19-1	Lenox	184483.85	2967010.07	X	X	--	--
5C	EA50	EA50-L/M_19/20	19-1	Lenox	185262.89	2966939.33	D	X	--	--
5C	EA50	EA50-M/N_10	19-1	Lenox	184787.28	2966893.01	X	X	--	--
5C	EA50	EA50-M/N_15/16	19-1	Lenox	185058.9	2966889.53	X	X	--	--
5C	EA50	EA50-M/N_21/22	19-1	Lenox	185369.65	2966885.73	X	X	--	--
5C	EA50	EA50-M_14	19-1	Lenox	184988.53	2966912.05	X	X	--	--
5C	EA50	EA50-M_23/24	19-1	Lenox	185459.12	2966912.1	X	X	--	--
5C	EA50	EA50-M_24/25	19-1	Lenox	185514.18	2966903.36	X	X	--	--
5C	EA50	EA50-M_7	19-1	Lenox	184648.06	2966903.76	X	X	--	--
5C	EA50	EA50-N_12/13	19-1	Lenox	184908.51	2966872.78	D	X	--	--

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Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5C	EA50	EA50-N_17	19-1	Lenox	185133.72	2966858.95	X	X	--	--
5C	EA50	EA50-O/P_10	19-1	Lenox	184776.03	2966783.88	D	X	--	--
5C	EA50	EA50-O/P_14/15	19-1	Lenox	185008.85	2966798.32	X	X	--	--
5C	EA50	EA50-O/P_15/16	19-1	Lenox	185066.78	2966785.46	X	X	--	--
5C	EA50	EA50-O/P_21	19-1	Lenox	185339.54	2966784.85	X	X	--	--
5C	EA50	EA50-O_24/25	19-1	Lenox	185521.87	2966816.02	X	X	--	--
5C	EA50	EA50-P/Q_17/18	19-1	Lenox	185154.67	2966731.84	X	X	--	--
5C	EA50	EA50-P/Q_22	19-1	Lenox	185378.76	2966749.42	X	X	--	--
5C	EA50	EA50-P/Q_7/8	19-1	Lenox	184660.13	2966750.75	X	X	--	--
5C	EA50	EA50-P_11/12	19-1	Lenox	184872.83	2966772.42	X	X	--	--
5C	EA50	EA50-P_19	19-1	Lenox	185240.84	2966757.14	X	X	--	--
5C	EA50	EA50-P_3/4	19-1	Lenox	184462.14	2966763.59	X	X	--	--
5C	EA50	EA50-Q/R_21/22	19-1	Lenox	185349.27	2966678.72	X	X	--	--
5C	EA50	EA50-Q/R_9/10	19-1	Lenox	184758.85	2966697.66	X	X	--	--
5C	EA50	EA50-Q_16	19-1	Lenox	185089.97	2966719.75	X	X	--	--
5C	EA50	EA50-Q_20	19-1	Lenox	185284.34	2966710.71	X	X	--	--
5C	EA50	EA50-Q_24/25	19-1	Lenox	185522.85	2966718.35	X	X	--	--
5C	EA50	EA50-R/S_18/19	19-1	Lenox	185211.71	2966640.47	X	X	--	--
5C	EA50	EA50-R/S_7	19-1	Lenox	184647.16	2966641.92	X	X	--	--
5C	EA50	EA50-S/T_18	19-1	Lenox	185193.3	2966578.18	X	X	--	--
5C	EA50	EA50-S/T_9	19-1	Lenox	184746.71	2966593.93	X	X	--	--
5C	EA50	EA50-S_11/12	19-1	Lenox	184862.63	2966611.79	X	X	--	--
5C	EA50	EA50-S_20	19-1	Lenox	185277.05	2966619.3	X	X	--	--
5C	EA50	EA50-S_25	19-1	Lenox	185528.14	2966625.76	X	X	--	--
5C	EA50	EA50-T/U_10/11	19-1	Lenox	184805.54	2966528.52	X	X	--	--
5C	EA50	EA50-T/U_25	19-1	Lenox	185525.43	2966533.41	X	X	--	--
5C	EA50	EA50-T/U_8/9	19-1	Lenox	184700.2	2966531.26	X	X	--	--
5C	EA50	EA50-T_21/22	19-1	Lenox	185353.24	2966574.86	X	X	--	--
5C	EA50	EA50-U/V_19	19-1	Lenox	185230.04	2966502.52	X	X	--	--
5C	EA50	EA50-U/V_20	19-1	Lenox	185282.45	2966502.57	X	X	--	--
5C	EA50	EA50-U/V_23/24	19-1	Lenox	185451.41	2966477.52	X	X	--	--
5C	EA50	EA50-U_13	19-1	Lenox	184932.91	2966518.56	X	X	--	--
5C	EA50	EA50-V/W_9/10	19-1	Lenox	184765.98	2966446.76	D	X	--	--
5C	EA50	EA50-V_11/12	19-1	Lenox	184863.79	2966454.01	X	X	--	--
5C	EA50	EA50-V_20/21	19-1	Lenox	185324	2966456.25	X	X	--	--
5C	EA50	EA50-V_4/5	19-1	Lenox	184508.29	2966461.19	X	X	--	--
5C	EA50	EA50-W/X_18/19	19-1	Lenox	185210.76	2966379.48	X	X	--	--
5C	EA50	EA50-W_14	19-1	Lenox	184997.58	2966409.09	X	X	--	--
5C	EA50	EA50-W_20	19-1	Lenox	185282.3	2966412.63	X	X	--	--
5C	EA50	EA50-W_25	19-1	Lenox	185528.22	2966420.17	X	X	--	--
5C	EA50	EA50-X/Y_12	19-1	Lenox	184876.46	2966350.29	X	X	--	--
5C	EA50	EA50-Y_17/18	19-1	Lenox	185162.5	2966305.35	D	X	--	--
5C	EA50	EA50-Y_23/24	19-1	Lenox	185465.77	2966323.45	D	X	--	--
5C	EA50	EA50-Z_24	19-1	Lenox	185494.75	2966260.99	X	X	--	--
5C	EA51	EA51-A/B_2	19-1	Lenox	184678.35	2964299.97	X	X	--	--
5C	EA51	EA51-AA/AB_11/12	19-1	Lenox	185166.41	2962989.29	X	X	--	--
5C	EA51	EA51-AA/Z_6/7	19-1	Lenox	184899.91	2963036.1	X	X	--	--
5C	EA51	EA51-AA_23/24	19-1	Lenox	185766.87	2963022.51	X	X	--	--
5C	EA51	EA51-AB_13	19-1	Lenox	185237.66	2962969.24	X	X	--	--
5C	EA51	EA51-AB_15	19-1	Lenox	185331.7	2962976.24	X	X	--	--
5C	EA51	EA51-AC/AD_16	19-1	Lenox	185387.49	2962882.49	X	X	--	--
5C	EA51	EA51-AC_14/15	19-1	Lenox	185310.43	2962914.69	X	X	--	--
5C	EA51	EA51-AC_23/24	19-1	Lenox	185766.53	2962922.31	D	X	--	--
5C	EA51	EA51-AD/AE_10	19-1	Lenox	185097.83	2962828.68	X	X	--	--
5C	EA51	EA51-AD/AE_20	19-1	Lenox	185597.39	2962837.15	X	X	--	--
5C	EA51	EA51-AD_12	19-1	Lenox	185187.14	2962853.33	X	X	--	--
5C	EA51	EA51-AD_13	19-1	Lenox	185224.93	2962868.18	X	X	--	--
5C	EA51	EA51-AD_18	19-1	Lenox	185493.19	2962855.09	X	X	--	--
5C	EA51	EA51-AE_14/15	19-1	Lenox	185319.89	2962822.9	X	X	--	--
5C	EA51	EA51-AE_16/17	19-1	Lenox	185417.14	2962818.35	X	X	--	--
5C	EA51	EA51-AF/AG_21/22	19-1	Lenox	185668.96	2962734.91	X	X	--	--
5C	EA51	EA51-AF_18	19-1	Lenox	185493.09	2962769.47	X	X	--	--
5C	EA51	EA51-AF_20	19-1	Lenox	185594.23	2962769.52	X	X	--	--
5C	EA51	EA51-AG/AH_12/13	19-1	Lenox	185213.82	2962694.05	X	X	--	--
5C	EA51	EA51-AG/AH_17/18	19-1	Lenox	185468.17	2962698.98	X	X	--	--
5C	EA51	EA51-AG_15/16	19-1	Lenox	185370.47	2962726.9	X	X	--	--
5C	EA51	EA51-AG_7	19-1	Lenox	184936.14	2962710.01	X	X	--	--

