

# State Conservation Commission Meeting

July 13, 2021

Virtual Meeting via Zoom

## Agenda

### Business Session – 1.00pm – 3:00pm

#### **A. Opportunity for Public Comment**

#### **B. State Conservation Commission Annual Awards Announcements**

#### **C. Business and Information Items**

1. Approval of Minutes
  - a. May 11, 2021 (A)
  - b. June 8, 2021 (A)
2. Nutrient Management & Odor Management Program
  - a. Elam B. Stoltzfoos, Jr. – Northumberland County – Brady Seeley, SCC (A)
  - b. Nutrient Management Program Fiscal Year 2021-22 Budget Proposal - Frank Schneider, SCC (A)
  - c. Proposed Nutrient Management/Manure Management Delegation Agreement Funding Levels for the 2021-22 Fiscal Year - Frank Schneider, SCC (A)
  - d. Penn State University, Proposals for Education and Technical Support Activities (FY2021-22 Work Plans and Budgets) - Johan Berger, SCC (A)
    - i. Nutrient Management Specialist (Act 38), Odor Management Specialist (Act 38) and Commercial Manure Hauler & Broker (Act 49) certification, education and technical support programs, and Assessment of Animal Production Sites program.
    - ii. PAOneStop Farm Planning System Development and Education Project (FY2021-22 Work Plan and Budget) – Johan E. Berger , SCC (A)
  - e. Formation of Nutrient Management and Manure Management Delegation Agreement Workgroup - Frank Schneider, SCC (A)
  - f. Request to Develop Regulatory Revisions: Chapter 83 State Conservation Commission; Subchapter D; Nutrient Management and Chapter 83 State Conservation Commission; Subchapter E; Nutrient Management Funding Program – Statement of Policy - Frank Schneider, SCC (A)
  - g. Request to Develop Regulatory Revisions: Chapter 130b, Nutrient Management Certification; Chapter 130f, Odor Management Certification - Johan Berger, SCC (A)

- h. Request to Develop Regulatory Revisions: Chapter 130e; Commercial Manure Haulers and Broker Certification - Johan Berger, SCC (A)
3. Conservation Excellence Grant Program
    - a. Expansion of the Conservation Excellence Grant (CEG) Program and Allocation of Available Funds for FY2021-22 – Eric Cromer and Johan Berger, SCC (A)
    - b. Addendum To Grantee–Conservation District Agreement For Advanced Payments – Eric Cromer, SCC (A)
    - c. Cover Crop Eligibility Criteria - Eric Cromer, SCC (NA)
  4. Conservation District Funding Allocation Program
    - a. Proposed FY2021-22 Leadership Development Program Budget – Johan E. Berger, SCC (A)
    - b. Proposal for hosting of the Leadership Development Program Coordinator – Johan E. Berger, (A) TENTATIVE
    - c. Conservation District Fund and Unconventional Gas Well Fund ‘Proposed’ FY 2021-22 CDFAP Allocations; Karen Books, DEP; Karl Brown, SCC (A)
  5. Re-appointment of Karen Books to the Pennsylvania Envirothon State Board of Directors – Karl G. Brown, SCC (A)

#### **D. Written Reports**

1. Program Reports
  - a. Act 38 Nutrient and Odor Management Program Measurables Report
  - b. Act 38 Nutrient Management and Manure Management Program CD Evaluations
  - c. Act 38 Facility Odor Management Program & Status Report on Plan Reviews
  - d. REAP Accomplishment Report
  - e. Conservation Excellence Grant Program Report
2. Ombudsman Program Reports – Southern Allegheny Region (Blair County Conservation District) and Lancaster County Conservation District.

#### **E. Cooperating Agency Reports**

#### **Adjournment**

Next Public Meetings August 17, 2021 Conference Call

September 14, 2021 Public Meeting (In-person or Virtual format to be determined)



**COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION**

June 23, 2021

To: Members  
State Conservation Commission

From: Karl G. Brown  
Executive Secretary

RE: State Conservation Commission Annual Award Winners Announcement

In May 2021, the SCC Awards Committee recommended award winners for 2020 and 2021. The following will be announced at the SCC meeting on July 13, 2021. The awards presentation will take place at Ag Progress Days in August 2021.

**SCC Distinguished Service Award**

**2020**

**William J. Kahler**, DEP Retired, Lycoming County District Director  
**Steven Wm. Taglang**, DEP Retired

**2021**

**Lorelle Steach**, PA Envirothon Coordinator Retired  
**Douglas Goodlander**, DEP Retired

**SCC Leadership Training Excellence Award**

**2020**

**Nancy R. DiFiore**, NRCS Assistant State Conservationist, Northeast, PA

**2021**

**C. Frederick Fiscus III**, PG, DEP Retired

**SCC Leadership Excellence – Board**

**2020**

**Montgomery County Conservation District Board**

**2021**

**Washington County Conservation District Board**



COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION

**District Anniversaries**

Districts with significant anniversary dates in **2020**

- 45 Years – None
- 50 Years – Delaware
- 55 Years – None
- 60 Years – None
- 65 Years – Huntingdon, Schuylkill, Wayne
- 70 Years – Cambria, Lancaster, Perry
- 75 Years – Fulton, Potter

Districts with significant anniversary dates in **2021**

- 45 Years – None
- 50 Years – None
- 55 Years – Blair, Cameron
- 60 Years – Beaver, Bucks, Butler, Lawrence, Northampton, Sullivan, Venango
- 65 Years – Bedford, Bradford, Crawford, Franklin, Greene, Lycoming, Mifflin,  
Montgomery, Pike Snyder
- 70 Years – None
- 75 Years – Allegheny, Berks, Clinton, Jefferson, Lehigh, Tioga

**STATE CONSERVATION COMMISSION  
MEETING  
PA Department of Agriculture, Harrisburg, PA  
Zoom Webinar System**

**Tuesday, May 11, 2021 - 1:00 p.m.**

***Draft Minutes***

Members Present: Deputy Secretary Greg Hostetter for Secretary Russell Redding, PDA; Secretary Patrick McDonnell, DEP; Mike Flinchbaugh; MaryAnn Warren; Ron Rohall; Ron Kopp; Drew Gilchrist for Secretary Cindy Adams Dunn, DCNR; Pete Vanderstappen, NRCS; Adam Walters, DCED; Brent Hales, Penn State; Brenda Shambaugh, PACD.

**A. Public Input - None**

**B. Business and Information Items**

Karl G. Brown, Executive Secretary, noted that an Executive Session was held to address Nutrient Management Program compliance and other program legal issues.

1. Approval of Minutes – March 9, 2021 - Public Meeting and April 13, 2021 – Conference Call.

*Mike Flinchbaugh moved to approve the March 9, 2021 public meeting minutes and the April 13, 2021 conference call minutes. Motion seconded by MaryAnn Warren. Motion carried.*

2. Former Employee Director Draft Policy. Karl Brown, SCC reported that in September 2020, the Commission directed staff to circulate the draft policy on “Appointing Former Conservation District Employees as Conservation District Directors” to conservation districts and other interested parties for a 45-day comment period. This comment period ended November 2, 2020 and twelve (12) conservation districts and/or conservation district employees submitted comments on this policy. These comments were reviewed with the Commission members during our January 19, 2021 Commission meeting and discussed with the Conservation District Advisory Committee (CDAC) as a part of their December 10, 2020 and March 11, 2021 meetings. Based on comments from conservation districts, several changes were made to the draft policy and are outlined below.
  - The draft was expanded to cover other individuals employed in certain county, state and federal positions that maintain significant control over conservation district programs or funding.
  - Language regarding “financial” penalties was removed and replaced with a provision stating: If it is determined that a conservation district director appointment is made in conflict with this policy, the Commission will work with the county governing body and the conservation district board to seek an amicable resolution to this matter.
  - A provision was added to allow conservation districts to request an exception to this policy from the Commission on a case-by-case basis.

Based on the comments received from county conservation districts, and the input of the Conservation District Advisory Committee, Commission staff have made final edits to the draft policy and recommend approval of this proposed policy at this time.

*MaryAnn Warren moved to approve the proposed policy “Restrictions on the Appointment of Former Conservation District Employees and Other County, State, and Federal Employees as Conservation District Directors.” Motion seconded by Ron Kopp. Motion carried.*

3. Nutrient Management and Odor Management Program (NMP – Nutrient Management Plan and OMP – Odor Management Plan)

a. OMP Amendment “D” – Yippee! Farms, LLC – Mount Joy Farm – Arlin Benner, West Rapho Township, Lancaster County. Karl Dymond, SCC, noted that the Yippee Farm is an existing dairy operation in Mount Joy Pennsylvania which is operated by Arlin Benner. This operation has an existing odor management plan which has been amended and or updated three times previously. This proposed amendment is to cover the proposed conversion of a portion of a “cover-all” barn into a manure storage. The odor site index for this proposed plan amendment is 153.0. Any project with an odor site index greater than 100 requires full commission consideration.

*Mike Flinchbaugh made a motion to approve the Yippee Farms Odor Management Plan Amendment D. Motion seconded by MaryAnn Warren. Motion carried.*

b. OMP Amendment “A” – Kish View Farm Amendment “A” – Keith Spicher; Union Township, Mifflin County. Karl Dymond, SCC, reported that the Kish-View Farm is an existing dairy operation in Bellville, Mifflin County. The operation has an approved odor management plan which was approved September 13, 2016. The plan before the Commission today is a proposed amendment to that plan. The proposed amended plan has an odor site index of 236.9 and requires full commission consideration.

*MaryAnn Warren made a motion to approve the Kish-View Farm odor management plan (Amendment A). Motion seconded by Ron Rohall. Motion carried.*

c. John Rishel, Watsontown, Northumberland County. Brady Seeley, SCC, reported that the John Rishel farm is an existing dairy heifer operation in Northumberland County. This operation has approximately 121 animal units per acre (AEUs) which classifies it as a concentrated animal operation (CAO) under the Nutrient Management Program (Act 38 of 2005). This plan is before the Commission due to the fact that Northumberland Conservation District does not have a Nutrient Management Program delegation agreement with the Commission.

*Mike Flinchbaugh made a motion to approve the John Rishel Farm Nutrient Management Plan. Motion seconded by MaryAnn Warren. Motion carried.*

4. Proposed Revisions to the FY2021-22 REAP Guidelines and Application. Joel Semke, SCC, reported that each year the Commission reviews the REAP Program and solicits input from participants and partners on potential changes to improve the program and updates the REAP Program Guidelines for the upcoming fiscal year. Staff is recommending several changes in three different areas including Cover Crops, Manure Incineration, and for the overall BMP eligibility time frame (when a farmer can apply for a previously completed BMP). Joel Semke, REAP Program Coordinator provided an overview of the proposed FY 2021-22 REAP Guidelines.

Voting Commission members that anticipate utilizing the REAP Tax Credit Program in FY 2021-22 were requested to indicate their intent to abstain (in writing) from participation in the discussion and vote on the proposed changes to the FY 2021-22 REAP Program Guidelines. Mike Flinchbaugh abstained from voting.

*MaryAnn Warren made a motion to approve the proposed FY2021-22 REAP Program Guidelines. Motion seconded by Ron Kopp. Motion carried. Mike Flinchbaugh abstained from voting.*

5. Proposed Revisions to the FY2021 Conservation Excellence Grant Program Guidelines. Eric Cromer, SCC, reported that similar to the REAP Program, the Commission operates the Conservation Excellence Grants (CEG) Program based on “guidelines” (as per the enabling legislation). The original guidelines for the CEG Program were written primarily for the original Tier 1 pilot counties of Lancaster and York Counties. Since that time, the CEG Program has expanded into Cumberland, Franklin, Bedford and Centre Counties. Commission staff has solicited input on the guidelines from participating conservation districts and has developed proposed updates to the CEG Program guidelines for the Commission’s consideration. Eric Cromer, SCC Conservation Program Specialist, presented the proposed updates for the CEG Program guidelines for the Commission’s consideration.

