GALLAGHER BASSETT | TECHNICAL SERVICES

November 11, 2021

Parag Amin P.E.
NYSDEC
Remediation Bureau C, Section B
625 Broadway
Albany, New York 12233-7014 via e-mail: parag.amin@dec.ny.gov

Re: Beacon Terminal – Site No. C314117
SRIWP for Area 3 PCB Surface Soil Sampling
GBTS File: BB04157.52

Dear Mr. Amin:

This Supplemental Remedial Investigation Work Plan (SRIWP) for Area 3 PCB Surface Soil Sampling was prepared by Gallagher Bassett Technical Services (GBTS) in order to addresses Section 4.1.3 of the January 2014 RAWP, which calls for additional delineation of PCB impacted surface soils at the southwest corner of the project site prior to removal. All site preparatory services and field activities will be performed in accordance with the RIR and RAWP.

BACKGROUND

Section 4.1.3 of the RAWP identifies Excavation Area 3, at the southwest portion of the Site as the location of an unknown quantity of surface soil (0 to 2 feet bsg) containing concentrations of PCBs and metals above RRUSCOs (documented at 4SS-2, TP-11 and TP-15). See the attached Figure.

The RAWP states the following:

"The maximum areal extent of contamination extends no farther than a west-to-east arc extending from 4SS-1 to 2HB-13. Soil to a maximum depth of 2 feet bsg will be removed from immediately south of Fisherman's Trail to the top of the slope at Fishkill Creek. Additional soil samples will be collected prior to the start of excavation to guide the eastward extent of excavation, which will extend parallel to the trail and the watercourse. The location and number of samples to be collected will be reviewed and approved by NYSDEC."

This SRIWP has been prepared to address this data gap identified in the RAWP and generate sufficient data to delineate PCB impacted surface soils that will require off-site disposal. The final extent of excavation will be determined by documenting compliance with RRU SCOs for metals and PCBS as defined in 6 NYCRR Part 375-6.8.

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PROPOSED FIELDWORK

Samples will be collected in accordance with the RIR and HASP for the site. Sixteen (16) samples will be collected from approximately 0-4 inches below original grade surface, after removal of vegetation (if applicable). Samples will be collected using a hand-held Geoprobe with disposable acetate sleeves or a decontaminated metal trowel. Samples will be collected from the top 4 inches of soil stratum, or from soil stratum exhibiting peak field evidence of contamination (if encountered). All encountered soils will be assessed, including documenting soil type, the presence of foreign materials, and field and/or instrument indications of contamination. Additional surface soil samples may be collected, should field conditions warrant. Proposed sample locations are identified on the attached Figure.

Samples will be submitted for laboratory analysis for PCBs by USEPA Method 8082 and for Target Analyte List (TAL) Metals.

Schedule

The activities described in this Supplemental Work Plan will be conducted in accordance with the following schedule:

- Week 1: approval of the Supplemental Work Plan by NYSDEC;
- Weeks 2: soil sampling;
- Weeks 3 through 4: laboratory analysis;
- Week 4: report preparation;
- Week 4: submittal of report and electronic data deliverable (EDD) to NYSDEC.

DOCUMENTATION

At the completion of all services detailed in this SIWP, the Letter Report of Soil Sampling will be submitted to the NYSDEC for review and approval. The Updated Letter Report will include:

- a summary of all fieldwork activities;
- results of all laboratory analysis generated (including EDD submittal to the NYSDEC);
- summary data tables showing substances detected, detection limits and relevant screening intervals;
- a Data Usability Summary Report (DUSR) prepared by an independent third party, which maintains NYSDOH ELAP CLP Certification; and,
- recommendations and detailed protocols for appropriate response actions in light of the updated data set.

Please call me at (845) 867-4715 should you have any questions or comments.

Sincerely,

Richard Hooker
Manager – Environmental Consulting
Gallagher Bassett Technical Services