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					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5C	EA51	EA51-AH/AI_23/24	19-1	Lenox	185753.47	2962637.66	X	X	--	--
5C	EA51	EA51-AH_19	19-1	Lenox	185546.2	2962673.34	X	X	--	--
5C	EA51	EA51-AH_21	19-1	Lenox	185648.82	2962655.42	X	X	--	--
5C	EA51	EA51-AI/AJ_20	19-1	Lenox	185593.26	2962582.61	X	X	--	--
5C	EA51	EA51-AJ/AK_24	19-1	Lenox	185778.32	2962533.49	D	X	--	--
5C	EA51	EA51-AJ/AK_24/25	19-1	Lenox	185805.42	2962536.27	X	X	--	--
5C	EA51	EA51-AJ_17/18	19-1	Lenox	185451.93	2962555.28	D	X	--	--
5C	EA51	EA51-AJ_22	19-1	Lenox	185694.21	2962556.69	X	X	--	--
5C	EA51	EA51-AK_14	19-1	Lenox	185289.88	2962511.83	X	X	--	--
5C	EA51	EA51-AL/AM_11	19-1	Lenox	185148.64	2962445.14	X	X	--	--
5C	EA51	EA51-AL/AM_24	19-1	Lenox	185794.93	2962439.8	X	X	--	--
5C	EA51	EA51-AL_21	19-1	Lenox	185629.14	2962474.14	X	X	--	--
5C	EA51	EA51-AL_23	19-1	Lenox	185733.35	2962464.88	X	X	--	--
5C	EA51	EA51-AM/AN_13/14	19-1	Lenox	185256.49	2962382.05	X	X	--	--
5C	EA51	EA51-AM/AN_18/19	19-1	Lenox	185500.06	2962398.87	X	X	--	--
5C	EA51	EA51-AM_7/8	19-1	Lenox	184974.14	2962422.1	X	X	--	--
5C	EA51	EA51-AN/AO_24/25	19-1	Lenox	185808.31	2962337.4	X	X	--	--
5C	EA51	EA51-AN_21	19-1	Lenox	185630.33	2962370.77	X	X	--	--
5C	EA51	EA51-AN_23	19-1	Lenox	185729.81	2962363.93	X	X	--	--
5C	EA51	EA51-AN_5/6	19-1	Lenox	184866.73	2962375.76	X	X	--	--
5C	EA51	EA51-AO/AP_17/18	19-1	Lenox	185451.49	2962277.9	X	X	--	--
5C	EA51	EA51-AO/AP_24	19-1	Lenox	185795.3	2962284.22	D	X	--	--
5C	EA51	EA51-AP/AQ_24/25	19-1	Lenox	185823.83	2962231.16	X	X	--	--
5C	EA51	EA51-AP_10	19-1	Lenox	185087.96	2962275.45	X	X	--	--
5C	EA51	EA51-AP_22	19-1	Lenox	185696.09	2962273.29	X	X	--	--
5C	EA51	EA51-AQ/AR_10/11	19-1	Lenox	185105.83	2962196.56	X	X	--	--
5C	EA51	EA51-AQ/AR_21	19-1	Lenox	185629.89	2962197.11	X	X	--	--
5C	EA51	EA51-AQ/AR_23	19-1	Lenox	185746.28	2962181.75	X	X	--	--
5C	EA51	EA51-AQ/AR_7	19-1	Lenox	184944.39	2962192.89	X	X	--	--
5C	EA51	EA51-AQ_16/17	19-1	Lenox	185401.81	2962225.92	X	X	--	--
5C	EA51	EA51-AR/AS_25	19-1	Lenox	185833.71	2962152.78	D	X	--	--
5C	EA51	EA51-AS/AT_19/20	19-1	Lenox	185557.26	2962100.52	X	X	--	--
5C	EA51	EA51-AS/AT_22/23	19-1	Lenox	185713.03	2962077.68	X	X	--	--
5C	EA51	EA51-AS_22	19-1	Lenox	185688.09	2962119.73	X	X	--	--
5C	EA51	EA51-AT/AU_25	19-1	Lenox	185828.11	2962033.14	X	X	--	--
5C	EA51	EA51-AT/AU_7/8	19-1	Lenox	184954.65	2962039.86	X	X	--	--
5C	EA51	EA51-AT_14/15	19-1	Lenox	185314.82	2962055.02	X	X	--	--
5C	EA51	EA51-AT_23	19-1	Lenox	185737.8	2962064.66	X	X	--	--
5C	EA51	EA51-AU_22	19-1	Lenox	185678.08	2962007.51	X	X	--	--
5C	EA51	EA51-AV/AW_10	19-1	Lenox	185092.57	2961943.76	X	X	--	--
5C	EA51	EA51-AV/AW_15/16	19-1	Lenox	185359.92	2961939.73	X	X	--	--
5C	EA51	EA51-AV/AW_17/18	19-1	Lenox	185457.57	2961948.73	X	X	--	--
5C	EA51	EA51-AV/AW_24	19-1	Lenox	185783.82	2961933.23	X	X	--	--
5C	EA51	EA51-AV/AW_25/26	19-1	Lenox	185867.65	2961927.67	X	X	--	--
5C	EA51	EA51-AV/AW_33	19-1	Lenox	186229.44	2961936.23	X	X	--	--
5C	EA51	EA51-AV/AW_13/14	19-1	Lenox	185268.68	2961954.93	X	X	--	--
5C	EA51	EA51-AV_20	19-1	Lenox	185575.43	2961959.3	X	X	--	--
5C	EA51	EA51-AV_22	19-1	Lenox	185685.46	2961972.41	X	X	--	--
5C	EA51	EA51-AV_34/35	19-1	Lenox	186304.99	2961976.56	X	X	--	--
5C	EA51	EA51-AW/AX_11	19-1	Lenox	185147.17	2961878.12	X	X	--	--
5C	EA51	EA51-AW/AX_22	19-1	Lenox	185681.58	2961902.08	X	X	--	--
5C	EA51	EA51-AW/AX_34	19-1	Lenox	186285.54	2961897.61	X	X	--	--
5C	EA51	EA51-AW_8	19-1	Lenox	184996.97	2961922.02	X	X	--	--
5C	EA51	EA51-AX/AY_10	19-1	Lenox	185083.92	2961850.61	X	X	--	--
5C	EA51	EA51-AX/AY_21	19-1	Lenox	185633.04	2961830.64	X	X	--	--
5C	EA51	EA51-AX/AY_23	19-1	Lenox	185742.39	2961829.59	X	X	--	--
5C	EA51	EA51-AX/AY_8/9	19-1	Lenox	185006.02	2961837.43	X	X	--	--
5C	EA51	EA51-AX_14/15	19-1	Lenox	185319.2	2961864.01	X	X	--	--
5C	EA51	EA51-AX_18	19-1	Lenox	185497.62	2961854.7	X	X	--	--
5C	EA51	EA51-AX_20	19-1	Lenox	185580.14	2961874.17	X	X	--	--
5C	EA51	EA51-AX_25	19-1	Lenox	185829.77	2961856.39	X	X	--	--
5C	EA51	EA51-AX_31/32	19-1	Lenox	186170.38	2961872.83	D	X	--	--
5C	EA51	EA51-AY/AZ_11	19-1	Lenox	185144.95	2961793.32	X	X	--	--
5C	EA51	EA51-AY/AZ_13/14	19-1	Lenox	185259.73	2961798.3	X	X	--	--
5C	EA51	EA51-AY/AZ_15/16	19-1	Lenox	185366.24	2961787.27	X	X	--	--
5C	EA51	EA51-AY/AZ_18/19	19-1	Lenox	185510.13	2961795.1	X	X	--	--
5C	EA51	EA51-AY/AZ_29	19-1	Lenox	186044.93	2961801.5	X	X	--	--

**Appendix D**
**Proposed PCB Sample Tracking Matrix for Non-Residential Floodplain Soils**

Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5C	EA51	EA51-AY/AZ_30/31	19-1	Lenox	186119.38	2961784.82	X	X	--	--
5C	EA51	EA51-AY/AZ_33/34	19-1	Lenox	186255.56	2961798.17	X	X	--	--
5C	EA51	EA51-AY_21/22	19-1	Lenox	185665.4	2961816.4	X	X	--	--
5C	EA51	EA51-AY_24	19-1	Lenox	185781.17	2961807.93	X	X	--	--
5C	EA51	EA51-AY_27	19-1	Lenox	185935.72	2961811.97	X	X	--	--
5C	EA51	EA51-AY_6/7	19-1	Lenox	184913.82	2961808.17	X	X	--	--
5C	EA51	EA51-AZ/BA_25/26	19-1	Lenox	185863.96	2961740.4	X	X	--	--
5C	EA51	EA51-AZ/BA_32/33	19-1	Lenox	186205.77	2961730.35	X	X	--	--
5C	EA51	EA51-AZ/BA_6/7	19-1	Lenox	184914.27	2961749.21	X	X	--	--
5C	EA51	EA51-AZ_26/27	19-1	Lenox	185922.2	2961753.62	D	X	--	--
5C	EA51	EA51-AZ_28/29	19-1	Lenox	186019.99	2961759.16	X	X	--	--
5C	EA51	EA51-AZ_31/32	19-1	Lenox	186149.61	2961763.72	X	X	--	--
5C	EA51	EA51-AZ_33/34	19-1	Lenox	186249.5	2961776	X	X	--	--
5C	EA51	EA51-AZ_9	19-1	Lenox	185046.51	2961772.11	X	X	--	--
5C	EA51	EA51-B/C_19	19-1	Lenox	185542.16	2964250.09	X	X	--	--
5C	EA51	EA51-B/C_23/24	19-1	Lenox	185764.27	2964245.56	X	X	--	--
5C	EA51	EA51-B_11	19-1	Lenox	185147.94	2964266.03	D	X	--	--
5C	EA51	EA51-B_13	19-1	Lenox	185242.86	2964259.98	X	X	--	--
5C	EA51	EA51-BA_27/28	19-1	Lenox	185967.7	2961718.75	X	X	--	--
5C	EA51	EA51-BA_29/30	19-1	Lenox	186062.16	2961724.24	X	X	--	--
5C	EA51	EA51-BB/BC_29/30	19-1	Lenox	186069.62	2961639.22	X	X	--	--
5C	EA51	EA51-BB_31/32	19-1	Lenox	186166.86	2961668.48	X	X	--	--
5C	EA51	EA51-BC/BD_31	19-1	Lenox	186127.18	2961589.78	X	X	--	--
5C	EA51	EA51-BC_26	19-1	Lenox	185880.1	2961603.24	D	X	--	--
5C	EA51	EA51-BC_27/28	19-1	Lenox	185967.98	2961621.77	X	X	--	--
5C	EA51	EA51-BC_31/32	19-1	Lenox	186155.98	2961608.19	X	X	--	--
5C	EA51	EA51-BE/BF_24/25	19-1	Lenox	185803.35	2961498.14	X	X	--	--
5C	EA51	EA51-BE/BF_30	19-1	Lenox	186076.73	2961492.63	X	X	--	--
5C	EA51	EA51-BE/BF_7	19-1	Lenox	184927.55	2961489.8	D	X	--	--
5C	EA51	EA51-BE_26	19-1	Lenox	185893.1	2961523.29	X	X	--	--
5C	EA51	EA51-BE_28/29	19-1	Lenox	186006.99	2961526.27	X	X	--	--
5C	EA51	EA51-BE_30/31	19-1	Lenox	186122.44	2961526.29	X	X	--	--
5C	EA51	EA51-BF/BG_22/23	19-1	Lenox	185703.42	2961442	X	X	--	--
5C	EA51	EA51-BF_25/26	19-1	Lenox	185859.73	2961461.46	X	X	--	--
5C	EA51	EA51-BG/BH_21	19-1	Lenox	185626.42	2961394.84	X	X	--	--
5C	EA51	EA51-BG_24	19-1	Lenox	185798.67	2961404.98	X	X	--	--
5C	EA51	EA51-BG_26/27	19-1	Lenox	185918.85	2961410.51	X	X	--	--
5C	EA51	EA51-BG_29	19-1	Lenox	186038.84	2961410.32	D	X	--	--
5C	EA51	EA51-BH_7	19-1	Lenox	184940.54	2961374.38	D	X	--	--
5C	EA51	EA51-BI_24/25	19-1	Lenox	185814.25	2961314.03	X	X	--	--
5C	EA51	EA51-BI_26/27	19-1	Lenox	185917.85	2961318.46	X	X	--	--
5C	EA51	EA51-BI_28	19-1	Lenox	185976.57	2961303.18	X	X	--	--
5C	EA51	EA51-BJ/BK_19/20	19-1	Lenox	185554.69	2961233.27	X	X	--	--
5C	EA51	EA51-BJ/BK_24	19-1	Lenox	185783.61	2961227.73	D	X	--	--
5C	EA51	EA51-BJ_26	19-1	Lenox	185888.28	2961257.3	X	X	--	--
5C	EA51	EA51-BJ_28/29	19-1	Lenox	186015.27	2961267.81	X	X	--	--
5C	EA51	EA51-BJ_7/8	19-1	Lenox	184949.06	2961273.81	X	X	--	--
5C	EA51	EA51-BK/BL_27/28	19-1	Lenox	185968.04	2961190.42	D	X	--	--
5C	EA51	EA51-BL/BM_15/16	19-1	Lenox	185365.31	2961145.25	X	X	--	--
5C	EA51	EA51-BL/BM_23	19-1	Lenox	185741.61	2961142.67	X	X	--	--
5C	EA51	EA51-BL_25/26	19-1	Lenox	185850	2961175.21	X	X	--	--
5C	EA51	EA51-BL_7/8	19-1	Lenox	184959.6	2961169.64	X	X	--	--
5C	EA51	EA51-BM/BN_9	19-1	Lenox	185040.43	2961088.69	X	X	--	--
5C	EA51	EA51-BM_21/22	19-1	Lenox	185650.76	2961122.42	D	X	--	--
5C	EA51	EA51-BN/BO_17/18	19-1	Lenox	185465.77	2961037.77	X	X	--	--
5C	EA51	EA51-BN/BO_23	19-1	Lenox	185740.17	2961035.86	X	X	--	--
5C	EA51	EA51-BN_25	19-1	Lenox	185828.35	2961061.71	X	X	--	--
5C	EA51	EA51-BN_27	19-1	Lenox	185935.22	2961074.67	X	X	--	--
5C	EA51	EA51-BP/BQ_19/20	19-1	Lenox	185555.02	2960939.4	X	X	--	--
5C	EA51	EA51-BP/BQ_24/25	19-1	Lenox	185799.1	2960952.16	X	X	--	--
5C	EA51	EA51-BP_26/27	19-1	Lenox	185912.3	2960970.81	X	X	--	--
5C	EA51	EA51-BP_8	19-1	Lenox	184981.73	2960975.52	X	X	--	--
5C	EA51	EA51-BQ_9/10	19-1	Lenox	185070.89	2960924.66	X	X	--	--
5C	EA51	EA51-BR_26	19-1	Lenox	185884.93	2960871.37	X	X	--	--
5C	EA51	EA51-C/D_5	19-1	Lenox	184824.96	2964190.61	D	X	--	--
5C	EA51	EA51-C_13	19-1	Lenox	185225.52	2964221.12	X	X	--	--
5C	EA51	EA51-D/E_12	19-1	Lenox	185181.19	2964151.42	X	X	--	--

