



ENVIRONMENTAL GROUP, INC.  
ENGINEERING, ARCHITECTURE & SURVEYING, PC

June 23, 2016

Ms. Karen Cahill  
Project Manager  
NYS Dept. of Environmental Conservation  
Region 7 – Division of Environmental Remediation  
615 Erie Boulevard West  
Syracuse, New York 13204

*Sent via e-mail*

Re: Pre-Sampling Plan in Support of Remedial Work Plan  
Destiny USA, Syracuse, New York  
BCP – C734135 (Site 7)

Dear Ms. Cahill:

The following is a description of the pre-sampling plan Spectra will conduct on Site 7 for your review. The previously submitted Remedial Investigation Report (RIR) identified hot spots within the area of concern (AOC) where levels of petroleum contamination were above BCP RR SCOs. The purpose of this pre-sampling exercise is to collect soil data to best define the lateral extent and depth of the hot spots. Once defined, a remediation program will be designed to address the contamination.

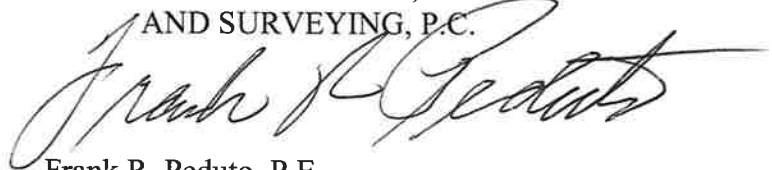
Samples will be collected in 4-foot intervals at depths ranging from 4 feet to 10 feet bgs starting at the boring location with the highest concentrations as identified in the RIR. During sample collection, qualitative assessment of samples will be made by PID, Visual, and Olfactory methods and documented in the sample logs.

Example: Start at S1-4 where there were elevated concentrations of VOCs and Metals (see attached Figure 3, Sampling Plan for reference). A sample will be collected in the immediate vicinity of S1-4 at depths of 4'-6' and 8'-10' bgs. If the qualitative assessment indicates contamination at the 8'-10' depth, another sample will be collected over the next 4 foot interval. A new boring will be established on a 25 foot offset from the last point in a pattern shown on the attached figure. This pattern will be repeated for several sampling locations around the primary location. In each new boring, samples will be collected and screened across the 4'-10' interval as appropriate. Additional depths may be tested as previously indicated. If qualitative assessment (e.g., high PID hits) indicate contamination on the perimeter of this pattern, the sample pattern may be extended. This approach will be repeated around S1-19 and SP-MW-41. Once the sampling results are received for each 25-foot area (shown here as hexagonal shapes) they will be assessed to determine how far out is the contamination from the original source area. If the sample from a hexagonal area shows analytes at concentrations less than BCP RR SCGs, that area would form one segment of the remediation perimeter. Ultimately the segments that meet BCP RR SCGs will define the outside perimeter of the AOC.

Once sampling and analyses are complete, all locations with samples that exceed BCP RR SCOs within the AOC will be either be excavated or injected with an ISCO solution at the appropriate depths. Injection locations will be proposed in a similar spacing as was applied for the sampling points.

Very truly yours,

SPECTRA ENGINEERING, ARCHITECTURE  
AND SURVEYING, P.C.