Attachment – Proposed Fieldwork Map

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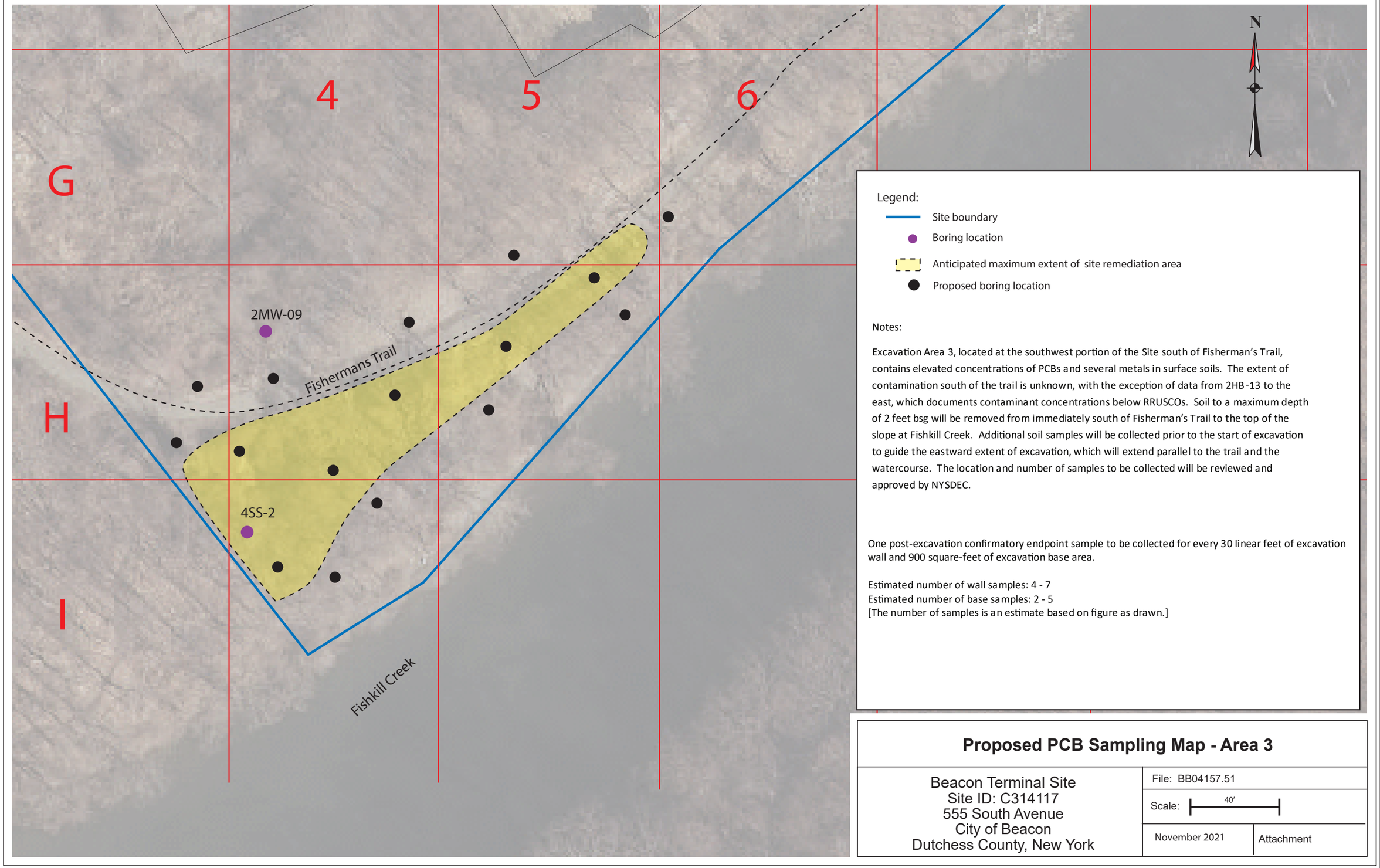

Legend:

- Site boundary
- Boring location
- Anticipated maximum extent of site remediation area
- Proposed boring location

Notes:

Excavation Area 3, located at the southwest portion of the Site south of Fisherman's Trail, contains elevated concentrations of PCBs and several metals in surface soils. The extent of contamination south of the trail is unknown, with the exception of data from 2HB-13 to the east, which documents contaminant concentrations below RRUSCOs. Soil to a maximum depth of 2 feet bsg will be removed from immediately south of Fisherman's Trail to the top of the slope at Fishkill Creek. Additional soil samples will be collected prior to the start of excavation to guide the eastward extent of excavation, which will extend parallel to the trail and the watercourse. The location and number of samples to be collected will be reviewed and approved by NYSDEC.

One post-excavation confirmatory endpoint sample to be collected for every 30 linear feet of excavation wall and 900 square-feet of excavation base area.

Estimated number of wall samples: 4 - 7
Estimated number of base samples: 2 - 5
[The number of samples is an estimate based on figure as drawn.]

Proposed PCB Sampling Map - Area 3

Beacon Terminal Site
Site ID: C314117
555 South Avenue
City of Beacon
Dutchess County, New York

File: BB04157.51

Scale: 40'

November 2021

Attachment