

FEDERAL FINANCIAL REPORT

(Follow form instructions)

1. Federal Agency and Organizational Element to Which Report is Submitted <p style="text-align: center;">National Park Service</p>	2. Federal Grant or Other Identifying Number Assigned by Federal Agency (To report multiple grants, use FFR Attachment) <p style="text-align: center;">P13AC01266</p>	Page <p style="text-align: center;">1</p>	of <p style="text-align: center;">1</p>
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pages

3. Recipient Organization (Name and complete address including Zip code) White Clay Watershed Association PO Box 10 Landenberg, PA 19350

4a. DUNS Number <p style="text-align: center;">094577926</p>	4b. EIN <p style="text-align: center;">23-7116453</p>	5. Recipient Account Number or Identifying Number (To report multiple grants, use FFR Attachment)	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
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8. Project/Grant Period From: (Month, Day, Year) <p style="text-align: center;">9/10/2013</p>	To: (Month, Day, Year) <p style="text-align: center;">9/30/2018</p>	9. Reporting Period End Date (Month, Day, Year) <p style="text-align: center;">6/30/2016</p>
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10. Transactions	Cumulative
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(Use lines a-c for single or multiple grant reporting)

Federal Cash (To report multiple grants, also use FFR Attachment):	
a. Cash Receipts	\$132,286.44
b. Cash Disbursements	\$154,637.10
c. Cash on Hand (line a minus b)	(\$22,350.66)

(Use lines d-o for single grant reporting)

Federal Expenditures and Unobligated Balance:	
d. Total Federal funds authorized	\$199,600.00
e. Federal share of expenditures	\$132,286.44
f. Federal share of unliquidated obligations	\$22,350.66
g. Total Federal share (sum of lines e and f)	\$154,637.10
h. Unobligated balance of Federal funds (line d minus g)	\$44,962.90
Recipient Share:	
i. Total recipient share required	\$0.00
j. Recipient share of expenditures	
k. Remaining recipient share to be provided (line i minus j)	
Program Income:	
l. Total Federal program income earned	\$0.00
m. Program income expended in accordance with the deduction alternative	
n. Program income expended in accordance with the addition alternative	
o. Unexpended program income (line l minus line m or line n)	

	a. Type	b. Rate	c. Period From	Period To	d. Base	e. Amount Charged	f. Federal Share
11. Indirect Expense							
g. Totals:							

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 218, Section 1001)

a. Typed or Printed Name and Title of Authorized Certifying Official <p style="text-align: center;">David R. Hawk, Treasurer</p>	c. Telephone (Area code, number and extension) 309-314-0642 (email recommended)
b. Signature of Authorized Certifying Official <p style="text-align: center;"><i>David R Hawk</i></p>	d. Email address dhawk@ccil.org
	e. Date Report Submitted (Month, Day, Year) 6/30/2016

14. Agency use only:

Standard Form 425
 OMB Approval Number: 0348-0061
 Expiration Date: 10/31/2011

Paperwork Burden Statement

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is 0348-0061. Public reporting burden for this collection of information is estimated to average 1.5 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0060), Washington, DC 20503.

QUARTERLY/ANNUAL PERFORMANCE REPORT NARRATIVE

Cooperative Agreement #: CA_P13AC01266
Award Recipient: White Clay Watershed Association
Project/Program Title: Wild & Scenic River Funding
Date: July 1, 2016
Period Covered by Report: April 1, 2016- June 30, 2016
Funds expended during this reporting period: \$22,350.66
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

Completed the 16-week Non-Profit Management Certificate Course with University of Delaware School of Public Policy. Developed an action plan and presentation for five strategic issues to present to the White Clay Watershed Association. Attended several watershed wide meetings throughout the quarter. Presented the Business and Industry award to SUEZ at the annual WRA-DRB meeting for their watershed control plan. Maintained and updated program fiscal records.

Education

Co-hosted the annual White Clay Creek Fest on May 7, 2016. Despite the poor weather, 650 people attended. 250 reusable water bottles were distributed, 13 rain barrels sold, and 8 new nonprofit organizations hosted exhibits.

