

Goal Implementation Award Program



Final Status Report Narrative Questions

www.chesapeakebaytrust.org / 410-974-2941

Complete the status report narrative questions below. After completing your narrative questions, save this document on your computer and then submit the document via your Chesapeake Bay Trust Online System account.

1. Awardee Information

Organization Name: National Wildlife Federation

Project Leader: Holly Gallagher (Shields), Regional Education Manager

Project Title: Promoting Educational Use of Stormwater BMPs on School Grounds through Storytelling

1. **Project Summary** (*from proposal*): NWF and the Maryland Association for Environmental and Outdoor Education (MAEOE) are collaborating to develop online resources and accompanying video content for implementing stormwater BMP projects on urban/suburban school grounds in the Chesapeake Bay watershed that improve water quality, meet local community needs, and allow for meaningful student engagement before, during, and after construction. The project will promote the use of stormwater BMPs to K-12 school officials and emphasize school-based project roles in stormwater compliance to municipalities.

a. *Status/Results Achieved 2/1/17 – 12/1/18:*

NWF and Toy Box Studios visited the following schools to collect b-roll of the BMPs and student activities, and conduct interviews with students, staff, and partners:

1. Mattaponi Elementary School, Prince George's County, Maryland
2. Padonia International Elementary, Baltimore County, Maryland
3. Mantua Elementary School, Fairfax County, VA
4. Old Donation School, Virginia Beach Public Schools, Virginia
5. Sedgefield Elementary School, Newport News, VA
6. Wheatland Middle School, Lancaster, PA

MAEOE and Toy Box Studios also attended a Treating & Teaching Board to conduct additional interviews about the Prince George's County stormwater program, of which Mattaponi Elementary is one participant.

As of the end of the project period, the following draft videos were compiled by Toy Box Studios and shared with MAEOE and NOAA staff. All partners are meeting in early January to discuss revisions with the goal of finalizing the videos to be shared on Bay Backpack and MAEOE's website by the end of the month.

Links to videos (password: nwf)

Video 1 - The Problem with Stormwater
<https://vimeo.com/403089394>

Video 2 - Teaching about Stormwater
<https://vimeo.com/403522865>

Video 3 - Reducing Stormwater Impacts
<https://vimeo.com/403070882>

Video 4 - Designing and Implementing a Stormwater Project
<https://vimeo.com/405572579>

Video 5 - Engaging Partners
<https://vimeo.com/403848444>

Video 6 - Maintaining Stormwater Projects
<https://vimeo.com/405079858>

2. Program Narrative Questions

- a. Provide updates for any pieces of your project that were proposed to be developed during this reporting period. For example, if you needed a Quality Assurance Plan, provide updates on this or if you proposed to gather and analyze datasets, provide updates on the process.

n/a

- b. Did you provide presentations and/or trainings?

We have presented on aspects of this project, including how to integrate school stormwater BMPs with classroom education, at the MAEOE Conference in February 2018 and the NAAEE Conference in October 2018. MAEOE, with support from NWF, is currently organizing a webinar, which will cover the videos, case studies, and other Bay Backpack resources related to stormwater. That will be held in early March 2019. NWF and MAEOE will also be presenting at the MAEOE Conference in February 2019 on habitat restoration and stormwater BMPs on school grounds and this project will be included.

- c. Did your project have any significant changes to the scope of work, methods, or outcomes?

No.

- d. Do you have any substantial timeline or budget changes?

Yes, the project was granted an extension through December 1, 2018. We also requested a budget revision, which was approved.

If you answered yes to c and/or d describe the changes here and contact the Trust program manager, Hannah Martin, to discuss at hmartin@cbtrust.org or 410-974-2941 x114.

3. Project Evaluation and Lessons Learned

- a. Provide a written evaluation of this phase of the project and the method(s) used.

Overall, project was delayed and has taken much longer to complete than anticipated due to some of the challenges referenced below. We are now in the final stages of editing with input from all partners and will have final versions to publish shortly.

- b. Discuss major changes that have occurred in the project and how those changes will impact the next project phase(s).

n/a

- c. Briefly describe any lessons learned, including challenges or potential roadblocks to future progress.

Challenges included: recruiting participating schools in PA (many eligible schools were outside the watershed); recruiting eligible high schools across all three states; and coordinating filming dates between the school, NWF, and the videographer while vegetated BMPs were in bloom and school was in session. It was also a challenge to work with a videographer with little content knowledge about stormwater issues. As a lesson learned, I would recommend bidding out this type of contractual role in the future.

- d. How will you overcome these challenges during the next phase of the project?

n/a