



**LANCASTER COUNTY
CONSERVATION DISTRICT**

MONTHLY BOARD MEETING AGENDA

Wednesday January 6, 2021

Business Meeting 7:30PM

Farm & Home Center/Zoom Call-in

<https://zoom.us/j/91731607863>

Timer

7:30 Call to Order, Chairman, Daniel Heller
 Welcome & Introductions – Heller
 Additions to the Agenda – Thompson
 Public Comment: Survey media / guests: Agenda items of interest? – Heller

7:38 I. Reorganization of the Board - Election of Officers and Committee Appointment – Tabled until February Mtg.

Page #

7:40 II. Agency Reports
 1. USDA, NRCS (attachment)..... 1
 2. PA DEP Field Rep Report (attached)..... 3

7:45 III. *Consent Agenda
 1. Meeting Minutes (attachment)..... 7
 2. Technical Assistance Requests/Cancellations (attachment)..... 14
 3. Nutrient Management Plan Approval (attachment)..... 14
 4. Conservation Plans Acknowledgement (attachment) 14

7:55 IV. *Additional Business
 1. Items removed from Consent Agenda..... -
 2. E&S/NPDES Monthly Projects Report – Snyder (day of packet) -
 *3. Personnel Committee Report/Request to Hire - Thompson/Wasco (attachment) 15
 *4. Exelon BMP - Kofroth/Hill (attachment) 21

8:00 V. Additional Public Comment

8:05 VI. Adjourn

(Directors, please call the district office if you will not be attending)

Dates to Remember:

1/15, 3:30pm CFLC Foundation Mtg	1/12-14, PACD/SCC Winter Mtg
1/18, Office Closed for Martin Luther King Holiday	2/3, 8:30am LCCD Annual Planning Mtg @ F&H

NEXT MEETING DATE: Wednesday, February 3, 2021, 1:00 p.m.

* Action Require



Activity Report to LCCD Board of Directors for December 2020

Lancaster Field Office Personnel:

Heather Grove, Supervisory District Conservationist
Mark Myers, Soil Conservationist
VACANT, Soil Conservationist
Mark Long, Soil Conservationist
Michael Albert, Soil Conservationist
Christine Griesemer, Soil Conservationist
Ashley Rice, Soil Conservation Technician

VACANT, Soil Conservation Technician
Jared Boger, Civil Engineering Technician
Lari Jo Walker, Program Assistant, RC&D
Jeff Sholly, Engineer, PACD
Ashley Spotts, Restoration Specialist, CBF
Julia Smith, Biologist, PF (York & Lancaster)

Conservation Planning Activities*:

FY20 Total (#)	FY20 Total (Ac)	FY21 Mo. Total (#)	FY21 Mo. Total (Ac)	FY21 Total (#)	FY21 Total (Ac)
49	2,805.9	1	48.4	3	163.6

*SEE "ACKNOWLEDGMENT OF CONSERVATION PLANS" REPORT

Conservation Practice Installation Activities*:

Practice Code & Name	FY20 Total	FY21 Mo. Total	FY21 Total
313 – Waste Storage Facility (no)	15	1	2
362 – Diversion (ft)	4,225	-	-
367 – Roofs & Covers (no)	7	-	-
382 – Fence (ft)	18,131	345	3,938
412 – Grassed Waterway (ac)	16.2	-	4.8
516 – Livestock Pipeline (ft)	381	-	427
561 – Heavy Use Area Protection (sq ft)	53,121	-	6,247
575 – Trails & Walkways (ft)	1,043	-	1,118
578 – Stream Crossings (no)	6	-	1
600 – Terraces (ft)	12,541	-	5,493
614 – Watering Facility	7	-	4
620 – Underground Outlet (ft)	8,816	796	1,487
634 – Waste Transfer System (no)	17	1	2
327 – CREP Conservation Cover (ac)	23.5	-	-
391 – CREP Riparian Forest Buffer (ac)	68.2	-	-
390 – CREP Riparian Herbaceous Buffer (ac)	0	-	-

*REFLECTS COMMON PRACTICES INSTALLED THROUGH NRCS & FSA FINANCIAL ASSISTANCE PROGRAMS; DOES NOT REPRESENT ALL PRACTICES INSTALLED.

Financial Assistance Conservation Program Activities:

- Financial Assistance Contract Obligation:

Program	FY20 Total (#)	FY20 Total (\$)	FY21 Total (#)	FY21 Total (\$)
EQIP	25	\$2,016,210	-	-
CSP	-	-	-	-

- Financial Assistance Payments:

Program	FY20 Total (\$)	FY21 Mo. Total (\$)	FY21 Total (\$)
ALL PROGRAMS	\$1,765,177.99	\$156,233.97	\$552,304.29

Item # II.1

Environmental Quality Incentives Program (EQIP):

- FY21 Sign-up Deadlines
 - Sign-up #1 - 70 applications
 - Sign-up #2 - 4 applications
 - Sign-up #3 Deadline – 2/19/2021
- Program guidance continues to be distributed. Staff are working with producers to establish program eligibility, complete site visits and screen applications for ranking priority. Rankings have not yet released.
- Initial proposed allocation for Lancaster - \$1.8 million

Conservation Easement Program Activities (ACEP):

- Agricultural Land Easement (ALE) Acquisition Activities:

Program/Activity	FY20 Total (#)	FY20 Total (ac)	FY21 Total (#)	FY21 Total (ac)
ALE Easement Requests	2	117	-	-

Conservation Reserve Enhancement Program Activities (CREP):

- Approved Plans:

	FY20 Total (#)	FY20 Total (Ac)	FY21 Total (#)	FY21 Total (Ac)
New	25	156.2	-	-
Re-enrollments	24	100.9	-	-

Administrative Activities & Staffing Updates:

- Soil Conservationist – Brett Ramer will begin on 1/18. Brett is currently a Soil Con Tech in Clinton, Illinois, working there since Sept 2019. He did work with the Student Conservation Association in Florida prior to starting with NRCS. He has a BS in Biology-Ecology from Indiana University of PA and is originally from Pennsylvania.

Other Notable Meetings & Activities:

- 12/3 – PA NRCS Annual Engineering Spot Check (Boger, Sholly)
- 12/11 – Penn State Ag & Enviro – C3RP Funding Team Meeting (Grove)
- 11/12 – PA NRCS Employee Annual Civil Rights Training Webinar (All NRCS Staff)

Respectfully Submitted,



Heather L. Grove
District Conservationist

Item # II.2

January 2021 DEP Conservation District Field Rep Talking Points

Growing Greener Grants Announced - The Pennsylvania Department of Environmental Protection (DEP) announced more than \$34 Million has been awarded to fund 149 projects to clean up waters through the Growing Greener Program. Thirty-one (31) County Conservation Districts across the state were awarded a total of fifty-two (52) grants totaling over \$10.2 million.

Growing Greener is the largest single investment of state funds in Pennsylvania's history to address Pennsylvania's critical environmental concerns of the 21st century. Growing Greener has helped to slash the backlog of farmland-preservation projects statewide, protect open space, eliminate the maintenance backlog in state parks, clean up abandoned mines and restore watersheds, provide funds for recreational trails and local parks, help communities address land use, and provide new and upgraded water and sewer systems.

The following link will take you to the DEP Newsroom where you can view the Press Releases for Growing Greener Grants in each region.

<https://www.ahs.dep.pa.gov/NewsRoomPublic/NewsReleases.aspx>

2021 Conservation District Director Nominations – Information packets for 2021 Conservation District Director nominations and appointments were sent out to county chief clerks and copies went to district managers. District managers are encouraged to contact chief clerks to discuss the 2021 nomination process and to answer questions regarding upcoming vacancies on their board. Conservation District Field Representatives and Barb Buckingham (bbuckingham@pa.gov) at the State Conservation Commission are available to answer questions concerning the director nomination process.

Welcoming New Directors – As new directors join your board in January, remember to welcome them into your team. Have your Field Rep, County Commissioner, Chairman or District Manager swear them in using the “Conservation District Director Oath of Office.” Take time to introduce them board members, staff and agency partners. Assign an experienced director to “check in” with the new director over the next several months to answer any questions they may have. Encourage the new directors to participate in Leadership Development Director Trainings scheduled for February and to check out the Leadership Development Website www.paleadership.org. In the next month or so arrange for the new directors to have an orientation with your DEP Field Rep. All these things will help new directors feel welcome and build a stronger board.

102 ePermitting – In advance of the 102 ePermit System *tentatively* going live on January 25, 2021 for PAG-02 General NPDES NOIs and Amendments, DEP will be providing two rounds of internal trainings: **January 5-6, 2021; and January 19-20, 2021**. Each round will cover similar material. Feel free to attend one, portions of each, or both if you would like to hear the information again. We also plan to record the trainings and post them onto the Clean Water Academy shortly afterwards. The virtual training will occur each day from 8:30 am – 11:00 am and 1:00 pm- 3:00 pm. Here is a summary of what will be covered each day: **Day 1** (January 5 & 19): Overview of DEP Clean Water Chapter 102 e-Permit System by the ePermitting Information Technology (IT) team. **Day 2** (January 6 & 20): Walk through an example of a PAG-02 General NPDES NOI submission and review by Bureau of Clean Water (BCW). Tiffany Landis sent an email on December 14th that included the Webex Links for these training events. If you have questions you may contact Tiffany at tilandis@pa.gov

NOTE: All of the CCD Managers need to be registered for the ePermit system prior to it going live to ensure the routing of applications work properly.

Item # II.2

Clean Water Academy – New courses are being added to the Clean Water Academy on a regular basis. Fourteen new courses have been added to the Clean Water Academy in the past month alone. New courses fall into the following categories: Agriculture, Chapter 102 Construction Stormwater, Chapter 102 Dam Safety & Waterway Management, MS4 and Water Quality and Water Resources. The account request feature has been disabled on the CWA due to an influx of account requests from the public. Currently the CWA is only offering accounts to internal staff (DEP and conservation districts). The public can still view select courses without an account. If you or a new staff need an account, email Nick Yeagy at nyeagy@pacd.org and he will set one up manually. If you already have an account login and see all the new training available.

