



GREEN INFRASTRUCTURE – POTOMAC RIVER PROJECT A1



OVERVIEW

Location: Potomac River Sewershed, Various Locations, Washington, DC

Client: DC Water

Period of Performance:
March 2018 – March 2019

Contract Value: \$6.2M

FMCC Job No.: 10554

Project Description

Potomac River Project A1 is the first Green Infrastructure (GI) project implemented in the Potomac River sewershed by DC Water Clean Rivers Project. The goal is to mimic natural conditions to capture, filter, and slow down stormwater runoff before entering the combined sewer system. The GI will include bioretention (rain gardens), permeable pavement, and downspout disconnections which will redirect the stormwater runoff from in front of their homes to an impervious drainage area.

Our team's responsibilities include constructing multiple GI facilities, such as bio-retention in street planters or curb extensions, permeable pavement in alleys and parking lanes, and subsurface storage beneath sidewalks and roads to reduce combined sewer overflows by managing 1.2" of stormwater runoff from at least 15 to 29 impervious acres.

Project Significance

This project is just one of the projects included in the Clean Rivers Project to reduce combined sewer overflows into the District's waterways – the Anacostia and Potomac Rivers, and Rock Creek. The Clean Rivers project is a massive infrastructure and support program designed to capture and clean water during heavy rainfalls before it ever reaches our rivers.

Client References

Seth Charde, Program Manager, DC Clean Rivers Project
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Key Personnel

Alex Saavedra - Project Manager
Eleuterio Casanova – Superintendent
Jose Benitez – Foreman
Joao Fernandes - Foreman



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