Voting Commission members that anticipate utilizing the REAP Tax Credit Program in FY 2021-22 were requested to indicate their intent to abstain (in writing) from participation in the discussion and vote on the proposed changes to the FY 2021-22 CEG Program Guidelines. Mike Flinchbaugh abstained from voting.

*MaryAnn Warren made a motion to approve the proposed changes to the Conservation Excellence Grant Program guidelines. Motion seconded by Ron Rohall. Motion carried. Mike Flinchbaugh abstained from voting.*

6. Dirt, Gravel, and Low Volume Road (DGLVR) Program

a. Proposed FY2021-22 DGLVR Allocations to Conservation Districts. Roy Richardson, SCC, reported that funding allocated to the Commission’s portion of the Dirt, Gravel and Low Volume Road Program is \$28 million annually. Each year, the Commission utilizes a formula driven allocation process to develop county allocations for the program. A copy of both the Low Volume and the Dirt and Gravel allocation formulas are included in the Commission meeting packet. While these formulas remain constant from year to year, county allocation will fluctuate slightly due to changes in factors such as input data and the number of district eligible for allocations in any given year. Roy Richardson and Steve Bloser presented the proposed FY 2021-22 Dirt, Gravel and Low Volume allocation recommendations.

MaryAnn Warren made a motion to approve the proposed FY 2021-22 Dirt and Gravel Road Program allocations. Motion seconded by Ron Kopp. Motion carried.

MaryAnn Warren made a motion to approve the proposed FY 2021-22 Low Volume Road Program allocations. Motion seconded by Mike Flinchbaugh. Motion carried.

b. Center for Dirt and Gravel Road Studies, Education, and Technical Assistance Agreement Proposed 2021-22 Scope of Work Annual Budget. Roy Richardson, SCC, and Steve Bloser, PSU, reported that the Penn State Center for Dirt and Gravel Road Studies provides education, outreach, and technical assistance to Pennsylvania's Dirt, Gravel and Low Volume Road Program. The Center is primarily funded by the Commission (via a five-year contract), but also receives support from the DCNR Bureau of Forestry and through grants. FY 2021-22 is the 3<sup>rd</sup> year in the five-year grant agreement. Each year the Commission approves a scope of work for the Center, as well as an annual allocation of funds. Funding for FY 2021-22 is proposed at \$1,372,000 which is consistent with previous years. Roy Richardson and Steve Bloser provided additional information on the proposed FY 2021-22 Center Scope of Work and Proposed Budget.

Mike Flinchbaugh made a motion to approve the proposed FY 2021-22 Scope of Work and Annual Budget. Motion seconded by MaryAnn Warren. Motion carried.

During the Dirt, Gravel and Low Volume Road agenda item discussion, Brenda Shambaugh, PACD, requested that results of the survey conducted by the DGLVR Quality Assurance Workgroup regarding the last cycle of program evaluations would be shared. Roy Richardson responded that the survey results would be shared.

Shambaugh also commented that conservation district program staff are expressing that they may not be getting sufficient guidance on stream crossing BMPs under the program either through training or the program Technical manual. Roy Richardson responded that the manual is currently under development and the program is working on additional training for this subject.

7. Proposal for authorization of funds to finance an interest rate subsidy to support the Agriculture Linked Investment Program. Johan Berger, SCC, reported that Agri-Link Low Interest Loan Program was enacted December 1994 as a companion bill to the PA Nutrient Management Act (Act 6 of 1993). Since that time the enabling legislation was amended twice (1998, 2019). Agri-Link provides low interest loans to farmers to help them implement agricultural BMPs that are a part of an approved plan (NM, MM, AG E&S, Cons. Plan) in order to prevent nutrient and sediment run-off from farm fields and animal concentration areas (ACAs). Under the Agri-Link Program the private sector makes loans (banks, farm credit, etc.), the Commission subsidizes the loans, and the PA Treasury provides access to state funds (up to \$25 million) to support the loans. From 1999 to 2008, the Commission subsidized Agri-Link market-based interest rates by 4 points, facilitating \$5.5 million in loans to 147 participants with an average loan of \$37,750. The most common BMP was agricultural waste storage. These loans often supplemented state and federal grants for these BMPs. Discontinued in 2008 due to limited state funds (subsidies), the last active Agri-Link loan fully repaid in 2015. In



2019, as a part of the PA Farm Bill legislative package, the Agri-Link enabling legislation was amended to: 1. increased the loan cap to \$250,000 (previously \$75,000); 2. increased maximum loan term to 12 years (previously 7 years); and 3. provided funds to subsidize loans. Commission staff is currently working with PA Treasury to reestablish AgriLink Program. One key aspect of AgriLink is the Commission's ability to subsidize interest rates for loans under this program. Johan Berger presented a proposal to subsidize an initial block of loans (\$2.5 million) at 3 points below current market rates. This action will allow the Commission staff to continue work with the Pennsylvania Treasury to reestablish the AgriLink Program in early summer.

*Brent Hales made a motion to approve the allocation of funds (\$495,446.12) to subsidize an initial block of \$2.5 million in AgriLink Loans. Motion seconded by Mike Flinchbaugh. Motion carried.*

8. Wyoming County Conservation District Building Project Request. Karl Brown, SCC, reported that the Wyoming Conservation District has had a long-term interest in purchasing a building to house the district staff and programs. In anticipation of this, they established a building reserve account with Commission approval to accumulate adequate funds to purchase or build such a facility when the opportunity arose. Funds allocated to the building reserve account were from their Act 13 Unconventional Gas Well Funds. An opportunity to purchase a building that meets their needs has recently occurred and the Wyoming Conservation District is working towards the purchase of this property. Given the nature of current real estate markets, the district has needed to move quickly on this purchase. Commission Policy requires that any district entering into a contract that exceeds \$250,000 requires Commission approval. Wyoming District is requesting Commission approval to this purchase. Commission and district staff have discussed the district's financial plan for this purchase and believe the district has the financial resources to cover this purchase. A representative from Wyoming Conservation District was available during the Commission meeting to discuss the proposed purchase and the financial resources available to cover this purchase.

*MaryAnn Warren made a motion to approve the Wyoming Conservation District actions to enter into a contract exceeding \$250,000 for the purchase of an office building as outlined in their memo to the Commission (Agenda Item B.8). Motion seconded by Mike Flinchbaugh. Motion carried.*

9. Report and Update – Independent Fiscal Office – Evaluation of Program Performance Report - REAP. Karl Brown, SCC, reported that Act 48 of 2017 requires the Pennsylvania Independent Fiscal Office (IFO) to review various state tax credit programs over a five-year period. As a part of their third year of program audits, the IFO reviewed the **Resource Enhancement and Protection Program**. As a part of this audit, the IFO reviewed studies on the cost and environmental impact of agricultural best management practices (BMPs) for reducing water pollution, held discussions with various stakeholders, and met with agency staff who administer the tax credit.

Based on that research, the IFO developed and submitted their report to fulfill the requirements contained in Act 48. The report was submitted to the Performance-Based Budget Board (PBBB) and the Chairs of the House and Senate Finance Committees. The audit report for the REAP Tax Credit Program was presented to the PBBB on April 26, 2021. After discussions and questions, the Performance-Based Budget Board approved the REAP Tax Credit Program Audit report.

In the final audit report, the IFO recommended the following to enhance the efficiency of the REAP Tax Credit Program and improve its ability to achieve its goals and purpose.

- **The SCC should collaborate with DEP to estimate the reduction of nitrogen, phosphorus and sediment resulting from REAP Tax Credits issued to qualified BMP projects.**
- **The SCC should review the current policy of approving REAP Tax Credit applications for projects that have been completed.**
- **Convert the existing tax credit to a competitive grant program to enhance the economic impact of the state spending and assist farmers that may have limited access to capital.**
- **If the current tax credit program is retained, the credit should be made fully or partially refundable.**

Based on discussion during the hearing regarding the difficulty of measuring the pollution reductions of agricultural best management practices (BMPs), the Board directed IFO and agency staff to meet over the next year to determine what type of an appropriate performance-based management evaluation system could be used in the REAP Program to document and maximize the pollution reduction benefits of agricultural BMPs funded by the REAP Program.

*No action was required by the Commission.*

### **C. Written Reports – Self Explanatory**

#### 1. Program Reports

- a. Nutrient and Odor Management Program Measurables Report
- b. 2021 Odor Management Plan Self-Certification Report
- c. Status Report on Facility Odor Management Plan Reviews
- d. REAP Program Accomplishment Report
- e. Conservation Excellence Grant Program Report
- f. Certification and Education Program Accomplishment Report

#### 2. Ombudsman Program Reports – Southern Allegheny Region (Blair County Conservation District) and Lancaster County Conservation District

### **D. Cooperating Agency Reports – DCNR, PDA, Penn State, DCED, DEP, NRCS, PACD**

**DCNR** – Drew Gilchrist reported that a successful Riparian Buffer Summit was held virtually in March 2021. All of the 2021 Virtual Riparian Forest Buffer Summit session recordings are now available on the Clean Water Academy. Many thanks to PACD and DEP for uploading and hosting these recordings online. Some of the sessions being offered include: Business of Buffers; Buffers for Game Species; How to Communicate Effectively with Decision Makers; Working with (Tree) Nurseries; and How Do We Create a Better Relationship with Rain?

**PDA** – Deputy Secretary Greg Hostetter reported that under the PA Farm Bill, an announcement was made on April 19, 2021, that there is \$1 million in the Farm Vitality Grant Program. The application period is open now. Visit the PDA website for more information. Deputy Secretary Hostetter reminded everyone to inspect for Spotted Lanternfly on vehicles and products. The Pennsylvania Agricultural Surplus System (PASS) program helps to support Pennsylvania’s agricultural industry statewide – making connections between production agriculture and the non-profit sector responsible for getting more nutritious food into the hands of Pennsylvanians at risk of hunger. PASS has now exceeded 20 million pounds of food. PDA is currently finalizing the reopening plans for the all offices and the Farm Show Complex.

**PSU** – Brent Hales reported that Penn State is transitioning back to face-to-face events and University operations. Everyone should be fully back to the offices by August (with a rolling return). The University will be ‘in-person’ for the Fall 2021 semester. Everyone is looking forward to getting back and being fully engaged. Ag Progress Days will also be happening in-person this year from August 10-12, 2021.

**DCED** – No report.

**DEP** – Secretary Patrick McDonnell reported that ideas are needed for the Transportation Revenue Options Commission, which was established in March 2021. DEP’s return to office planning is under way. Growing Greener Plus and 319 Grants are now open and are closing on June 25, 2021. DEP thanks PACD for helping with the virtual meeting that will be held on May 19 and 20, 2021. There are 84 people registered for this meeting so far. In 2018, the Districts and DEP entered into Watershed Specialist Grant Agreements. These agreements were extended through June 30, 2022. There are online forms available for Attachment B of the Clean Water Academy. District managers should enter an Attachment B for 102 and 105 by June 30, 2021. The 102 ePermit release schedule is now updated. The Bay Office supports counties and districts, which are invited to attend Webinar Wednesdays. On April 17, 2021, updated Covid-19 guidelines for Ag inspections were released. DEP is utilizing summer interns again this year. Interns need to complete adequate trainings. One can sign up for the monthly Bay newsletter on the DEP website.

**NRCS** – Pete Vanderstappen reported that EQIP is rolling out. It is currently challenging for producers to sign up for building projects due to the high cost of lumber. The NRCS office had been closed due to COVID but is now operating at 100 percent.

**PACD** – Brenda Shambaugh reported that on July 6, 2021, the PACD office will switch to a hybrid schedule – part in office/part at home. The Grower Greener CREP Cost Share Grant has now ended. There is a new CREP Cost Share Grant, which will start on July 1, 2021. There is a focus group on three watershed groups in Pennsylvania. PACD is anticipating submitting a Growing Greener application for a manure management/Ag E&S plan development Mini Grant Program.

