LOCATIONS ARE APPROXIMATE UNTIL TRANSECT SURVEY IS COMPLETED

EXISTING CAP No 3 (Soil Cap), (Former Tailrace)

EXISTING RCRA CAP No 4

EXISTING SOIL CAP No 2

TRANSECT #1 TRANSECT #2 TRANSECT #3 TRANSECT #4 TRANSECT #5 TRANSECT #6 TRANSECT #7 TRANSECT #8

CMS-001 CMS-002 CMS-003 CMS-004 CMS-005 CMS-006 CMS-007 CMS-008 CMS-009 CMS-010

WOONASQUATUCKET RIVER

ROUTE 44 SMITH VACCA STREET SWAN STREET WHIPPLE AVENUE BRAYTON STREET

14-504 14-503 14-502 14-501 14-499 14-498 14-496 14-491 14-492 14-253 14-511 14-251 14-516 14-490 14-487 14-230 14-200 103 102 98 99

38-140 38-138 38-137 38-136 38-157 38-158 38-159 38-164 38-166 38-171 38-N/A 38-187 38-188 38-190 38-191 38-192 38-314 38-254 38-163 38-170 38-173 38-337 38-146 38-245

CMS-XXX	HISTORIC SOIL BORING LOCATION
	PROPOSED SOIL BORING LOCATION
	OUTLINE OF EXISTING CAP
	DENOTES OUTLINE OF PROPOSED RCRA SUBTITLE C CAP
XX-XXX	APPROXIMATE PROPERTY BOUNDARY AND PARCEL PLAT NUMBER (ASSESSOR)
100	FEMA BASE FLOOD AND ELEVATION
	FEMA 100-YEAR FLOOD ZONE
	FEMA 500-YEAR FLOOD ZONE
	BUILDING
	TOPOGRAPHIC CONTOUR
	EDGE OF WATER COURSE/WATERBODY
	EDGE OF RIP-RAP

60 0 60 120 180

SCALE IN FEET

SAMPLE REFERENCE:
ALL PRIOR SAMPLE LOCATIONS SHOWN WERE OBTAINED ELECTRONICALLY FROM THE EPA DATABASE FOR THE CENTREDALE MANOR RESTORATION PROJECT SUPERFUND SITE AND WERE NOT LOCATED BY LOUREIRO ENGINEERING ASSOCIATES, INC.

MAP REFERENCE:
1. SURFICIAL TOPOGRAPHIC FEATURES MAPPED BY LOUREIRO ENGINEERING ASSOCIATES INC. AT A HEIGHT OF 280' ABOVE GROUND LEVEL, FROM PHOTOGRAMETRY PERFORMED ON FEBRUARY 21, 2018 BY LOUREIRO ENGINEERING ASSOCIATES INC. DATUMS ARE RHODE ISLAND STATE PLANE NAD83 AND NAVD88.
2. JOHNSTON, RHODE ISLAND PARCELS WERE PROVIDED BY APPLIED GEOGRAPHICS INC. LAST UPDATED ON 12/08/17.
3. NORTH PROVIDENCE, RHODE ISLAND PARCELS WERE PROVIDED BY THE TOWN OF NORTH PROVIDENCE GIS DEPARTMENT.
4. FEMA FLOOD ZONES FROM < https://www.floodmaps.fema.gov/NFHL/status.shtml >, DATED 10/2/2015, REVISED 3/15/2018.

