

QUARTERLY/ANNUAL PERFORMANCE REPORT NARRATIVE

Cooperative Agreement #: CA_P13AC01266
Award Recipient: White Clay Watershed Association
Project/Program Title: Wild & Scenic River Funding
Date: October 1, 2017
Period Covered by Report: July 1, 2017- September 30, 2017
Funds Expended during this quarter: 13,009.38
Submitted by: Shane Morgan, Management Plan Coordinator
Submitted to: National Park Service – Partnership Wild & Scenic Rivers

Summary of work performed during the period covered by the report:

Administration (\$11,240.74)

Continued participation in watershed wide meetings throughout the quarter: Christina Watershed Partnership, Stroud Water Research Center Enviro DIY Training Workshop, Christina Basin Task Force, individual meetings with various stakeholders, and several Board of Supervisors meetings. Conducted White Clay Steering Committee Quarterly meeting and maintained and updated program fiscal records and worked with committee members to spend down remaining funds in current 5-year contract. Attended meetings and provided support to watershed residents regarding the proposed cell tower in New Garden Township (which is on hold indefinitely to date). Developed work plan and met with new White Clay UD WRA student intern, Jillian Young. Submitted grant application to Chester County Community Foundation for a capacity building grant for the Watershed Association.

Attended the annual Partnership Wild and Scenic Rivers Meeting in Westfield Massachusetts where we learned more about how NPS can support our rivers and the research and outreach projects that they are working on, including a media tool kit for the 50th year anniversary of Wild and Scenic Rivers. Shane also learned of the Fellowship program and is working on a job description to apply for a potential Fellow for the White Clay.

Submitted final close out report to Pennsylvania Department of Environmental Protection and closed out Growing Greener Grant for the New Garden Park Riparian Restoration Project.

This quarter expenses also include the yearly insurance premium for the WCWA (\$2480), purchase of 2017 Microsoft office, annual Squarespace web hosting fee, and increased Dropbox storage for water quality projects data management.

Education (\$0)

School Programs: School letters sent out to all public schools located in the watershed informing them of available funding. Avon Grove Intermediate School has signed up and will be sending 800 students to Stroud for watershed science class.

Community Outreach:

- Website stats: 4,961 unique visitors, 5,969 page visits, and 10.1k page views in 2017 to date. The most popular content being Catch the Rain (16% of traffic).
- Switched ccil general mail list and web subscribers over to the new io groups mail platform and added a subscribe link to our website for the io groups mail platform.
- Interview by Richard Gau printed in the Southern Chester County Press on the Catch the Rain Program sparking a renewed interest in the program. Article was also promoted on social media with an even larger response.
- Tasked UD student intern with posting to Facebook on a more frequent basis.

Restoration (\$ 1,768.64)

Stream Monitoring Projects:

- Met with Dave Bressler (Stroud) on site at Mill Creek to recon of new site. Finalized contract for new sensor.
- Several working meetings with Rob Tuttle (DNS volunteer, retired software designer) to develop software using the open source R that meets the needs of our monitoring efforts. We are still working out the details, but have a version up and running that we are now trialing with the Mayfly sensor data. Kristen Travers (DNS) and Kim Hachadoorian (TNC) and myself, are working with Rob to set the specific parameters for our watersheds (Red Clay, Brandywine, and White Clay). We plan to share our efforts and outputs with other watershed organizations and citizen science groups.
- Complete base flow bacteria sampling in both PA and DE. DNA analysis will take place this fall.
- Set up dropbox and basic data management system for volunteers to use for uploading data. Created data entry template for specific types of data that volunteers can use to input data. Work with Marion Wagoner and Dave Yake (volunteer) to develop a template for uploading data from local rain gages, flow data, and collected field data. Continued to update master spreadsheet of newly updated data.
- Started on basic framework for overall stream monitoring plan and goals.