**Adjournment:** Meeting adjourned at 3:16 p.m.

Next Public Meeting: June 8, 2021 – Conference Call  
July 13, 2021 - Public Meeting, Virtual, via Zoom

## STATE CONSERVATION COMMISSION CONFERENCE CALL

### Microsoft Teams Conference Call

Tuesday, June 8, 2021 @ 8:30 am

#### *DRAFT MINUTES*

**Members Present:** Deputy Secretary Greg Hostetter for Secretary Russell Redding, PDA; Secretary Patrick McDonnell, DEP; Ron Kopp; Ron Rohall; Don Koontz; MaryAnn Warren; Drew Gilchrist for Secretary Cindy Adams Dunn, DCNR; Pete Vanderstappen, NRCS; Chris Houser, Penn State; Adam Walters, DCED; and Brenda Shambaugh, PACD.

**A. Public Input:** None.

#### **B. Agency/Organization Updates**

1. DCNR – Drew Gilchrist

Drew reported that during the past year, it has been shown how essential parks, trails, and forests have been to the physical and mental well-being of our citizens. Sales of recreational equipment, such as bikes, kayaks, and camping gear, is through the roof. Trail counters are reporting unprecedented use and impact on the facilities and many new users. State park visitation saw a 26% increase during the Covid-19 pandemic, and DCNR expects that growth to continue as many people have added park use to their normal routines. In 2020, parks welcomed 46.9 million visitors compared to 37 million visitors in 2019. Positive news: Trails are being considered positive outlets; there is increased awareness of trails and parks; and there is increased volunteerism. People are assisting in trash pick up and maintenance. Downsides: Increased littering and dumping; delays in seasonal maintenance; and overuse and overcrowding. Park and trail managers continue to regroup and adapt to continuing changes.

2. PACD – Brenda Shambaugh

Brenda reported that the Senate/Agriculture Committee considered SB 465 which included several amendments. On Saturday, June 12, 2021, the Department of Education Environmental Education standards will be released for comment. PACD is preparing a comment letter regarding the insufficiency of agriculture education elements in the standards. PACD is currently working with the SCC staff to renew the Leadership Development contract.

3. Pennsylvania Department of Agriculture – Deputy Secretary Greg Hostetter

Deputy Secretary Hostetter reported that the Department is working with PEMA to activate mobile vaccination opportunities at food and agri-businesses. Individuals who are seeking to receive the Covid-19 vaccine are being identified. There was a recent detection of CWD in Warren County, which will result in a new disease management area. The herd was depopulated. Spotted lanternflies are in the hatching stage throughout Pennsylvania. Pesticide spraying is being performed along certain transportation corridors by PDA.

4. Penn State – Chris Houser

Chris reported that Penn State had a successful timber show this past weekend. There is a current campaign to get outside—various walks are occurring. Penn State is installing a long-term research buffer over the next decade in Dauphin County. PA One Stop has increased in users since last year and is working on the Ag E&S and manure management modules. Ag Progress Days will take place from August 10-12, 2021.

5. DEP – Secretary Patrick McDonnell

Secretary McDonnell reported that CDFAP Act Program and Act 38 Annual application information packets were sent out and due back by July 16, 2021. Materials for amendments to conservation districts Chesapeake Bay Technical Assistance agreement were sent on June 1, 2021 and are due back by July 16, 2021. The State Water Program held virtual meetings from April 13 – 29, 2021. Section 319 Grants round is open through June 25, 2021. The Growing Greener Program is also open through June 25, 2021. There are new SOPs (Standard Operating Procedures) and a Complementary Clean Water Course available. Webinar Wednesdays are coming soon. As of June 5, 2021, Karen Books is the new Environmental Group Manager in the Conservation District Support Section at DEP.

6. NRCS – Pete Vanderstappen

Pete reported that NRCS is in the middle of the EQIP contracting season. NRCS has recognized issues of construction lumber price increases. NRCS will make extra payments to current contracts to farmers who are in the middle of projects. Denise Coleman will return to the NRCS Harrisburg office in mid-July 2021.

7. DCED – Adam Walters – no report.

## C. Information and Discussion Items

1. **Chesapeake Bay Program Agricultural Inspection Program Update (Jill Whitcomb, DEP, Chesapeake Bay Program Office)** – Pennsylvania DEP has wrapped up Phase 1 of the Agricultural Inspection Program and is moving into Phase 2 of the initiative. Jill Whitcomb presented an overview of the transition to Phase 2, changes in deliverables for participating conservation districts and timelines for moving Phase 3 forward. A copy of the presentation was provided to Commission members (Update only. No action required.)
  
2. **Renewal of the Alternative Phosphorous Guidance for Hillendale Farms (Please note that action is requested on this agenda item – Frank Schneider, SCC Nutrient Management Program Manager)** - The Commission’s Act 38 phosphorus management policy recommends operations use the Phosphorus Index (P Index) when addressing phosphorus management in the nutrient management planning process, but allows for alternatives to the P Index, as approved by the SCC for a particular operation. In 2007, the Commission provided the Hillendale Farms with an alternative phosphorus management scheme as an alternative option to using the P Index for the handling of this egg wash water (EWW). On May 12, 2015, the SCC approved an updated alternative phosphorus management scheme, as an alternative option to using the P Index, for the handling of their EWW. The approved updated alternative approach is to be reviewed every 5 years to determine if modifications are warranted. Frank Schneider provided additional information on this agenda item

**ACTION REQUESTED:** A motion to approve the renewal of the alternative phosphorous management scheme for Hillendale Farms is appropriate.

*Don Koontz made a motion to approve the renewal of the alternative phosphorous guidance for Hillendale Farms. Motion seconded by MaryAnn Warren. Motion carried.*

3. **Accelerated Process for FY2021-22 Nutrient Management Fund (NMF) Annual Budget and Agricultural Conservation Technician (ACT) Applications (Johan Berger/Frank Schneider)** - Commission staff anticipate providing final form budgets for the Nutrient Management Program and the Conservation District Funding Allocation Program (CDFAP) for review and approval by the Commission at the July 13, 2021 meeting. In addition, Commission staff will be asking for approval of FY2021-22 Nutrient/Manure Management Delegation funding for conservation districts and CDFAP allocations pertaining to the Agricultural Conservation Technical Assistance program (ACT). To help expedite encumbrance of FY2021-22 allocated funds to existing agreements in these programs, the Department of Agriculture (PDA) Budget Office has requested the Commission staff start the annual budget proposal and application process earlier than in previous years. In order to facilitate this request, Commission staff have sent Nutrient Management Delegation Agreement annual budget proposal and ACT Program application information to county conservation districts and asked them to complete the

budget proposals and applications using anticipated Nutrient Management Program budget numbers and CDFAP ACT Program allocations. Districts are to complete the applications and submit the applications to program staff by July 16, 2021. Johan Berger provided additional information on this agenda item. (Update only. No action required.)

4. **Next Meeting – July 13, 2021**                      **Virtual via Zoom**
5. **Adjournment: 9:31 a.m.**



**COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION**

**DATE:** June 25, 2021

**TO:** Karl G. Brown, Executive Secretary  
State Conservation Commission

**FROM:** Brady Seeley, Conservation Program Specialist  
State Conservation Commission

**SUBJECT:** Nutrient Management Plan Review and Requested Action  
Elam B. Stoltzfoos, Jr, Northumberland County, Pennsylvania

**Action Requested**

Action is requested on the Elam B. Stoltzfoos, Jr. Nutrient Management Plan for his Concentrated Animal Feeding Operation (CAFO) located in Northumberland County.

**Background**

I have finalized the required review of the subject Nutrient Management Plan (NMP, or plan) listed above. Final corrections to the plan were received at the State Conservation Commission's (SCC) Harrisburg office on June 25, 2021. As of that date, the plan was considered to be in its final form. The operation, located in Northumberland County, is considered to be a Concentrated Animal Feeding Operation (CAFO) and a Concentrated Animal Operation (CAO) under the PA Nutrient and Odor Management Act (Act 38 of 2005). The Commission is the proper authority to take action on this plan, because Northumberland County Conservation District is not a delegated to perform plan review and action responsibilities under the Act 38 program.

A brief description of the operation, including my staff recommendation, is attached. Also attached is a copy of the complete Nutrient Management Plan for the operation.

Thank you for considering this plan for Commission action.



### **Farm Description**

Mr. Stoltzfoos is an existing duck operation in Northumberland County. Mr. Stoltzfoos' operation consists of 12.9 acres of cropland and 9.7 acres of farmstead. However, Mr. Stoltzfoos does not maintain operational control of the cropland. Animals raised on the operation are 18,800 ducks. Total animal equivalent units (AEUs) housed at Mr. Stoltzfoos' operation is 94.4 AEUs. With 0 acres available for manure application, Mr. Stoltzfoos' animal density calculation works out to 94.4 AEUs / acre, classifying the operation as a Concentrated Animal Operation (CAO) under Act 38 of 2005.

Approximately 1,950,000 gallons of duck manure is generated per year on the operation. Manure is stored in an HDPE lined manure storage. Manure is exported through a broker, Jeff Martin, during the spring and fall. All animal mortalities are incinerated, and the ash is added to the manure storage. The NMP does include the proper signed Exporter / Broker Agreement.

The receiving stream for the operation is an unnamed tributary to Mahantango Creek, which is a Warm Water Fishery.

There are no Best Management Practices listed to be implemented on Mr. Stoltzfoos' animal operation.

Based on my review, the NMP developed for Elam B. Stoltzfoos' animal operation meets the requirements of the PA Act 38 Nutrient Management Regulations, and I therefore recommend Commission approval.

# Nutrient Management Plan

## For Crop Year(s)

2022, 2023, 2024

## Prepared For

Operator's Name, Mailing Address, Telephone Number(s)

Elam B. Stoltzfoos Jr.  
552 Mountain Road, Dalmatia, PA 17017  
717-362-4339

Operation's Location Address (if different than above)

322 Hatchery Road  
Dalmatia, PA 17017

Site Name (CAFOs)

Elam B. Stoltzfoos Jr Farm

## Prepared By

Nutrient Management Specialist's Name, Address, Telephone Number(s)

Diane Comrey  
5246 Simpson Ferry Road #231, Mechanicsburg, PA 17050  
717-315-3765

Nutrient Management Specialist's Program Certification Number

NMC-1304

## Administratively Complete Date

March 31, 2021

## Plan Approval Date

## Plan Update Submission Date(s)

(updates to the approved plan not requiring board action)

**NON-FINAL FORM**

Version 1

This NMP may be revised prior to a formal action by the Conservation District Board. The final form of the plan will be available at least 7 days prior to Board action. You may contact the Conservation District to determine the current status of the NMP

March 31, 2021  
Month, Day and Year

**NON-FINAL FORM**

Version 2

This NMP may be revised prior to a formal action by the Conservation District Board. The final form of the plan will be available at least 7 days prior to Board action. You may contact the Conservation District to determine the current status of the NMP

June 21, 2021  
Month, Day and Year

**FINAL FORM**

This version of the plan will be considered for action by the Conservation District Board at their July 13, 2021 meeting

June 25, 2021  
MONTH, DAY AND YEAR

## Table of Contents

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- Nutrient Management Plan Summary (Excel)
  - Nutrient Management Plan Summary Notes (Excel)
  - Manure Spreader Calibration Notes (Excel)
  - Additional Nutrient Management Plan Requirements (Word)
  - Operator Management Map (Mapping Program)
- Appendix 1: Nutrient Management Plan Agreement & Responsibilities (Word)
- Appendix 2: Operation Information (Word)
- Appendix 3: Manure Group Information (Excel)
- Appendix 4: Crop & Manure Management Information (Excel)
- Appendix 5: Phosphorus Index (Excel)
- Appendix 6: Manure Management (Word)
- Appendix 7: Stormwater Control (Word)
- Appendix 8: Importer/Broker Agreements & Nutrient Balance Sheets (Word & Excel)
- Appendix 9: Operation Maps (Mapping Program)
  - Topographic Map
  - Soils Map
- Appendix 10: Supporting Information & Documentation (Excel)  
(List below the required documents included in the plan.)