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					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5C	EA51	EA51-D/E_23	19-1	Lenox	185748.39	2964143.43	X	X	--	--
5C	EA51	EA51-D_10	19-1	Lenox	185097.36	2964162.24	X	X	--	--
5C	EA51	EA51-D_14	19-1	Lenox	185276.37	2964157.8	X	X	--	--
5C	EA51	EA51-D_20/21	19-1	Lenox	185607.18	2964174.08	X	X	--	--
5C	EA51	EA51-E/F_21	19-1	Lenox	185638.93	2964077.68	D	X	--	--
5C	EA51	EA51-G/H_22	19-1	Lenox	185687.46	2963980.35	X	X	--	--
5C	EA51	EA51-H/I_10/11	19-1	Lenox	185122.15	2963942.85	X	X	--	--
5C	EA51	EA51-H_12	19-1	Lenox	185179.88	2963963.85	X	X	--	--
5C	EA51	EA51-H_13	19-1	Lenox	185245.15	2963968.29	X	X	--	--
5C	EA51	EA51-I/J_23	19-1	Lenox	185743.63	2963881.04	X	X	--	--
5C	EA51	EA51-I/J_24/25	19-1	Lenox	185814.88	2963899.79	X	X	--	--
5C	EA51	EA51-I/J_26/27	19-1	Lenox	185923.05	2963880.18	D	X	--	--
5C	EA51	EA51-I/J_5/6	19-1	Lenox	184852.37	2963890.92	D	X	--	--
5C	EA51	EA51-J/K_10	19-1	Lenox	185091.74	2963836.45	X	X	--	--
5C	EA51	EA51-J_11	19-1	Lenox	185137.13	2963872.7	X	X	--	--
5C	EA51	EA51-J_12/13	19-1	Lenox	185210.01	2963869.17	X	X	--	--
5C	EA51	EA51-J_28/29	19-1	Lenox	186020.48	2963857.24	X	X	--	--
5C	EA51	EA51-K/L_11/12	19-1	Lenox	185167.33	2963797.25	X	X	--	--
5C	EA51	EA51-K/L_29	19-1	Lenox	186043.06	2963781.01	X	X	--	--
5C	EA51	EA51-K_25	19-1	Lenox	185846.49	2963806.55	X	X	--	--
5C	EA51	EA51-K_27/28	19-1	Lenox	185949.71	2963811.72	D	X	--	--
5C	EA51	EA51-K_8	19-1	Lenox	184990.01	2963815.91	X	X	--	--
5C	EA51	EA51-L/M_10	19-1	Lenox	185094.71	2963727.72	X	X	--	--
5C	EA51	EA51-L_10/11	19-1	Lenox	185109.27	2963755.9	D	X	--	--
5C	EA51	EA51-L_13	19-1	Lenox	185237.1	2963762.6	X	X	--	--
5C	EA51	EA51-L_23/24	19-1	Lenox	185770.2	2963758.97	X	X	--	--
5C	EA51	EA51-M/N_14	19-1	Lenox	185281.63	2963678.91	X	X	--	--
5C	EA51	EA51-M/N_25	19-1	Lenox	185840.68	2963694.6	D	X	--	--
5C	EA51	EA51-M/N_27/28	19-1	Lenox	185966.82	2963701	D	X	--	--
5C	EA51	EA51-M/N_29	19-1	Lenox	186033.62	2963698	X	X	--	--
5C	EA51	EA51-M_9	19-1	Lenox	185035.28	2963706.06	D	X	--	--
5C	EA51	EA51-N/O_3	19-1	Lenox	184732.51	2963648.87	D	X	--	--
5C	EA51	EA51-N_12	19-1	Lenox	185181.52	2963669.6	X	X	--	--
5C	EA51	EA51-O/P_13	19-1	Lenox	185236.21	2963596.04	X	X	--	--
5C	EA51	EA51-O/P_14/15	19-1	Lenox	185309.48	2963578.44	X	X	--	--
5C	EA51	EA51-O/P_25	19-1	Lenox	185825.29	2963589.46	X	X	--	--
5C	EA51	EA51-O/P_27/28	19-1	Lenox	185957.57	2963593.78	X	X	--	--
5C	EA51	EA51-O/P_7/8	19-1	Lenox	184962.45	2963581.3	D	X	--	--
5C	EA51	EA51-O_10	19-1	Lenox	185092.62	2963611.16	X	X	--	--
5C	EA51	EA51-O_27	19-1	Lenox	185925.67	2963623.18	X	X	--	--
5C	EA51	EA51-Q_11/12	19-1	Lenox	185161.11	2963523.55	X	X	--	--
5C	EA51	EA51-Q_13/14	19-1	Lenox	185251.35	2963504.2	X	X	--	--
5C	EA51	EA51-Q_24/25	19-1	Lenox	185815.75	2963509.33	X	X	--	--
5C	EA51	EA51-Q_26	19-1	Lenox	185881.61	2963516.88	X	X	--	--
5C	EA51	EA51-Q_26/27	19-1	Lenox	185913.1	2963512.59	X	X	--	--
5C	EA51	EA51-R/S_14/15	19-1	Lenox	185314.51	2963428.42	X	X	--	--
5C	EA51	EA51-R/S_25	19-1	Lenox	185829.31	2963448.95	D	X	--	--
5C	EA51	EA51-R_12/13	19-1	Lenox	185224.28	2963475.3	X	X	--	--
5C	EA51	EA51-R_15	19-1	Lenox	185336.55	2963469.65	X	X	--	--
5C	EA51	EA51-R_26	19-1	Lenox	185880	2963454.38	X	X	--	--
5C	EA51	EA51-S_11/12	19-1	Lenox	185174.73	2963419.77	X	X	--	--
5C	EA51	EA51-S_24/25	19-1	Lenox	185816.04	2963406.91	X	X	--	--
5C	EA51	EA51-T/U_13/14	19-1	Lenox	185261.09	2963340.05	X	X	--	--
5C	EA51	EA51-T/U_25	19-1	Lenox	185832.78	2963336.88	X	X	--	--
5C	EA51	EA51-T_15	19-1	Lenox	185333.54	2963370.95	X	X	--	--
5C	EA51	EA51-T_24/25	19-1	Lenox	185816.13	2963356.2	X	X	--	--
5C	EA51	EA51-U/V_15/16	19-1	Lenox	185353.12	2963277.97	X	X	--	--
5C	EA51	EA51-U_10/11	19-1	Lenox	185105.61	2963308.26	X	X	--	--
5C	EA51	EA51-U_12/13	19-1	Lenox	185216.48	2963324.71	X	X	--	--
5C	EA51	EA51-U_4/5	19-1	Lenox	184808.83	2963322.82	X	X	--	--
5C	EA51	EA51-V_14/15	19-1	Lenox	185317.36	2963264.12	X	X	--	--
5C	EA51	EA51-W_13/14	19-1	Lenox	185266.01	2963222	X	X	--	--
5C	EA51	EA51-X/Y_10/11	19-1	Lenox	185113.19	2963139.93	X	X	--	--
5C	EA51	EA51-X_12/13	19-1	Lenox	185210.47	2963173.97	X	X	--	--
5C	EA51	EA51-X_13/14	19-1	Lenox	185265.95	2963164.34	X	X	--	--
5C	EA51	EA51-X_15	19-1	Lenox	185339.11	2963175.56	X	X	--	--
5C	EA51	EA51-Y/Z_12/13	19-1	Lenox	185206.7	2963094.77	X	X	--	--