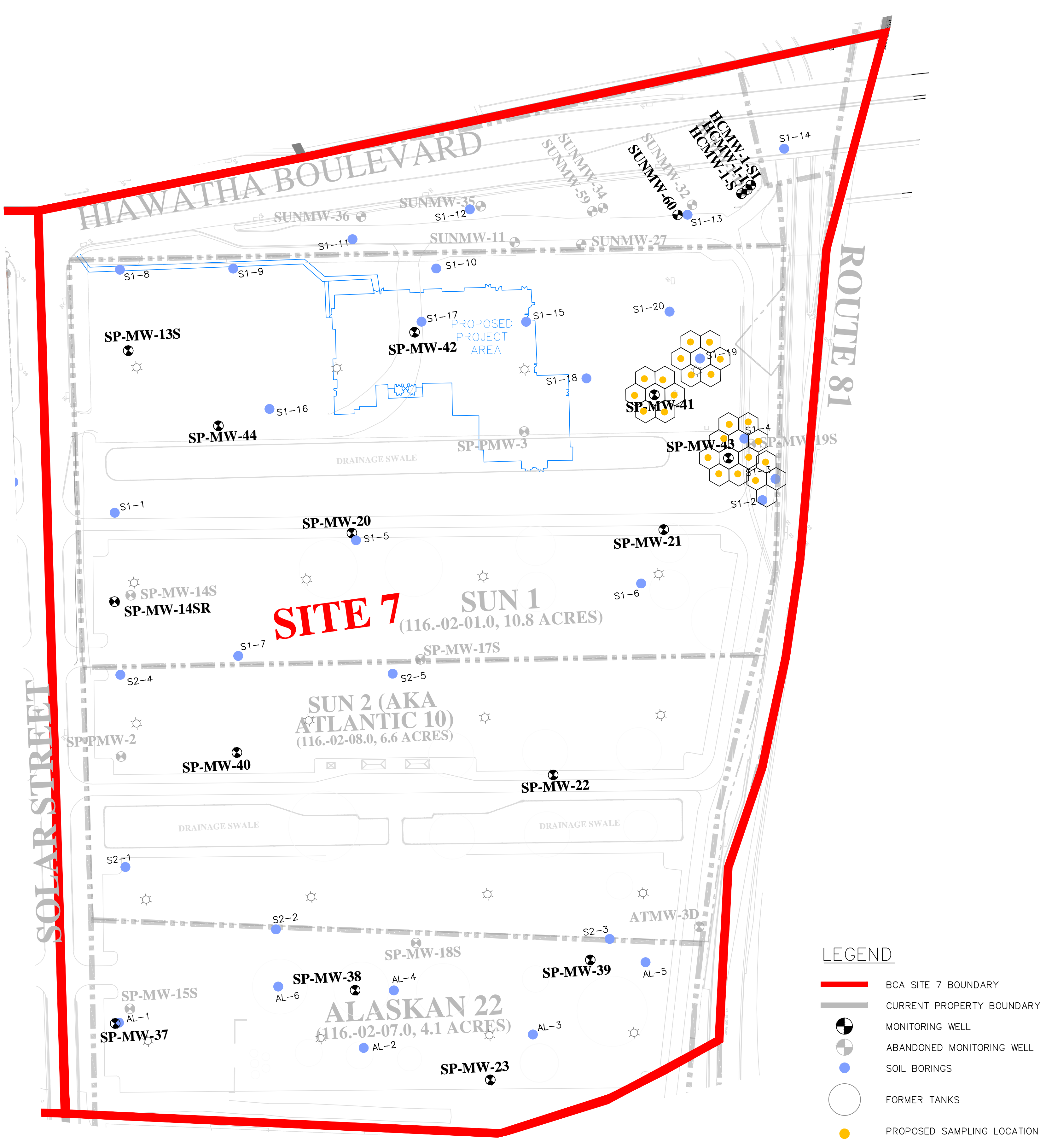


Frank R. Peduto, P.E.  
Project Manager

Attachment

cc w/ att.: David Aiken, Destiny USA  
Harry Warner, Region 7

FRP/em  
G:\2015\15209\Reports\Site 7 RWP\Pre-Sampling Plan to Cahill 6-23-16.docx



- LEGEND**
- BCA SITE 7 BOUNDARY
  - CURRENT PROPERTY BOUNDARY
  - MONITORING WELL
  - ABANDONED MONITORING WELL
  - SOIL BORINGS
  - FORMER TANKS
  - PROPOSED SAMPLING LOCATION

NO.	DATE	RECORD OF WORK	DRN	CKD

**PROJECT**

PROJ. MGR: FRP  
 PROJ. NO.: 15209  
 PREPARED BY: JCK  
 DRAFTED BY: JCK  
 CHECKED BY:  
 APPROVED BY:  
 DATUM:  
 CONTOUR INTERVAL = FEET  
 0 12.5 25 50 100  
  
 1" = 50'

**SITES 7  
 SAMPLING PLAN  
 DESTINY USA**

CITY OF SYRACUSE ONONDAGA CO., NY

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SPECTRA ENVIRONMENTAL GROUP, INC.  
 19 British American Blvd  
 Latham, N.Y. 12110

DATE: 5/17/16
SCALE: 1"=50'
DWG. NO. 15209B
FIGURE: 3