## NMP Summary Notes

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Crop Years 2022

CMU/Field ID	Notes
N/A	

<sup>1</sup> See rate calibration table (Nutrient Management Plan Summary Notes).

<sup>2</sup> Positive numbers = nutrient deficit; Negative numbers = nutrient excess

## Manure Spreader Calibration Notes

Crop Years 2022

1

Manure Application Rate	Manure Spreader Used	Spreader Settings	Tractor Used (if applicable)	Tractor Settings (speed, gear, rpm, pto, etc.)
N/A				Operator does not apply manure

## Nutrient Management Plan Summary

**Total acres reported in NMP Summary:** 0 **Crop Year(s)** 2023

**Whole Farm Note:**

If manure runs out for any field, consult Appendix 4 of the plan for that field. The fertilizer required on any part of the field that does not receive manure can be determined from the 'Net Nutrients Required' for that field.

Fall manure applications require at least 25% cover unless the crop management unit is planted to a cover crop in time to allow for appropriate growth to control runoff until the next growing season, or the manure is injected or mechanically incorporated within 5 days using minimal soil disturbance techniques consistent with no-till farming practices.

**Operation Acres:** 22.6 **Total Acres Available For Nutrient Application Under Operator's Control:** Owned: 0 **Rented:** 0

**Animal Equivalent Units:** 94.44 **Animal Equivalent Units Per Acre:** 94.44

CMU/Field ID	Acres	Crop	Manure Group	Application Season	Application Management	Planned Manure Rate <sup>1</sup>	Starter/Other Fertilizer (lb/A)			Supplemental Fertilizer (lb/A)			Nutrient Balance (lb/A) <sup>2</sup>						
							N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O				
N/A	0																		

<sup>1</sup> See rate calibration table (Nutrient Management Plan Summary Notes).

<sup>2</sup> Positive numbers = nutrient deficit; Negative numbers = nutrient excess

## NMP Summary Notes

---

Crop Years 2023

CMU/Field ID	Notes
N/A	

<sup>1</sup> See rate calibration table (Nutrient Management Plan Summary Notes).  
<sup>2</sup> Positive numbers = nutrient deficit; Negative numbers = nutrient excess



## Manure Spreader Calibration Notes

Crop Years 2023

Manure Application Rate	Manure Spreader Used	Spreader Settings	Tractor Used (if applicable)	Tractor Settings (speed, gear, rpm, pto, etc.)
N/A				Operator does not apply manure



## NMP Summary Notes

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Crop Years 2024

CMU/Field ID	Notes
N/A	

<sup>1</sup> See rate calibration table (Nutrient Management Plan Summary Notes).

<sup>2</sup> Positive numbers = nutrient deficit; Negative numbers = nutrient excess

## Manure Spreader Calibration Notes

Crop Years 2024

Manure Application Rate	Manure Spreader Used	Spreader Settings	Tractor Used (if applicable)	Tractor Settings (speed, gear, rpm, pto, etc.)
N/A				Operator does not apply manure

1

## Additional Nutrient Management Plan Requirements

---

### Manure Management and Stormwater BMP Implementation Summary

Best Management Practice	NRCS Practice Code <sup>1</sup>	BMP Location	Implementation Season & Year
None at this time			

<sup>1</sup> If applicable, enter USDA-NRCS Practice Code. For other non-technical BMPs, leave blank.

#### **In-Field Manure Stacking Procedures**

Manure must be applied to the field within 120 days of stacking or the stacks must be covered. Stacks must be implemented and maintained according to sound BMPs, addressing concerns such as soil type, soil slope, shape of the pile, setbacks, and rotation of piles.

---

There is no in-field manure stacking on this operation. All waste is directed to a lined lagoon.

## **Additional CAFO Requirements**

In-field stacking criteria, winter storage requirements, and other issues identified by DEP's review of the nutrient management plan.

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**CAFO Setbacks** – There should be no land application of manure or agricultural wastewater within 100 ft of surface waters or potential conduits to surface water, or within 35 ft of surface waters or potential conduits to surface waters if there is a vegetated buffer.

**Winter manure spreading** – “Winter” is defined as, any one of the following conditions; December 15<sup>th</sup> to February 28<sup>th</sup>, frozen ground (4 inch depth) or snow-covered ground. Winter setbacks are – No winter manure application within 100 ft of an above ground agricultural drainage inlet where surface flow is toward the inlet, and no winter manure application within 100 ft of a wetland (identified on National Wetland Inventory Maps), within the 100 yr floodplain of an Exceptional Value stream segment if surface flow is toward the wetland, and fields receiving winter manure application must have at least 25% cover or an established cover crop.

**Additional CAFO Requirements** - All feed & supplies are stored in a shed or under roof so as to prevent contact with rainwater or a rain event.

Refer to your PPC plan for emergency response provisions.

**Animal Mortality**- Proper handling of animal mortality is regulated under the PA Domestic Animal Law, PA Dept of Agriculture. Dead animals should be removed AND composted within 48 hours of death.

**Chemical Contaminants** – Proper handling and disposal of chemical contaminants are regulated under the DEP requirements of Preparedness, Prevention and Contingency (PPC) Plan.

**Recordkeeping** – Recordkeeping requirements and monitoring requirements will be included in the NPDES Permit issued for the CAFO.

CAFO permits are to be kept current.

**THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE EMBANKMENT TO THE TOP OF THE MANURE LEVEL ON DECEMBER 15<sup>TH</sup> IS 5.8 FEET OR THE EQUIVALENT SLOPE DISTANCE FROM THE TOP OF EMBANKMENT TO MANURE LEVEL ON DECEMBER 15<sup>TH</sup> IS 11.6 FEET.**

## **Proposed Manure Storage Description**

Type, dimensions, volume, freeboard and location on map.

---

There is no manure storage proposed for this operation.

## Description of Planned Alternative Manure Technology Practices

Type of practice, volume of manure addressed, and result of practice.

---

There are no alternative manure technology practices planned for this operation.

## Exported Manure Summary

Summarize in a short paragraph the arrangements proposed for the manure to be exported from the operation. This information is described in more detail in Appendix 8 of this plan.

---

All manure is exported to a Certified Manure Broker, Jeff Martin.

## Operator Management Map

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Three types of maps are required for an Act 38 Nutrient Management Plan: 1) Topographic Map, 2) Soils Map, and 3) Operator Management Map. The **Operator Management Map** is to be included here in the Nutrient Management Plan Summary and must include field identification, acreage and boundaries, manure application setback areas and buffers and associated landscape features (streams and other water bodies, sinkholes and active water wells), location of existing and proposed structural BMPs (including manure storage facilities), location of existing or proposed emergency manure stacking areas and in-field manure stacking areas, and road names adjacent to and within the operation. All features on the map must be clearly identified and include a legend for setback areas and other features. The Topographic Map and Soils Map must be included in Appendix 9.



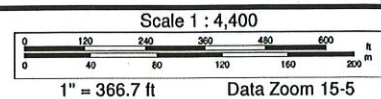
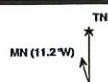
Elam Stoltzfoos Junior  
 552 Mountain Road  
 Dalmatia, PA 17017

Tract 8093 - 322 Hatchery Road  
 Dalmatia, PA 17017

Northumberland County, PA

Nutrient Management Plan

- Property Boundary
- Field Boundary
- 100 ft setback from wells
- 100 ft setback from streams, ponds
- Existing Earthen Waste Storage Pond
- Existing Animal Mortality Incinerator





Appendix 1

Nutrient Management Plan Agreement & Responsibilities

Plan Implementation Requirements

This nutrient management plan has been developed to meet the requirements of the following programs:

Form with checkboxes for Pennsylvania Act 38 of 2005, Pennsylvania CAFO, and Other program.

Plans developed under these programs are required to be implemented as approved in order to maintain compliance with the specific law or program.

The nutrient management plan has been developed as a: (check one)

Form with checkboxes for 1-Year Plan for Crop Year and 3-Year Plan for Crop Years.

Records required to be maintained include the following:

- 1) Annual crop yields
2) Manure and fertilizer application rates, locations and date of application
3) Manure production figures for the various manure groups listed in your plan
4) Soil test reports (testing required every 3 years per crop management unit)
5) Manure test reports (testing required once a year for each manure group)
6) Number of animals on pasture, number of days on pasture, and hours per day on pasture
7) For operations exporting manure, Manure Export Sheets
8) BMP designs and certification for new liquid and semi-solid manure storage facilities

The following has been confirmed:

Form with checkboxes for Verification of Ag E&S Plan, Verification of Existing Site Specific Emergency Response Plan, and No Ag E&S Plan Required.

Verification that owners of rented/leased lands have been notified that a nutrient management plan has been developed which calls for manure to be applied to their lands and that they have no objections to the plan requirements.

Form with checkboxes for Owners Notified and No Rented/Leased Lands.

Specialist Signature

I affirm that the information contained in this nutrient management plan is true, accurate and complete to the best of my knowledge and belief, based on information provided by the operator; that this plan has been developed in accordance with the criteria established for the program(s) indicated above; and that I have presented the final complete plan to the operator and discussed the content and implementation of this plan with the operator, subject to the penalties of 18 Pa.C.S.A. § 4904, relating to unsworn falsification to authorities.

Specialist Signature

Handwritten signature: Diani Comrey

Date

Handwritten date: 3/24/21

### Operator Signature

I understand and agree that I will implement the practices, procedures and record keeping obligations as outlined in this plan in order to protect water quality and address the nutrient needs of the crops associated with the operation. I agree that if I use a commercial hauler or broker for the application or export of manure, that only haulers or brokers that hold a valid certification issued by the Pa Department of Agriculture, under Act 49 of 2004, will be used. I affirm that all information provided in this nutrient management plan is true, accurate and complete to the best of my knowledge and belief, and reflects the current and planned activities of the operation; and that, if this plan was completed by a nutrient management specialist, I have reviewed the final completed plan and the specialist has discussed the content and implementation of this plan with me, subject to the penalties of 18 Pa.C.S.A. § 4904, relating to unsworn falsification to authorities.

Operator Signature



Operator Title

owner

Date

3-24-21

## Appendix 2

### Operation Information

---

#### **Operation Description**

Animal types and numbers; cropland, hayland and pastureland acreage; farmstead acreage; crop rotation (crops, sequence of crops, and number of years for each crop); manure group management (contributing animal groups, collection, storage and handling procedures); composting (including mortality) management.

---

This is an existing duck operation consisting of 18,800 ducks. Two duck barns are present, each with a starter side and a finisher side. Each barn consists of 9,400 ducklings on the starter side for 14 days. The ducklings are then moved to the finisher side for 25 days. Each duckling is on the operation for 39 days. A new flock is introduced to the starter side every 4 weeks. This operation raises approximately 13 flocks a year.

There are approximately 22.6 acres to this operation, of which 9.7 acres are farmstead, 12.9 acres are cropland rented out to Alvin Shaffer, and 0 acres pasture and hayland. Cropland is rented to a neighboring farm.

All manure from both the starter and finisher side of the building is directed to the existing manure pit through a gravity flow system that remains open. This waste storage facility is bottom-loaded (pipe exits mid-level in the pit). This is approximately 90% emptied in the spring and fall, but manure is also removed during the year as importers request manure. The waste storage is agitated completely prior to unloading, this takes approximately 30 minutes. If a full day of spreading is undertaken then periodically throughout the day the manure is agitated for a total of 1 hour. The manure is unloaded to the trucks by pump. Spring manure group consists of starter and finisher manure. Fall manure group consists of starter and finisher manure. 975,000 gallons of manure are produced in both spring and fall for a total of 1,950,000 gallons annually.