REMINDER: CAFO Annual Report and Annual NOI Installment Fee – Deadline Administratively Extended

In recognition of the need to file an NOI by January 1, 2021 and the impact COVID-19 has on how business is done, the Department will be administratively extending the upcoming CAFO Annual Report and annual NOI installment fee deadline from January 1, 2021 to February 15, 2021. We have notified our Regional Office staff of the extended deadlines. A memo was circulated to the Agricultural and Nutrient Management Advisory Boards and will be published to the Department's website. The official extension will be published in the PA Bulletin.

REMINDER: CAFO Winter Manure Application Form

CAFOs that will apply manure in the winter must submit the "Winter Period Application of Manure Notification" form ([3830-FM-BCW0532](#)). This form must be submitted within seven days prior to the anticipated manure application to the Bureau of Clean Water in DEP's Central Office. The completed form can be emailed to RA-EPWinterManureSpr@pa.gov, mailed to PA Department of Environmental Protection, Bureau of Clean Water, NPS Compliance Section, P.O. Box 8774, Harrisburg, PA 17105-8774, or faxed to 717-772-4474 attention Bureau of Clean Water, NPS Compliance Section.

Chesapeake Bay Update

New Clean Water Academy Course: CBP-23 - Chesapeake Bay Financial Assistance Funding Program Quarterly Activity Report

A new course has been developed for the DEP Clean Water Academy which offers a description of the activities reported on the CBP-23 - Chesapeake Bay Financial Assistance Funding Program Quarterly Activity Report, a step-by-step guide of how to report these activities in the PracticeKeeper Database, a demonstration of how to download the report from the PracticeKeeper Database, a discussion of how to interpret and where to sign the report, and resources to help troubleshoot many common errors. The course is designed for Chesapeake Bay Technicians and Conservation District Managers from participating CCDs and allows for on-demand, user-paced learning.

After completion of the course and the linked learning materials, the learner should understand and be able to replicate the program-required procedures for recording all activities reported on the CBP-23 in the PracticeKeeper Database, download the completed report from the database, and sign and date the report in the proper location prior to submission to DEP for quarterly reporting.

The course can be found at the link: <https://pacleanwateracademy.remote-learner.net/course/view.php?id=464>

The Ag Plan Reimbursement Program is in its fourth year of a four-year contract. There have been more than 233 plans registered and more than 31,343 acres registered for this round. There is over \$750,000 remaining this year to cost-share privately developed Ag E&S, Conservation, Nutrient Management, and Manure Management Plans. More information can be found here: <https://www.dep.pa.gov/Business/Water/Pennsylvania%E2%80%99s%20Chesapeake%20Bay%20Program%20Office/agriculture/Pages/Funding-Programs.aspx>

Item # II.2

PracticeKeeper -Agriculture Inspections Module Standard Operating Procedure (SOP) (CBO-DATA-002) Release and Webinar

The SOP describing the data collection standards for the PracticeKeeper Agriculture Inspection Module has been provided to the Chesapeake Bay Conservation Districts via the email list-serve.

Complementary web-based training materials have been developed to support the SOP and have been posted to the Clean Water Academy for on-demand learning. These data standards and training materials will improve data consistency and streamline program reporting for all Chesapeake Bay Agriculture Inspections resulting in previously undocumented nutrient and sediment reductions.

Please contact your CDFR and/or Regional Office with any further questions.

The Nature Conservancy (TNC) and American Farmland Trust (AFT), and Trust in Food (TIF) offers webinar entitled Challenges and Opportunities to Increasing Conservation on Leased Farmland in the Chesapeake: Farmer & Landowner Insights - Nearly 40% of U.S. farmland is rented or leased from agricultural landowners, the majority of whom are non-operating landowners (NOLs). The Nature Conservancy (TNC) and American Farmland Trust (AFT), and Trust in Food (TIF) have each been conducting research to understand the demographics, relationships, and interests of non-operating landowners and leasing farmers. We will present the findings of surveys of NOLs and farmers who lease agricultural lands in Pennsylvania and Maryland about their interests, how they partner, and barriers and opportunities for them to implement conservation practices.

Please register at the link below to join us for a webinar on Monday, **January 11, 2021, at 3:30pm ET**, where we will share the findings and welcome your input and feedback. We will be recording the webinar, so if you are unable to join live, please also register to receive the recording after.

Follow-up will include an interactive workshop on **February 3, 2021, from 9:00am – 12:00pm ET (calendar hold attached)**, for stakeholders working with NOLs and leasing farmers to explore strategies and solutions to support landowner/ farmer partnerships and expand conservation opportunities and outcomes.

Registration Link: https://cbuilding.zoom.us/webinar/register/WN_4O6eI2_IRPmTbDU9JyDmlA

National Fish and Wildlife Foundation's 2021 watershed-wide "All-Bay Agriculture Network Forum." - The National Fish and Wildlife Foundation has opened registration for the 2021 watershed-wide "All-Bay Agriculture Network Forum." The Forum brings together NGO, local, state, and federal ag conservation leaders and partners to share best practices, network together, discuss collaborative implementation strategies and opportunities for accelerating and scaling up nutrient and sediment load reductions.

With the current public health challenges, NFWF is hosting the Forum virtually in early 2021. Six topic-specific tracks, featuring roughly a half-day of programming each, will be delivered from February through early March. Each track will be offered a la carte, so participants can opt into the most relevant content for your work.

The Forum aims to offer participants a high-level, technical discussion about agriculture conservation practice and policy. Traditional audiences have included ag conservation leaders from conservation districts, research and higher education institutions, farmers, state agencies, non-profit organizations, private sector and other agencies and organizations. While typically an invite-only event, the virtual format of the 2021 Forum allows NFWF to open the invitation to all those interested!

Sessions include:

Session 1: From Managing Risk to Building Resilience: Farms, Communities, and Conservation (Wednesday, February 3, 2021 1pm-4pm)

Item # II.2

Session 2: Best Practices in Outreach and Behavior Change: Nudge Theory (Wednesday, February 10, 2021 1pm-4pm)

Session 3: Beyond the Bay: Collaborative Approaches to Water Quality Improvements (Wednesday, February 17, 2021 1pm-4pm)

Session 4: Supply Chain Sustainability: Insights, Trends, and Operating Models (Monday, February 22, 2021 1pm-4pm)

Session 5: It Starts with a Plan: Making Nutrient and Manure Management Work (Wednesday, February 24, 2021 1pm-4pm)

Session 6: Why and What For: Stream and Riparian Restoration in Agricultural Landscapes (Wednesday, March 3, 2021 1pm-4pm)

Find more information and register for one or more of the Forum sessions at:

<https://sites.google.com/view/the-2021-all-bay-anf/home>

Dates to Remember:

SCC Meetings

January 19

Virtual

March 9

Harrisburg or Virtual

SCC Conference Calls

February 9

8:30am – 10am

April 13

8:30 am – 10am

PACD Executive Council Meeting

January 28

Virtual

Building for Tomorrow Leadership Development Program

2021 Virtual Staff conference

February 8 – 12

Registration Link

<https://www.paleadership.org/register-now-for-2021-virtual-staff-conference/>

2021 Board Leadership – Webinar Series

February 15,16,17, 23, 24

Registration Link

<https://www.paleadership.org/register-now-for-the-2021-board-leadership-webinar-series/>

[series/](#)

Native Plants and Pollinators Technical Training for CDs

February 18

Virtual

Agricultural Technician Training

Boot Camp I – ‘Basic’

April 12 – 16, 2021

Boot Camp II – ‘Advanced’

April 26 – 30, 2021

Also, check the Conservation District Training/Special Events Calendar at, www.PACD.org Select the "Events" tab and then the "Training Calendar" tab.

Item III.1
LANCASTER COUNTY CONSERVATION DISTRICT
BOARD MEETING MINUTES
December 2, 2020

The 824th regularly scheduled Board Meeting of the Lancaster County Conservation District (LCCD) was held via Zoom Call-In only on Wednesday, December 2, 2020, at 7:30 PM.

The following Directors were present: Daniel Heller, Chairman; Herb Kreider, Kent Weaver, Treasurer; Jay Snyder, Bob Shearer, Ken Meck, Sonia Wasco and Commissioner Craig Lehman.

The following Associate Directors were present: Greg Strausser.

The following District Staff were present: Christopher Thompson, District Manager; Gerald Heistand, Business Manager; Jeff Hill, Ag Department Manager; Rich Snyder, E&S Department Manager, Kent Bitting, Justin Furnia, Sallie Gregory, Kevin Lutz, Samantha Adams, Francesca DePrator, Adam Stern and Suzanne Kopp.

The following Cooperating Agency representatives were present: Heather Grove, Natural Resources Conservation Service and Elwood Blake, Department of Environmental Protection.

The following guests were present: None

Chairman Dan Heller called the meeting to order at 7:30p.m. Chairman Heller expressed how thankful we need to be that we work in a time of technology, so that we can continue to hold meetings via Zoom during this pandemic. Ken Meck provided the invocation for the meeting.

Adam Stern took a moment to introduce himself as the interim IT person until a replacement for Justin Furnia can be hired.

Dan Heller recognized Commissioner Lehman with a plaque and planter that had been delived to his house earlier that morning. On behalf of the Board, Dan extended his gratefulness to Commissioner Lehman for all the wisdom and knowledge he has offered to the Board for the last 13 years of service on the Board of Directors.

Commissioner Lehman thanked everyone for their support over the years he served and announced he is not going up for re-election as commissioner at the end of his term this time. He stated that working with the Lancaster County Conservation District and serving on the Board has been some of the most rewarding work he has done during his time as a commissioner. Chris Thompson echoed what Dan Heller stated about Commissioner Lehman's service to the Board of Directors.

Additions to the Agenda:

1. RCPP Proposal
2. 2021 County Action Plan award.

Both of these were received the Wednesday before Thanksgiving.

An opportunity was given for public comment: None was offered

Item III.1

II. Agency Reports

1. USDA, NRCS

Heather Grove reported that the NRCS positions that are currently open, are being filled. An offer has been made for a Resource Person with a tentative start date at the beginning of 2021.

2. PA DEP Field Rep Report

Elwood Blake stated that the 2021 Conservation District Director Nominations are due at this time. Elwood also stated that the 2019 District Audits are due December 31, 2020 and the Clean Water Academy has added five more courses in the past month. E-Permitting is scheduled to go live in January 2021. Trainings for the E-Permitting will be held before the system goes live. Elwood also stated that the General NPDES permit for CAFO's was amended with a January 1, 2021 effective date. The CAFO Annual Report and Annual NOI Installment Fee deadline has been extended. The Chesapeake Bay Update was an award that was made to Lancaster County Conservation District. Dave Gates has moved on from being the Water Quality Supervisor and Andrea Blosser has taken his place.