Updated the White Clay Wild & Scenic Program blog and mailchimp newsletter, and social media. Continued to submit articles to two municipal newsletters (New Garden and London Grove Townships).

- Spring 2016 newsletter article: [Can't cut calories? Try a pollution diet instead.](#) (Overview of TMDLs)
- Summer 2016 newsletter article: [Catch the Rain! Get Creek Wise in White Clay.](#) (Overview of new Green Stormwater Infrastructure program)

Mailchimp Newsletter stats: 319 recipients, 36.7% average open rate (industry average 20.2%), click rate 7.8% (industry average 2.2%)

Website stats: 383 average visits (unique user with several page views)/month, 955 unique page views/month, 331 unique visitors/month.

Christina Basin Education Group – met in June, working on putting together a third Brandywine-Christina Basin video. Met with the Barbato brothers, Kristen T. and Martha N. to develop outline for next video focusing on stormwater impairments in the Brandywine-Christina and what citizens can do improve conditions.

Met with Education Subcommittee to develop FY16 work plan.

Provided funding for the following schools (@500 students total) to attend a watershed science field trip at Stroud Water Research Center (Our program increased Stroud's attendance by 30% in 2016 by providing bussing as a match to EITC programming funds for PA public schools):

- Newark High School AP Biology and Environmental Studies students, grades 11-12 (24) (expressed interest in returning Spring 2017)
- Assumption BVM, 7th grade (27)
- Avon Grove Intermediate School, 4th grade (400) (note AGIS contacted Stroud about coming out again fall 2016 with a new group of 4th graders)

Met with 2015 summer intern Patrick Heringslack to collect field sheets and sampling materials. Reviewed sampling locations and offered assistance to him with his graduation project requirements including suggestions on graphing needs and future bacteria analysis. Released second installment for internship hours completed.

Restoration

Created and presented 'Bacteria Research in the White Clay Creek' at the June Christina Basin Task Force Meeting. Met with Jinjun Kan and the new summer intern at Stroud and reviewed the summer 2016 bacteria sampling strategy.

Met with Kristen Travers to discuss expansion of White Clay bacteria monitoring into Delaware this summer. Delaware Nature Society will provide support for a summer intern, Andrea Miller (UD undergraduate) to sample 5 sites (3 in Mill Creek and 2 in Middle Run) for enterococcus. The intern will also conduct macroinvertebrate sampling at each location. Funds for materials will come from the White Clay Restoration Fund (DE tax check off).

Awarded \$20,000 E.K. Dockstader grant for the Green Stormwater Infrastructure Pilot Program 'Catch the Rain' proposal for the White Clay Creek in partnership with Brandywine Conservancy. Regular meetings with Beth Burnam to develop the program, create educational materials, and develop workshop for potential participants. Spoke with potential 'preferred' contractors, and began contacting coordinators of similar programs to learn more about how their programs (Philly Rain Check and Montgomery County Maryland Rainscapes). Met with Leslie Kedash (Kedash Design) to review educational needs (web/print) for the pilot program.

Continued communications and support (provided them with a Nitrate (NO₃-N) meter) to Marion Waggoner and Dave Yake (Save our Water). Flow data, localized precipitation data, and Nitrate levels being taken at both Broad Run and Egypt Run.

Provided municipal assistance for best management practices (BMPs):

- Continued work on the New Garden Park Riparian Buffer Growing Greener Project with Landstudies and New Garden Township; checked on new plantings and met with Township officials to discuss management of no mow areas.
- Contracted with GreenWeaver to treat the thistle. New Garden Township paid for the initial treatment (\$500).
- Contracted with GreenWeaver to treat the thistle in both basins and the parking island (source). London Grove Township paid for initial treatment (\$250).

- Consulted Eagle Scout, Nick Dinsmore, installing a rain garden at Franklin Township building for an Eagle Scout project. Provided scout with BMP signage for rain garden.
- Installed native pollinator plants (@1000 landscape plugs) in the Curtis Mill Park floodplain with City of Newark, and Newark High School students on May 14. This was phase 2 of work with these students. Phase 1 involved planting of trees and shrubs in the floodplain buffer in November (2015).