Animal mortality is handled through on-site incineration. The incinerator is located northeast of the poultry barns. The resulting ash is added to the waste storage facility. The incinerator is emptied once a month with resulting ash equaling approximately 300-400 lbs a month.

#### **County(s)**

---

Northumberland County / Lower Mahanoy Township

#### **Name of Receiving Stream(s)/Watershed(s)**

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Tributary to and/or Mahantango Creek – WWF (Warm Water Fish)

#### **Notation of Special Protection Waters**

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None

## **Operation Acres**

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Total Acres: 22.6

### **Total Acres Available for Nutrient Application Under Operator's Control**

Owned: 0

Rented: 0

## **Names & Addresses of Owners of Rented or Leased Land and/or Facilities**

---

N/A

## **Existing Manure Storages & Capacity**

Type of storage, dimensions, useable capacity, freeboard, top or bottom loaded, dimensions and description of contributing runoff area, description of wastewater additions, types and amounts of bedding. Briefly describe, for each manure group, manure storage management during removal (degree of agitation, method of manure removal, extent the storage is emptied, type of unremoved manure, etc.) and manure sampling procedures.

---

Currently, there is an HDPE-lined earthen manure storage structure on this operation with dimensions 100'X185'X14' deep. Usable capacity of this storage, after 1 ft required CAFO freeboard plus 5.5 inches 25 yr storm required freeboard, is 1,010,869 gallons. This structure receives all duck manure and duck house wash-down water. All manure from both the starter and finisher sides of the buildings are directed to the existing manure pit through a gravity flow system that remains open. The ash from the on-site incinerator is also added to the waste storage facility. This waste storage facility is bottom-loaded (pipe exits mid-level in the pit). This is approximately 90% emptied in the spring and fall, but manure is also removed during the year as importers request manure. The waste storage is agitated completely prior to unloading, this takes approximately 30 minutes. If a full day of spreading is undertaken then periodically throughout the day the manure is agitated for a total of 1 hour. The manure is unloaded to the trucks by pump. Spring manure group consists of starter and finisher manure. Fall manure group consists of starter and finisher manure. The reception pit beneath each poultry house is 450 ft long X 45 ft wide X 1.5 ft deep. Each provides usable capacity of 227,205 gallons.

## **Manure Application Equipment Capacity & Practical Application Rates**

Description of application equipment, practical application rates based on calibration and calibration method used, the data recorded during equipment calibration is to be retained on the farm. If applicable, name and Act 49 certification number of custom applicator.

---

This operator does not land apply manure.

Appendix 3 Manure Group Information Crop Yrs. 2022	Spring Duck		Fall Duck	
	Manure Report Date (note if averaging several reports)	Waypoint	Manure Type	Manure Unit (lbs/ton or 1000 gal)
Manure Report Date (note if averaging several reports)	May 11, 2021	Waypoint	Poultry	lb/1000 gal
Laboratory Name		Waypoint		
Manure Type		Poultry		
Manure Unit (lbs/ton or 1000 gal)				30.00
Total Nitrogen (N) (lbs/ton or 1000 gal)				23.00
Ammonium N (NH <sub>4</sub> -N) (lbs/ton or 1000 gal)				7.00
Total Organic N (lbs/ton or 1000 gal)			See to NMP Index	17.80
Total Phosphate (P <sub>2</sub> O <sub>5</sub> ) (lbs/ton or 1000 gal)			See to Appendix 3 Input	14.10
Total Potash (K <sub>2</sub> O) (lbs/ton or 1000 gal)			See to Manure Ave Input	2.80
Percent Solids			Grazing Calculator	0.80
PSC Value (analytical or book value)				97.20
Percent Moisture				47.09
Manure Group AEU's				
Description: Site & Season Applied	Spring Duck	Spring	Fall Duck	Fall
Inventory Method	Records	Records	Records	Records
	Collected Calc.	Uncollected Calc.	Collected Calc.	Uncollected Calc.
Manure Group Identification	Spring Duck		Fall Duck	
CALCULATED: Total Manure Collected Per Manure Group	0.0 gallons		0.0 gallons	
RECORDS: Total Manure Collected Per Manure Group	975,000.0 gallons		975,000.0 gallons	
Manure Used On-Farm	Collected 0.0 Gallons	Uncollected 0.0	Collected 0.0 Gallons	Uncollected 0.0
Manure Exported	975,000.0 gallons		975,000.0 gallons	
Manure Allocation Balance	0.0 Gallons	0.0	0.0 Gallons	0.0
Manure Balance as a Percent of Total Manure Collected	0.0%		0.0%	
Total Rainfall and Runoff	0 gallons		0 gallons	

Appendix 3 Manure Group Information Crop Yrs. 2022	Spring Duck		Fall Duck	
	Manure Generation per Animal Group	Uncollected Manure: Nutrient Analysis Book Values	Manure Generation per Animal Group	Uncollected Manure: Nutrient Analysis Book Values
<b>Animal Group 1</b>	<b>Spring Starters</b>		<b>Fall Starters</b>	
Animal Type	Duck, starter: 0-17 days		Duck, starter: 0-17 days	
Animal Number	18800		18800	
Animal Weight	1.36 lbs		1.36 lbs	
Animal Group AUs	25.57 AUs		25.57 AUs	
Animal Group AEU's	6.37 AEU's		6.37 AEU's	
Daily Manure Production per AU	13.0 gal		13.0 gal	
Total Days Manure Produced	91 days		91 days	
Total Manure Produced	Records		Records	
Days On Pasture	0 days		0 days	
Hours Per Day On Pasture	0 hrs		0 hrs	
Total Bedding	Records		Records	
Total Washwater	Records		Records	
CALCULATED - Total Uncollected Manure Per Animal Group	Records		Records	
CALCULATED-Total Manure Collected Per Animal Group	Records		Records	
<b>Animal Group 2</b>	<b>Spring Finishers</b>		<b>Fall Finishers</b>	
Animal Type	Duck, finisher: 17-38 days		Duck, finisher: 17-38 days	
Animal Number	18800		18800	
Animal Weight	4.88 lbs		4.88 lbs	
Animal Group AUs	91.74 AUs		91.74 AUs	
Animal Group AEU's	40.97 AEU's		40.72 AEU's	
Daily Manure Production per AU	13.0 gal		13.0 gal	
Total Days Manure Produced	163 days		162 days	
Total Manure Produced	Records		Records	
Days On Pasture	0 days		0 days	
Hours Per Day On Pasture	0 hrs		0 hrs	
Total Bedding	Records		Records	
Total Washwater	Records		Records	
CALCULATED - Total Uncollected Manure Per Animal Group	Records		Records	
CALCULATED-Total Manure Collected Per Animal Group	Records		Records	

App. 4: Crop Yrs. 2022		N/A	
CMU/Field ID			
Acres		0.0	
Soil Test Report Date			
Laboratory Name			
Soil Test Levels (Mehlich-3 P & K) (Show conversions to ppm in Appendix 10)		ppm P	ppm K pH
P Index Parr A Evaluation			
Part A Result			
Crop			
Planned Yield			
PSU Soil Test Recommendation (lb/A)		N	P205 K20
User Soil Test Recommendation (lb/A)			
Other Nutrients Applied (lb/A) (Nutrients applied regardless of manure)			
P Index Application Method			
Double Crop Carryover N (lb/A)	0		
Manure History Description			
Residual Manure N (lb/A)			
Legume History Description			
Residual Legume N (lb/A)	0		
Net Nutrients Required (lb/A)			
Manure Group			
Application Season: Management (Incorporation, cover crops, etc.)			
Availability Factors (Total N or NH4-N & Organic N)		Total N	NH4-N Org. N
P Index Application Method			
N Balanced Manure Rate (ton; gal/A)			
P Removal Balance Manure Rate (ton or gal/A; If required by P Index)			
P Index Value		Crop P Removal (lb/A) #VALUE!	
Planned Manure Rate (ton or gal/A)		<b>No Manure Applied</b>	
Nutrients Applied at Planned Manure Rate (lb/A)	0	0	0
Nutrient Balance after Manure			
Supplemental Fertilizer (lb/A)	0	0	0
P Index Application Method			
Final Nutrient Balances (lb/A)	0		
Multiple Application			
Manure Utilized on CMU			

<b>PART A: SCREENING TOOL</b> Is the CMU in a Special Protection watershed? Is there a significant farm management change as defined by Act 38? Soil Test Mehlich 3 P greater than 200 ppm P? Contributing Distance from CMU to receiving water <150 ft.? Is winter manure application planned for this field? Run P Index Part B voluntarily? (No to all Part A questions.)	<b>PART A: SCREENING TOOL</b> Is the CMU in a Special Protection watershed? Is there a significant farm management change as defined by Act 38? Is the Soil Test Mehlich 3 P greater than 200 ppm P? (enter soil test value in ppm P) Is the Contributing Distance from this CMU to receiving water less than 150 ft.? Is winter manure application planned for this field? Run P Index Part B voluntarily? (Answers are No to all Part A questions.)	<b>CMU/Field ID</b>
--	---	---------------------

<b>PART B: SOURCE FACTORS:</b> Mehlich 3 Soil Test P (ppm P)	Mehlich 3 Soil Test P (ppm P)
<b>Soil Test Rating = 0.20* Mehlich 3 Soil Test P (ppm P)</b>	
FERTILIZER P APPLIED REGARDLESS OF MANURE (Starter or other)	Fertilizer P (lb P2O5/acre)
P INDEX APPLICATION METHOD OF FERTILIZER P APPLIED REGARDLESS OF MANURE <sup>2</sup>	0.2 Placed or injected 2' or more deep 0.4 Incorporated <1 week following application 0.6 Incorporated >1 week or not incorporated following application in April - October 0.8 Incorporated >1 week or not incorporated following application in Nov. - March 1.0 Surface applied to frozen or snow covered soil
SUPPLEMENTAL P FERTILIZER	Fertilizer P (lb P2O5/acre)
P INDEX APPLICATION METHOD OF SUPPLEMENTAL P FERTILIZER <sup>3</sup>	0.2 Placed or injected 2' or more deep 0.4 Incorporated <1 week following application in April - October 0.6 Incorporated >1 week or not incorporated following application in Nov. - March 1.0 Surface applied to frozen or snow covered soil

<b>Fertilizer Rating = Fertilizer Rate x Fertilizer Application Method</b>	
MANURE P RATE	Manure P (lb P2O5/acre)
MANURE APPLICATION METHOD <sup>3</sup>	0.2 Placed or injected 2' or more deep 0.4 Incorporated <1 week following application in April - October 0.6 Incorporated >1 week or not incorporated following application in Nov. - March 1.0 Surface applied to frozen or snow covered soil
P SOURCE COEFFICIENT <sup>3</sup>	Refer to: Test results for P Source Coefficient OR Book values from P Index Fact Sheet Table 1

<b>Manure Rating = Manure Rate x Manure Application Method x P Source Coefficient</b>	
<b>Source Factor Sum</b>	
<b>PART B: TRANSPORT FACTORS</b>	Soil Loss (ton/acre/yr)
EROSION	
RUNOFF POTENTIAL	0 Drainage Class is Excessively None
SUBSURFACE DRAINAGE	2 Drainage Class is Somewhat Excessively 4 Well/Moderately Well 1 Random
CONTRIBUTING DISTANCE	0 > 500 ft. 2 350 to 500 ft. 4 200 to 349 ft.
TRANSPORT SUM = Erosion + Runoff Potential + Subsurface Drainage + Contributing Distance	0.85 50 ft. Riparian Buffer APPLIES TO DIST < 100 FT
MODIFIED CONNECTIVITY	1.0 Grassed Waterway or None 1.1 Direct Connection APPLIES TO DIST > 100 FT

<b>Transport Sum x Modified Connectivity / 24</b>	
<b>P Index Value = 2 x Source x Transport</b>	
Low: 59 or less Nitrogen based management	Medium: 60 to 79 Nitrogen based management
High: 80 to 99 Phosphorus limited to crop removal	Very High: 100 or greater No Phosphorus applied

1 OR rapidly permeable soil near a stream  
2 "9" factor does not apply to fields receiving manure with a 35 ft. buffer.  
3 Error Note: if there is a manure or fertilizer rate and there is no corresponding method factor or PSC, it will display an "E".