Chris Thompson stated that there were two candidates up for re-appointment and are going before the Board of Commissioners. Bob Shearer and Herb Kreider are up for re-appointment. Chris also stated that the page of dates for meetings and trainings are in your Board packets – but he wanted to highlight the fourth category which is Building for Tomorrow Leadership Program where they will be talking about Board Leadership. These will be trainings specific for directors. Chris requested that the directors consider attending these trainings.

Herb Kreider wanted to state that he feels that we are adding complexity to the programs, but not improving water quality. Dan Heller feels that this should be a conversation with the State about this complex paper work. Chris Thompson reported that more paper work is not making the water cleaner but he said he was told that PA is so far behind other States that they are ratcheting down on PA with this addition complex paper work. Chris said he will continue to pursue this with different officials to try to simplify the paper work.

III. Consent Agenda

Chairman Daniel Heller gave the opportunity for Directors to withdraw any of the items from the Consent Agenda in order to have additional discussion. Hearing none, Ken Meck moved to approve the Consent Agenda which included items numbered one through four. Sonia Wasco seconded the motion. Motion passed unanimously.

The Consent Agenda includes the following approved items.

- #1 – Minutes of November 4, 2020 Board meeting
- #2 – Technical Assistance Requests/Cancellations
- #3 – Nutrient Management Plan Approvals
- #4 – Conservation Plan Acknowledgement

IV. Additional Business

1. Items removed from Consent Agenda

There were no items removed from the Consent Agenda.

Item III.1

2. Treasurer's Report

Gerald Heistand reported that the biggest change is that Low Volume Roads spent \$100,000 and this money went out to Townships this past week. \$100,000 has come into the District from Spotted Lantern Fly and Mill Creek Programs. E&S balance has gone up by \$40,000.

The Income and Expense report shows that the General Operations is currently at -\$35,000 and that is up from the balance of -\$52,000 last month. The Chesapeake Bay technicians and engineer's money is expected to come in at \$120,000 and that is looking positive to come in before the end of 2020.

Sonia Wasco asked if we are still working on our Spotted Lanternfly Grant? Gerald stated we are trying to spend the rest of the grant funding by paying independent contractors that are out doing the work and also purchasing supplies so we have them to start the new year. Sallie Gregory reported that Amanda is finishing up the SLF work and the funding will be finished by the end of 2020.

3. Budget and Finance Committee Report

Gerald Heistand stated on November 4, 2020 the Board had a chance to review the financial report. The items changed from last month are we received CAP Funding in the amount of \$1,000,000 and that was entered into the budget. In 2021 we expect to bring in \$4,000,000 and we expect to pay out \$4,600,000.

Dan Heller questioned if Chris Thompson and Gerald Heistand felt we were in a good financial position at the District. Craig Lehman said Conservation District's requested \$275,000 from the County was approved and will be paid out of ACT 13 funds. Craig stated that the money will solely be funded from ACT 13 and is scheduled for adoption on December 23, 2020. Chris Thompson highlighted that we received another million dollars that put a ripple effect into play and really pulls and stretches the staffing resources. The District continues to receive money to put projects on the ground, but money is not being received to hire more staff to do the work. Chris stated if we don't have adequate resources to keep staff or get better funding to hire addition staff we will have to start saying no to the extra money coming into the District for projects.

Sonia Wasco pointed out that the PACD meeting stated that there is not going to be an increase in State funding.

Dan Heller reported that this is the biggest budget the LCCD has ever passed.

Kent Weaver moved to approve the budget as presented and Sonia Wasco seconded the motion. Motion passed unanimously.

4. Personnel Committee Report

Sonia Wasco stated that the COOP Update will be given by Chris Thompson. Chris reported that he has asked monthly to carry the COOP plan from month to month, however, Chris is now asking the Board of Directors for a formal action to carry the COOP plan until March 31, 2021. This is being asked due to the increase in Covid cases in Lancaster County. We will continue to operate remotely and have the staff in the office on a rotating schedule and continue to wear masks, do field work and follow CDC guidelines.

Sonia Wasco stated that a request is being made to advertise for the Education and Outreach Intern position.

Sonia Wasco moved to approve the Personnel Committee Report as presented. Ken Meck seconded the motion. Motion passed unanimously.

Item III.1

Sonia Wasco requested an update on the open Ag Technician positions. Chris Thompson stated that they have engaged the HR department Paragon to help do the interview process. Paragon has received 30 applications. Paragon narrowed down the applications received to 11 applications to be reviewed by the District personnel. Chris has requested the additional 19 applications from Paragon so he can see if there are any out of the remaining 19 that might be a good fit. Chris stated that they will be interviewing three to six of the applicants the week before Christmas. Chris is hoping to have a request to hire to present to the Board of Directors at the January Board meeting.

5. E&S Committee Report

Richard Snyder reported that there was a significant increase in the number of mistakes on the permit applications and with fees being submitted incorrectly to the District. A committee was formed to review and revise the fee schedule and the application and the documents are being presented to the Board for approval. Jay Snyder and Greg Strausser were consulted to look over the changes and discuss their concerns and questions with the new fee schedule and application. The revised document is now a three-page document compared to the old document that was five pages.

If approved, the fee schedule will be in effect by January 1, 2021.

Dan Heller asked what the percentage of increase in the total of the fee increase would be. Rich stated that the new fee structure should generate an average of 10% increase in the two programs.

Kent Bitting asked that if the Ag Department submits a 105 project, would the farmer then have to pay the additional \$100 fee for the E&S control plan approval. Rich stated yes that would be the case.

Jay Snyder moved to accept the E&S fee schedule as presented. Bob Shearer seconded the motion. Motion passed unanimously.

With the action, the next step is to submit this formal fee schedule to the State Conservation Commission in order for this to become effective as of January 1, 2021.

Rich also reviewed highlights from the minutes of the E&S Committee Meeting held on November 18, 2020.

A. Chapter 102 E-Permitting Update

** Update Provided

** "Go Live" Date for General NPDES Permit NOIs is Tentatively Anticipated for 01/20/2021

** Internal Training is Scheduled for 01/05/2021 & 01/06/2021, and 01/19/2021 & 01/20/2021

** 4.5 Hours of Internal Training Daily

B. Schatz Garage vs. Melhorn Drive Basin Modification – Mount Joy Borough

a. Appeal / Litigation Update

** Update Provided

** Second Set of Interrogatories and Another RFD were Electronically Filed with DEP SCRO on 11/16/2020

** LCCD, in Conjunction with DEP SCRO, is Currently Preparing a Response

b. Florin Hills

** The Joint LCCD / DEP SCRO Investigation Continues

Item III.1

C. Stauffer CAP / Enforcement Update – East Donegal Township

** Update Provided

** Both Full Implementation of the CAP and Permanent Stabilization were Verified During LCCD's Inspection on 10/27/2020

** LCCD, in Conjunction with DEP SCRO, is Preparing a Penalty Matrix

** Completion Anticipated Either 12/2020 or 01/2021

** Upon Completion, it will be Forwarded to LCCD's E&S Committee for a

** Recommendation, and LCCD's BOD for Approval

D. Haydn Manor – East Hempfield Township

** LCCD Received a Resubmission on 11/09/2020, and Deemed it Complete on 11/18/2020

** LCCD is Currently Conducting a Technical Review

E. Tamarack / Spread Eagle MHP – Providence Township

a. General NPDES Permit Status

** LCCD Received a Resubmission, and Deemed it Complete on 10/28/2020

** LCCD is Currently Conducting a Technical Review

b. Enforcement Referral

** An Enforcement Referral was Completed, and Forwarded to DEP SCRO on 10/05/2020

F. Enola Low Grade Rail Trail – Eden Township, Et. Al.

** LCCD is Currently Attempting to Schedule a Conference Call with the Applicant, the Applicant's

Designer / Design Team, and DEP SCRO

G. Shady Grove Campground – East Cocalico Township

** LCCD Conducted / Completed a Comprehensive Inspection on 10/02/2020

** LCCD is Currently Awaiting a Conference Call with DEP SCRO to Discuss Chapter 102 Issues, Chapter 105 Issues, and a Compliance Strategy

H. Updated LCCD Review Application & Fee Schedule

** Both Presented and Discussed LCCD's Updated Review Application & Fee Schedule

** With Both Jay Snyder (In-Person) and Greg Strausser (Electronically), Discussed the E&S Committee's Questions, Comments, and / or Concerns. Both Committee Members were in Favor of LCCD's Updated Review Application & Fee Schedule

I. Staff Workload

Item III.1

6. Scholarship Report

Sonia Wasco stated that Gerald Heistand presented the budget to the scholarship committee of the funds that were available for the upcoming year. It was discussed during a committee meeting that if we continue giving two \$2,000 scholarships we will be reducing the principal of the scholarship fund.

Gerald Heistand stated that this was a sudden change due to the fact that bonds that were paying 4% and 5% in interest have been called due and interest rates have dropped drastically. So, we are not generating enough interest to pay the scholarships as we have in the past. The committee is looking for formal guidance from the Board as to how to handle the principal of the funds. The committee also requested guidance from the Board as to how many scholarships they would like us to give each year and the amount of those scholarships. Herb Kreider stated that he felt that we should maintain the principal and even try to increase the principal balance.

The Board suggested that we should give two \$1,000 scholarships from this point forward. If at some date in the future more money is donated to the principal of the scholarship fund, then the Board can revisit and make new determinations.

Ken Meck moved to give two \$1,000 scholarships. Jay Snyder seconded the motion. Motion passed unanimously.

Gerald also wanted the Board to keep in mind that we have called this the Ann Brown Scholarship for the past 20 years, but other people have been giving large amounts to the principal of the fund so that possibly a change to the name of the scholarship should be considered in the future. This topic will be discussed by the Foundation.

V. Reports/Information

1. Correspondence, News and Updates

The following correspondence, news and update items were circulated at Board meeting:

- Thank you notes to the Board of Directors – Multiple staff members
- Chesapeake Bay Commissions 40th anniversary brochure

2. E&S/NPDES Monthly Projects Report

Rich Snyder reported that in November 2020 we have received 25 new total plan submissions. Total complaints for November have been reduced to five for the month. One of the 25 new projects is a very large residential project in West Hempfield Township. The E&S Committee Meeting was held on November 18, 2020. E-Permitting is set to go live on January 20, 2021. Trainings for E-Permitting will be held on January 5, 6, 19, 20, 2021 for 4.5 hours each day.