Christina Watersheds Municipal Partnership (formally known as the Christina Basin TMDL

Implementation Partnership:

- Attended board of supervisor meetings to update elected officials on progress made towards a draft TMDL plan. Worked with Ellen to review all the draft plans (not just in the pilot) to look for areas of potential collaboration, and get a better understanding of which townships will likely need our support in locating and selecting good watershed restoration projects.
- Attended monthly meetings with the Christina Watersheds Municipal Partnership (CWMP) to develop strategy and resource materials to be used in all three pilot areas of the Christina Basin.
- Acquired an additional match of \$5000 from the BRCA for continued support (year 2) of the White Clay pilot multi-municipal MS₄ work. Total received to date (\$15,000, with another \$5000 pledge)

Catch the Rain Program:

- Beth Burnam is no longer with the Brandywine Conservancy (as of June 30) and they are still looking for someone to take on her Catch the Rain Program responsibilities. Catch the Rain will be part of the Brandywine Conservancy's phase 2 funding request to the William Penn Foundation.
- Published article in local newspaper in late August. Visited with five new applicants and provided accompanying site reports. The other two applicants have site visits scheduled. 32 applicants total to date (since program started in September 2016).
- One rain barrel rebate in the amount of \$50

Franklin Preserve Reforestation and Land Stewardship:

- Greg Gagliano (Red Tail Restoration) continued with invasive species management and tree tending throughout the summer months. A new tree survival assessment will be made in October at which time it will be determined what type of tree planting is needed to augment the initial plant.

New Garden Park Stream Restoration:

- Final close out report was approved by PA DEP and the final reimbursement was received. All outstanding invoices were paid.
- Landstudies is scheduled to do a final walk through with this fall and one last invasive species treatment. Then all work will turn over to New Garden township.

Land Preservation (\$0)

Update on current Natural Lands Trust Projects:

- Sinclair Morris: The 23-acre land conservation and trail easements closed this summer.
- St. Anthony's: moving forward, the Wild and Scenic Committee reserved \$5000 of FY16 funds towards the conservation and trail easements on the 137-acre property in New Garden Township expected to close this year. The total cost of this project is 1.3 million.
- Reynolds: moving forward, the Wild and Scenic Committee reserved \$7000 of FY17 funds towards the conservation easement on the 178-acre property in New Garden Township expected to close in 2018. The total cost of this project is 2.3 million.
- Christie: The Wild and Scenic Committee reserved \$3000 of FY16 funds towards the conservation and trail easements on the 4.2-acre property in New Garden Township expected to close this year. The total cost of this project is \$67,000.
- Two other potential projects in New Garden Township. The Christie property wants to add 4 more acres to an existing easement on their land, and another 20-acre property near New Garden Township Park where the neighbor is interested in buying the neighboring property and then selling an easement on it.

Update on current Brandywine Conservancy Projects:

- John Goodall (Brandywine Conservancy) is still working with the Healthy Water Fund Committee and the City of Newark on using the Hutchinson property (in Penn Township, PA) to test out the idea of a Delaware municipality doing work in a Pennsylvania municipality. The conservation plan has been improved to go above and beyond what is required to meet regulatory obligations by including a riparian buffer area and management of said buffer. The Wild and Scenic Committee initially approved and reserved \$2500 in support of a grassed waterway on the Hutchinson but there is a potential need for additional funds to help with the new buffer and the management of the installed planting.

Federal Financial Report

(Follow form Instructions)