Appendix 3 Manure Group Information Crop Yrs. 2023	Spring Duck		Fall Duck	
	Manure Report Date (note if averaging several reports)	Waypoint	Manure Report Date	Waypoint
Laboratory Name	May 11, 2021	Waypoint	May 11, 2021	Waypoint
Manure Type	Poultry	Poultry	Poultry	Poultry
Manure Unit (lbs/ton or 1000 gal)	lb/1000 gal	lb/1000 gal	lb/1000 gal	lb/1000 gal
Total Nitrogen (N) (lbs/ton or 1000 gal)	30.00	30.00	30.00	30.00
Ammonium N (NH <sub>4</sub> -N) (lbs/ton or 1000 gal)	23.00	23.00	23.00	23.00
Total Organic N (lbs/ton or 1000 gal)	7.00	7.00	7.00	7.00
Total Phosphate (P <sub>2</sub> O <sub>5</sub> ) (lbs/ton or 1000 gal)	17.80	17.80	17.80	17.80
Total Potash (K <sub>2</sub> O) (lbs/ton or 1000 gal)	14.10	14.10	14.10	14.10
Percent Solids	2.80	2.80	2.80	2.80
PSC Value (analytical or book value)	0.80	0.80	0.80	0.80
Percent Moisture	97.20	97.20	97.20	97.20
Manure Group AEU's	47.35	47.35	47.09	47.09
Description: Site & Season Applied	Spring Duck	Spring	Fall Duck	Fall
Inventory Method	Records	Records	Records	Records
	Collected Calc.	Uncollected Calc.	Collected Calc.	Uncollected Calc.
Manure Group Identification	Spring Duck		Fall Duck	
CALCULATED: Total Manure Collected Per Manure Group	0.0		0.0	
Units	gallons		gallons	
RECORDS: Total Manure Collected Per Manure Group	975,000.0		975,000.0	
Unit	gallons		gallons	
Manure Used On-Farm	Collected 0.0	Uncollected 0.0	Collected 0.0	Uncollected 0.0
Units	Gallons		Gallons	
Manure Exported	975,000.0		975,000.0	
Units	gallons		gallons	
Manure Allocation Balance	0.0	0.0	0.0	0.0
Units	Gallons		Gallons	
Manure Balance as a Percent of Total Manure Collected	0.0%		0.0%	
Total Rainfall and Runoff	0		0	
	gallons		gallons	

Appendix 3 Manure Group Information Crop Yrs. 2023	Spring Duck		Fall Duck	
	Manure Generation per Animal Group	Uncollected Manure: Nutrient Analysis Book Values	Manure Generation per Animal Group	Uncollected Manure: Nutrient Analysis Book Values
<b>Animal Group 1</b>	<b>Spring Starters</b>		<b>Fall Starters</b>	
Animal Type	Duck, starter: 0-17 days		Duck, starter: 0-17 days	
Animal Number	18800		18800	
Animal Weight	1.36 lbs		1.36 lbs	
Animal Group AUs	25.57 AUs		25.57 AUs	
Animal Group AEU's	6.37 AEU's		6.37 AEU's	
Daily Manure Production per AU	13.0 gal		13.0 gal	
Total Days Manure Produced	91 days		91 days	
Total Manure Produced	Records		Records	
Days On Pasture	0 days		0 days	
Hours Per Day On Pasture	0 hrs		0 hrs	
Total Bedding	Records		Records	
Total Washwater	Records		Records	
CALCULATED - Total Uncollected Manure Per Animal Group	Records		Records	
CALCULATED-Total Manure Collected Per Animal Group	Records		Records	
<b>Animal Group 2</b>	<b>Spring Finishers</b>		<b>Fall Finishers</b>	
Animal Type	Duck, finisher: 17-38 days		Duck, finisher: 17-38 days	
Animal Number	18800		18800	
Animal Weight	4.88 lbs		4.88 lbs	
Animal Group AUs	91.74 AUs		91.74 AUs	
Animal Group AEU's	40.97 AEU's		40.72 AEU's	
Daily Manure Production per AU	13.0 gal		13.0 gal	
Total Days Manure Produced	163 days		162 days	
Total Manure Produced	Records		Records	
Days On Pasture	0 days		0 days	
Hours Per Day On Pasture	0 hrs		0 hrs	
Total Bedding	Records		Records	
Total Washwater	Records		Records	
CALCULATED - Total Uncollected Manure Per Animal Group	Records		Records	
CALCULATED-Total Manure Collected Per Animal Group	Records		Records	

App. 4: Crop Yrs. 2023		N/A	
CMU/Field ID	N/A		
Acres	0.0		
Soil Test Report Date			
Laboratory Name			
Soil Test Levels (Mehlich-3 P & K) (Show conversions to ppm in Appendix 10)	ppm P	ppm K	pH
P Index Part A Evaluation			
Part A Result			
Crop			
Planned Yield			
PSU Soil Test Recommendation (lb/A)	N	P205	K20
User-Soil Test Recommendation (lb/A)			
Other Nutrients Applied (lb/A) (Nutrients applied regardless of manure)			
P Index Application Method			
Double Crop Carryover N (lb/A)	0		
Manure History Description Residual Manure N (lb/A)			
Legume History Description Residual Legume N (lb/A)	0		
Net Nutrients Required (lb/A)			
Manure Group			
Application Season: Management (Incorporation, cover crops, etc.)			
Availability Factors (Total N or NH4-N & Organic N)	Total N	NH4-N	Org. N
P Index Application Method			
N Balanced Manure Rate (ton; gal/A)			
P Removal Balance Manure Rate (ton or gal/A; if required by P Index)			
P Index Value	Crop P Removal (lb/A) #VALUE!		
Planned Manure Rate (ton or gal/A)	<b>No Manure Applied</b>		
Nutrients Applied at Planned Manure Rate (lb/A)	0	0	0
Nutrient Balance after Manure			
Supplemental Fertilizer (lb/A)	0	0	0
P Index Application Method			
Final Nutrient Balance (lb/A)	0		
Multiple Application			
Manure Utilized on CMU			

Appendix 5 - P Index

No P Index Part B fields in this Plan

Go to NMP Index

Crop Yrs. 2023

Pennsylvania P Index Version 2

Go to App 4 Input

PART A: SCREENING TOOL CMU/Field ID		PART A: SCREENING TOOL		CMU/Field ID					
Is the CMU in a Special Protection watershed?		Is the CMU in a Special Protection watershed?		If the answer is Yes to any of these questions, Part B must be used.					
Is there a significant farm management change as defined by Act 38?		Is there a significant farm management change as defined by Act 38?							
Soil Test Mehlich 3 P greater than 200 ppm P?		Is the Soil Test Mehlich 3 P greater than 200 ppm P? (enter soil test value in ppm P)							
Contributing Distance from CMU to receiving water <150 ft.?		Is the Contributing Distance from this CMU to receiving water less than 150 ft.?							
Is winter manure application planned for this field?		Is winter manure application planned for this field?		Run P Index Part B voluntarily? (Answers are No to all Part A questions.)					
Run P Index Part B voluntarily? (No to all Part A questions.)		Run P Index Part B voluntarily? (Answers are No to all Part A questions.)							
PART B: SOURCE FACTORS: Mehlich 3 Soil Test P (ppm P)		Mehlich 3 Soil Test P (ppm P)							
Soil Test Rating = 0.20* Mehlich 3 Soil Test P (ppm P)									
FERTILIZER P APPLIED REGARDLESS OF MANURE (Starter or other)									
0.2	Placed or injected 2' or more deep	0.4	Incorporated <1 week following application	0.6	Incorporated >1 week or not incorporated following application in April - October	0.8	Incorporated >1 week or not incorporated following application in Nov. - March	1.0	Surface applied to frozen or snow covered soil
SUPPLEMENTAL P FERTILIZER									
0.2	Placed or injected 2' or more deep	0.4	Incorporated <1 week following application	0.6	Incorporated >1 week or not incorporated following application in April - October	0.8	Incorporated >1 week or not incorporated following application in Nov. - March	1.0	Surface applied to frozen or snow covered soil
P INDEX APPLICATION METHOD OF SUPPLEMENTAL P FERTILIZER <sup>3</sup>									
Fertilizer Rating = Fertilizer Rate x Fertilizer Application Method									
MANURE P RATE									
0.2	Placed or injected 2' or more deep	0.4	Incorporated <1 week following application	0.6	Incorporated >1 week or not incorporated following application in April - October	0.8	Incorporated >1 week or not incorporated following application in Nov. - March	1.0	Surface applied to frozen or snow covered soil
MANURE APPLICATION METHOD <sup>3</sup>									
P SOURCE COEFFICIENT <sup>3</sup>									
Refer to: Test results for P Source Coefficient OR Book values from P Index Fact Sheet Table 1									
Manure Rating = Manure Rate x Manure Application Method x P Source Coefficient									
Source Factor Sum									
PART B: TRANSPORT FACTORS									
EROSION									
0	Drainage Class is Excessively	2	Drainage Class is Somewhat Excessively	4	Drainage Class is Well/Moderately Well	6	Drainage Class is Somewhat Poorly	8	Drainage Class is Poorly/Very Poorly
0	None	1	Random	1	Random	2	Patterned	2	Patterned
0	> 500 ft.	2	350 to 500 ft.	4	200 to 349 ft.	6	100 to 199 ft. OR < 100 ft. with 35 ft. buffer	9	< 100 ft.
Transport Sum = Erosion + Runoff Potential + Subsurface Drainage + Contributing Distance									
MODIFIED CONNECTIVITY									
0.85	50 ft. Riparian Buffer	APPLIES TO DIST < 100 FT			1.0	Grassed Waterway or None	1.1	Direct Connection APPLIES TO DIST > 100 FT	
Transport Sum x Modified Connectivity / 24									
P Index Value = 2 x Source x Transport									

Low: 59 or less  
Nitrogen based management

Medium: 60 to 79  
Nitrogen based management

High: 80 to 99  
Phosphorus limited to crop removal

Very High: 100 or greater  
No Phosphorus applied

1 OR rapidly permeable soil near a stream

2 "9" factor does not apply to fields receiving manure with a 35 ft. buffer.

3 Error Note: If there is a manure or fertilizer rate and there is no corresponding method factor or PSC, it will display an "E".