3. Extraordinary Give Update

The Extraordinary Give was held November 20, 2020. There were 68 donors and \$5,425 was raised in support of Lancaster County Youth Conservation School and Lancaster County Envirothons.

4. Litigation Update

The Lancaster County Conservation District litigation from the stream restoration work that was done in 2018 reached a new milestone. Last week our legal counsel filed preliminary objections to Mr. Gantz's complaint. This includes a 'notice to plead', which requires Mr. Gantz to respond within 20 days (as of 12/3/20). If Mr. Gantz does not respond by tomorrow we can file a request that the preliminary objections be acknowledged and unopposed and the case will be dropped.

Item III.1

5. PACD/SCC Report and Winter Meeting Registration

Chris Thompson stated that the announcement for the Winter Meeting will be virtual and the dates that are set aside for the different meetings are in the Board Packet. All Board members are welcome to attend any of the meetings. Registration is usually \$400-\$500 dollars but this year registration is free to attend these virtual meetings. Everyone needs to register to attend the meetings. Chris encouraged everyone to attend the meetings.

Additions to the Agenda:

Chris Thompson reported on the following additions to the agenda:

Regional Conservation Partnership Program (RCP) – The Clean Water Partners are putting together with other partners a proposal for the NRCS Regional Conservation Partnership Program application. The award is expected in the Spring of 2021. Projects would not begin until 2022. The proposal is for \$10,000,000 and it would be funneled thru the Conservation Foundation.

The County Action Plan funding – Chris reviewed that in 2020 the District received \$700,000 for projects identified in our County Action Plan and to hire a CAP management team. The CAP management team is comprised of LandStudies, David Miller/Associates Inc. and Farmland Trust. The team are the mediators between DEP and the groups working on the projects on the ground. These funds are funneled through the District. The District used \$100,000 of the funds for the Ag Department to get projects done and the balance of the funds went out to different partners such as TeamAg and Red Barn Consulting to get projects completed on the ground quickly.

Additional Public Comment:

Justin Furnia extended a thank you to all the Board of Directors for all the opportunities he was given and for his time employed at the District. Chris Thompson stated that Justin will be a third-party consultant to help out with our IT needs until the District finds a replacement. Chris thanked Adam Stern for stepping up to be the interim and learn the IT side of things in the transition of Justin leaving.

Dan Heller wished everyone a Happy Holiday and a Merry Christmas.

Meeting Adjournment

Chairman Dan Heller officially adjourned the meeting at 9:27pm.

Suzanne Kopp
Recording Secretary

**Item III.2
Requests for Technical Assistance**

APPLICANT	TITLE	TOWNSHIP	SIZE	ASSISTANCE
None				

**Item III.3
Requests for Nutrient Management Plan Approval (Hill)
December 2020 Activity
January 6, 2020 Board Meeting**

To: The Lancaster County Conservation Board of Directors Nutrient Management Plan Review Committee:
I respectfully submit these Nutrient Management Plans and/or Plan Amendments to the Nutrient Management Plan Review Committee.

I recommend these plans to be approved by the Board. The plans are for the following operations:

OWNER	TOWNSHIP	Operation	DESIGNATION	AEU's/ ACRE	REVIEWER	PLAN #
John S. Stoltzfus	Colerain	Swine -- Grow Finish	CAO	151.44	Klein	35
Joel Martin	East Earl	Guinea Fowl	CAO	20.54	Hartz	374
David J. Smucker	Caernarvon	Dairy	CAO	2.35	Hartz	11
Noah Wenger	West Earl	Laying Hen	CAO	153.56	Hartz	432
Galen Nolt	Fulton	Dairy / Swine / Layer	CAFO/CAO	2.89	Adams	375
Harold Merkey	Rapho	Swine / Beef / Equine	CAFO/CAO	8.93	Fidler	169
Thomas Zartman	Clay	Swine	CAFO/VAO	1.40	Fidler	18

**Item III.4
Acknowledgement of Conservation Plans (Hill)
The Lancaster NRCS Field Office recommends the following plans for the
January 6, 2020 Board Meeting:**

NATURAL RESOURCES CONSERVATION SERVICE

Conservation Plans	Number of Plans	Planner	Township
Dan Bollinger	1	Emily Corkhill	Warwick

Item III.4

LCCD AG EROSION & SEDIMENTATION PLANS

Conservation Plans	Number of Plans	Planner	Township
Howard Deshong	1	Kevin Lutz	Elizabethtown Borough

Item IV.2

**The Personnel Committee Report
Request to Hire**

Last month we worked with Paragon Consulting to advertise the open Technician/Compliance positions on the Ag team. Paragon received more than 30 applications and identified 6 to call in for an interview using criteria staff provided them to narrow down the selection. The interview committee reviewed each application and were pleased with the pool of candidates. After interviewing the six, they unanimously selected three candidates: Ben Seldomridge of Leola; Adam Seitz of Felton of York and Amanda Grube of Manheim. Their resumes are included for your review.

*Action requested: BOD "Request to Hire" approval.

If approved, Ben and Adam's tentative start date would be 2/1/2021 and Amanda's 6/1/2021.

BENJAMIN PAUL SELDOMRIDGE

Leola, PA 17540 | 717-824-5393 | seldomben@comcast.net

www.linkedin.com/in/Ben-Seldomridge

Environmental Management | Water Quality Specialist

Key Competencies

Natural Site Management | Stream Restoration | Technical Report Writing | Quality Control
Research | Plant Identification | Communication | Chemical Testing | Flexibility
Nutrient Management and Erosion Control | Organization | Business Acumen

KEY ACCOMPLISHMENTS

- Published in *Waterworld* Publication - "Stormwater: Two Cities, One Goal", Volume 31, Issue 4: Urban Water Management
- Eagle Scout Project to implement cardiac arrest awareness program. Educated middle school students and teachers about signs and symptoms of cardiac arrest and prevention methods. Facilitated donation of defibrillator system to middle school
- Volunteer Eco Students Abroad (VESA), Fiji, built an elementary school for an upland mountain community in 2013-2014.
- Delivered educational programs about Hudson River degradation and measured water quality and acidity as a Deck Hand on Mystic Schooner, Beacon NY, 2011.

PROFESSIONAL EXPERIENCE

Sustainable Landscape Installer, Land Studies, Manheim, PA

4/2020 – 11/2020

- Worked independently to implement stream restoration projects, and Conservation Reserve Enhancement Program (CREP) planting sites
- Used proficiency in local native and invasive plant and animal species, stream restoration site management, proper tree/shrub/plug planting procedures for restoration projects, CREP sites, and reforestation projects
- Prepared Site Management Reports and Herbicide Application Reports
- Trained on vehicles and equipment such as Kubota tractors, Stihl chainsaws, and Echo weed whackers

Water Quality Technician, Water Science Utah, Park City, UT

4/2017 – 3/2020

- Built, refurbished, and installed water treatment equipment such as water softeners, multi-media filters, and reverse osmosis systems
- Performed chemical tests for water hardness/softness, heavy metals, iron, pesticides, and total dissolved solids
- Developed water treatment solutions from clientele's desired treatment or based off water tests and assessment
- Improved sales techniques, provided clear communication of technical equipment and service work to clients

Item # IV.2

Lift Operator/Lift Leader, Vail Resorts, Inc., Park City, UT 1/2016 – 4/2017

- Ensured safe and efficient use of ski lifts
- Trained operators to safely use ski lifts, completed safety logs, provided clear communication and direction to customers

Sustainable Landscape Installer, Land Studies, Lititz, PA 4/2015 – 12/2015

- Implemented Stream Restoration projects, Green Infrastructure projects, and Conservation Re-Enhancement Program (CREP)
- Performed Stream Restoration site management, proper tree/shrub planting procedures for restoration projects, and herbicide application

Intern: Department of Wastewater- Collections, City of Lancaster, Lancaster, PA Summer 2014

- Performed GIS tagging of stormwater infrastructure, inspected storm drains, and installed wastewater/stormwater piping
- Provided traffic control and direction during construction.
- Communicated field data into evidence for storm and wastewater degradation

Intern: Department of Stormwater Management, City of Lancaster, Lancaster, PA Summer 2013

- Engaged in Green Infrastructure planning with Engineering firm CH2M Hill and the city board
- Developed Green Infrastructure Current and Completed Projects detailed plan
- Communicated field data into evidence for storm and wastewater degradation

Intern: Lancaster County Conservancy, Lancaster, PA Summer 2013

- Engaged in property management and environmental education.
- Performed trail maintenance, marking, and invasive species control

EDUCATION AND CERTIFICATIONS

Bachelor of Science in Natural Resources Management, State University of New York College of Environmental Science and Forestry (SUNY-ESF), Syracuse, NY, December 2014

Ranger School Summer Program, Wanakena, NY, Summer 2012

Certified Herbicide Applicator #T97989

LEADERSHIP AND COMMUNITY SERVICE

- Water Quality Volunteer Coalition (WQVC): Water testing at Lancaster County Conservancy sites. Physical, Chemical, and Biological tests determining stream quality (2015, 2020)
- Lancaster Mennonite High School, -Cultural immersion Trips to Costa Rica and Argentina (Summer 2008), -Renovated Education Centers in San Jose, Costa Rica and Choele Choele, Argentina

Item # IV.2

Adam Seitz
6004 Logan Road
Felton Pa. 17322
seitzad95@gmail.com
(717) 858-5895

Education

Southern New Hampshire University

May 2020

Bachelor of Science in Environmental Science

GPA 3.85

Relevant Coursework: Waste: Source/Reduction/Remediation, US Environmental Law & Politics

Pennsylvania State University

December 2014

Bachelor of Science in Archaeological Science

Major GPA 3.41

Relevant Coursework: Archaeological Methods and Theory Mapping, Intermediate Field Methods, Field Techniques, and Geographic Information Systems

Professional Experience

Johnson, Mirmiran & Thompson, Inc.

June 2015 – April 2020

York, Pennsylvania

Data Coordinator (Pennsylvania State Historic Preservation Office Digitization Project)

- Managed and utilized project databases and software and developed and manipulated scanning systems and tracking methods for project.

