

Single Application for AssistanceWeb Application Id: **8334253**Single Application Id: **201908056883**Applicant: **Doc Fritchey Trout Unlimited**Company: **Doc Fritchey Trout Unlimited**Program Selected: **319 Nonpoint Source Management Grants Program****Applicant Information**

Applicant Entity Type:	Non-Profit Corporation
Applicant Name:	Doc Fritchey Trout Unlimited
Charitable organization?	False
NAICS Code	8134
FEIN/SSN Number	XXXXXXXXXX
DUNS Number:	
CEO:	Russ Collins
CEO Title:	President
SAP Vendor #:	XXXXXX
Contact Name:	Howard McGarvey
Contact Title:	Treasurer
Phone:	(860)-367-1516 Ext.
Fax:	
E-mail:	trip@tfdu.org
Mailing Address:	P.O. Box 227
City:	Palmyra
State:	PA
Zip Code:	17078

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Company Entity Type:	Non-Profit Corporation
Company Name:	Doc Fritchey Trout Unlimited
Charitable organization?	False
NAICS Code	8134
FEIN:	XXXXXXXXXX
DUNS Number:	
CEO:	Russ Collins
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Business Specifics

Current # of Full-time Employees:	
(In PA):	0
(World Wide:)	0
Minority Owned:	No
	Select
Woman Owned:	No
Total Sales \$:	0
Total Export Sales \$:	0
R&D Investment:	0 (% of Budget)
Employee Training Investment:	0 (% of Budget)

Enterprise Type

Indicate the types of enterprises that describe the organization listed above. You may select more than one type.

<input type="checkbox"/> Advanced Technology	<input type="checkbox"/> Agri-Processor	<input type="checkbox"/> Agri-Producer
<input type="checkbox"/> Authority	<input type="checkbox"/> Biotechnology / Life Sciences	<input type="checkbox"/> Business Financial Services
<input type="checkbox"/> Call Center	<input type="checkbox"/> Child Care Center	<input type="checkbox"/> Commercial
<input type="checkbox"/> Community Dev. Provider	<input type="checkbox"/> Computer & Clerical Operators	<input type="checkbox"/> Defense Related
<input type="checkbox"/> Economic Dev. Provider	<input type="checkbox"/> Educational Facility	<input type="checkbox"/> Emergency Responder
<input checked="" type="checkbox"/> Environment and Conservation	<input type="checkbox"/> Exempt Facility	<input type="checkbox"/> Export Manufacturing
<input type="checkbox"/> Export Service	<input type="checkbox"/> Food Processing	<input type="checkbox"/> Government
<input type="checkbox"/> Healthcare	<input type="checkbox"/> Hospitality	<input type="checkbox"/> Industrial
<input type="checkbox"/> Manufacturing	<input type="checkbox"/> Mining	<input type="checkbox"/> Other
<input type="checkbox"/> Professional Services	<input type="checkbox"/> Recycling	<input type="checkbox"/> Regional & National Headquarters
<input type="checkbox"/> Research & Development	<input type="checkbox"/> Retail	<input type="checkbox"/> Social Services Provider
<input type="checkbox"/> Tourism Promotion	<input type="checkbox"/> Warehouse & Terminal	

Environment and Conservation,

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Project Overview

Project Name:

Snitz Creek Stream and Floodplain Restoration Design and Permitting CORRECTED & REVISED

Is this project related to another previously submitted project?

Yes

If yes, indicate previous project name:

Previously submitted Snitz Creek Stream and Floodplain Restoration Design and Permitting

Have you contacted anyone at DEP about your project?

Yes

If yes, indicate who:

Jineen Boyle

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Project Site Locations

Address:	Latitude 40° 17' 11.24" N Longitude 76° 24' 42.13" W
City:	Cornwall
State:	PA
Zip Code:	17042
County:	Lebanon
Municipality:	Cornwall Borough
PA House:	Frank Ryan (101)
PA Senate:	Mike Folmer (48)
US House:	Ryan Costello (6)
Designated Areas:	

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Project Budget

	319 Nonpoint Source Management Grants Program	Match Local	Total
319 Nonpoint Source Management Grants Program	\$167,541.00	\$28,500.00	
Salaries/Benefits	\$.00	\$.00	\$.00
Travel	\$.00	\$.00	\$.00
Equipment and Supplies	\$.00	\$.00	\$.00
Administration	\$7,978.00	\$6,000.00	\$13,978.00
Contractual	\$159,563.00	\$22,500.00	\$182,063.00
Construction	\$.00	\$.00	\$.00
Total	\$167,541.00	\$28,500.00	
		Budget Total:	\$196,041.00

Basis of Cost

Provide the basis for calculating the costs that are identified in the Project Budget.

Contractor Estimates

Budget Narrative

The narrative must specifically address each of the cost items identified in the Project Budget section. If an amount is placed in any of the OTHER categories, you must specify what the money will be used for. **NOTE:** Some programs have specific guidelines regarding the narrative necessary to qualify for that particular resource. Please read the Program Guidelines for details.

