

Draft --- UNION COUNTY CONSERVATION DISTRICT---Draft

2019 ANNUAL WORKPLAN

Maintain the following programs/events/field days

All Staff / Director Support

Programs

- a. Chesapeake Bay program- special projects & design services
Current Special Projects: Farmstead BMP's
- b. Nutrient mgmt, plan review and enforcement *including MMP development and compliance assistance*
- c. Stream encroachment permitting and enforcement
- d. Erosion control, plan review and enforcement
- e. Buffalo creek impairment restoration (319 federal grant)> focus area> Little Buffalo Crk. or other
- f. Ag. equipment rental program (2 no-till drills, corn planter, spreader, no-till veg. transplanter)
- g. Agland Preservation program
- h. Watershed group coordination/liaison>BCWA
- i. Dirt & Gravel Roads/LVR program *including 2018 QAQC review response*
- j. Conservation/nutrient mgmt. planning internally and with NRCS
- k. Growing Greener – Riparian Buffer Protection: easements, BMP's, cover crops
- l. Coordinate programs and services with Conservancy and other conservation organizations

Events/Education

- | | |
|-----------------------------------------------------------------|--------------------------------------------|
| a. Middle School, High School, State, & National Envirothons | h. Annual Banquet |
| b. Annual Tree Sale | i. RB Winter snowfest, summerfest |
| c. Caring for Communities- conservation outreach | j. Env. Ed. Presentations – average 10/yr. |
| d. Arbor Day programs as requested | k. RC&D/NRCS Ag. Transect surveys (1/yr.) |
| e. Ag. Progress days | l. PACD/NACD Poster contest |
| f. West End Fair | m. Career Days participation as requested |
| g. Farm Field day including elected officials (support or host) | n. Hoover's sprayer mtg. – sponsor/display |

2025 plan Natural Resource Priorities

A. Streambank stabilization on 1st and 2nd order streams

<u>Action</u>	<u>Completion timeframe</u>	<u>Primary Responsibility</u>	<u>Secondary Responsibility</u>
1. Create a map of County’s 1 st and 2 nd order streams	2019	Shanon	Coordinate w/GIS dept.
2. Assess stream conditions, determine the extent of problem, using Bucknell ENST. 411 group or Chesapeake Conservancy Info. <i>Sediment Source identification, such as In-stream bank erosion, legacy sediment, field lane erosion, cropland erosion, etc. to be studied as a component of the stream assessment.</i>	2019	Shanon	Manager
3. Develop a “Small Streams Matter” Campaign for public awareness/ outreach on this topic (Fair display, informational brochures, etc.)	2019	Greg	Manager
4. Promote the concept of Landowner “Stream Watchers” empowering them to identify problems on their property and obtain resources for solutions to stabilize streambanks in order to improve water quality. (This could be done using the “ice cream socials” as a delivery vehicle)	2019	Greg	Dan

B. Organic Matter in Cropland

<u>Action</u>	<u>Completion timeframe</u>	Primary <u>Responsibility</u>	Secondary <u>Responsibility</u>
1. Promote No-Till and/or Cover Cropping as primary tools to increase organic matter/soil biology	ongoing	Staff	Board
2. Develop "Organic Matter matters" campaign >Create an educational resource that clearly explains the value of building organic matter in soils and the methods to do so.	2019	Greg	Intern/Student group
3. Begin a monitoring program in Union County on a test site(s) to track organic matter over time and publish results for general dissemination. (pick a site where ramping up OM improvement is high priority)	ongoing	Randy	Manager

C. Organic No-Till

1. Identify and support certified organic producers in Union County	2019	Manager	Board/Staff
2. Communicate District resources and services to this group	2019	Manager	Board/Staff
3. Conduct an educational workshop on successful organic crop Production using no-till/minimum till methods featuring experts in the field (Feature recent research findings by PASA group if possible)	2019	Greg	??Extension, Rodale

D. Invasive species

2019

Board

Staff

1. Purpose to have board/staff discussion on role of CD with regards to response to influx of invasive species

E. Nitrogen management

<u>Action</u>	<u>Completion timeframe</u>	<u>Primary Responsibility</u>	<u>Secondary Responsibility</u>
1. Develop a “Nitrogen Knowhow” campaign Outreach to farmers on nitrogen mgmt. best practices through workshop participation, field days, etc.	2019	Randy	Greg
2. Conduct a “4R” learning session at Hoover Tractor or other Farmer event (Demonstrate PSU Green Meter tool) (<u>R</u> ight Source, <u>R</u> ight Time, <u>R</u> ight Place, <u>R</u> ight Amount)	2019	NRCS	Manager
3. Identify and contact Farmer/Research experts that are utilizing state of the art nutrient cycling methods to significantly reduce N applications (get on board for programming for 2020)	2019	Board	Staff

F. Wildlife Habitat

1. Begin wildlife habitat development outreach on farms identified in 2018 for high priority wildlife sites using brochure developed by '18 summer intern.	2019	Manager	staff
2. Couple Wildlife habitat promotion with other environmentally sensitive lands conservation programs to achieve double benefit For Example: DCNR Multi-Functional Riparian Buffer program, Pollinator habitat programs, etc.	Ongoing	Staff	Shanon
3. Develop “Going wild for Wildlife” campaign, help landowners identify areas on their land that would be ideal for conversion to wildlife habitat areas, ie. – stream corridors, forest edges, fence rows, wet areas, marginal cropland, etc.	2019	Manager	Board

Implement Grants (current and pending):

Current:

1. Buffer Easement grant – GG - Shanon
2. Mixed Cover Crop GG - Randy
3. Little Buffalo Creek 319 Federal/State grant - Dan
4. Ag. Preservation Easement program- Cindy
5. Dirt & Gravel Roads/Low Volume Roads program - Shanon
6. J. Zeiset – GG - Shanon
7. CBP special projects: C. Bollinger - Dan
8. R. Sabo – GG - Shanon

Pending:

- A. NCPC/DEP/UCCD stream restoration: Multiple locations (partnership grant) - Shanon
- B. G. Walter – Heifer Ag. Waste, 319 program - Dan
- C. NFWF – Conservation BMP repair, Farmstead BMP's - Greg
- D. NFWF – Multi-Species Cover Crop program- Randy
- E. GG – R. Walter – Shanon
- F. GG – Lewisburg Middle School - Shanon