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					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5C	EA51	EA51-Y_24	19-1	Lenox	185775.07	2963123.22	X	X	--	--
5C	EA51	EA51-Z_12/13	19-1	Lenox	185216.8	2963065.99	D	X	--	--
5C	EA51	EA51-Z_14	19-1	Lenox	185293.41	2963064.57	X	X	--	--
5C	EA51	EA51-Z_15	19-1	Lenox	185329.07	2963071.27	X	X	--	--
5C	EA52	EA52-AA_5	1-4A	Lee	185989.27	2962972.65	X	X	--	--
5C	EA52	EA52-X/Y_11	1-4A	Lee	186283.22	2963088.58	X	X	X	X
5C	EA52	EA52-X/Y_5	1-4A	Lee	185985.04	2963098.91	X	X	--	--
5C	EA52	EA52-X/Y_9	1-4A	Lee	186192.99	2963081.55	X	X	X	X
5C	EA52	EA52-X/10/11	1-4A	Lee	186262.06	2963113.54	X	X	--	--
5C	EA52	EA52-Y_5	1-4A	Lee	185991.62	2963056.43	X	X	X	X
5C	EA52	EA52-Y_7	1-4A	Lee	186089.59	2963068.24	X	X	X	X
5C	EA52	EA52-Y_8	1-4A	Lee	186132.49	2963053.67	X	X	--	--
5C	EA53	EA53-AP/AQ_12	1-4A	Lee	186329.95	2962198.45	X	X	--	--
5C	EA53	EA53-AQ/AR_12	1-4A	Lee	186326.41	2962135.75	X	X	--	--
5C	EA53	EA53-AQ/AR_7	1-4A	Lee	186093.82	2962140.88	X	X	X	X
5C	EA53	EA53-AQ/AR_9	1-4A	Lee	186196.86	2962150	X	X	X	X
5C	EA53	EA53-AQ/AR_9/10	1-4A	Lee	186219.47	2962131.54	X	X	--	--
5C	EA53	EA53-AQ_11	1-4A	Lee	186281.12	2962159.93	X	X	X	X
5C	EA53	EA53-AQ_12/13	1-4A	Lee	186370.7	2962157.7	X	X	X	X
5C	EA53	EA53-AR_13	1-4A	Lee	186379.54	2962108.16	X	X	--	--
5C	EA53	EA53-AR_7	1-4A	Lee	186088.23	2962111.66	X	X	--	--
5C	EA54	EA54-A_3/4	19-1	Lenox	185921.64	2964258.77	D	X	--	--
5C	EA54	EA54-AA/AB_9/10	1-4A	Lee	186223.2	2962930.35	X	X	--	--
5C	EA54	EA54-AA/Z_11/12	1-4A	Lee	186299.74	2962991.55	X	X	--	--
5C	EA54	EA54-AA/Z_3/4	1-4A	Lee	185918.39	2962993.73	X	X	--	--
5C	EA54	EA54-AB/AC_10/11	1-4A	Lee	186253.55	2962891.53	X	X	--	--
5C	EA54	EA54-AB_4/5	1-4A	Lee	185958.75	2962908.02	D	X	--	--
5C	EA54	EA54-AC/AD_8/9	1-4A	Lee	186152.36	2962843.6	X	X	--	--
5C	EA54	EA54-AD_8/9	1-4A	Lee	186161.97	2962826.39	X	X	--	--
5C	EA54	EA54-AE/AF_7/8	1-4A	Lee	186110.29	2962750.76	X	X	--	--
5C	EA54	EA54-AE_9/10	1-4A	Lee	186200.05	2962758.67	X	X	--	--
5C	EA54	EA54-AF/AG_8	1-4A	Lee	186135.7	2962687.52	X	X	--	--
5C	EA54	EA54-AF_5	1-4A	Lee	185978.68	2962726.94	D	X	--	--
5C	EA54	EA54-AF_7	1-4A	Lee	186079.37	2962725.84	X	X	--	--
5C	EA54	EA54-AG/AH_7	1-4A	Lee	186095.37	2962641.69	X	X	--	--
5C	EA54	EA54-AG/AH_9/10	1-4A	Lee	186207.45	2962638.28	X	X	--	--
5C	EA54	EA54-AG_5/6	1-4A	Lee	186019.61	2962660.74	X	X	--	--
5C	EA54	EA54-AH/AI_5	1-4A	Lee	185993.99	2962580.44	X	X	--	--
5C	EA54	EA54-AH/AI_5/6	1-4A	Lee	186012.01	2962582.99	X	X	--	--
5C	EA54	EA54-AI/AJ_7/8	1-4A	Lee	186102.67	2962536.12	D	X	--	--
5C	EA54	EA54-AI/AJ_8/9	1-4A	Lee	186167.88	2962532.87	X	X	--	--
5C	EA54	EA54-AI/AJ_9/10	1-4A	Lee	186201.7	2962531.69	X	X	--	--
5C	EA54	EA54-AJ/AK_5/6	1-4A	Lee	186021.17	2962491.56	D	X	--	--
5C	EA54	EA54-AK/AL_10/11	1-4A	Lee	186249.09	2962429.97	X	X	--	--
5C	EA54	EA54-AK/AL_6/7	1-4A	Lee	186050.82	2962437.91	X	X	--	--
5C	EA54	EA54-AK_9/10	1-4A	Lee	186215.02	2962468.57	X	X	--	--
5C	EA54	EA54-AL/AM_5/6	1-4A	Lee	186021.98	2962393.13	X	X	--	--
5C	EA54	EA54-AM_10	1-4A	Lee	186247.53	2962369.37	X	X	--	--
5C	EA54	EA54-AN/AO_11	1-4A	Lee	186281.39	2962279.74	X	X	--	--
5C	EA54	EA54-AN/AO_6	1-4A	Lee	186035	2962299.11	D	X	--	--
5C	EA54	EA54-AN_11/12	1-4A	Lee	186301.12	2962326.98	X	X	--	--
5C	EA54	EA54-AO/AP_12/13	1-4A	Lee	186357.07	2962249.26	X	X	--	--
5C	EA54	EA54-AP/AQ_6/7	1-4A	Lee	186057.7	2962202.93	X	X	--	--
5C	EA54	EA54-AR/AS_6/7	1-4A	Lee	186054.09	2962091.44	X	X	--	--
5C	EA54	EA54-AS_6	1-4A	Lee	186027.56	2962057.85	X	X	--	--
5C	EA54	EA54-AU_6/7	1-4A	Lee	186061.3	2961960.14	X	X	--	--
5C	EA54	EA54-B/C_8	19-1	Lenox	186137.23	2964193.83	X	X	--	--
5C	EA54	EA54-B/C_8/9	19-1	Lenox	186173.04	2964202.95	X	X	--	--
5C	EA54	EA54-B_4	19-1	Lenox	185929.43	2964213.48	D	X	--	--
5C	EA54	EA54-B_5/6	19-1	Lenox	186014.96	2964221.34	X	X	--	--
5C	EA54	EA54-C_3	19-1	Lenox	185887.26	2964157.85	X	X	--	--
5C	EA54	EA54-D/E_7/8	19-1	Lenox	186113.1	2964099.11	D	X	--	--
5C	EA54	EA54-D_3	19-1	Lenox	185881.38	2964114.27	X	X	--	--
5C	EA54	EA54-E/F_9	19-1	Lenox	186196.94	2964027.26	X	X	--	--
5C	EA54	EA54-E_3	19-1	Lenox	185896.4	2964071.16	X	X	--	--
5C	EA54	EA54-F/G_6/7	19-1	Lenox	186057.85	2963979.1	X	X	--	--
5C	EA54	EA54-F/G_7/8	19-1	Lenox	186108.47	2963979.55	X	X	--	--

**Appendix D**
**Proposed PCB Sample Tracking Matrix for Non-Residential Floodplain Soils**

Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5C	EA54	EA54-F_2/3	19-1	Lenox	185852.84	2964016.64	X	X	--	--
5C	EA54	EA54-H_8/9	19-1	Lenox	186153.67	2963907.05	X	X	--	--
5C	EA54	EA54-H_9	19-1	Lenox	186194.71	2963906.87	X	X	--	--
5C	EA54	EA54-I_9/10	19-1	Lenox	186209.2	2963869.72	X	X	--	--
5C	EA54	EA54-J_9	19-1	Lenox	186195.11	2963805.18	X	X	--	--
5C	EA54	EA54-K_9/10	19-1	Lenox	186224.62	2963771.36	X	X	--	--
5C	EA54	EA54-L/M_9/10	1-4A	Lee	186210.72	2963681.67	X	X	--	--
5C	EA54	EA54-L_9	1-4A	Lee	186186.6	2963719.31	X	X	--	--
5C	EA54	EA54-M/N_10/11	1-4A	Lee	186271.96	2963634.13	X	X	--	--
5C	EA54	EA54-M_10/11	1-4A	Lee	186274.57	2963663.28	X	X	--	--
5C	EA54	EA54-N/O_11/12	1-4A	Lee	186316.19	2963584.89	X	X	--	--
5C	EA54	EA54-N/O_8/9	1-4A	Lee	186165.7	2963596.88	D	X	--	--
5C	EA54	EA54-N_8	1-4A	Lee	186132.42	2963622.49	X	X	--	--
5C	EA54	EA54-O/P_11/12	1-4A	Lee	186312.37	2963537.3	X	X	--	--
5C	EA54	EA54-P/Q_12/13	1-4A	Lee	186349.68	2963496.51	X	X	--	--
5C	EA54	EA54-P_7	1-4A	Lee	186081.81	2963526.57	X	X	--	--
5C	EA54	EA54-Q/R_5/6	1-4A	Lee	186022.55	2963436.74	X	X	--	--
5C	EA54	EA54-Q_12	1-4A	Lee	186343.78	2963459.28	X	X	--	--
5C	EA54	EA54-R/S_12/13	1-4A	Lee	186364.04	2963386.07	X	X	--	--
5C	EA54	EA54-S/T_6/7	1-4A	Lee	186065.88	2963338.63	X	X	--	--
5C	EA54	EA54-S_12	1-4A	Lee	186341.21	2963359.27	X	X	--	--
5C	EA54	EA54-T/U_11	1-4A	Lee	186277.57	2963283.91	X	X	--	--
5C	EA54	EA54-T_4/5	1-4A	Lee	185972.56	2963311.28	X	X	--	--
5C	EA54	EA54-U/V_12	1-4A	Lee	186329.35	2963249.91	X	X	--	--
5C	EA54	EA54-U/V_9	1-4A	Lee	186180.81	2963233.77	X	X	--	--
5C	EA54	EA54-U_7	1-4A	Lee	186083.41	2963255.92	D	X	--	--
5C	EA54	EA54-V/W_11	1-4A	Lee	186290.02	2963196.08	X	X	--	--
5C	EA54	EA54-V/W_6	1-4A	Lee	186031.84	2963186.88	X	X	--	--
5C	EA54	EA54-V_4	1-4A	Lee	185925.55	2963206.48	X	X	--	--
5C	EA54	EA54-W/X_11	1-4A	Lee	186293	2963152.21	X	X	--	--
5C	EA54	EA54-W/X_5	1-4A	Lee	185995.17	2963151.09	D	X	--	--
5C	EA54	EA54-W/X_7	1-4A	Lee	186076.22	2963129.45	X	X	--	--
5C	EA54	EA54-W/X_9	1-4A	Lee	186181.18	2963128.48	D	X	--	--
5C	EA54	EA54-W_3/4	1-4A	Lee	185912.77	2963167.06	X	X	--	--
5C	EA54	EA54-W_8	1-4A	Lee	186132.95	2963170.22	X	X	--	--
5C	EA54	EA54-X_4	1-4A	Lee	185930.92	2963109.09	D	X	--	--
5C	EA54	EA54-Y/Z_10	1-4A	Lee	186228.8	2963032.04	D	X	--	--
5C	EA55	EA55-A/B_13	1-3	Lee	186329.04	2961680.58	X	X	--	--
5C	EA55	EA55-AA/AB_5	1-3	Lee	185937.27	2960396.46	X	X	--	--
5C	EA55	EA55-AA/Z_12	1-3	Lee	186288.68	2960428.18	X	X	--	--
5C	EA55	EA55-AB_14	1-3	Lee	186388.41	2960374.96	X	X	--	--
5C	EA55	EA55-AB_3	1-3	Lee	185837.86	2960359.55	X	X	--	--
5C	EA55	EA55-AC/AD_13	1-3	Lee	186327.06	2960280.21	X	X	--	--
5C	EA55	EA55-AC_12	1-3	Lee	186287.55	2960313.55	X	X	--	--
5C	EA55	EA55-AD/AE_14/15	1-3	Lee	186414.88	2960232.26	X	X	--	--
5C	EA55	EA55-AD_2/3	1-3	Lee	185801.44	2960267.88	X	X	--	--
5C	EA55	EA55-AE/AF_2	1-3	Lee	185791.6	2960192.91	X	X	--	--
5C	EA55	EA55-AE_11/12	1-3	Lee	186268.79	2960205.51	X	X	--	--
5C	EA55	EA55-AE_17	1-3	Lee	186534	2960223.89	X	X	--	--
5C	EA55	EA55-AF/AG_3	1-3	Lee	185828.32	2960133.18	X	X	--	--
5C	EA55	EA55-AF_12	1-3	Lee	186297.35	2960166.99	X	X	--	--
5C	EA55	EA55-AG_11/12	1-3	Lee	186267.46	2960103.52	X	X	--	--
5C	EA55	EA55-AG_14	1-3	Lee	186380.36	2960108	X	X	--	--
5C	EA55	EA55-AH_4	1-3	Lee	185889.24	2960072.21	X	X	--	--
5C	EA55	EA55-AI/AJ_10/11	1-3	Lee	186220.16	2959994.96	X	X	--	--
5C	EA55	EA55-AI_12	1-3	Lee	186281.11	2960007.44	X	X	--	--
5C	EA55	EA55-AI_14	1-3	Lee	186377.33	2960008.63	X	X	--	--
5C	EA55	EA55-D/E_12	1-3	Lee	186278.1	2961547.15	X	X	--	--
5C	EA55	EA55-F/G_11	1-3	Lee	186239.45	2961432.52	X	X	--	--
5C	EA55	EA55-H/I_10/11	1-3	Lee	186210.62	2961341.8	X	X	--	--
5C	EA55	EA55-H/I_12	1-3	Lee	186283.19	2961338.96	X	X	--	--
5C	EA55	EA55-J/K_9/10	1-3	Lee	186156.94	2961241.39	X	X	--	--
5C	EA55	EA55-K_10/11	1-3	Lee	186220.41	2961226.17	X	X	--	--
5C	EA55	EA55-K_12/13	1-3	Lee	186310.77	2961224.22	X	X	--	--
5C	EA55	EA55-L/M_12	1-3	Lee	186290.44	2961134.1	X	X	--	--
5C	EA55	EA55-L/M_8/9	1-3	Lee	186113.62	2961152.64	D	X	--	--
5C	EA55	EA55-L/M_9	1-3	Lee	186147.19	2961143.37	X	X	--	--