Deliv. 1: Final Design & Construction Docs: Administration: Doc Fritchey Trout Unlimited (DFTU). Grant admin & contract mgmt. Prepare & submit reimbursement apps, process invoices, prepare status & final reports. \$6,562. Admin. Cost Subtotal: \$6,562.

Contractual: Clear Creeks Consulting (CCC). Topo survey & base map prep, field studies & design criteria, prelim. & final design, construction docs: \$38,775. Ecosystem Planning & Restoration (EPR): Base map prep, H&H analysis, prelim. & final design CAD. \$77,935. Foothills Consulting: Topo survey. \$14,529. Contractual Subtotal: \$131,239.

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Project Budget

Deliv. 1 Total: \$137,801.

Deliv. 2: Local, State & Fed Permitting. Administration. DFTU: Grant admin & contract Mmgmt. Prepare & submit reimbursement apps, process invoices, prepare status & final reports. \$1,416. Admin Subtotal: \$1,416.

Contractual. CCC: Agency coordination, pre-app. meeting, E&S plans, permit apps, address agency comments. \$8,800. EPR: Tasks: Environmental & Cultural assessmnts, E&S Plans, permit apps. \$19,524.. Contractual Subtotal: \$28,324.

Deliv. 2 Total: \$29,740.

Total Admin Cost: \$7,978.

Total Contractual Cost: \$159,563.

Total Admin & Contractual Cost: \$167,541.

Match: Admin. In-Kind Match. DFTU: Grant admin. \$3,000. Quittapahilla Watershed Association (QWA): Landowner coordination, letters of commitment & landowner-grantee agreements: \$3,000. Admin. Match Subtotal: \$6,000.

Contractual In-Kind Match: CCC. Project mgmt, meetings & site visits, coordination on funding, track schedule & budget, assemble & submit invoices, prepare status & final reports. \$7,000. EPR: Project admin, meetings & site visits, track schedule & budget, prepare invoices. \$5,000. CCC: Prepare prelim OM&R Plan. \$3,500. CCC: Prepare bid docs, pre-bid site showing. \$7,000. Contractual Match Subtotal: \$22,500.

Match Total: \$28,500.

Total Project Cost: \$196,041.

More detail Supporting Documentation.

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Project Narrative

Provide a brief, concise project description no more than two sentences.

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The Snitz Creek 3 Stream and Floodplain Restoration Project will restore 1,000 linear feet of in-stream and riparian habitat along the mainstem Snitz Creek, converting 150 linear feet of a tributary into 1,000 linear feet of stream channel that meanders across the restored floodplain. The floodplain restoration will create 1.2 – 1.5 acres of emergent and scrub-shrub wetlands that will provide water quality treatment for runoff from more than 388 acres of cultivated fields.

Project Executive Summary

Project Executive Summary

Project will restore 1,000 linear feet of in-stream and riparian habitat along the mainstem Snitz Creek, substantially reducing nitrogen, phosphorus and sediment loadings from streambank erosion. The project will convert 150 linear feet of a tributary into 1,000 linear feet of stream. The floodplain restoration will create 1.2 – 1.5 acres of emergent and scrub-shrub wetlands that will provide water quality treatment for runoff from more than 388 acres of cultivated fields.

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Program Addenda

1. Is your organization a non-profit?

Yes

If yes, does your organization have:

501(c)(3) status?

Yes

Pennsylvania Charitable Status?

No

2. Project Location – enter the latitude and longitude of the project location (decimals)

Latitude:

40° 17' 11.24" N

Longitude:

76° 24' 42.13" W

3. Is the proposed project located in the Chesapeake Bay?

Yes

4. If Yes, what is the Watershed Implementation Plan (WIP) Tier Level?

See section 7, "How to apply" in the guidance.

Tier 2

5. Application Category Type

 WIP Implementation (design and/or construction) WIP Development and/or Revisions Statewide/regional project

6. If project is for WIP implementation, does the project support either of the following existing Watershed Implementation Plans?

a. Existing 319 WIP?

Yes

If Yes, please list

The Quittapahilla Creek Watershed Implementation Plan was submitted to PA-DEP in September 2018 and is currently under review by DEP and EPA. We were informed that we can go ahead and

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Program Addenda

apply for EPA 319 funding with the current status of the WIP being under review. The WIP is accessible on the Quittapahilla Watershed Association website, at <http://www.quittiecreek.org/documents.html>, or, the direct link to the pdf file is here: <http://www.quittiecreek.org/documents/2018%20WIP/QuittapahillaCreekWatershedImplementationPlan-Aug2018-FINAL.pdf>

b. Is your project part of your county's Chesapeake Bay Phase 3 WIP Countywide Action Plan? (Adams, Franklin, Lancaster or York counties only)

No

If Yes, please list

Adams Lancaster Franklin York

7. List the Impairment Source(s), Cause(s) and Reach Code listed for the receiving waters of your project. **Use the 2018**

Integrated Report to obtain this information.