OMB Number: 4040-0014
Expiration Date: 01/31/2019

1. Federal Agency and Organizational Element to Which Report is Submitted <input style="width: 90%; height: 20px;" type="text" value="National Park Service"/>		2. Federal Grant or Other Identifying Number Assigned by Federal Agency (To report multiple grants, use FFR Attachment) <input style="width: 90%; height: 20px;" type="text" value="P13AC01266"/>	
3. Recipient Organization (Name and complete address including Zip code) Recipient Organization Name: <input style="width: 95%; height: 20px;" type="text" value="White Clay Watershed Association"/> Street1: <input style="width: 95%; height: 20px;" type="text" value="PO Box 10"/> Street2: <input style="width: 95%; height: 20px;" type="text"/> City: <input style="width: 30%; height: 20px;" type="text" value="Landenberg"/> County: <input style="width: 40%; height: 20px;" type="text" value="Chester (PA) / New Castle (DE)"/> State: <input style="width: 40%; height: 20px;" type="text" value="PA: Pennsylvania"/> Province: <input style="width: 40%; height: 20px;" type="text"/> Country: <input style="width: 40%; height: 20px;" type="text" value="USA: UNITED STATES"/> ZIP / Postal Code: <input style="width: 40%; height: 20px;" type="text" value="19350-0010"/>			
4a. DUNS Number <input style="width: 90%; height: 20px;" type="text" value="094577926"/>	4b. EIN <input style="width: 90%; height: 20px;" type="text" value="23-7116453"/>	5. Recipient Account Number or Identifying Number (To report multiple grants, use FFR Attachment) <input style="width: 95%; height: 20px;" type="text"/>	
6. Report Type <input checked="" type="checkbox"/> Quarterly <input type="checkbox"/> Semi-Annual <input type="checkbox"/> Annual <input type="checkbox"/> Final	7. Basis of Accounting <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual	8. Project/Grant Period From: <input style="width: 80%; height: 20px;" type="text" value="9/10/2013"/> To: <input style="width: 80%; height: 20px;" type="text" value="9/30/2018"/>	9. Reporting Period End Date <input style="width: 90%; height: 20px;" type="text" value="9/30/2017"/>
10. Transactions (Use lines a-c for single or multiple grant reporting)			Cumulative
Federal Cash (To report multiple grants, also use FFR attachment):			
a. Cash Receipts			<input style="width: 80%; height: 20px;" type="text" value="\$233,529.13"/>
b. Cash Disbursements			<input style="width: 80%; height: 20px;" type="text" value="\$246,538.51"/>
c. Cash on Hand (line a minus b)			<input style="width: 80%; height: 20px;" type="text" value="(\$13,009.38)"/>
(Use lines d-o for single grant reporting)			
Federal Expenditures and Unobligated Balance:			
d. Total Federal funds authorized			<input style="width: 80%; height: 20px;" type="text" value="\$294,600.00"/>
e. Federal share of expenditures			<input style="width: 80%; height: 20px;" type="text" value="\$233,529.13"/>
f. Federal share of unliquidated obligations			<input style="width: 80%; height: 20px;" type="text" value="\$13,009.38"/>
g. Total Federal share (sum of lines e and f)			<input style="width: 80%; height: 20px;" type="text" value="\$246,538.51"/>
h. Unobligated balance of Federal Funds (line d minus g)			<input style="width: 80%; height: 20px;" type="text" value="\$48,061.49"/>
Recipient Share:			
i. Total recipient share required			<input style="width: 80%; height: 20px;" type="text" value="\$0.00"/>
j. Recipient share of expenditures			<input style="width: 80%; height: 20px;" type="text"/>
k. Remaining recipient share to be provided (line i minus j)			<input style="width: 80%; height: 20px;" type="text"/>
Program Income:			
l. Total Federal program income earned			<input style="width: 80%; height: 20px;" type="text" value="\$0.00"/>
m. Program Income expended in accordance with the deduction alternative			<input style="width: 80%; height: 20px;" type="text"/>
n. Program Income expended in accordance with the addition alternative			<input style="width: 80%; height: 20px;" type="text"/>
o. Unexpended program income (line l minus line m or line n)			<input style="width: 80%; height: 20px;" type="text"/>

11. Indirect Expense						
a. Type	b. Rate	c. Period From	Period To	d. Base	e. Amount Charged	f. Federal Share
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
g. Totals:				<input type="text"/>	<input type="text"/>	<input type="text"/>

12. Remarks: Attach any explanations deemed necessary or information required by Federal sponsoring agency in compliance with governing legislation:

13. Certification: By signing this report, I certify that it is true, complete, and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent information may subject me to criminal, civil or administrative penalties. (U.S. Code, Title 18, section 1001)

a. Name and Title of Authorized Certifying Official

Prefix: First Name: Middle Name:
 Last Name: Suffix:
 Title:

b. Signature of Authorized Certifying Official

c. Telephone (Area code, number and extension)

d. Email Address

e. Date Report Submitted

14. Agency use only: