



BCA Environmental Consultants, LLC

AIR • WATER • SOLID WASTE • BROWNFIELDS • REMEDIATION SERVICES

September 4, 2019,

Ms. Joan Fitzwater, Planning Director
City of Greenfield
10 S. State Street
Greenfield IN 46140

RE: Supplemental Phase II Environmental Site Assessment
Proposal
Soil Investigation
Depot Park, Greenfield, Indiana

Dear Ms. Fitzwater,

BCA Environmental Consultants, LLC (BCA) is pleased to present this proposal to you for environmental investigation and consulting services related to the referenced property. BCA's understanding is that the Subject Site consists of three (3) contiguous parcels: #'s 30-11-05-103-010.000-009, 30-11-05-100-011.001-009, and 30-11-05-103-011.000-009) totaling approximately 1.19 acres of land. The property contains no buildings and is currently a municipal park with the Pennsy Rail Trail bisecting the site east to west.

BCA proposes to complete the following tasks at this site to address potential impacts from contaminants of concern (COCs) associated with recognized environmental conditions (RECs) from the Phase I and Phase II ESAs recently completed by BCA. Exceedances of the unrestricted Recreational Community Park Screening Level (RCPSL) were identified in the southern part of the site in the Phase II ESA.

Shallow Soil Sampling

A total of twenty-two (22) soil samples (including QA/QC) from seventeen (17) shallow soil (0 to 2 feet) locations will be collected via a hand auger (HA). Soil samples from each HA location will be analyzed for polynuclear aromatic hydrocarbons (PAHs) and arsenic by EPA methods 8270SIM and 6010.

Four HA locations will be placed in step-outs around the hot spot (SP-1) identified in the July 2019 Phase II ESA. The remaining 13 sample locations will be spread throughout the Site as indicated on the attached Figure 1. Most of the samples will be placed in the southern half of the site due to the history of rail spurs and the current presence of coal ash and cinders (CAC), presumed to be the source of the COCs.

7202 E 87th St., Suite 110
Indianapolis, IN 46256
Phone (317) 578-4233
Fax (317) 578-4250

224 W Jefferson Blvd, Suite 204
South Bend, IN 46601
Phone (574) 522-1019
Fax (574) 522-0374


Report

Observations and data generated by the field investigation (figures, tables, and soil sampling logs) will be summarized and appended in a report. The report will contain an explanation and documentation of sample locations and collection procedures for the Supplemental Phase II ESA, and analytical data will be summarized, and conclusions discussed to the extent possible. The need for remediation of the property will be discussed if appropriate, along with recommendations for remedial approach or IDEM closure tools. All observations, data generated by field investigations, and summaries thereof shall remain the property of the City of Greenfield, Indiana and shall not be reused or divulged by BCA to any third-party without the written consent of the Mayor of the City of Greenfield, Indiana, pursuant to a valid court order, or if required to do so by Indiana law.

The cost for performing these tasks will be \$15,594. This assumes a standard project completion time of approximately 6 weeks from notice to proceed. Preliminary results will be available 4 weeks from notice to proceed. The project will be billed monthly on a percent completion basis. Please note that this cost estimate is valid for 120 days. Please return a signed copy of the enclosed Proposal Acceptance Sheet with the appropriate information completed. BCA will start this project immediately upon approval.

Thank you for the opportunity to earn your business. Please call me at (317) 578-4233 should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'David Scovel', with a stylized, cursive flourish at the end.

David Scovel, LPG
Senior Geologist



**BCA PHASE II ASSESSMENT
PROPOSAL ACCEPTANCE SHEET**

Project Name: Supplemental Phase II ESA

Project Location: Depot Park, Depot Street, Greenfield, Indiana

Proposal Accepted by _____ Date _____
(Signature and Title)

(Individual, Firm or Corporate Name)

Property Owner Identification (If other than above):

Name: _____

Address: _____

Attention: _____ Telephone: () _____

Special instructions:

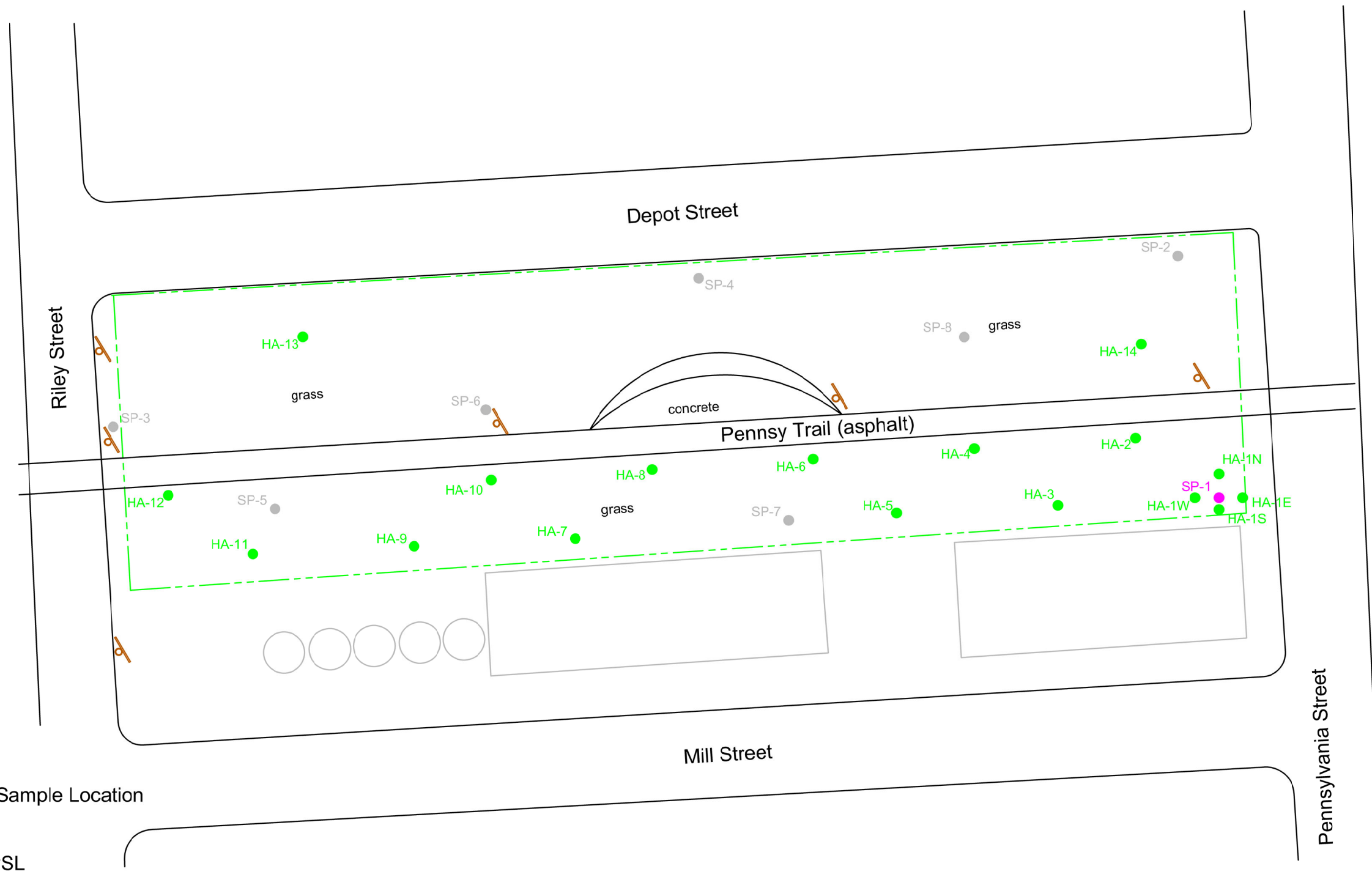
Send invoice to:

Name: _____

Address: _____

Attention: _____ Telephone: () _____

Special invoicing instructions:



Legend

- HA-1 ● Proposed Hand Auger Soil Sample Location
- SP-1 ● Existing Probe Location
- SP-1 ● Sample Exceeds RCG RCPSL
- Subject Site Property Boundary
- RCG = Remediation Closure Guide
- RCPSL = Rec/Community Park Screening Level