**Appendix D**
**Proposed PCB Sample Tracking Matrix for Non-Residential Floodplain Soils**

Reach	Exposure Area	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
					Easting	Northing	0-6"	6-12"	12-24"	24-36"
5C	EA55	EA55-M/N_11	1-3	Lee	186235.84	2961079.47	D	X	--	--
5C	EA55	EA55-N/O_8	1-3	Lee	186096.68	2961043.9	X	X	--	--
5C	EA55	EA55-N_9/10	1-3	Lee	186152.58	2961058.15	X	X	--	--
5C	EA55	EA55-O/P_10	1-3	Lee	186187.41	2960989.66	X	X	--	--
5C	EA55	EA55-P/Q_8	1-3	Lee	186082.46	2960950.77	X	X	--	--
5C	EA55	EA55-Q/R_8/9	1-3	Lee	186119.98	2960899.42	X	X	--	--
5C	EA55	EA55-Q_11	1-3	Lee	186226.26	2960920.29	X	X	--	--
5C	EA55	EA55-R/S_7	1-3	Lee	186033.3	2960844.87	X	X	--	--
5C	EA55	EA55-S_10	1-3	Lee	186192.08	2960821.43	X	X	--	--
5C	EA55	EA55-S_16	1-3	Lee	186482.74	2960822.24	X	X	--	--
5C	EA55	EA55-S_8	1-3	Lee	186095.8	2960821.51	X	X	--	--
5C	EA55	EA55-T/U_6	1-3	Lee	185994.34	2960745.64	X	X	--	--
5C	EA55	EA55-U/V_13/14	1-3	Lee	186360.73	2960680.28	X	X	--	--
5C	EA55	EA55-U/V_8/9	1-3	Lee	186101.13	2960694.03	X	X	--	--
5C	EA55	EA55-U_9	1-3	Lee	186143.35	2960721.35	X	X	--	--
5C	EA55	EA55-V/W_10/11	1-3	Lee	186206.58	2960637.22	X	X	--	--
5C	EA55	EA55-V_5/6	1-3	Lee	185959.92	2960661.74	X	X	--	--
5C	EA55	EA55-W/X_18	1-3	Lee	186590.86	2960590.42	X	X	--	--
5C	EA55	EA55-W_5	1-3	Lee	185941.53	2960619.83	X	X	--	--
5C	EA55	EA55-X/Y_4/5	1-3	Lee	185907.16	2960541.62	X	X	--	--
5C	EA55	EA55-X/Y_5/6	1-3	Lee	185951.24	2960545.49	X	X	--	--
5C	EA55	EA55-Y/Z_11	1-3	Lee	186226.15	2960488.03	X	X	--	--
5C	EA55	EA55-Z_4	1-3	Lee	185880.88	2960456.9	X	X	--	--

Notes:

X: sample to be analyzed for PCBs upon receipt by the laboratory

D: sample to be discarded

Coordinates are in NAD83 Massachusetts State Plane Mainland, U.S. Feet

NAD83: North American Datum of 1983

PCB: polychlorinated biphenyl

## Appendix E

### Proposed PCB Sample Tracking Matrix – Vernal Pool Soils

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**Appendix E**
**Proposed PCB Sample Tracking Matrix for Vernal Pool Soils**

Reach	Exposure Area	Vernal Pool ID	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
						Easting	Northing	0-6"	6-12"	12-24"	24-36"
5B	EA35	5B-VP-10	5BVP10-E/F_7/8	34-3	Lenox	186969.96	2975287.08	X	X	--	--
5B	EA35	5B-VP-10	5BVP10-F/G_8	34-3	Lenox	186979.43	2975240.21	X	X	--	--
5B	EA35	5B-VP-10	5BVP10-G/H_8	29-3	Lenox	186995.64	2975188.51	X	X	--	--
5B	EA35	5B-VP-11	5BVP11-B/C_9/10	29-3	Lenox	186961.02	2975093.95	X	X	--	--
5B	EA35	5B-VP-5	5BVP5-B/C_2/3	34-3	Lenox	186265.46	2975941.19	X	X	--	--
5B	EA35	5B-VP-5	5BVP5-C/D_3	34-3	Lenox	186282.56	2975890.28	X	X	--	--
5B	EA35	5B-VP-5	5BVP5-C_2	34-3	Lenox	186231.59	2975903.09	X	X	--	--
5B	EA35	5B-VP-5	5BVP5-D/E_6	34-3	Lenox	186444.34	2975838.82	X	X	--	--
5B	EA35	5B-VP-5	5BVP5-D/E_7	34-3	Lenox	186494.02	2975844.48	X	X	--	--
5B	EA35	5B-VP-5	5BVP5-D_2	34-3	Lenox	186233.46	2975857.08	X	X	--	--
5B	EA35	5B-VP-5	5BVP5-E/F_5/6	34-3	Lenox	186411.92	2975788.50	X	X	--	--
5B	EA35	5B-VP-5	5BVP5-E/F_6/7	34-3	Lenox	186464.70	2975796.00	X	X	--	--
5B	EA35	5B-VP-5	5BVP5-E_2	34-3	Lenox	186233.30	2975807.53	X	X	--	--
5B	EA35	5B-VP-5	5BVP5-F_2	34-3	Lenox	186247.89	2975753.01	X	X	--	--
5B	EA35	5B-VP-5	5BVP5-F_3/4	34-3	Lenox	186309.92	2975770.90	X	X	--	--
5B	EA35	5B-VP-5	5BVP5-F_4/5	34-3	Lenox	186367.56	2975770.50	X	X	--	--
5B	EA35	5B-VP-6	5BVP6-B/C_2	34-3	Lenox	186681.62	2975451.11	D	X	--	--
5B	EA35	5B-VP-6	5BVP6-B_1/2	34-3	Lenox	186670.31	2975476.51	D	X	--	--
5B	EA35	5B-VP-6	5BVP6-B_2	34-3	Lenox	186697.62	2975474.98	X	X	--	--
5B	EA36	5B-VP-1	5BVP1-A/B_2/3	34-1	Lenox	186452.93	2976236.14	X	X	--	--
5B	EA36	5B-VP-1	5BVP1-C_3/4	34-1	Lenox	186517.29	2976153.19	X	X	--	--
5B	EA36	5B-VP-1	5BVP1-D/E_4/5	34-1	Lenox	186560.00	2976094.38	X	X	--	--
5B	EA36	5B-VP-13	5BVP13-I/J_6	29-9	Lenox	187425.48	2975178.79	X	X	--	--
5B	EA36	5B-VP-13	5BVP13-J/K_4	29-9	Lenox	187326.01	2975151.70	X	X	--	--
5B	EA36	5B-VP-13	5BVP13-J/K_7/8	29-9	Lenox	187516.04	2975142.21	X	X	--	--
5B	EA36	5B-VP-13	5BVP13-K/L_9/10	29-9	Lenox	187609.39	2975092.05	X	X	--	--
5B	EA36	5B-VP-7	5BVP7-A/B_6/7	34-1	Lenox	187458.81	2975584.78	D	X	--	--
5B	EA36	5B-VP-7	5BVP7-A/B_7	34-1	Lenox	187495.34	2975588.45	X	X	--	--
5B	EA36	5B-VP-7	5BVP7-B_7	34-1	Lenox	187478.35	2975558.29	X	X	--	--
5B	EA36	5B-VP-8	5BVP8-G/H_4	34-1	Lenox	187347.89	2975288.22	X	X	--	--
5B	EA36	5B-VP-8	5BVP8-G/H_5	34-1	Lenox	187387.91	2975286.57	X	X	--	--
5B	EA36	5B-VP-8	5BVP8-H_4/5	34-1	Lenox	187372.55	2975262.67	X	X	--	--
5B	EA37	5B-VP-11	5BVP11-C/D_9/10	29-3	Lenox	186970.28	2975043.29	X	X	--	--
5B	EA37	5B-VP-11	5BVP11-D/E_10/11	29-3	Lenox	187015.36	2974995.06	X	X	--	--
5B	EA37	5B-VP-12	5BVP12-E/F_8/9	29-3	Lenox	186912.47	2974928.17	X	X	--	--
5B	EA37	5B-VP-12	5BVP12-F/G_9/10	29-3	Lenox	186964.19	2974880.08	X	X	--	--
5B	EA37	5B-VP-12	5BVP12-G/H_10/11	29-3	Lenox	187001.66	2974834.25	X	X	--	--
5B	EA37	5B-VP-12	5BVP12-H/I_11	29-3	Lenox	187036.09	2974784.20	X	X	--	--
5B	EA37	5B-VP-12	5BVP12-L_11/12	29-3	Lenox	187061.70	2974756.44	X	X	--	--
5B	EA37	5B-VP-15	5BVP15-M/N_13/14	29-3	Lenox	187158.48	2974532.81	X	X	--	--
5B	EA37	5B-VP-15	5BVP15-N/O_12/13	29-3	Lenox	187103.70	2974501.86	X	X	--	--
5B	EA37	5B-VP-15	5BVP15-N_13	29-3	Lenox	187140.72	2974504.69	X	X	--	--
5B	EA37	5B-VP-17	5BVP17-L/M_10	29-3	Lenox	186980.27	2974587.84	D	X	--	--
5B	EA37	5B-VP-17	5BVP17-M/N_10	29-3	Lenox	186978.89	2974536.02	X	X	--	--
5B	EA37	5B-VP-17	5BVP17-M_10/11	29-3	Lenox	187021.10	2974573.36	X	X	--	--
5B	EA37	5B-VP-17	5BVP17-M_8	29-3	Lenox	186880.52	2974558.90	X	X	--	--
5B	EA37	5B-VP-17	5BVP17-M_9	29-3	Lenox	186936.21	2974559.03	X	X	--	--
5B	EA37	5B-VP-17	5BVP17-N_5	29-3	Lenox	186725.49	2974510.48	X	X	--	--
5B	EA37	5B-VP-17	5BVP17-N_6	29-3	Lenox	186775.07	2974516.47	X	X	--	--
5B	EA37	5B-VP-17	5BVP17-N_7	29-3	Lenox	186833.91	2974524.99	X	X	--	--
5B	EA37	5B-VP-17	5BVP17-N_8	29-3	Lenox	186883.67	2974510.93	X	X	--	--
5B	EA37	5B-VP-17	5BVP17-N_9	29-3	Lenox	186935.20	2974503.28	X	X	--	--
5B	EA37	5B-VP-18	5BVP18-L/M_2/3	29-3	Lenox	186611.38	2974598.70	X	X	--	--
5B	EA37	5B-VP-18	5BVP18-L_3/4	29-3	Lenox	186655.48	2974614.60	D	X	--	--
5B	EA37	5B-VP-18	5BVP18-M/N_1/2	29-3	Lenox	186567.21	2974532.70	X	X	--	--
5B	EA37	5B-VP-18	5BVP18-M_2	29-3	Lenox	186588.56	2974572.32	X	X	--	--
5B	EA37	5B-VP-19	5BVP19-B/C_5/6	29-3	Lenox	185949.56	2974282.27	D	X	--	--
5B	EA37	5B-VP-19	5BVP19-B/C_6	29-3	Lenox	185981.51	2974293.63	X	X	--	--
5B	EA37	5B-VP-19	5BVP19-B_5/6	29-3	Lenox	185954.06	2974309.92	X	X	--	--
5B	EA37	5B-VP-22	5BVP22-O/P_2	29-3	Lenox	185796.37	2973632.80	X	X	--	--
5B	EA37	5B-VP-22	5BVP22-P/Q_2/3	29-3	Lenox	185805.56	2973592.28	X	X	--	--
5B	EA37	5B-VP-22	5BVP22-P/Q_3	29-3	Lenox	185847.98	2973587.37	X	X	--	--
5B	EA37	5B-VP-22	5BVP22-Q/R_3/4	29-3	Lenox	185867.29	2973534.23	X	X	--	--
5B	EA37	5B-VP-22	5BVP22-Q_3	29-3							