Continued work with the Christina Basin TMDL Implementation Partnership:

- Met with township managers at New Garden, Franklin, and London Grove to gauge interest in a multi-municipal collaboration on the upcoming stormwater management plans for DEP.
- Attended multiple meetings with the Christina TMDL Implementation Partnership (Brandywine Red Clay Alliance, Gaadt Perspectives, Brandywine Conservancy, Chester County Water Resources Agency, Ellen Kohler, LLC, and Naomi Young, UMD Finance Department) to develop path forward for the multi-municipal collaboration that includes a suburban pilot area in White Clay Creek.
- Proposed partial funding for a White Clay Creek suburban pilot area coordinator to work closely with township engineers, managers, and supervisors, regulatory agencies, and the CTIP partners on facilitating the White Clay Creek suburban pilot area. White Clay Wild and Scenic funding in the amount of \$10,000 was awarded to Ellen Kohler, LLC to act as the lead coordinator. This work will compliment the Water Fund work conducted by The Nature Conservancy and University of Delaware. It is the municipal (MS4) component to a watershed wide approach to cleaning up the streams.
- Provided letter of support to BRCA for a William Penn Innovation grant to help fund the CTIP work. BRCA was awarded \$100,000 in grant funding in the amount of \$100,000 from William Penn, \$10,000 of which will be applied to the White Clay suburban pilot area to support the work of the White Clay coordinator. Additional funding will be sought.

Land Preservation/Reforestation

Visited reforestation sites in need of stewardship with Rob Daniels, Brandywine Conservancy. Selected the Franklin Preserve reforestation site as the pilot and met on site with Brandywine Conservancy Reforestation Manger, Rob Daniels and contractor, Greg Gagliano (Red Tail Restoration LLC) to assess current conditions and go over management strategies. Contacted Franklin Township manager to discuss project and seek approval. Approval for work granted. Developed working contract between Red Tail Restoration, LLC and Brandywine Conservancy to move project forward and for spend down remaining funds in NLT/BC contract. Stewardship work to begin July 2016 and includes a fall tree planting.

Circulated funding reallocation proposal from Brandywine Conservancy and Natural Lands Trust to Steering Committee for approval. Proposal approved with some questions regarding staff costs involved. Reviewed questions with Chuck Barscz for clarification. Staff time is an allowable expense and has been vetted by NPS. It is included in several Wild and Scenic River contracts.

	Total Budgeted	Previously Reported Expenditures	Expenditures This Report	Amount Remaining
Budget Year: 2013				
Admin				
Contractual	\$22,392.23	(\$22,392.23)	\$0.00	\$0.00
Other	\$151.00	(\$151.00)	\$0.00	\$0.00
Supplies	\$1,563.58	(\$1,563.58)	\$0.00	\$0.00
Travel	\$1,000.00	(\$1,000.00)	\$0.00	\$0.00
Education				
Contractual	\$7,441.49	(\$7,441.49)	\$0.00	\$0.00
Supplies	\$784.86	(\$784.86)	\$0.00	\$0.00
Restoration				
Contractual	\$9,566.84	(\$9,566.84)	\$0.00	\$0.00
Supplies	\$6,000.00	(\$6,000.00)	\$0.00	\$0.00
Travel	\$300.00	(\$291.24)	\$0.00	\$8.76
Subtotal:	\$49,200.00	(\$49,191.24)	\$0.00	\$8.76
Budget Year: 2014				
Admin				
Contractual	\$4,000.00	(\$4,000.00)	\$0.00	\$0.00
Other	\$2,200.00	(\$2,200.00)	\$0.00	\$0.00
Personnel	\$32,500.00	(\$32,500.00)	\$0.00	\$0.00
Supplies	\$500.00	(\$500.00)	\$0.00	\$0.00
Travel	\$1,500.00	(\$1,500.00)	\$0.00	\$0.00
Restoration				
Contractual	\$12,292.93	(\$10,960.91)	\$0.00	\$1,332.02
Supplies	\$1,807.07	(\$494.63)	(\$1,312.44)	\$0.00
Travel	\$600.00	(\$316.96)	\$0.00	\$283.04
Subtotal:	\$55,400.00	(\$52,472.50)	(\$1,312.44)	\$1,615.06
Budget Year: 2015				
Admin				
Contractual	\$9,440.00	(\$8,707.10)	(\$78.57)	\$654.33
Other	\$2,600.00	(\$2,412.00)	\$0.00	\$188.00
Personnel	\$40,945.68	(\$18,460.97)	(\$15,177.60)	\$7,307.11
Supplies	\$1,250.00	(\$237.94)	(\$357.42)	\$654.64
Travel	\$1,500.00	(\$399.10)	(\$609.16)	\$491.74
Education				
Contractual	\$19,184.32	(\$360.59)	(\$2,448.70)	\$16,375.03
Supplies	\$1,080.00	(\$45.00)	(\$419.97)	\$615.03
Restoration				
Contractual	\$15,500.00	\$0.00	\$0.00	\$15,500.00
Supplies	\$3,500.00	\$0.00	(\$1,946.80)	\$1,553.20
Subtotal:	\$95,000.00	(\$30,622.70)	(\$21,038.22)	\$43,339.08
Total Reimbursement:			(\$22,350.66)	