Field Technician (On Call)

- Phase II on Nice Bridge improvement project, Virginia
 - Conducted Phase II archaeological testing at two sites for the proposed bridge improvements on the Potomac River in VA and MD.
 - Work included assisting with geophysical testing, limited shovel testing, and excavation of units to evaluate integrity of a multicomponent site for the National Register of Historic Places evaluation.
- Cell tower surveys
 - Performed onsite surveys which consisted of site research, shovel tests and photo documentation
- Phase I on Pa State Route 222 expansion project
 - Conducted Phase I archaeological testing along the approximately 5-mile stretch of proposed roadway widening.

Department of Anthropology, Pennsylvania State University

Fall 2013 – Spring 2014

State College, Pennsylvania

Archaeological research assistant

- Dealt with shell fragments from middens on the Californian Channel Islands
- Classified and organized shells by species
- Collected secondary data information

Item # IV.2

Pennsylvania State Sponsored Field School

May – June 2013

Shirleysburg, Pennsylvania

Field School Student

- Excavated part of the French and Indian site of Fort Shirley
- Performed water screenings on soil
- Drew profile and plan views of test units during excavation process
- Cleaned artifacts excavated from site

Work Experience

Advance Auto Parts

November 2011 – October 2017

Dallastown, Pa. Store # 8114

- Sales
- Delivery driver

Naval Air Station Patuxent River Maryland

Alutiiq

May 2010 – October 2010

Blocker and Bracer

Diverse Technologies Corporation

July 2008 – April 2010

Junior Engineer

- Worked as a contractor at the base weapons facility in shipping and receiving
- Responsible for safe shipment of military aircraft weapons
- Ensured preventative maintenance was completed on transportation equipment

United States Navy

April 2004 – April 2008

Aviation Ordnanceman

Petty Officer Third Class Noncommissioned officer

- Responsible for storing, servicing, inspecting and handling of all types of weapons and ammunition carried on Naval aircrafts
- Deployed in support of the Global War of Terrorism
- Prior Security Clearance – Secret

Additional Skills

- Knowledge of basic computer skills, Microsoft Word, Excel, Power Point, and Office
- Knowledgeable in ESRI ArcGIS and GeoMedia
- Extensive written and verbal presentation skills
- Extensive international travel experience
- Able to work well and adapt to new cultures and situations

Activities and Achievements

- Received Global War on Terrorism Expeditionary Medal
- Omega Delta Sigma National Veterans Fraternity (Pennsylvania State Alpha Chap.)
- Participated in fundraisers to support Wounded Warrior Project

Item # IV.2

Amanda Grube

647 Champ Blvd. Manheim, PA 17545

Mobile: (717) 344-8080 | Email: 17grubea@gmail.com

- Education** **Schreyer Honors College at The Pennsylvania State University**
August 2017 - May 2021
Major: Plant Science, Agroecology Option
Minors/Certificates: Agronomy, Plant Pathology, and Agricultural Stewardship and Conservation
- Work Experience**
- TeamAg, Inc. Regenerative Agriculture Intern**
September 2020 – present
- Researching and writing comprehensive descriptions on the financial, environmental, and practical benefit of conservation practices for farm operations in Central PA.
- Penn State Agriculture and Environment Center Intern**
May 2019 – August 2020
- Created a comprehensive matrix for conservation practices used by farmers in a region from farmer surveys
 - Facilitated conversation between farmers and conservation specialists through mutual understanding
 - Communicated with local dairy farmer in order to complete an erosion and sedimentation plan for a local dairy farm
 - Presented storm water workshop for community residents
- Pioneer Corn Research Summer Intern**
May 2018 - August 2018
- Led intern data collection in the field
 - Maintained genetic purity in the test plots by removing rogue plants
 - Inoculated corn stands for disease trials
- Grube Family Farm**
2010 - Present
- Manages 100 head sheep flock by feeding, vaccinating, breeding, and culling
 - Maintains and oversees perennial pastures for rotational grazing
 - Communicate with local farmers in order to complete business transactions
- Independent Research**
- Schreyer Honors Thesis**
May 2020-present
- Initiated independent research project on home farm looking at warm season grass performance and particulate matter collection ability as vegetative buffers for swine finishing barn manure pit exhaust fans.
 - Adapted to the COVID-19 restrictions placed on undergraduate research while still completing the research.
- Leadership**
- Sigma Alpha, Epsilon Chapter, Secretary and Panhellenic Delegate**
January 2020 – present
- Facilitate all communication between the sorority members and alumni.
 - Ensure that all standards of excellence are upheld by all members of the sorority by keeping records of attendance and completion of these standards
 - Represent the sorority's best interest to the Panhellenic Council

Item # IV.3

Exelon Habitat Improvement Project – Muddy Run Pumped Storage Funds (Hill/Kofroth)

The District received eleven (11) applications for grant funding through the Agriculture and Watershed Programs. On December 17th, a ranking meeting was held which included Nutrient/Management Cost Share Committee member Herb Kreider along with District staff. Each application was assigned a ranking following a brief presentation from the responsible Ag Engineer or Watershed Specialist. Five (5) projects are being presented for board approval: Elmer B. King, Amos Stoltzfus, Ammon Martin, Douglas Diffenbaugh, and Alvin Fisher. We do not expect to receive approval from PA DEP prior the meeting, but are expecting approval in late January/early February. Once the District receives approval from PA DEP, the contingent approval will allow the projects to move forward with executing the agreements and completing the designs without waiting for the next District Board Meeting.

Landowner	Technician	2021 Incentive Payment	Administration Cost (5% of Incentive Payment)	Total Grant Requested
Elmer B. King	Greg Heigel	\$6,640.80	\$332.04	\$6,772.04
Amos Stoltzfus	Maddie Klein	\$8,300.00	\$415.00	\$8,715.00
Ammon Martin	Matt Kofroth	\$71,250.00	\$3,750.00	\$75,000.00
Douglas Diffenbaugh	Matt Kofroth	\$71,250.00	\$3,750.00	\$75,000.00
Alvin Fisher	Nate Straw	\$71,250.00	\$3,750.00	\$75,000.00
Totals				\$240,487.04

The Ag Program Manager and Watershed Specialist requests approval for the 5 projects using Exelon funds totaling \$240,487.04 contingent upon DEP approval.

***Action Requested**

Item # IV.3

**LANCASTER COUNTY CONSERVATION DISTRICT
EXELON HABITAT IMPROVEMENT PROJECT – MUDDY RUN PUMPED STORAGE FUNDS**

PA DEP Approval Submission

Project Name and Address	Elmer B. King 594 Strasburg Pike Paradise, PA 17562
Watershed/Stream Name, Ch. 93 Designation	Eshelman Run, CWF/MF
Stream Impairment	Impaired – Agriculture
Description of Farm Operation or Property Where Project Will Occur	Mr. King owns and operates a 91-acre dairy and crop farm located in Paradise Township. An Ag E&S Plan has been prepared which includes approximately 70 acres of cropland 18 acres of pasture and 2.9 acres of farmstead. There are currently 30 dairy cows, 16 heifers/calves, 7 draft horses, and 2 driving horses.
Sediment/Nutrient/Habitat Problem Description	Currently, the stream is not fenced and the animals have access to the stream. The surface water is being impacted by sediment from streambank erosion and nutrients from the animals. One (1) stream crossing will be installed to permit the animals to access the pasture areas on the other side of Eshelman Run. Animal trails will be installed at the crossing approaches. It is anticipated that Mr. King will be enrolling CREP.
Details on BMPs To Be Installed (Measureable Units)	480 sq. ft. stream crossing 360 sq. ft. animal trail and walkway
Site Map Showing BMP Areas/Stream	See Attached
Site Photos Showing Problems To Be Addressed	See Attached
Total Project Cost, Cost Estimates For BMPs	\$6,640.80 (See attached cost estimate)
Dollars To Be Leveraged Towards Project	\$0.00
Contractors/Service Providers To Be Used	Unknown At This Time
Will District Seek Reimbursement for Direct Administrative Costs?	Yes, 5% Requested Equates to \$332.04
Total Grant Funds Requested	\$6,972.04

Item # IV.3

11/16/2005

(Edited CBP-SP1)

DEP EXELON FINANCIAL ASSISTANCE FUNDING PROGRAM
REQUEST FORM

Section 1: Applicant Information

Landowner: Elmer B. King Operator: Elmer B. King
 Farm Name: Elmer B. King
 Address: 594 Strasburg Rd Address: 594 Strasburg Rd
Paradise, PA 17562 Paradise, PA 17562
 Telephone: 717-687-6567 Telephone: _____

If project is not Agriculture related, please describe project and water quality benefits: NA

Farm Acres: 90.8 Cropland Acres: 88 FSA Tract No. 7018
 Type of Operation (livestock, dairy, poultry, crop, etc): dairy / agronomic
 If animal operations, please list animal types and numbers:

Annual Animal Numbers			
Animal Type	Number	Average Weight	Production Days/Year
milking	30	1450	365
heifers	8	1000	365
calves	8	420	365
draft horses	7	1800	365
driving horses	4	1100	365

Does your operation have a VERIFIABLE NMP/MMP/NRCS 590? Yes No
 If yes, please list date of plan: _____
 Does your operation have a VERIFIABLE Ag E&S/Conservation Plan? Yes No
 If yes, please list date of plan: _____

Section 2: Applicant Eligibility (Include practices and current incentive payment rate information.)
 Project Title: Stream Crossing

Estimated Payment -

Practice	Description	Size	Cost	Total Cost
Stream Crossing (578)	Concrete Slats/Ramps/Channel	480 sq. ft.	\$12.68 / sq ft	\$6086.40
Walkway (575)	Geotextile/gravel	360 sq ft	\$1.54/ sq ft	\$554.40
				\$6640.8

I hereby request Exelon Funding assistance for the farm identified above.
 Landowner: Elmer B. King Date: 12-4-20

Section 3: Conservation District Use Only
 Date received: _____
 Watershed Name: _____ Watershed Code: _____
 Determination of eligibility/ranking: _____ Eligible _____ Not Eligible
 If not eligible, state reason: _____
 If eligible, amount of funding granted: _____