Appendix 3 Manure Group Information Crop Yrs. 2024	Spring Duck		Fall Duck	
	Manure Report Date (note if averaging several reports)	Waypoint	Manure Unit (lbs/ton or 1000 gal)	Waypoint
Laboratory Name	May 11, 2021	Waypoint		May 11, 2021
Manure Type		Poultry		Poultry
Manure Unit (lbs/ton or 1000 gal)		lb/1000 gal		lb/1000 gal
Total Nitrogen (N) (lbs/ton or 1000 gal)		30.00		30.00
Ammonium N (NH <sub>4</sub> -N) (lbs/ton or 1000 gal)		23.00		23.00
Total Organic N (lbs/ton or 1000 gal)		7.00	Scale NIMP Index	7.00
Total Phosphate (P <sub>2</sub> O <sub>5</sub> ) (lbs/ton or 1000 gal)		17.80	Scale Appendix 3 Input	17.80
Total Potash (K <sub>2</sub> O) (lbs/ton or 1000 gal)		14.10	Scale Manure Ave Input	14.10
Percent Solids		2.80	Grazing Calculator	2.80
PSC Value (analytical or book value)		0.80		0.80
Percent Moisture		97.20		97.20
Manure Group AEU's		47.35		47.09
Description: Site & Season Applied	Spring Duck	Spring	Spring Duck	Fall Duck
Inventory Method	Records	Records	Records	Records
	Collected Calc.	Uncollected Calc.	Collected Calc.	Uncollected Calc.
Manure Group Identification	Spring Duck		Fall Duck	
CALCULATED: Total Manure Collected Per Manure Group	0.0		0.0	
Units	gallons		gallons	
RECORDS: Total Manure Collected Per Manure Group	975,000.0		975,000.0	
Unit	gallons		gallons	
Manure Used On-Farm	Collected	Uncollected	Collected	Uncollected
Units	0.0	0.0	0.0	0.0
Units	Gallons	Gallons	Gallons	Gallons
Manure Exported	975,000.0		975,000.0	
Units	gallons		gallons	
Manure Allocation Balance	0.0	0.0	0.0	0.0
Units	Gallons	Gallons	Gallons	Gallons
Manure Balance as a Percent of Total Manure Collected	0.0%		0.0%	
Total Rainfall and Runoff	0		0	
	gallons		gallons	

Appendix 3 Manure Group Information Crop Yrs. 2024	Spring Duck		Fall Duck	
	Manure Generation per Animal Group	Uncollected Manure: Nutrient Analysis Book Values	Manure Generation per Animal Group	Uncollected Manure: Nutrient Analysis Book Values
<b>Animal Group 1</b>	<b>Spring Starters</b>		<b>Fall Starters</b>	
Animal Type	Duck, starter: 0-17 days		Duck, starter: 0-17 days	
Animal Number	18800		18800	
Animal Weight	1.36 lbs		1.36 lbs	
Animal Group AUs	25.57 AUs		25.57 AUs	
Animal Group AEU's	6.37 AEU's		6.37 AEU's	
Daily Manure Production per AU	13.0 gal		13.0 gal	
Total Days Manure Produced	91 days		91 days	
Total Manure Produced	Records		Records	
Days On Pasture	0 days		0 days	
Hours Per Day On Pasture	0 hrs		0 hrs	
Total Bedding	Records		Records	
Total Washwater	Records		Records	
CALCULATED - Total Uncollected Manure Per Animal Group				
CALCULATED-Total Manure Collected Per Animal Group	Records		Records	
<b>Animal Group 2</b>	<b>Spring Finishers</b>		<b>Fall Finishers</b>	
Animal Type	Duck, finisher: 17-38 days		Duck, finisher: 17-38 days	
Animal Number	18800		18800	
Animal Weight	4.88 lbs		4.88 lbs	
Animal Group AUs	91.74 AUs		91.74 AUs	
Animal Group AEU's	40.97 AEU's		40.72 AEU's	
Daily Manure Production per AU	13.0 gal		13.0 gal	
Total Days Manure Produced	163 days		162 days	
Total Manure Produced	Records		Records	
Days On Pasture	0 days		0 days	
Hours Per Day On Pasture	0 hrs		0 hrs	
Total Bedding	Records		Records	
Total Washwater	Records		Records	
CALCULATED - Total Uncollected Manure Per Animal Group				
CALCULATED-Total Manure Collected Per Animal Group	Records		Records	

<b>App. 4: Crop Yrs. 2024</b>		N/A	
CMU/Field ID			
Acres	0.0		
Soil Test Report Date			
Laboratory Name			
Soil Test Levels (Mehlich-3 P & K) (Show conversions to ppm in Appendix 10)	ppm P	ppm K	pH
P Index Part A Evaluation Part A Result			
Crop			
Planned Yield			
PSU Soil Test Recommendation (lb/A)	N	P2O5	K2O
User Soil Test Recommendation (lb/A)			
Other Nutrients Applied (lb/A) (Nutrients applied regardless of manure)			
P Index Application Method			
Double Crop CarryOver N (lb/A)	0		
Manure History Description Residual Manure N (lb/A)			
Legume History Description Residual Legume N (lb/A)	0		
Net Nutrients Required (lb/A)			
Manure Group			
Application Season: Management (Incorporation, cover crops, etc.)			
Availability Factors (Total N or NH4-N & Organic N)	Total N	NH4-N	Org. N
P Index Application Method			
N Balanced Manure Rate (ton; gal/A)			
P Removal Balance Manure Rate (ton or gal/A; if required by P Index)			
P Index Value	Crop P Removal (lb/A) #VALUE!		
Planned Manure Rate (ton or gal/A)	<b>No Manure Applied</b>		
Nutrients Applied at Planned Manure Rate (lb/A)	0	0	0
Nutrient Balance after Manure			
Supplemental Fertilizer (lb/A)	0	0	0
P Index Application Method			
Final Nutrient Balance (lb/A)	0		
Multiple Application			
Manure Utilized on CMU			

<b>PART A: SCREENING TOOL</b> Is the CMU in a Special Protection watershed? Is there a significant farm management change as defined by Act 38? Soil Test Mehlich 3 P greater than 200 ppm P? Contributing Distance from CMU to receiving water <150 ft.? Is winter manure application planned for this field?	<b>PART A: SCREENING TOOL</b> Is the CMU in a Special Protection watershed? Is there a significant farm management change as defined by Act 38? Soil Test Mehlich 3 P greater than 200 ppm P? (enter soil test value in ppm P) Is the Contributing Distance from this CMU to receiving water less than 150 ft.? Is winter manure application planned for this field? Run P Index Part B voluntarily? (Answers are No to all Part A questions.)	<b>CMU/Field ID</b>
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<b>PART B: SOURCE FACTORS:</b> Mehlich 3 Soil Test P (ppm P)	Mehlich 3 Soil Test P (ppm P)
<b>Soil Test Rating = 0.20* Mehlich 3 Soil Test P (ppm P)</b>	
<b>FERTILIZER P APPLIED REGARDLESS OF MANURE (Starter or other)</b>	Fertilizer P (lb P2O5/acre)
P INDEX APPLICATION METHOD OF FERTILIZER P APPLIED REGARDLESS OF MANURE <sup>3</sup>	0.2 Placed or injected 2" or more deep 0.4 Incorporated > 1 week following application 0.6 Incorporated > 1 week or not incorporated following application in April - October 0.8 Incorporated > 1 week or not incorporated following application in Nov. - March 1.0 Surface applied to frozen or snow covered soil
SUPPLEMENTAL P FERTILIZER	Fertilizer P (lb P2O5/acre)
P INDEX APPLICATION METHOD OF SUPPLEMENTAL P FERTILIZER <sup>3</sup>	0.2 Placed or injected 2" or more deep 0.4 Incorporated < 1 week following application 0.6 Incorporated > 1 week or not incorporated following application in April - October 0.8 Incorporated > 1 week or not incorporated following application in Nov. - March 1.0 Surface applied to frozen or snow covered soil

<b>Fertilizer Rating = Fertilizer Rate x Fertilizer Application Method</b>	
MANURE P RATE	Manure P (lb P2O5/acre)
MANURE APPLICATION METHOD <sup>3</sup>	0.2 Placed or injected 2" or more deep 0.4 Incorporated < 1 week following application 0.5 Incorporated > 1 week or not incorporated following application in April - October 0.8 Incorporated > 1 week or not incorporated following application in Nov. - March 1.0 Surface applied to frozen or snow covered soil
P SOURCE COEFFICIENT <sup>3</sup>	Refer to: Test results for P Source Coefficient OR Book values from P Index Fact Sheet Table 1

**Manure Rating = Manure Rate x Manure Application Method x P Source Coefficient**

<b>SOURCE FACTOR SUM</b>	
<b>PART B: TRANSPORT FACTORS</b> EROSION	Soil Loss (ton/acre/yr)
RUNOFF POTENTIAL	0 Drainage Class is Excessively 1 None 2 Drainage Class is Somewhat Excessively 4 Drainage Class is Well/Moderately Well 6 Drainage Class is Somewhat Poorly 8 Drainage Class is Poorly/Very Poorly
SUBSURFACE DRAINAGE	0 None 1 Random 2 Drainage Class is Somewhat Excessively 4 200 to 349 ft. 6 100 to 199 ft. OR < 100 ft. with 35 ft. buffer 8 Patterned
CONTRIBUTING DISTANCE	0 > 500 ft. 2 350 to 500 ft. 4 200 to 349 ft. 6 100 to 199 ft. OR < 100 ft. with 35 ft. buffer 8 < 100 ft.
<b>Transport Sum = Erosion + Runoff Potential + Subsurface Drainage + Contributing Distance</b>	0.85 50 ft. Riparian Buffer APPLIES TO DIST < 100 FT
MODIFIED CONNECTIVITY	1.0 Grassed Waterway or None 1.1 Direct Connection APPLIES TO DIST > 100 FT

**Transport Sum x Modified Connectivity / 24**

**P Index Value = 2 x Source x Transport**

Low: 59 or less  
Nitrogen based management

Medium: 60 to 79  
Nitrogen based management

High: 80 to 99  
Phosphorus limited to crop removal

Very High: 100 or greater  
No Phosphorus applied

1 OR rapidly permeable soil near a stream  
2 '9' factor does not apply to fields receiving manure with a 35 ft. buffer.  
3 Error Note: if there is a manure or fertilizer rate and there is no corresponding method factor or PSC, it will display an "E".



**Appendix 6**  
**Manure Management**

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**Date of Site Evaluation:** December 15, 2020

**Statement Documenting Areas Evaluated During Site Evaluation**

List and clearly identify each of the specific areas evaluated.

---

All areas relating to manure management were evaluated during this site visit, including poultry houses, feed storage and manure storage pond areas. Also evaluated was the animal mortality incineration area. There are no barnyards or ACAs on this duck operation.

**Identification of Inadequate Manure Management Practices and Conditions**

List of each specific inadequate manure management practice or condition identified.

---

None at this time

**BMPs to Address Manure Management Problem Areas**

List of specific BMPs (including PA Technical Guide standard name and number) and management changes that will be implemented to address each of the inadequate practices listed above.

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None at this time

**Appendix 7**  
**Stormwater Control**

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**Date of Site Evaluation:** December 15, 2020

**Statement Documenting Areas Evaluated During Site Evaluation**

List and clearly identify each of the specific areas evaluated.

---

All areas relating to stormwater control were evaluated during this site visit, including around poultry houses and down gradient areas from poultry houses and manure storage. Near-stream areas were re-evaluated for vegetative buffer. There is no pasture on this duck operation.

**Identification of Critical Runoff Problem Areas**

List of each specific critical runoff problem area identified.

---

None at this time

**BMPs to Address Critical Runoff Problem Areas**

List of BMPs (including PA Technical Guide standard name and number) and specific management changes that will be implemented to address each of the critical runoff problem areas listed above.

---

None at this time

**Appendix 8**  
**Importer/Broker Agreements & NBSs**

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Nutrient Balance Sheets are not required for importers that have an approved Nutrient Management Plan.

Importer/Broker Agreement is included for Jeff Martin.