Assessment ID: 17168

Assessed Use: Aquatic Life

Status: Impaired

Category: 4a

Impairment Source: Agriculture

Impairment Cause: Nutrients

Date Listed: 1996

TMDL Date: 04/09/2001

Stream Name: Snitz Creek

HUC: 02050305

HUC Name: Lower Susquehanna-Swatara

Reachcode: 2050305001124

COMID: 56399547

8. Briefly discuss how the proposed project intends to address the listed Impairment Sources and Causes. Please limit your response to 500 words or less

The 2018 Integrated Water Quality Report lists this reach of Snitz Creek as impaired with the source of impairment being crop related agriculture and the cause of impairment being siltation. The results of a rapid geomorphic assessment conducted during the summer of 2018 indicated that the stream reaches through this project area are laterally and vertically unstable due to meander redevelopment and maintenance of riparian vegetation. Stability problems include high width to depth ratio, significant bank erosion, debris jams, heavy sedimentation and aggradation (lateral and mid-channel bars). An Unnamed tributary that enters this reach drains a 646 acre watershed. Approximately 388 acres or 60% of this watershed is cultivated land. According to the landowner, this tributary is a significant source of sediment to Snitz Creek carrying runoff directly from the cultivated fields. The bank erosion along this project reach and the runoff from the cultivated fields that enter this reach are significant sources of sediment to downstream reaches along Snitz Creek, Quittapahilla Creek, as well as Swatara Creek. The Quittapahilla Creek WIP identified projects focused on stream bed and bank erosion, as well as opportunities to provide

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water quality treatment for runoff from agricultural land. As noted, our objectives and activities in the Quittapahilla Watershed are consistent with the Pennsylvania Nonpoint Source Management Plan: reducing nitrogen, phosphorus and sediment pollutant loads by implementing stream and floodplain restoration projects and planting riparian buffers. The Snitz Creek watershed ranks first among the four subwatersheds covered by our WIP. Snitz Creek 3 is the third on the priority projects list for Snitz Creek watershed. It represents an important next step in our continuing effort to implement those projects identified in our WIP for the Snitz Creek subwatershed. It will significantly reduce nutrient and sediment loadings to the Snitz Creek and Quittapahilla Watersheds..

9. Measurable Environmental Benefits

Nonpoint Source Pollutant Load Reductions

 Estimated Modelled

Nitrogen (lbs./yr.)

75

Phosphorus (lbs./yr.)

68

Sediment (tons/yr.)

44,880

Aluminum (lbs./day)

0

Iron (lbs./day)

0

Manganese (lbs./day)

0

Acidity (lbs./day)

0

Other (500 words max.)

0

Length of streambank stabilized or restored?

1,000

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Length of streambank fencing installed?

0

Acres of riparian buffers planted?

1

10. Is your project located in an area designated as an Environmental Justice community?

No

11. Will your project be conducted on land you either own or control?

No

12. Will your project be conducted on land owned by commonwealth agencies?

No

Have you contacted the appropriate agency?

If yes, identify the person you contacted

13. Is this project consistent with local comprehensive land use plans and zoning ordinances under Acts 67 & 68 of 2000?

Yes

14. Upload the Section 319 Workplan (Word only)

Uploaded Documents

DFTU Snitz Creek 3 Stream Restoration 319 Work Plan.docx [View](#)**15. Upload the location maps, site maps and/or photos**

Uploaded Documents

Snitz 3 Location Map_Aug 2019.pdf [View](#)Snitz 3 Site Map_Aug 2019.pdf [View](#)**16. Upload the Task and Deliverable Budget Worksheet**

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Uploaded Documents

DFTU-Snitz3-Task DeliverableBudgetWorksheet-REV.xlsx [View](#)

17. Upload any required Landowner Access Authorization Forms or Landowner Letters of Consent

Uploaded Documents

SnitzCreek3-LandownerLetterCommitment.pdf [View](#)

18. Upload AMDTreat report (AMD only)

Uploaded Documents

19. Upload any letters of support or additional information

Uploaded Documents

SnitzCreek3-LettersOfSupport.pdf [View](#)SnitzCreek3-Sec319-SupportingDocs-abridged.pdf [View](#)



Pennsylvania Department of Environmental Protection

Single Application for Assistance

Single Application #: 201908056883

This page must accompany all required supplemental information **Mail** to:

**Pennsylvania Department of Environmental Protection
DEP Grants Center
P.O. Box 8776
Harrisburg, PA 17105-8776**

I hereby certify that all information contained in the single application and supporting materials submitted to DEP via the Internet, Single Application # 201908056883 and its attachments are true and correct and accurately represent the status and economic condition of the Applicant, and I also certify that, if applying on behalf of the applicant, I have verified with an authorized representative of the Applicant that such information is true and correct and accurately represents the status and economic condition of the Applicant. I also understand that if I knowingly make a false statement or overvalue a security to obtain a grant and/or loan from the Commonwealth of Pennsylvania, I may be subject to criminal prosecution in accordance with 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities) and 31 U.S.C. §§ 3729 and 3802 (relating to false claims and statements).



Signature: Michael J. Schroeder

The Pennsylvania Department of Environmental Protection reserves the right to accept or reject any or all applications submitted on the Single Application for Assistance contingent upon available funding sources and respective applicant eligibility.