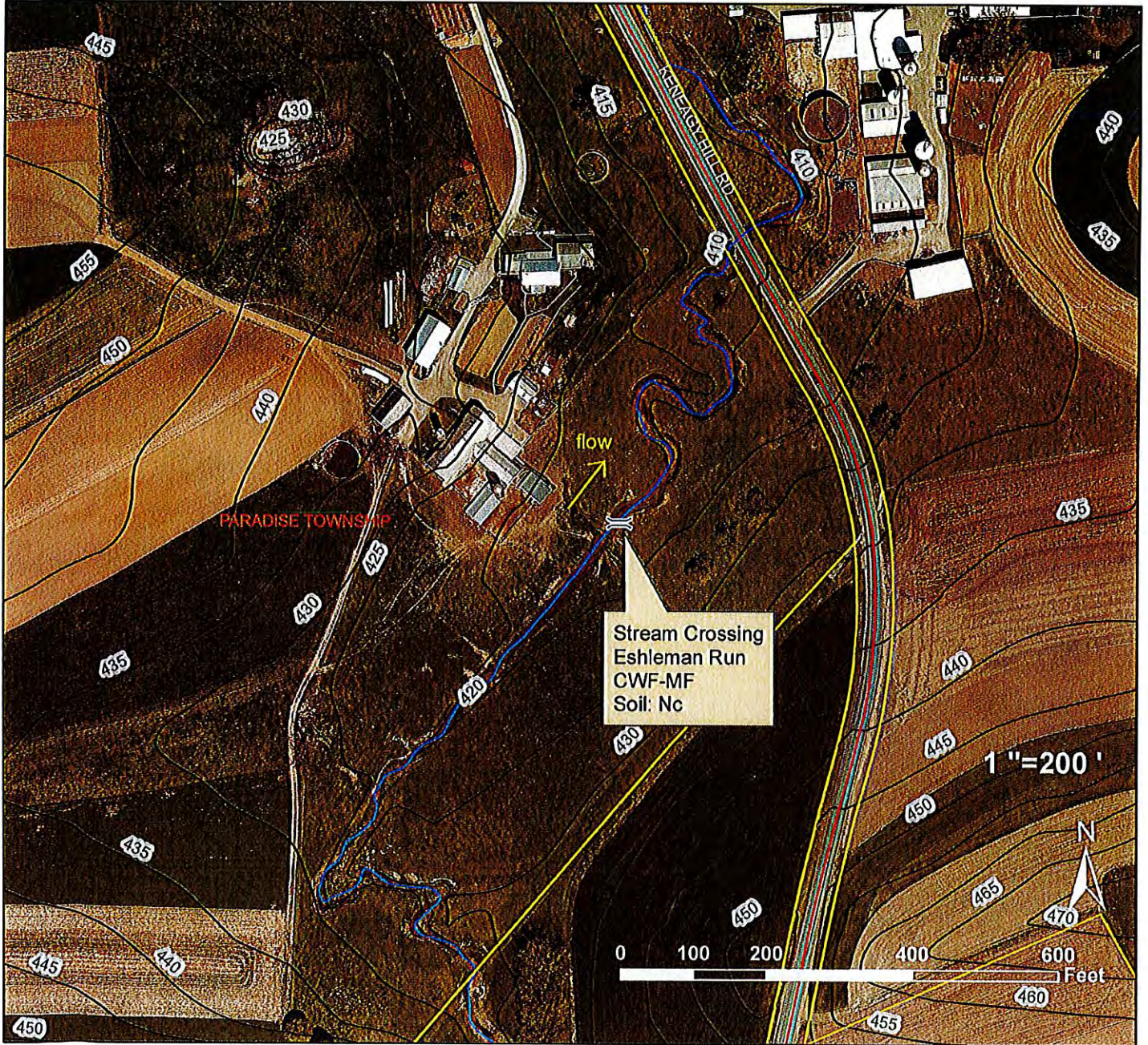
Accepted by(signature): _____ Date: _____
 Name (print): _____ Title: _____

Conservation Plan Map

Date: 9/11/2020

Customer: Elmer B. King
District: Lancaster County Conservation District
Approx Acres: (Total parcel) 90.8
Tract(s): 7018 FN 5613

Field Office: Lancaster Service Center
Agency: USDA-NRCS
Assisted By: Ag Technician Greg Heigel



594A Strasburg Rd
Paradise, PA 17562
717-687-6567

Paradise Twp

Item # IV.3

Elmer King stream crossing site, looking east, downstream to the left



Elmer King stream crossing site, looking west, upstream to the left

Item # IV.3

**LANCASTER COUNTY CONSERVATION DISTRICT
EXELON HABITAT IMPROVEMENT PROJECT – MUDDY RUN PUMPED STORAGE FUNDS**

PA DEP Approval Submission

Project Name and Address	Amos Stoltzfus 555 Rosedale Road Kirkwood, PA 17536
Watershed/Stream Name, Ch. 93 Designation	Bells Run, TSF/MF
Stream Impairment	Impaired – Agriculture
Description of Farm Operation or Property Where Project Will Occur	Mr. Stoltzfus owns and operates a 96-acre livestock and crop farm located in Colerain Township. An Ag E&S Plan has been prepared which includes approximately 53 acres of cropland 21 acres of pasture, 2 acres of farmstead, 17 acres of woodland and 3 acres of wildlife area. There are currently 56 dairy cows, 45 heifers/calves, 7 mules, and 2 horses.
Sediment/Nutrient/Habitat Problem Description	Two (2) stream crossings were approved last year with Exelon funds to permit the animals to access the pasture areas on the other side of Bells Run. 1 water access was approved last year with Exelon funds in the lower end of the pasture. Animal trails were installed at the crossings and water access approaches. Originally to be paid by the Brandywine Conservancy, this project adds the streambank fencing. The Conservancy will be installing plantings and other BMPs to create a riparian buffer.
Details on BMPs To Be Installed (Measureable Units)	5000 ft. 3-strand streambank fencing
Site Map Showing BMP Areas/Stream	See Attached
Site Photos Showing Problems To Be Addressed	See Attached
Total Project Cost, Cost Estimates For BMPs	\$8,300.00 (See attached cost estimate)
Dollars To Be Leveraged Towards Project	\$4,277.35
Contractors/Service Providers To Be Used	Unknown At This Time
Will District Seek Reimbursement for Direct Administrative Costs?	Yes, 5% Requested Equates to \$415.00
Total Grant Funds Requested	\$8,715.00

DEP EXELON FINANCIAL ASSISTANCE FUNDING PROGRAM
REQUEST FORM

Section 1: Applicant Information

Landowner: Amos Stoltzfus Operator: Amos Stoltzfus
 Farm Name: _____
 Address: 555 Rose Dale Road Address: Same
Kirkwood, PA 17536
 Telephone: (717) 517-1266 Telephone: (717) 517-1266

If project is not Agriculture related, please describe project and water quality benefits: _____

Farm Acres: 96.3 Cropland Acres: 53.7 FSA Tract No. _____

Type of Operation (livestock, dairy, poultry, crop, etc): dairy + crop

If animal operations, please list animal types and numbers:

Annual Animal Numbers

Animal Type	Number	Average Weight	Production Days/Year
mature cows	56	1500	365
heifers + calves	45	1000	365
mules + light horses	9	1100	365

Does your operation have a VERIFIABLE NMP/MMP/NRCS 590? Yes No

If yes, please list date of plan: 11-30-2017

Does your operation have a VERIFIABLE Ag E&S/Conservation Plan? Yes No

If yes, please list date of plan: 8-2-2019

Section 2: Applicant Eligibility (Include practices and current incentive payment rate information.)

Project Title: _____

Code	Practice	Component Name	Quantity	Units	Payment per Unit	Incentive Payment
382	Fence					\$8,300.00
382		Electric 3 strand	5000	LF	\$1.66	\$8,300.00
Totals					Estimated Payment	\$8,300.00

I hereby request Exelon Funding assistance for the farm identified above.

Landowner: Amos M. Stoltzfus Date: 12-2-2020

Section 3: Conservation District Use Only

Date received: _____

Watershed Name: _____ Watershed Code: _____

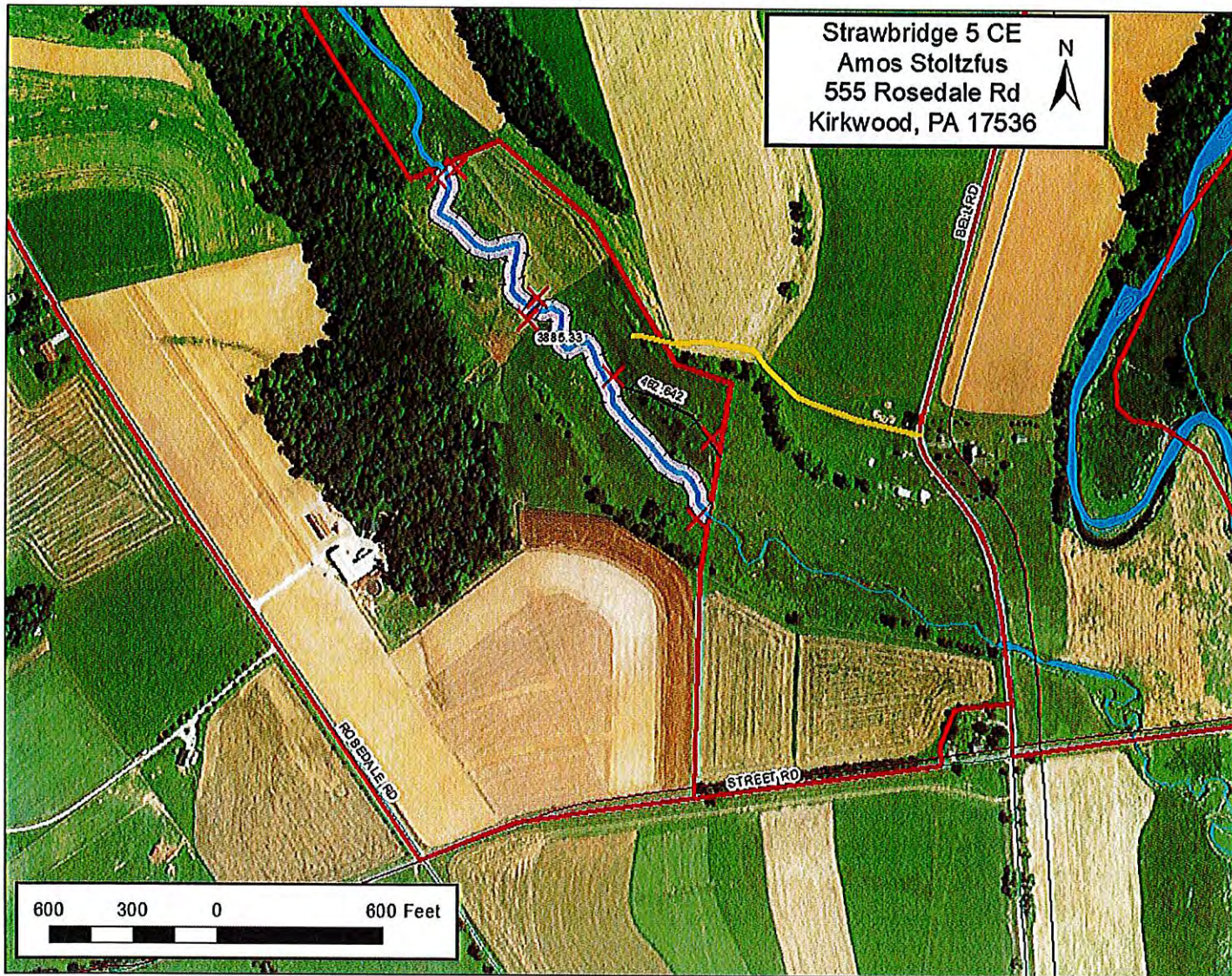
Determination of eligibility/ranking: _____ Eligible _____ Not Eligible