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SCALE	COMM. NO.	DATE
1" = 120'	07MD813	05/02/2019

PROPOSED SAMPLING LOCATIONS FLOODPLAIN SOIL TRANSECT SAMPLING PLAN

SOURCE AREA PRE-DESIGN INVESTIGATION WORK PLAN

CENTREDALE MANOR RESTORATION PROJECT SUPERFUND SITE

PREPARED FOR:

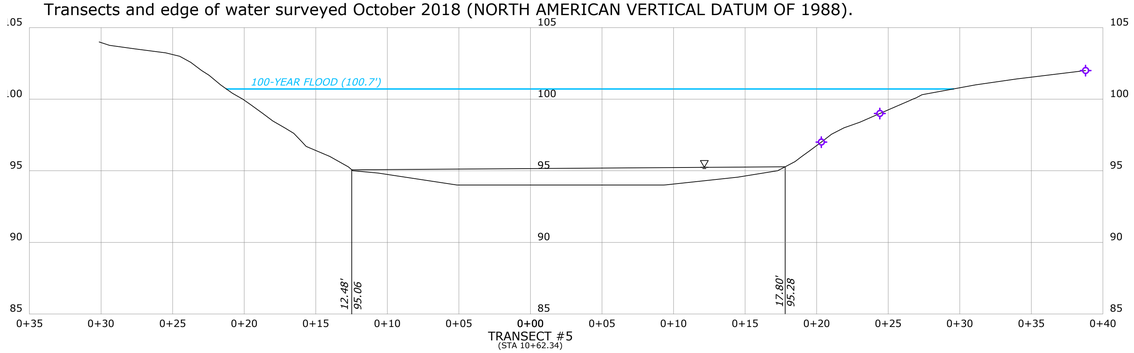
EMHART INDUSTRIES, INC. AND BLACK & DECKER INC.

ARFP-1

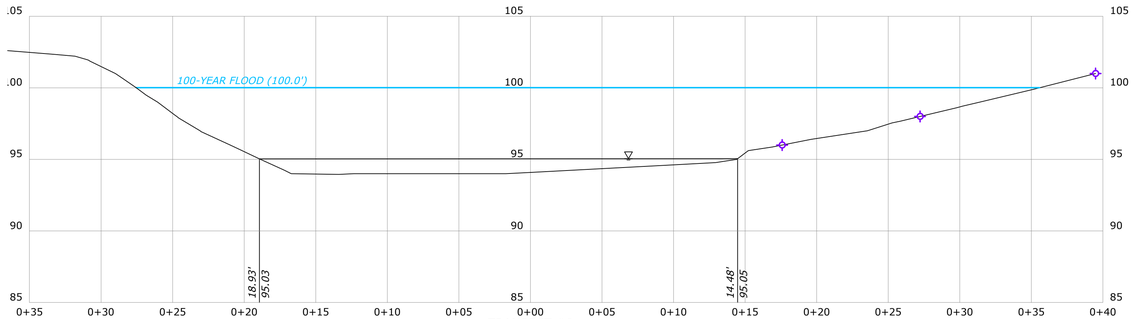
V:\RI\NORTH PROVIDENCE\SMITH ST\CMRP-07MD813\DWGS\SOURCE AREA ENVIRONMENTAL\WFP-1 WEST ALLENDALE REACH FLOODPLAIN SAMPLES&TRANSECTS.DWG Tab: WFP-1 (2) Saved: 5/2/2019 3:49 PM Plotted: 5/2/2019

EAST **WEST**

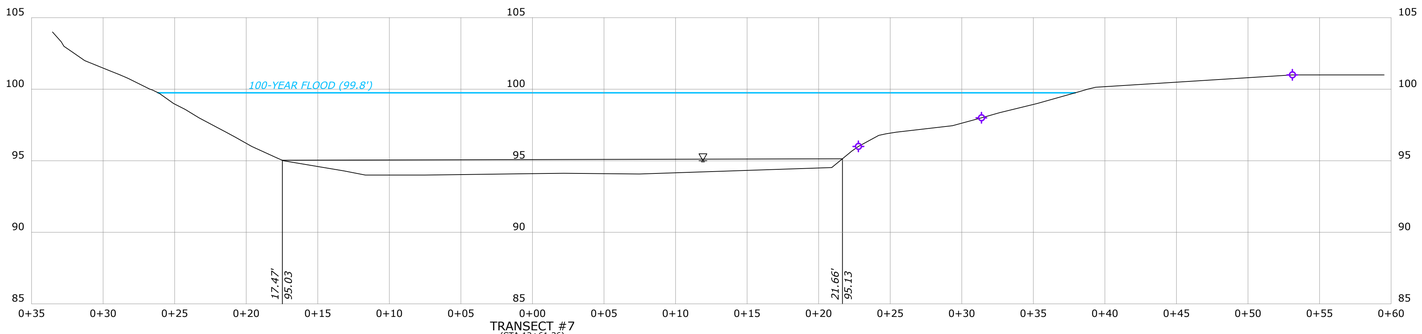
NOTE:
Transects and edge of water surveyed October 2018 (NORTH AMERICAN VERTICAL DATUM OF 1988).



