**TRI-COUNTY CONEWAGO CREEK ASSOCIATION**

**February 19, 2025, 7:00 pm
Moo Duck Brewery
79 S Wilson Ave, Elizabethtown**

**Minutes**

1. **Welcome and Introductions**

Monique Ralph Matt Amanda Liz Chris Bill Elanor Mike

1. **Financial Report**
	1. Current Balance: $13,037.32
	2. Activity since last report:
		1. Income: $524.01 in donations
		2. Expenses: $780.00 on 319 grant
2. **Grant Updates**
	1. 2022 319 Grant
		1. Nissley Stream Restoration (1st UNT North)
			1. Portion of stream restoration funded; awaiting remainder of funding in pending 2025 310 grant.
		2. Friends In Action Bioswale (Lynch Run) Report from Reid
			1. Site Work:

I conducted my site survey last Friday, 2/14, which was the last piece of outstanding field work. A wetland determination was conducted at the end of October and found no wetlands present on the site. I am still awaiting the formal Wetland Report from the environmental consultant which I should have in early March. Because there are no wetlands and the stream drainage area is less than 100 acres, the work will be considered a waived activity per 25 PA Code Chapter 105.12(a)(2) – which means we do not require a formal Joint Permit application and approval and can proceed with construction this spring, as was anticipated.

* + - 1. Design:

The design approach I’m proposing is intended to minimize physical disturbance to address existing areas of incision and instability to take advantage of the site’s otherwise gradual slope in a way that will maximize hydrologic retention and disperse flow across a wider area to reduce flow energy as it moves towards the receiving creek. Earth work will start approximately 40’ downstream of the existing PA-230 outfall where the channel turns abruptly, becoming incised (~2’ deep) with a steep channel slope over a 50’ section. In this area, the side slopes will be cut back to create a wider bottom footprint, and sod mats (see description below) harvested from the banks will be placed within the existing channel bottom to reduce the slope and create backwatered pockets to retain hydrology.

At the downstream end of this segment (~90’ downstream of the outfall), the swale becomes relatively stable and shallow. This condition persists for roughly 130’ where the swale reaches Andy’s existing mower crossing (two boards across the swale). Through this section, proposed disturbance will be minimized. Sod mats will be harvested and placed approximately every 25’ to a height of 4” to 6” to create a wider wetted footprint upstream of the obstruction and retain flow.

Beginning at Andy’s existing mower crossing, the swale becomes increasingly incised moving towards the receiving creek. The existing rock armoring was poorly placed and forces flow into an unprotected bank where the aggressive 3’ undercut bank occurs. Through this section, and particularly down at the receiving confluence, there will be more significant earthwork to create a wider bottom footprint and gradual swale slope, and to direct flow away from the high bank and towards the bridge. The existing rock will be repurposed to armor this section, with additional rock being imported to supplement. Some minor work will take place within the receiving channel, including rock placement to make sure there is a stable transition into the receiving channel upstream of the bridge. I am also going to propose a rock armored crossing near the upstream extents of this section that will be wide enough and flat enough for FIA to use it as a mower crossing.

* 1. 2025 319 Grant Application (still pending)
		1. Finish Nissley Stream Restoration
		2. Swatara Beagle Club Stream Restoration (Brills Run)
		3. Funds for additional stream restoration (USFWS) and ag BMPs
			1. Potential project: stream restoration and riparian buffer, Elizabethtown
1. **Outreach Activities**
	1. Lebanon County Community Water Day, Saturday, March 29, Mt Gretna Firehall, 41 Boulevard Ave, Mt Gretna
		1. Master Watershed Steward coordinated partner event
		2. Sell coffee? Lori’s Lattes?
	2. Conewago Earth Day Celebration
		1. Lawn Community Park 4/27 12-4
			1. Fish shocking by LCCD
			2. Monique to contact South Londonderry
			3. Matt will contact Church
			4. Send save the dates to partners
			5. Buy 50 trees from seedling sale (tree tubes)
	3. Penn State College of Ag Sciences Deans Tour April 9 (Zell Farm)
	4. 319 watershed tour (DEP/EPA) (May 29 tentative date)
2. **Volunteer Events**
	1. Trash clean up
		1. Late fall goal
	2. Buffer maintenance
		1. Hershey Meadows – Mid May
			1. Scouts?
3. **New Business, Other Announcements**
	1. Conewago Creek Initiative Meeting, Wednesday, February 26, 1-3pm, Sunset Grill, 2601 Sunset Drive, Middletown (agenda on back)

Conewago Creek Initiative Meeting

Sunset Grill

2601 Sunset Dr, Middletown, PA 17057

2/26/2025 1:00pm

Agenda

1. Introductions
2. Partner & project updates
	1. Conewago Restoration
	2. TCCCA Updates
	3. Other active projects in watershed
3. Outreach
	1. LSRP
	2. C3RP
	3. Greening the Lower Susquehanna
4. Presentations
	1. America the Beautiful – Alexa Kennel with Pheasants Forever
	2. Conewago Bioblitz Results & Fish Survey Results - Katie Bartling with PSU AEC
	3. American Eels – Aaron Henning with SRBC
5. Water Quality Monitoring & Synoptic Sampling
	1. Postponed till March due to weather
	2. Participants can email Kathryn Bartling kfb5680@psu.edu with questions or to join
6. **Next Meeting**

March 19th 2025 7pm

MooDuck Brewery