**Appendix E**
**Proposed PCB Sample Tracking Matrix for Vernal Pool Soils**

Reach	Exposure Area	Vernal Pool ID	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
						Easting	Northing	0-6"	6-12"	12-24"	24-36"
5B	EA38	5B-VP-13	5BVP13-M/N_3	29-9	Lenox	187281.37	2974981.51	X	X	--	--
5B	EA38	5B-VP-13	5BVP13-M/N_9/10	29-9	Lenox	187612.38	2974996.83	X	X	--	--
5B	EA38	5B-VP-13	5BVP13-O/P_2/3	29-9	Lenox	187254.31	2974896.06	X	X	--	--
5B	EA38	5B-VP-13	5BVP13-O/P_8/9	29-9	Lenox	187551.13	2974902.96	X	X	--	--
5B	EA38	5B-VP-13	5BVP13-P/Q_6/7	29-9	Lenox	187459.60	2974841.41	X	X	--	--
5B	EA38	5B-VP-13	5BVP13-Q_4/5	29-9	Lenox	187355.69	2974804.94	D	X	--	--
5B	EA38	5B-VP-18A	5BVP18A-A/B_9/10	29-9	Lenox	186651.65	2974193.38	X	X	--	--
5B	EA38	5B-VP-18A	5BVP18A-B/C_9	29-9	Lenox	186648.40	2974151.17	D	X	--	--
5B	EA38	5B-VP-18A	5BVP18A-C/D_11	29-9	Lenox	186731.86	2974078.30	X	X	--	--
5B	EA38	5B-VP-18A	5BVP18A-C_10	29-9	Lenox	186680.81	2974111.91	D	X	--	--
5B	EA38	5B-VP-18B	5BVP18B-B/C_5	29-9	Lenox	186444.72	2974139.56	X	X	--	--
5B	EA38	5B-VP-18B	5BVP18B-C/D_5	29-9	Lenox	186443.79	2974100.25	X	X	--	--
5B	EA38	5B-VP-18B	5BVP18B-D_5	29-9	Lenox	186443.27	2974057.11	X	X	--	--
5B	EA39	5B-VP-25	5BVP25-B_3/4	29-2	Lenox	185627.87	2973469.91	X	X	--	--
5B	EA39	5B-VP-25	5BVP25-B_4	29-2	Lenox	185643.40	2973462.03	X	X	--	--
5B	EA39	5B-VP-25	5BVP25-B_4/5	29-2	Lenox	185661.39	2973456.22	D	X	--	--
5B	EA39	5B-VP-26	5BVP26-B/C_3	29-2	Lenox	185576.40	2973443.98	D	X	--	--
5B	EA39	5B-VP-26	5BVP26-C_2/3	29-2	Lenox	185554.51	2973405.26	X	X	--	--
5B	EA39	5B-VP-27	5BVP27-A/B_4/5	29-2	Lenox	185267.19	2973228.96	X	X	--	--
5B	EA39	5B-VP-27	5BVP27-B/C_4/5	29-2	Lenox	185267.89	2973187.08	X	X	--	--
5B	EA39	5B-VP-27	5BVP27-B_3/4	29-2	Lenox	185212.85	2973205.46	X	X	--	--
5B	EA39	5B-VP-27	5BVP27-B_5/6	29-2	Lenox	185324.75	2973226.73	X	X	--	--
5B	EA39	5B-VP-27	5BVP27-C/D_4	29-2	Lenox	185233.13	2973147.44	X	X	--	--
5B	EA39	5B-VP-27	5BVP27-C_2/3	29-2	Lenox	185167.87	2973164.79	X	X	--	--
5B	EA39	5B-VP-27	5BVP27-D_2	29-2	Lenox	185143.72	2973107.85	X	X	--	--
5B	EA39	5B-VP-27	5BVP27-D_3/4	29-2	Lenox	185202.44	2973108.26	X	X	--	--
5B	EA39	5B-VP-27	5BVP27-E_3	29-2	Lenox	185187.55	2973057.21	X	X	--	--
5B	EA40	5B-VP-32	5BVP32-B/C_8	29-2	Lenox	185037.13	2972935.27	X	X	--	--
5B	EA40	5B-VP-32	5BVP32-C/D_7/8	29-2	Lenox	185008.21	2972890.86	X	X	--	--
5B	EA40	5B-VP-32	5BVP32-C/D_8/9	29-2	Lenox	185053.67	2972890.29	X	X	--	--
5B	EA40	5B-VP-33A	5BVP33A-D/E_2/3	29-2	Lenox	184760.79	2972832.45	X	X	--	--
5B	EA40	5B-VP-33A	5BVP33A-D/E_3/4	29-2	Lenox	184813.68	2972842.29	X	X	--	--
5B	EA40	5B-VP-33A	5BVP33A-D/E_4/5	29-2	Lenox	184860.83	2972843.38	X	X	--	--
5B	EA40	5B-VP-33A	5BVP33A-E/F_2	29-2	Lenox	184737.35	2972791.36	D	X	--	--
5B	EA40	5B-VP-33A	5BVP33A-E/F_3	29-2	Lenox	184786.55	2972789.45	X	X	--	--
5B	EA40	5B-VP-33A	5BVP33A-E/F_4	29-2	Lenox	184836.18	2972790.91	X	X	--	--
5B	EA40	5B-VP-33A	5BVP33A-F/G_2	29-2	Lenox	184737.46	2972741.44	X	X	--	--
5B	EA40	5B-VP-33A	5BVP33A-F/G_3	29-2	Lenox	184788.33	2972739.95	X	X	--	--
5B	EA40	5B-VP-33A	5BVP33A-F/G_4	29-2	Lenox	184837.72	2972739.01	X	X	--	--
5B	EA40	5B-VP-33A	5BVP33A-G/H_2/3	29-2	Lenox	184754.67	2972692.84	X	X	--	--
5B	EA40	5B-VP-33A	5BVP33A-G/H_3/4	29-2	Lenox	184810.77	2972690.68	X	X	--	--
5B	EA40	5B-VP-33A	5BVP33A-G/H_4/5	29-2	Lenox	184863.22	2972689.96	X	X	--	--
5B	EA40	5B-VP-33A	5BVP33A-H/I_3	29-2	Lenox	184791.79	2972648.90	X	X	--	--
5B	EA40	5B-VP-33A	5BVP33A-H/I_4	29-2	Lenox	184844.78	2972641.50	X	X	--	--
5B	EA40	5B-VP-33A	5BVP33A-H/I_5	29-2	Lenox	184894.18	2972638.10	X	X	--	--
5B	EA40	5B-VP-33A	5BVP33A-I/J_5/6	29-2	Lenox	184911.94	2972596.84	X	X	--	--
5B	EA40	5B-VP-35	5BVP35-B/C_1/2	29-2	Lenox	185023.22	2972286.11	X	X	--	--
5B	EA40	5B-VP-35	5BVP35-B/C_5/6	29-2	Lenox	185214.67	2972298.03	X	X	--	--
5B	EA40	5B-VP-35	5BVP35-B_3/4	29-2	Lenox	185113.78	2972307.75	X	X	--	--
5B	EA40	5B-VP-35	5BVP35-B_4/5	29-2	Lenox	185166.18	2972323.41	X	X	--	--
5B	EA40	5B-VP-35	5BVP35-C/D_2/3	29-2	Lenox	185054.22	2972233.63	X	X	--	--
5B	EA40	5B-VP-35	5BVP35-C/D_3/4	29-2	Lenox	185101.83	2972251.02	X	X	--	--
5B	EA40	5B-VP-35	5BVP35-C/D_4/5	29-2	Lenox	185166.64	2972228.92	X	X	--	--
5B	EA40	5B-VP-35	5BVP35-C/D_7	29-2	Lenox	185287.92	2972228.96	X	X	--	--
5B	EA40	5B-VP-35	5BVP35-C_5	29-2	Lenox	185197.61	2972258.33	X	X	--	--
5B	EA40	5B-VP-35	5BVP35-D/E_3	29-2	Lenox	185094.89	2972192.93	X	X	--	--
5B	EA40	5B-VP-35	5BVP35-D/E_4	29-2	Lenox	185146.60	2972185.82	X	X	--	--
5B	EA40	5B-VP-35	5BVP35-D_5/6	29-2	Lenox	185204.17	2972203.66	X	X	--	--
5B	EA40	5B-VP-35	5BVP35-E/F_3/4	29-2	Lenox	185106.20	2972144.48	D	X	--	--
5B	EA40	5B-VP-35	5BVP35-E_2/3	29-2	Lenox	185055.95	2972157.17	D	X	--	--
5B	EA40	5B-VP-47	5BVP47-B/C_2	29-2	Lenox	185548.66	2970288.28	D	X	--	--
5B	EA40	5B-VP-47	5BVP47-B_2	29-2	Lenox	185548.50	2970320.32	X	X	--	--
5B	EA40	5B-VP-47	5BVP47-C_2	29-2	Lenox	185535.35					