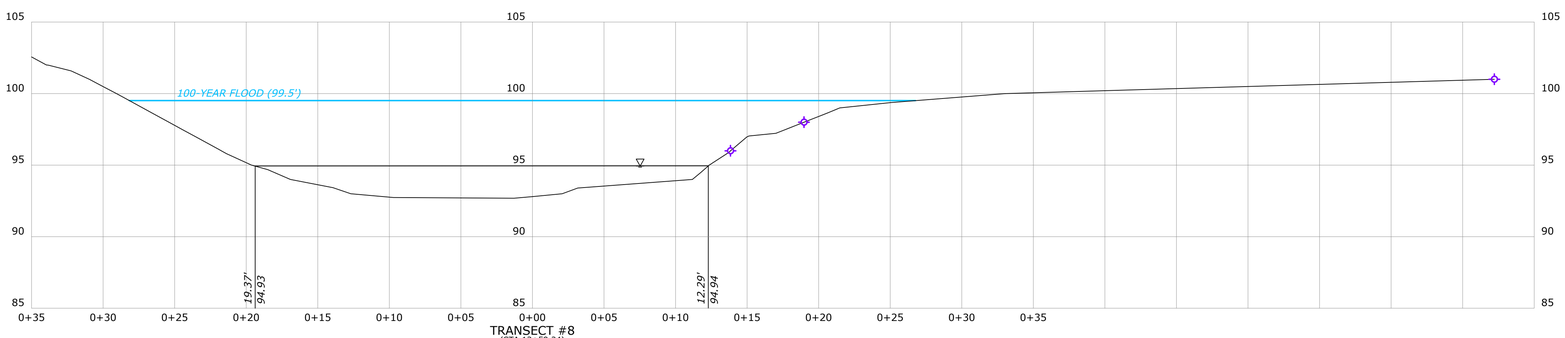
TRANSECT #5
(STA 10+62.34)



TRANSECT #6
(STA 11+61.44)



TRANSECT #7
(STA 12+61.36)



TRANSECT #8
(STA 13+59.24)

DRAFT

REV.	DESCRIPTION OF REVISION	DATE	APPR.

STAMP

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SCALE: 1" = 5' H. & V.
COMM. NO.: 07MD813
DRAWN BY: PJA — DATE: 04/30/2019
APPROVED BY: DWP — DATE: 04/30/2019

ALLENDALE REACH FLOODPLAIN SOIL TRANSECT SAMPLING PLAN

SOURCE AREA PRE-DESIGN INVESTIGATION WORK PLAN

CENTREDALE MANOR RESTORATION PROJECT SUPERFUND SITE
PREPARED FOR:
EMHART INDUSTRIES, INC. AND BLACK & DECKER INC.
700 EAST JOPPA ROAD, TOWSON, MARYLAND

DRAWING: 1

SHEET NO. 1 — NO. OF SHEETS 1

V:\ATLNORTH PROVIDENCE\SMITH ST\CMD-07MD813\DWGS\SOURCE AREA ENVIRONMENTAL\WORKING\ATLNCAET RIVER SECTIONS-SAMPLING.DWG Tab: PROFILE 1 Saved: 4/30/2019 2:37 PM Printed: 4/30/2019 2:39 PM