\$4,519,790 14,880,000

HARBOR BROOK Wetland Project

PROJECT YEAR:

GI TECHNOLOGY: Bioswale

STATUS: Completed

2014

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PROGRAMS



Fall 2019

Project Description:

The Harbor Brook CSO 018 Constructed Wetlands Pilot Project serves the dual purposes of treating overflows from CSO018, currently discharged into Harbor Brook, while also acting as a demonstration project to test the effectiveness of three types of constructed wetland treatment systems.

Based on the knowledge gained as a result of this pilot project, these wetland systems may be integrated as part of a larger constructed wetland treatment system along Harbor Brook with additional water quality, natural habitat, recreational, educational, and other community benefits. The project is located within the approximately 34 contiguous acres of Onondaga County-owned land known as the Velasko Road Detention Basin.

This constructed wetland pilot project captures and treats approximately 14.8 million gallons of combined sewage each year and substantially improves the quality of the stormwater discharge into Harbor Brook.

Spring 2017 photos:





Download Treating CSOs Naturally: Onondaga County's CSO 018 Harbor Brook Wetlands Pilot Treatment System (PDF)

To find out general information regarding this project, please click on the Frequently Asked Questions (FAQ) sheet below.

Download project details below:





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	C50.	610
	GI Technology:	Carrie
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Harbor Brook CSO 038 Constructed Wetlands Pilot Treatment System Maps Description: The instruction of the system of the system Maps Description: The instruction of the system of the system of the system design as a direction of the system o

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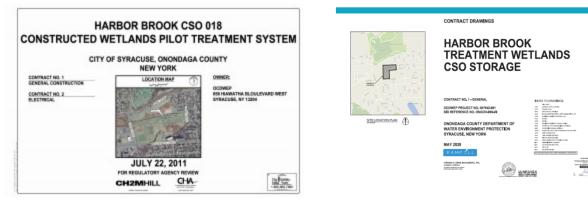
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Basis of Design Report Harbor Brook CSO 018	Joint Application for Permit Harbor Brook CSO 018
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Treatment System	Treatment System Joanne M. Matoney, County Enscutve
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Onondaga County Department of	
Water Environment Protection	Onondaga County Department of
Onondaga County, New York	Water Environment Protection Onondaga County, New York
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CH2MHILL - CHA-	CH2MHILL and CHA
May 2011	July 2011
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Design Report	Technical Specifications
Design Report Harbor Brook CSO 018	Technical Specifications Harbor Brook CSO 018
Harbor Brook CSO 018	Technical Specifications Harbor Brook CSO 018 Constructed Wetlands Pilot
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Project Plans (Original Design)

Project Plans (2019 Redesign)



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