

SUBMITTAL COVER SHEET

First Submittal ☒ Date: 09/27/2019

AECOM's Submittal No.: 95

Resubmitted	<input type="checkbox"/>	Date: _____
Resubmitted	<input type="checkbox"/>	Date: _____
Resubmitted	<input type="checkbox"/>	Date: _____

Project: NYSEG Penn Yan Oversight

Contract For:	NYSEG
Contractor:	Sevenson Environmental Services, Inc.
Address:	2749 Lockport Road
	Niagara Falls, New York, 14305
PH / Fax:	
Subcontractor:	

Shop Drawing Title:

Submittal Description: Technical Execution Plan- Addendum 3

☐ Product Data ☐ Tests ☐ Samples ☐ Schedules ☒ Other

Manufacturer:

REFERENCES:

Spec Section (s): _____ Drawing Number (s): _____

[illegible]

CONTRACTOR'S APPROVAL	
Date:	By:
<input type="text"/>	Approved
<input type="text"/>	Approved-As-Noted
<input type="text"/>	Revise and Resubmit
<input type="text"/>	For Information Only
<input type="text"/>	Rejected

Technical Execution Plan

Addendum 3

NYSEG's Water Street Manufactured Gas Plant Site Penn Yan, New York

Prepared for:

NYSEG

Prepared by:

**Sevenson Environmental Services, Inc.
2749 Lockport Road
Niagara Falls, New York 14305**



Date: September 27, 2019

Introduction

Sevenson Environmental Services, Inc. (Sevenson) has prepared this Technical Execution Plan addendum to define the means and methods for the sheen remediation in the Keuka outlet. The target area consists of an approximate 20' x 30' area where heavy sheen was observed during the sheen investigation performed by AECOM.

Procedures and equipment for the removal of sediment

Sevenson is proposing to utilize a PC-120 Excavator utilizing a conventional bucket mounted on a 18' x 18' barge to perform the sediment removal of approximately 3' of material from the target area in the center of the Keuka outlet. The barge will be equipped with a jack up spud system to secure and add stability to the dredge plant. The excavator will be equipped with GPS utilizing Hypack's Dredgepack program to provide the operator with a multitude of graphical and numeric data to ensure each bucket is placed accurately and efficiently during sediment removal activities. Prior to the commencement of dredging operations, Sevenson will install a permeable turbidity curtain and oil absorbent boom across the outlet downstream of the target dredge area. In addition, Sevenson will dredge within a moon pool which will consist of permeable turbidity curtain and oil absorbent boom.

The material scows that Sevenson will use to perform this work consist of two 10'x 30' x 3' scows. Each scow has a capacity of approximately 20 cubic yards. However, due to the potential for draft issues, the actual fill volumes will be monitored by the excavation crew and adjusted as appropriate to suit the conditions. Once a scow is loaded, it will be moved to an unloading area. The material scows and barge mounted excavator will be positioned using a small push boat.

The off-loading area will be located west of the former gas house. Sevenson will protect the existing bank area using poly mats and/or poly sheeting. At the toe of the slope, Sevenson will install a short length of silt curtain and oil boom in the outlet to contain any spoils that may inadvertently be spilled. Offloading of material scows will be

performed using a long front excavator. The excavator will unload the sediment from the scow and place directly into a mixing bin to be stabilized using an amending agent. The amended soil will then be placed in a stockpile on the current sediment pad for transportation and disposal offsite.

Once confirmation that the target dredge depth has been achieved, Sevenson will perform the required decontamination of equipment prior to initiating placement of backfill over the dredge area to the original design specifications. The backfill process will utilize the same means and measures as the dredging operations.