If not eligible, state reason: _____

If eligible, amount of funding granted: _____

Accepted by (signature): _____ Date: _____

Name (print): _____ Title: _____



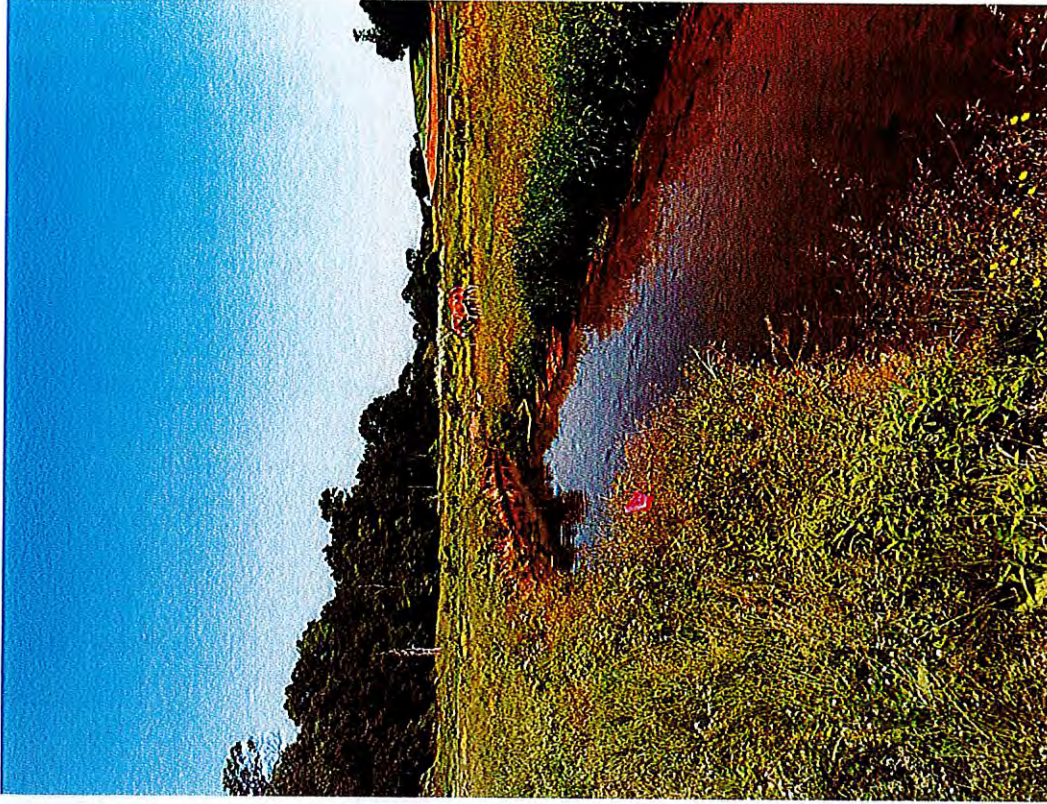


Photo #2

Stream Crossing #1 looking upstream

This is the main crossing east of the animal trail



Photo #1

Stream Crossing #1 looking downstream

This is the main crossing east of the animal trail



Photo #4

Stream Crossing #3 water access looking across stream

South of main crossing



Photo #3

Stream Crossing #2 looking downstream

North of main crossing



Photo #6

Stream Crossing #3 water access looking upstream

South of main crossing



Photo #5

Stream Crossing #3 water access looking downstream

South of main crossing

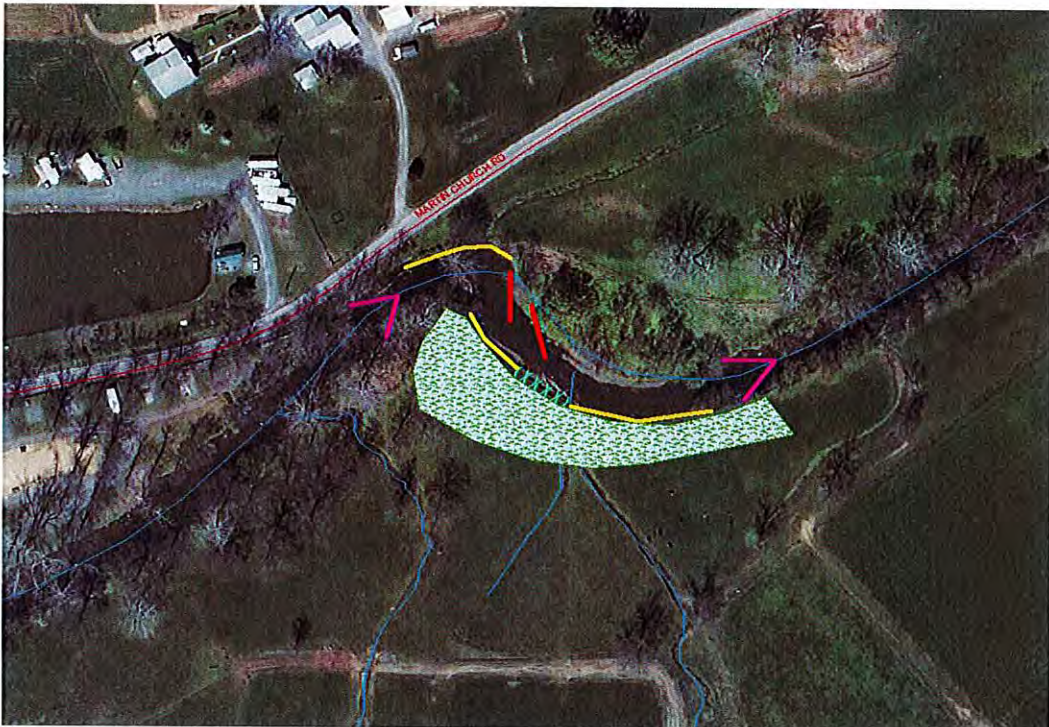
Item # IV.3

Department of Environmental Protection
Exelon Habitat Improvement Project - Muddy Run Pumped Storage funds

Lancaster County Conservation District

Project information to submit for approval:

- Project name and address – Ammon Martin Stream Restoration / 756 Red Run Rd New Holland, PA 17557
- Watershed/stream name – Conestoga Watershed / Muddy Creek
- Description of farm operation or property where project will occur – project consists of one farm along the Muddy Creek, a trout stocked fishery stream. The stream flows through a fairly wooded section and takes a sharp 90 degree turn close to Martin Church Rd. The stream is causing serious erosion and high banks, 6-9 ft. tall, and depositing sediment just downstream from the bend. There is very little vegetation on the eroding section.
- Sediment/nutrient/habitat problem description – the farmer is very much interested in fish habitat on the stream and was informed if stream work was done fencing and buffer would need to follow. He was fine with this proposal and would like to now move forward. Work on the pasture would consist of stabilizing the streambanks, creating instream aquatic habitat for the trout stocked stream, fencing and buffer at a 35 ft. setback.
- Details on BMPs to be installed (measurable units) – 600 linear feet of stream bank stabilization, approx. 2 log/rock vanes, approx. 2 log/rock cross vanes, approx.. 60ft. of zig-zag wall rock, and approx. 350 ft. of mudsill.
- Site map showing BMP areas/stream



Yellow – mudsill, Pink – cross vane, Red – log vane, Teal – zig-zag wall, Green/Blue - buffer

Item # IV.3

Site photos showing problems to be addressed



Item # IV.3

- Total project cost, cost estimates for BMPs

BMP	Cost	#	Total
Zig Zag Rock Wall	\$ 60	50 ft.	\$ 3,000
Log/Rock Vane	\$ 2,000	2	\$ 4,000
Log/Rock Cross Vane	\$ 5,000	2	\$ 10,000
Mudsill	\$ 75/ft.	350 ft.	\$ 29,750
Bank Regrading	\$ 40/ft.	600 ft.	\$ 24,000
Seeding/Mulching	\$ 500/acre	1 acre	\$ 500
Administration (5%)	\$ 3,750	1	\$ 3,750
TOTAL			\$ 75,000

- Dollars to be leveraged towards project – project partner U.S. Fish & Wildlife Service will be doing a formal design with oversight from the Conservation District and then the district will be doing the permit. The Service will also be donating some of their construction time toward the project to reduce cost. We are hoping the landowner goes with the CREP program for the 35 ft. riparian buffer and fencing to reduce cost some more. If not we have trees from the CBF 10K Tree Initiative that could be used along with fencing supplies the District owns.
- Contractors/service providers to be used (must be approved by DEP before work commences – if not known upfront, this should be supplied once determined) – U.S. Fish & Wildlife Service, Habitat Forever, Partners for Wildlife, and Unique Excavating.
- Will District seek reimbursement for direct administrative costs? (5% maximum) – Yes
- Chapter 93 Designation – TSF-MF
- Impairment Status – Not Impaired

Please send this information for approval via email to: Dave Gates, DEP South-Central Region
email: dagates@pa.gov

Item # IV.3

Department of Environmental Protection
Exelon Habitat Improvement Project - Muddy Run Pumped Storage funds