The ledger for the expenditures in these reports is as follows:

Date	Bank/ Chk#	WCWA Trans#	To/From	Amount	Balance
					(\$6,748.46)
04/04/16	WA/1074	3365	Shane Morgan	(\$4,232.99)	(\$10,981.45)
			Administration Services, general administration work		
04/06/16	WA	3367	NPS	\$119.06	(\$10,862.39)
			nps reimbursement		
04/06/16	WA	3367	NPS	\$6,629.40	(\$4,232.99)
			reimbursement		
04/12/16	RA/884	3369	Post Master	(\$6.45)	(\$4,239.44)
			reimburse expenses - 500 post card postage & postage re		
04/12/16	RA/884	3369	Post Master	(\$170.00)	(\$4,409.44)
			reimburse expenses - postage & postage report to del na		
04/12/16	RA/885	3370	Shane Morgan	(\$162.00)	(\$4,571.44)
			reimburse direct mailing list for creekfest postcards		
04/16/16	WA/1020	3371	Duvall Bus Service	(\$225.00)	(\$4,796.44)
			bus service BVM to Stroud on 4/13/16		
04/29/16	RA/886	3378	Shane Morgan	(\$163.76)	(\$4,960.20)
			reimburse expenses		
04/30/16	WA/1109	3377	Shane Morgan	(\$3,742.09)	(\$8,702.29)
			Administration Services, general administration work		
05/02/16	RA/887	3385	North Creek Nurseries	(\$282.88)	(\$8,985.17)
			plants for educational display at creekfest		
05/16/16	RA/889	3395	Shane Morgan	(\$237.75)	(\$9,222.92)
			reimburse expenses		
05/25/16	WA/1112	3387	IDEXX Distribution Co.	(\$3,259.24)	(\$12,482.16)
			bacteria testing supplies		
05/31/16	RA/890	3389	Shane Morgan	(\$240.18)	(\$12,722.34)
			reimburse expenses		
06/01/16	WA/1113	3388	Shane Morgan	(\$4,643.41)	(\$17,365.75)
			Administration Services, general administration work		

06/21/16	RA/891	3399	Patrick Heringslack	(\$625.00)	(\$17,990.75)
			water quality internship		
06/22/16	WA/1114	3391	Avon Grove School Dist	(\$1,166.04)	(\$19,156.79)
06/30/16	RA/890	3398	Shane Morgan	(\$634.76)	(\$19,791.55)
			reimburse expenses		
06/30/16	WA/1115	3397	Shane Morgan	(\$2,559.11)	(\$22,350.66)
			Administration Services, general administration work		

Bank Codes:

RA - River Administrator's checking account

WA - White Clay Watershed Association's checking account

WS - WCWA Wild & Scenic checking account