**Appendix E**
**Proposed PCB Sample Tracking Matrix for Vernal Pool Soils**

Reach	Exposure Area	Vernal Pool ID	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
						Easting	Northing	0-6"	6-12"	12-24"	24-36"
5B	EA41	5B-VP-29	5BVP29-C/D_2	29-1	Lenox	185836.02	2972993.72	X	X	--	--
5B	EA41	5B-VP-29	5BVP29-D/E_1/2	29-1	Lenox	185824.00	2972949.95	X	X	--	--
5B	EA41	5B-VP-30	5BVP30-F/G_1/2	29-1	Lenox	185803.41	2972844.44	D	X	--	--
5B	EA41	5B-VP-30	5BVP30-F_1/2	29-1	Lenox	185803.74	2972861.57	X	X	--	--
5B	EA41	5B-VP-30	5BVP30-G_1/2	29-1	Lenox	185803.61	2972825.39	X	X	--	--
5B	EA41	5B-VP-38	5BVP38-B/C_2/3	29-1	Lenox	185299.35	2971844.03	X	X	--	--
5B	EA41	5B-VP-38	5BVP38-B_2	29-1	Lenox	185288.86	2971864.68	X	X	--	--
5B	EA41	5B-VP-38	5BVP38-C_2	29-1	Lenox	185295.06	2971824.21	X	X	--	--
5B	EA42	5B-VP-46	5BVP46-B/C_3	24-7	Lenox	185925.91	2970702.94	X	X	--	--
5B	EA42	5B-VP-46	5BVP46-C/D_3	24-7	Lenox	185934.17	2970647.02	X	X	--	--
5B	EA42	5B-VP-46	5BVP46-C_4	24-7	Lenox	185981.22	2970676.34	X	X	--	--
5C	EA40	5C-VP-2	5CVP2-B_10/11	29-2	Lenox	184668.62	2969709.59	X	X	--	--
5C	EA40	5C-VP-2	5CVP2-B_9/10	29-2	Lenox	184605.85	2969713.36	X	X	--	--
5C	EA40	5C-VP-2	5CVP2-C/D_11/12	29-2	Lenox	184708.19	2969637.68	X	X	--	--
5C	EA40	5C-VP-2	5CVP2-C_10/11	29-2	Lenox	184669.36	2969655.15	X	X	--	--
5C	EA40	5C-VP-2	5CVP2-C_8/9	29-2	Lenox	184555.67	2969664.80	X	X	--	--
5C	EA40	5C-VP-2	5CVP2-C_9/10	29-2	Lenox	184619.26	2969655.90	X	X	--	--
5C	EA40	5C-VP-2	5CVP2-D/E_11	29-2	Lenox	184676.82	2969594.62	D	X	--	--
5C	EA40	5C-VP-2	5CVP2-D_8/9	29-2	Lenox	184566.56	2969622.32	D	X	--	--
5C	EA40	5C-VP-2	5CVP2-D_9/10	29-2	Lenox	184619.93	2969603.53	X	X	--	--
5C	EA40	5C-VP-2	5CVP2-E/F_10/11	29-2	Lenox	184669.73	2969546.97	X	X	--	--
5C	EA40	5C-VP-2	5CVP2-E/F_9/10	29-2	Lenox	184607.13	2969550.48	D	X	--	--
5C	EA40	5C-VP-2	5CVP2-E_8/9	29-2	Lenox	184551.93	2969562.17	X	X	--	--
5C	EA40	5C-VP-3	5CVP3-K/L_12/13	29-2	Lenox	184757.27	2969237.07	X	X	--	--
5C	EA40	5C-VP-3	5CVP3-K_12	29-2	Lenox	184727.75	2969259.32	X	X	--	--
5C	EA40	5C-VP-3	5CVP3-L_12	29-2	Lenox	184726.20	2969222.56	X	X	--	--
5C	EA40	5C-VP-4	5CVP4-H/I_16	29-2	Lenox	184933.70	2969388.16	X	X	--	--
5C	EA40	5C-VP-4	5CVP4-J/K_15	29-2	Lenox	184891.62	2969287.48	X	X	--	--
5C	EA40	5C-VP-4	5CVP4-J/K_2/3	29-2	Lenox	184272.47	2969279.15	X	X	--	--
5C	EA40	5C-VP-4	5CVP4-K_4/5	29-2	Lenox	184361.71	2969266.37	X	X	--	--
5C	EA40	5C-VP-4	5CVP4-L/M_4/5	29-2	Lenox	184364.31	2969197.72	X	X	--	--
5C	EA40	5C-VP-4	5CVP4-L_3	29-2	Lenox	184275.22	2969212.33	X	X	--	--
5C	EA40	5C-VP-4	5CVP4-L_6/7	29-2	Lenox	184453.46	2969213.47	X	X	--	--
5C	EA40	5C-VP-4	5CVP4-M/N_6	29-2	Lenox	184437.46	2969143.83	X	X	--	--
5C	EA40	5C-VP-4	5CVP4-N_13/14	29-2	Lenox	184823.09	2969117.19	X	X	--	--
5C	EA40	5C-VP-4	5CVP4-O/P_6/7	29-2	Lenox	184468.21	2969044.37	X	X	--	--
5C	EA40	5C-VP-4	5CVP4-P/Q_11	29-2	Lenox	184677.27	2969001.07	D	X	--	--
5C	EA40	5C-VP-4	5CVP4-Q/R_7	29-2	Lenox	184494.09	2968950.21	X	X	--	--
5C	EA40	5C-VP-4	5CVP4-Q/R_9	29-2	Lenox	184591.58	2968952.36	X	X	--	--
5C	EA40	5C-VP-4	5CVP4-S_8/9	29-2	Lenox	184560.81	2968866.82	X	X	--	--
5C	EA40	5C-VP-4	5CVP4-T/U_8/9	29-2	Lenox	184570.17	2968794.18	X	X	--	--
5C	EA40	5C-VP-5	5CVP5-M/N_1/2	29-2	Lenox	184223.27	2969131.89	X	X	--	--
5C	EA40	5C-VP-5	5CVP5-N/O_2	29-2	Lenox	184229.74	2969078.43	X	X	--	--
5C	EA40	5C-VP-5	5CVP5-N_2	29-2	Lenox	184234.81	2969107.51	X	X	--	--
5C	EA45	5C-VP-6	5CVP6-A/B_16	24-1	Lenox	185430.01	2969084.03	D	X	--	--
5C	EA45	5C-VP-6	5CVP6-B/C_16	24-1	Lenox	185435.62	2969036.92	D	X	--	--
5C	EA45	5C-VP-6	5CVP6-C/D_12	19-3	Lenox	185241.12	2968990.05	X	X	--	--
5C	EA45	5C-VP-6	5CVP6-C/D_16	19-3	Lenox	185437.41	2968990.36	D	X	--	--
5C	EA45	5C-VP-6	5CVP6-C_13	19-3	Lenox	185287.79	2969003.66	D	X	--	--
5C	EA45	5C-VP-6	5CVP6-C_14	19-3	Lenox	185340.08	2969006.58	X	X	--	--
5C	EA45	5C-VP-6	5CVP6-C_15	19-3	Lenox	185387.26	2969014.87	X	X	--	--
5C	EA45	5C-VP-6	5CVP6-D/E_12	19-3	Lenox	185245.48	2968940.19	X	X	--	--
5C	EA45	5C-VP-6	5CVP6-D/E_13/14	19-3	Lenox	185300.07	2968938.27	X	X	--	--
5C	EA45	5C-VP-6	5CVP6-D_14	19-3	Lenox	185338.93	2968962.80	D	X	--	--
5C	EA45	5C-VP-6	5CVP6-D_15	19-3	Lenox	185388.25	2968964.76	D	X	--	--
5C	EA45	5C-VP-7	5CVP7-G_7	19-3	Lenox	184986.43	2968818.90	D	X	--	--
5C	EA45	5C-VP-7	5CVP7-G_8	19-3	Lenox	185036.90	2968821.30	X	X	--	--
5C	EA45	5C-VP-7	5CVP7-H_6	19-3	Lenox	184935.00	2968771.63	D	X	--	--
5C	EA45	5C-VP-7	5CVP7-H_7	19-3	Lenox	184986.32	2968770.32	D	X	--	--
5C	EA45	5C-VP-7	5CVP7-H_8	19-3	Lenox	185036.12	2968770.15	X	X	--	--
5C	EA45	5C-VP-7	5CVP7-I_5	19-3	Lenox	184894.29	2968719.05	X	X	--	--
5C	EA45	5C-VP-7	5CVP7-I_6	19-3	Lenox	184937.82	2968719.23	X	X	--	--
5C	EA45	5C-VP-7	5CVP7-I_7	19-3	Lenox	184987.54	2968717.49	X	X	--	--
5C	EA45	5C-VP-7	5CVP7-I_8	19-3	Lenox	185036.51	2968721.01	X	X	--	--