Lancaster County Conservation District

Project information to submit for approval:

- Project name and address – Douglas Diffenbaugh Stream Restoration / 242 Wolf Rock Rd., Paradise, PA 17562 (717) 442-0507
- Watershed/stream name – Pequea Creek Watershed / UNT to Londonland Run
- Description of farm operation or property where project will occur – project consists of one property along an unnamed tributary to Londonland Run. The stream flows through a fairly wooded steep section but is jumping streambanks and causing erosion along the property and the nearby road bank. The streambank in spots is 5-6 ft. tall, and depositing sediment and large cobble on outside bends. Due to the steep nature of the stream system stormwater impacts are affecting this stream segment in a negative manner.
- Sediment/nutrient/habitat problem description – the property owner is very concerned with loss of his streambanks and erosion and is open to any idea to improve the situation. Significant sediment erosion is occurring on the site from stormwater and habitat modifications from past practices so any improvements will fix the situation. Work on the property would consist of stabilizing the streambanks, creating instream aquatic habitat for fish in the stream, and adding additional native trees/shrubs to the buffered area.
- Details on BMPs to be installed (measurable units) – 750 linear feet of stream bank stabilization, approx. 2 log/rock vanes, approx. 3 log/rock cross vanes, and approx. 325 ft. of mudsill.
- Site map showing BMP areas/stream



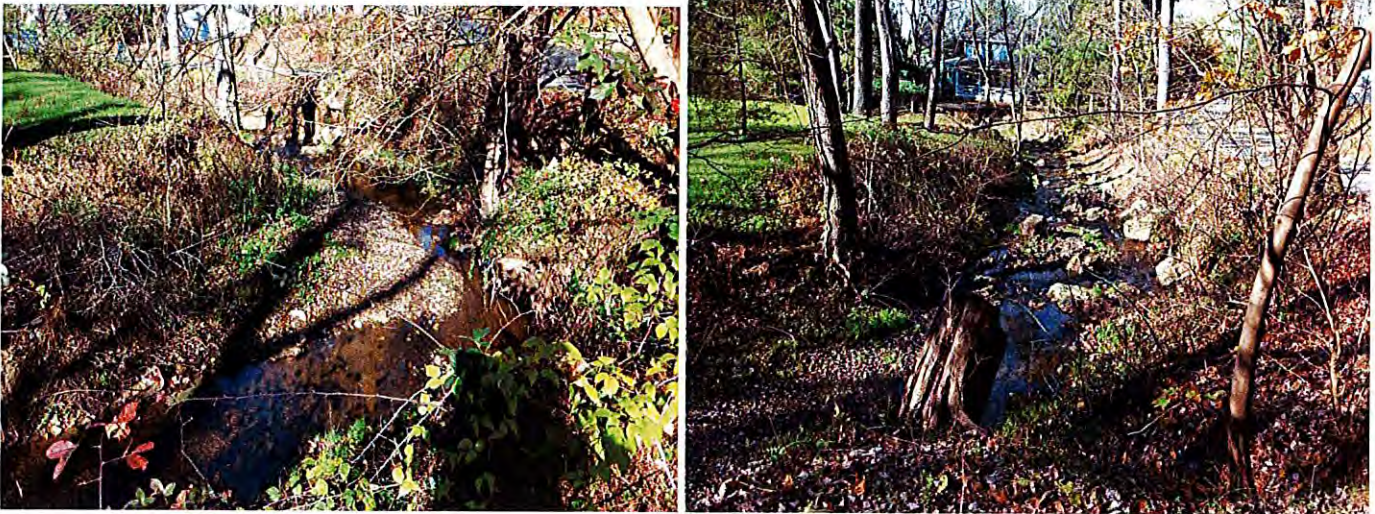
Yellow – mudsill, Pink – cross vane, Red – log vane, Teal – zig-zag wall, Green/Blue - buffer

Item # IV.3

Site photos showing problems to be addressed



Item # IV.3



- Total project cost, cost estimates for BMPs

BMP	Cost	#	Total
Log/Rock Vane	\$ 2,850	2	\$ 5,700
Log/Rock Cross Vane	\$ 5,000	3	\$ 15,000
Mudsill	\$ 75/ft.	325 ft.	\$ 24,375
Bank Regrading	\$ 60/ft.	425 ft.	\$ 25,500
Seeding/Mulching	\$ 500/acre	1.35 acre	\$ 675
Administration (5%)	\$ 3,750	1	\$ 3,750
TOTAL			\$ 75,000

- Dollars to be leveraged towards project – project partner U.S. Fish & Wildlife Service will be doing a formal design with oversight from the Conservation District and then the district will be doing the permit. The Service will also be donating some of their construction time toward the project to reduce cost. We are hoping the landowner goes with the CREP program for the 35 ft. riparian buffer. If not we have trees from the CBF 10K Tree Initiative that could be used for the buffer aspect of the project.
- Contractors/service providers to be used (must be approved by DEP before work commences – if not known upfront, this should be supplied once determined) – U.S. Fish & Wildlife Service, Habitat Forever, Partners for Wildlife, and Unique Excavating.
- Will District seek reimbursement for direct administrative costs? (5% maximum) – Yes
- Chapter 93 Designation – CWF-MF
- Impairment Status – Impairment Source – Agriculture & Habitat Modification – Other than Hydromodification; Impairment Cause – Nutrients, Organic Enrichment/Oxygen Depletion, siltation/sediment, & Habitat Alterations

Please send this information for approval via email to: Dave Gates, DEP South-Central Region
email: dagates@pa.gov

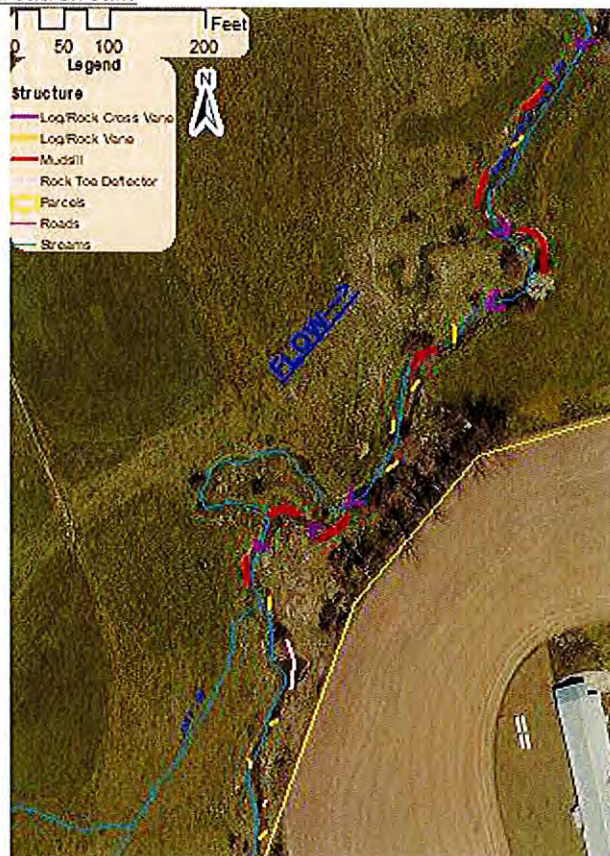
Item # IV.3

Department of Environmental Protection
Exelon Habitat Improvement Project - Muddy Run Pumped Storage funds

Lancaster County Conservation District

Project information to submit for approval:

- Project name and address – Alvin Fisher Stream Restoration / 25 Quarry Rd, Paradise, PA 17562
- Watershed/stream name – Pequea Watershed / Eshleman Run
- Description of farm operation or property where project will occur – project consists of an organic dairy farm along Eshleman Run, a cold-water fishery stream. The stream flows through a pasture. The stream takes numerous sharp bends as it gets closer to the location of a recent dam removal on the creek. The stream is causing serious erosion and high banks, 3 to 8 ft. tall, and eroding/falling numerous banks. There is very little vegetation on the eroding section due to the high banks. The dominant vegetation is grasses which does not hold the soil from eroding well.
- Sediment/nutrient/habitat problem description – the landowner is very much interested in fish habitat on the stream and was informed if stream work was done a buffer would need to follow. He is fine with this proposal and would like to now move forward. Work on the stream would consist of stabilizing the streambanks, creating instream aquatic habitat for the stream, and a buffer at a 35 ft. setback.
- Details on BMPs to be installed (measurable units) – 1,150 linear feet of stream bank stabilization, approx. 4 log/rock cross vanes, approx. 2 rock grade control riffles, approx. 50 ft. of rock deflectors, approx. 10 log/rock vanes, and approx. 190 ft. of mudsill.
- Site map showing BMP areas/stream



Item # IV.3

Site photos showing problems to be addressed



Item # IV.3



Item # IV.3

- Total project cost, cost estimates for BMPs

BMP	Cost	#	Total
Rock Deflectors	\$ 60	50 ft.	\$ 3,000
Log/Rock Vane	\$ 2,850	10	\$ 28,500
Log/Rock Cross Vane	\$ 5,000	4	\$ 20,000
Grade Control Riffle	\$3,200	2	\$6,400
Mudsill	\$ 75/ft.	170 ft.	\$ 12,750
Seeding/Mulching	\$ 1,000/acre	0.6 acre	\$ 600
Administration (5%)	\$ 3,750	1	\$ 3,750
TOTAL			\$ 75,000

- Dollars to be leveraged towards project – project partner U.S. Fish & Wildlife Service will be doing a formal design with oversight from the Conservation District and then the district will be doing the permit. The Service will also be donating some of their construction time toward the project to reduce cost. We are hoping the landowner goes with the CREP program for the 35 ft. riparian buffer. If not, we have trees from the CBF 10K Tree Initiative that could be used.
- Contractors/service providers to be used (must be approved by DEP before work commences – if not known upfront, this should be supplied once determined) – U.S. Fish & Wildlife Service, Habitat Forever, Partners for Wildlife, and Unique Excavating.
- Will District seek reimbursement for direct administrative costs? (5% maximum) – Yes
- Chapter 93 Designation – CWF-MF
- Impairment Status – Impaired by: Agriculture (Sediment)
Agriculture (Nutrients)
Agriculture (Organic Enrichment/Low D.O)
Habitat Modification
Habitat Modification (Sediment)

Please send this information for approval via email to: Dave Gates, DEP South-central Region
email: dagates@pa.gov