

From: **Jennifer Carr** (jennifer@southernriverfederation.net)

Sent: Fri 2/13/15 3:00 PM

To: watershedgal@hotmail.com

14 attachments

Church Creek project-narrative.docx (70.8 KB) , AFTER - A very large population of Blue Dashers has colonized the Church Creek restoration site..jpg (81.2 KB) , AFTER - Green frogs, present in small numbers pre-restoration, are moving into the Church Creek site rapidly. Frog choruses are now heard daily.jpg (79.7 KB) , AFTER - Saprobic fungi like these fairy bonnet mushrooms are already colonizing the new wet floodplain at the Church Creek headwaters site.jpg (103.7 KB) , AFTER - Site after being planting with 14000 native plants.jpg (157.6 KB) , AFTER - Solitary sandpipers had not been seen at the site prior to construction. This one stopped over at the site during migration.jpg (140.0 KB) , AFTER - Tadpoles - At least six species of amphibians have successfully reproduced within the Church Creek project in spring 2014.jpg (55.3 KB) , AFTER - The continuous flow of water allows for fish to travel between wetland areas.jpg (150.4 KB) , AFTER - Turtles began to move into the site before construction was completed.jpg (128.0 KB) , AFTER - Water falls across each weirs as runoff from the Route 2 area enters Church Creek.jpg (181.3 KB) , BEFORE - Disconnected floodplain.jpg (204.1 KB) , BEFORE - The project site was formerly an illegal dump.jpg (155.0 KB) , BEFORE - Typical before photo showing mud, sediment, tires, and trash.jpg (101.4 KB) , AFTER - The was site is teeming with fish and amphibians just weeks after completion. A giant water bug is eating an aquatic snail. During the six years of pre-construction invertebrate monitoring neither was noted.jpg (79.1 KB)

Dear Cecilia,

I hope this email finds you well! I attempted to upload our BBA nomination through your online portal, but each time I hit submit, I was taken back to the nomination page and my attachments are gone. I never got a confirmation page. I called CSN and they advised me to email you the files directly.

Here is the information:

First Name: Jennifer (South River Federation)

Last Name: Carr

Email: jennifer@southernriverfederation.net

Phone: 410-224-3802

Project Name: Church Creek Headwaters Restoration

Type of Practice: Wet;and Restoration

Practice Design Team: Designer - Underwood & Associates, Contractor - Meadville Land Service

Drainage Area (acres): 400

% Impervious of Drainage Area: 56%

Runoff Volume Treated (cubic feet): 89,270

Approximate cost: \$1,400,000

Project Location: 1973 Godspeed Way, Annapolis, MD 21401, USA, 38.9719929, -76.5342804

Project Description:

What was once an illegal dump overrun with invasive species, eroding channels, and conveying significant volumes of polluted runoff directly into Church Creek, now is a beautiful restored coastal plain wetland/stream system that also happens to treat stormwater runoff from a 400 acre watershed with 56% impervious cover. The Church Creek Headwaters Stream and Wetland Complex is the “Best Habitat Creation BMP” because what was a degraded urban habitat, wetland dump, and significant source of pollution to Church Creek and the South River is now a beautiful, functional best management practice that contributes cooler, cleaner water to the creek.

Project Category: Best Habitat Creation in a BMP

Narrative and Supporting Photos are attached. Please let me know if you would like me to try to submit online again.

Thank you so much for this opportunity,

Jennifer Carr
Project Coordinator
South River Federation
[410-224-3802](tel:410-224-3802)