**Appendix E**
**Proposed PCB Sample Tracking Matrix for Vernal Pool Soils**

Reach	Exposure Area	Vernal Pool ID	Grid/Location ID	Parcel ID	Township	Coordinates are in NAD83 Massachusetts State Plan, U.S. Feet		Depth Increment (below ground surface)			
						Easting	Northing	0-6"	6-12"	12-24"	24-36"
5C	EA45	5C-VP-7	5CVP7-J_9	19-3	Lenox	185083.76	2968666.12	X	X	--	--
5C	EA45	5C-VP-7	5CVP7-K_7	19-3	Lenox	184985.05	2968617.32	X	X	--	--
5C	EA45	5C-VP-7	5CVP7-K_8	19-3	Lenox	185036.92	2968616.50	X	X	--	--
5C	EA45	5C-VP-7	5CVP7-L_7/8	19-3	Lenox	185008.57	2968571.59	X	X	--	--
5C	EA45	5C-VP-8	5CVP8-K/L_2	19-3	Lenox	184744.76	2968584.78	D	X	--	--
5C	EA45	5C-VP-8	5CVP8-K/L_3	19-3	Lenox	184792.69	2968591.51	X	X	--	--
5C	EA45	5C-VP-8	5CVP8-L/M_3	19-3	Lenox	184790.06	2968545.61	D	X	--	--
5C	EA45	5C-VP-8	5CVP8-L/M_4/5	19-3	Lenox	184854.19	2968547.53	X	X	--	--
5C	EA45	5C-VP-8	5CVP8-M/N_3/4	19-3	Lenox	184812.44	2968502.05	X	X	--	--
5C	EA46	5C-VP-11	5CVP11-B_2	19-3	Lenox	185681.89	2966858.91	X	X	--	--
5C	EA46	5C-VP-11	5CVP11-C_2	19-3	Lenox	185689.50	2966803.99	X	X	--	--
5C	EA46	5C-VP-11	5CVP11-D_2	19-3	Lenox	185677.70	2966767.40	X	X	--	--
5C	EA54	5C-VP-14A	5CVP14A-A/B_1/2	19-1	Lenox	186172.87	2963880.48	X	X	--	--
5C	EA54	5C-VP-14A	5CVP14A-B_1/2	19-1	Lenox	186173.64	2963853.50	X	X	--	--
5C	EA54	5C-VP-14A	5CVP14A-C_2	19-1	Lenox	186182.97	2963823.00	D	X	--	--
5C	EA55	5C-VP-16	5CVP16-A/B_2/3	1-3	Lee	186207.26	2961148.25	X	X	--	--
5C	EA55	5C-VP-16	5CVP16-B/C_2	1-3	Lee	186185.99	2961086.70	X	X	--	--
5C	EA55	5C-VP-16	5CVP16-B_2/3	1-3	Lee	186205.38	2961108.46	X	X	--	--

Notes:

X: sample to be analyzed for PCBs upon receipt by the laboratory

D: sample to be discarded

Coordinates are in NAD83 Massachusetts State Plane Mainland, U.S. Feet

NAD83: North American Datum of 1983

PCB: polychlorinated biphenyl

## Appendix F

### Proposed PCB Sample Tracking Matrix – Reach 5C Residential Floodplain Soils

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**Appendix F**
**Proposed PCB Sample Tracking Matrix for Residential Floodplain Soils in Reach 5C**

Parcel ID	Location ID	Coordinates (NAD83 Massachusetts State Plan, U.S. Feet)		Depth Increment (feet below ground surface)		
		Easting	Northing	0-1	1-2	2-3
24-1	FP24-1_T1-1	185483.69	2969159.03	X	X	H
	FP24-1_T1-2	185568.8	2969137.36	X	X	H
	FP24-1_T1-3	185626.84	2969119.93	H	H	H
	FP24-1_T1-4	185691.72	2969108.63	H	H	H
	FP24-1_T2-1	185350.57	2969149.76	--	X	H
	FP24-1_T2-2	185468.46	2969109.13	X	X	H
	FP24-1_T2-3	185555.1	2969096.99	X	X	H
	FP24-1_T2-4	185606.25	2969073.16	H	H	H
	FP24-1_T2-5	185670.31	2969059.26	H	H	H
	FP24-1_T3-1	185246.7	2969079.76	X	X	H
	FP24-1_T3-2	185292.7	2969110.77	--	X	H
	FP24-1_T3-3	185442.87	2969057.32	X	X	H
	FP24-1_T3-4	185592.2	2969026.25	H	H	H
	FP24-1_T3-5	185662.88	2969014.2	H	H	H
24-2	FP24-2_T1-1	185473.92	2969318.77	X	X	H
	FP24-2_T1-2	185645.23	2969276.46	X	X	H
	FP24-2_T1-3	185698.34	2969256.78	H	H	H
	FP24-2_T1-4	185745.55	2969245.91	H	H	H
	FP24-2_T2-1	185436.67	2969279.88	--	X	H
	FP24-2_T2-2	185530.77	2969251.15	X	X	H
	FP24-2_T2-3	185634.7	2969224.9	X	X	H
	FP24-2_T2-4	185677.85	2969214.89	H	H	H
	FP24-2_T2-5	185726.99	2969200.16	H	H	H
	FP24-2_T3-1	185391.81	2969210.14	--	X	H
	FP24-2_T3-2	185492.7	2969195.18	--	X	H
	FP24-2_T3-3	185591.11	2969174.55	X	X	H
	FP24-2_T3-4	185653.96	2969166.56	H	H	H
	FP24-2_T3-5	185712.1	2969152.5	H	H	H
24-3	FP24-3_T1-1	185639.72	2969427.92	X	X	H
	FP24-3_T1-2	185691.88	2969418.65	X	X	H
	FP24-3_T1-3	185732.66	2969406.08	H	H	H
	FP24-3_T1-4	185779.2	2969397.26	H	H	H
	FP24-3_T2-1	185557.6	2969394.06	--	X	H
	FP24-3_T2-2	185569.51	2969411.16	--	X	H
	FP24-3_T2-3	185628.27	2969389.65	X	X	H
	FP24-3_T2-4	185681.41	2969370.22	X	X	H
	FP24-3_T2-5	185720.11	2969358.75	H	H	H
	FP24-3_T2-6	185772.95	2969349.79	H	H	H
	FP24-3_T3-1	185570.76	2969318.73	--	X	H
	FP24-3_T3-2	185655.94	2969307.47	X	X	H
	FP24-3_T3-3	185709.58	2969307.18	H	H	H
	FP24-3_T3-4	185758.74	2969298.3	H	H	H
24-4	FP24-4_T1-1	185807.06	2969851.93	X	X	H
	FP24-4_T1-2	185846.1	2969842.13	X	X	H
	FP24-4_T1-3	185911.95	2969821.2	H	H	H
	FP24-4_T1-4	185979.54	2969807.62	H	H	H
	FP24-4_T2-1	185777.06	2969787.05	X	X	H
	FP24-4_T2-2	185805.49	2969776.94	X	X	H
	FP24-4_T2-3	185884.61	2969756.78	H	H	H
	FP24-4_T2-4	185944.76	2969742.31	H	H	H
	FP24-4_T3-2	185743.19	2969720.07	--	X	H
	FP24-4_T3-3	185801.98	2969710.97	X	X	H
	FP24-4_T3-4	185902.52	2969675.57	H	H	H
	FP24-4_T4-1	185718.64	2969690.08	--	X	H
	FP24-4_T4-3	185758.74	2969678.08	X	X	H
	FP24-4_T4-4	185826.53	2969656.28	H	H	H
	FP24-4_T5-1	185698.14	2969637.67	--	X	H
	FP24-4_T5-2	185750.23	2969622.2	X	X	H
	FP24-4_T5-3	185798.84	2969611.76	H	H	H
	FP24-4_T5-4	185861.57	2969598.94	H	H	H
	FP24-4_T6-1	185636.96	2969536.28	--	X	H
	FP24-4_T6-2	185685.24	2969521.51	--	X	H
	FP24-4_T6-3	185709.62	2969512.8	--	X	H
	FP24-4_T6-4	185730.87	2969504.14	--	X	H
	FP24-4_T6-5	185760.43	2969488.6	--	X	H
	FP24-4_T6-6	185849.93	2969469.98	H	H	H

**Appendix F**
**Proposed PCB Sample Tracking Matrix for Residential Floodplain Soils in Reach 5C**

Parcel ID	Location ID	Coordinates (NAD83 Massachusetts State Plan, U.S. Feet)		Depth Increment (feet below ground surface)		
		Easting	Northing	0-1	1-2	2-3
24-5	FP24-5_T1-1	185915.12	2970156.17	--	X	H
	FP24-5_T1-2	185908.33	2970124.83	--	X	H
	FP24-5_T1-3	185960.8	2970140.78	X	X	H
	FP24-5_T1-4	186014.93	2970129.01	H	H	H
	FP24-5_T1-5	186068.54	2970110.88	H	H	H
	FP24-5_T2-1	185888.24	2970077.39	X	X	H
	FP24-5_T2-2	185935.65	2970063.35	X	X	H
	FP24-5_T2-3	185987.79	2970052	H	H	H
	FP24-5_T2-4	186048.41	2970043.27	H	H	H
	FP24-5_T3-1	185858.66	2970005.32	X	X	H
	FP24-5_T3-2	185919.18	2969991.93	X	X	H
	FP24-5_T3-3	185969.51	2969983.42	H	H	H
	FP24-5_T3-4	186032.02	2969975.58	H	H	H
	FP24-5_T4-1	185838.4	2969942.07	X	X	H
	FP24-5_T4-2	185887.51	2969932.58	X	X	H
	FP24-5_T4-3	185942.86	2969916.87	H	H	H
	FP24-5_T4-4	186011.79	2969903.31	H	H	H
24-6	FP24-6_T1-1	185922.57	2970459.86	X	X	H
	FP24-6_T1-2	185993.47	2970456.99	X	X	H
	FP24-6_T1-3	186078.6	2970451.93	X	X	H
	FP24-6_T1-4	186165.96	2970450.01	H	H	H
	FP24-6_T1-5	186246.91	2970449.79	H	H	H
	FP24-6_T2-1	185939.68	2970386.99	--	X	H
	FP24-6_T2-2	186012.67	2970389.17	X	X	H
	FP24-6_T2-3	186098.7	2970387.68	X	X	H
	FP24-6_T2-4	186181.24	2970386.27	H	H	H
	FP24-6_T2-5	186276.17	2970383.32	H	H	H
	FP24-6_T3-1	185916.11	2970324.8	--	X	H
	FP24-6_T3-2	186070.54	2970301.75	--	X	H
	FP24-6_T3-3	186167.31	2970299.85	H	H	H
	FP24-6_T3-4	186255.8	2970293.86	H	H	H
	FP24-6_T4-1	185911.16	2970283.08	--	X	H
	FP24-6_T4-2	186038.03	2970268.29	--	X	H
	FP24-6_T4-3	186143.37	2970258.52	H	H	H
	FP24-6_T4-4	186237.55	2970250.19	H	H	H
	FP24-6_T5-1	185955.44	2970188.45	X	X	H
	FP24-6_T5-2	185999.86	2970182.76	X	X	H
	FP24-6_T5-3	186101.79	2970162.65	H	H	H
	FP24-6_T5-4	186196.25	2970140.59	H	H	H

Notes:

H: sample to be collected and held for potential PCB analysis

X: sample to be analyzed for PCBs upon receipt by the laboratory

-- : no sample to be collected

Coordinates are in NAD83 Massachusetts State Plane Mainland, U.S. Feet

NAD83: North American Datum of 1983

PCB: polychlorinated biphenyl