## Exporter/Broker Agreement

*Developed consistent with the PA Nutrient and Odor Management Act Program*

- 1) This agreement is entered into on December 19, 2018, by Elam B. Stoltzfoos Jr. (the "exporter") who will supply manure, and Jeff Martin (the "broker") who will receive the manure from the exporter.
- 2) The purpose of this agreement is to set forth the mutual responsibilities and understanding of the parties with respect to the export of manure from the exporter to the broker.
- 3) The exporter is located at (county, twp, and address): 322 Hatchery Road, Dalmatia, PA 17017 Northumberland County, Lower Mahanoy Township
- 4) The exporter will, as the supply of manure allows, provide the following amounts of manure during the seasons outlined below:

**Tons of** N/A **(Species) manure, per season:**  
Spring \_\_\_\_\_ Summer \_\_\_\_\_ Fall \_\_\_\_\_ Winter \_\_\_\_\_

**Gallons of** Duck manure **(Species) manure, per season:**  
Spring 975,000 Summer 975,000 Fall 975,000 Winter \_\_\_\_\_

**Total planned manure exported: (supply of manure may be less than what is planned)**

Tons of N/A (Species) manure: \_\_\_\_\_  
Gallons of Duck manure (Species) manure: 1,950,000

*If multi-species are planned, please add additional lines:*

- 5) The broker's contact information is as follows:
  - a) Name: Jeff Martin, Lykens Valley Spreading LLC
  - b) Address: PO Box 23, Pillow, PA 17080
  - c) Telephone number: 570-758-4356
  - d) PDA Manure Broker Certification number: 2083- MB2
- 6) The Broker agrees to maintain their status as a certified Commercial Manure Broker as provided under Pa's Commercial Manure Hauler and Broker Certification Program (7 Pa Code Chapter 130e).
- 7) The Broker agrees to comply with all requirements established by section 5 of the Commercial Manure Hauler and Broker Certification Act regarding the development and distribution of nutrient balance sheets to importing operations and conservation districts when handling manure from a CAO, CAFO or volunteer operation. Specifically, where a broker under this agreement, makes arrangements for land application of the manure on an importing agricultural operation, the broker must:
  - a. Provide a NBS to all importing operations receiving manure for land application, no later than the time of manure transfer

- b. Provide copies of the NBS, no later than the time of manure transfer, to the county conservation district where the manure originated (exporting operation county)
- c. Provide copies of the NBS, no later than the time of manure transfer, to the county conservation district where the manure is being applied (importing operation county)

Where a broker under this agreement, arranges for the use of manure for purposes other than land application, the broker is not required to supply a NBS to the importing operation

- 8) The exporter will use a Manure Export Sheet to record all manure exported to the broker. These Manure Export Sheets are available from the county conservation district or the State Conservation Commission. Computer generated forms other than the manure export sheet may be used if they contain the same information as, and are reasonably similar in format to, the forms available from the State Conservation Commission or the conservation district.
- 9) This agreement shall remain in full effect unless terminated by either party upon thirty days prior written notice to the other party. If this agreement is terminated, the exporter shall notify the county conservation district office that approved their nutrient management plan, of the termination.
- 10) By signing this agreement, the broker accepts full responsibility for the manure received from the exporter as long as the manure is under the broker's control, including handling, storage and land application.

**Exporter Signature, Name and Date**

[Signature] (signature)  
Flam B Stoltzfus Jr (name)  
12-13-2018 (date)

**Broker Signature, Name and Date**

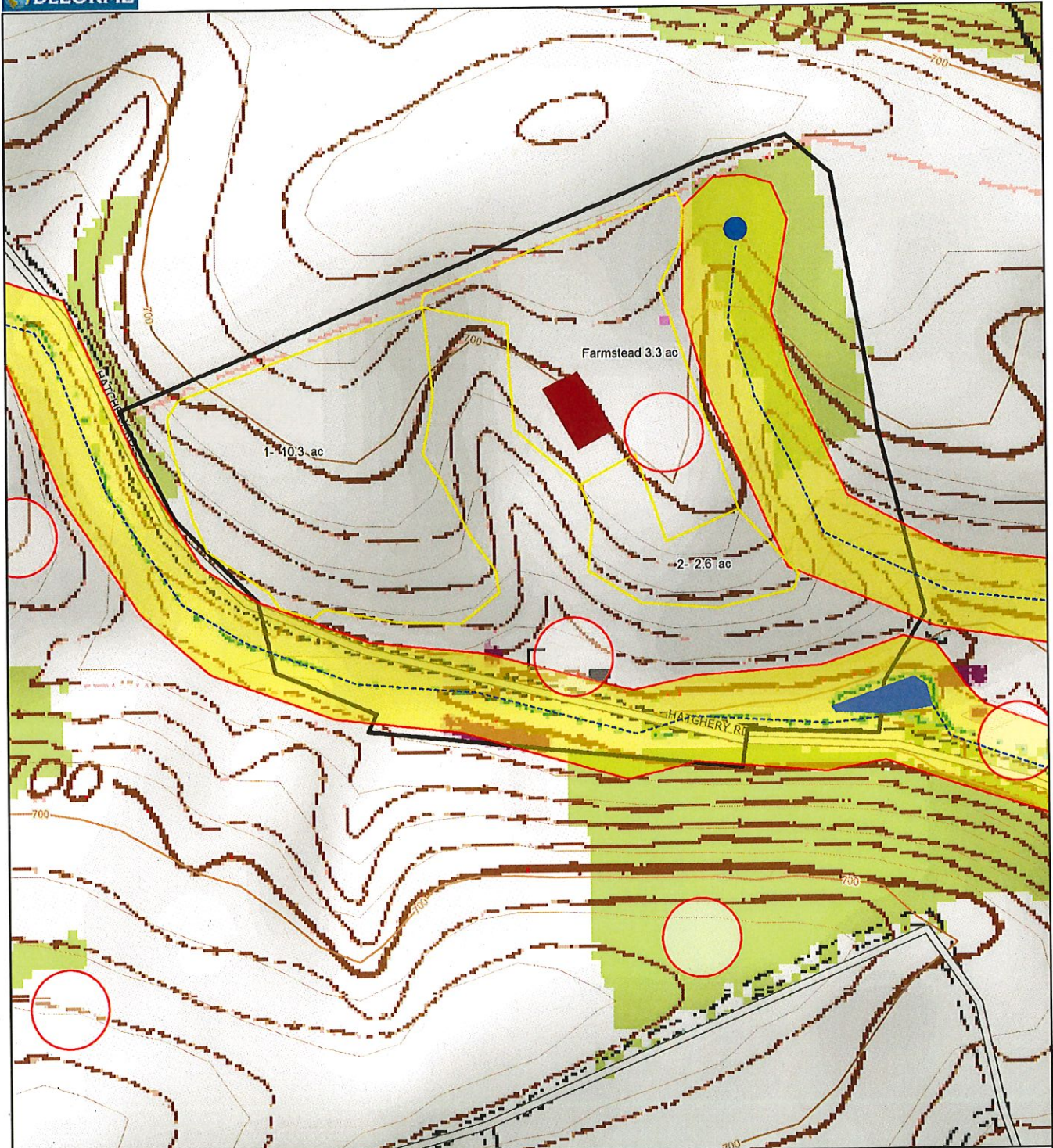
[Signature] (signature)  
Jeff Morris (name)  
12-19-18 (date)

## Appendix 9

### Operation Maps

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Three types of maps are required for an Act 38 Nutrient Management Plan: 1) Topographic Map, 2) Soils Map, and 3) Operator Management Map. The **Topographic Map and Soils Map** must be included here. The Topographic map must be drawn to scale and identify the land included in the plan with operation boundaries. The Soils Map must include the field identification and boundaries, soil types and slopes with soil legend. Adding P Index lines can be helpful on the Topographic or Soils map but are not required. The Operator Management Map must be included in the Nutrient Management Plan Summary.



**Elam Stoltzfoos Junior**

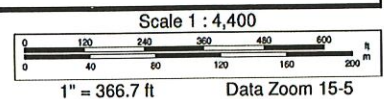
552 Mountain Road  
Dalmatia, PA 17017

Tract 8093 - 322 Hatchery Road  
Dalmatia, PA 17017

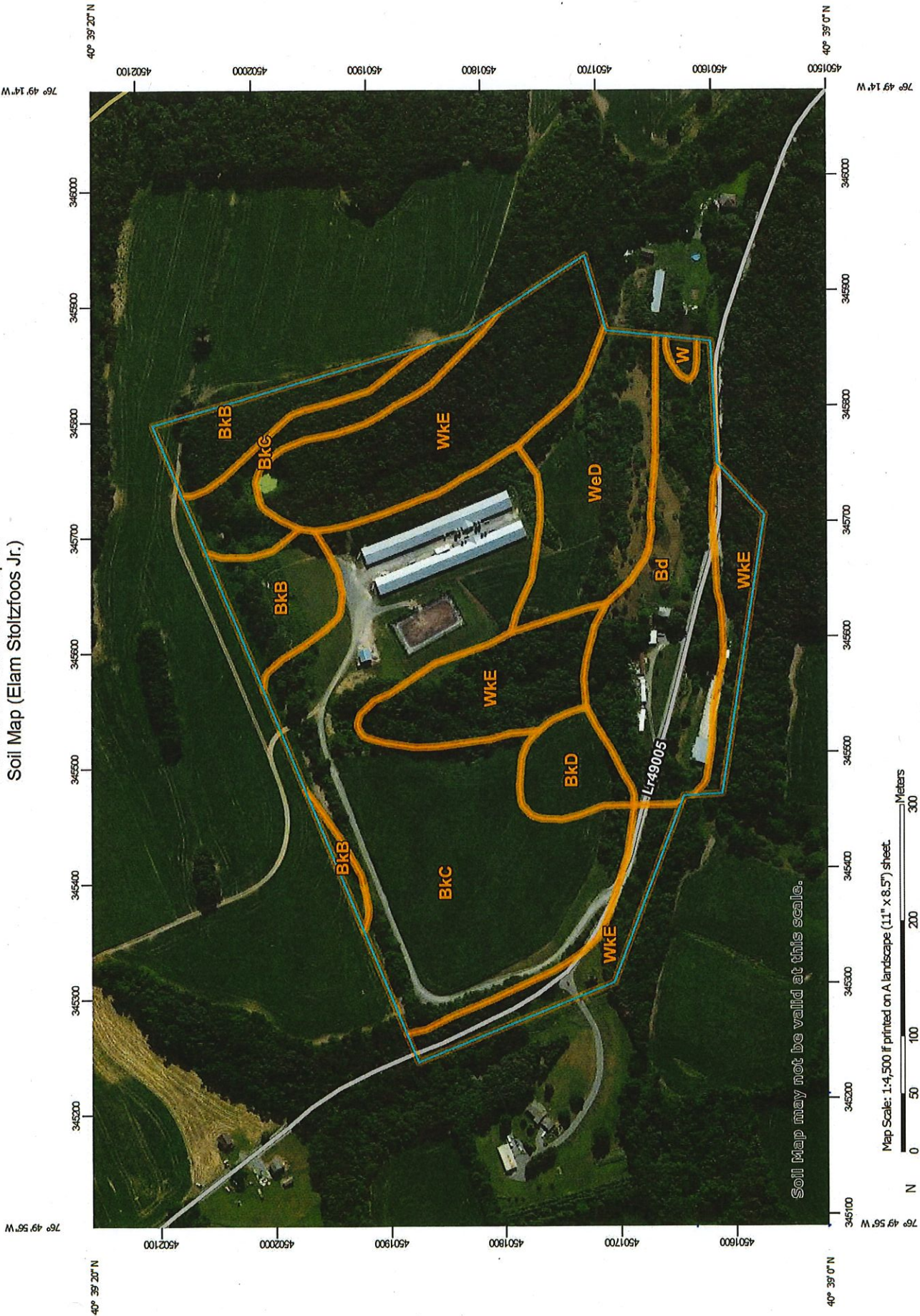
Northumberland County, PA

**Nutrient Management Plan**

-  Property Boundary
-  Field Boundary
-  100 ft setback from wells
-  100 ft setback from streams, ponds
-  Existing Earthen Waste Storage Pond
-  Existing Animal Mortality Incinerator



Custom Soil Resource Report  
Soil Map (Elam Stoltzfoos Jr.)



Soil Map may not be valid at this scale.

Map Scale: 1:4,500 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84



## Map Unit Legend (Elam Stoltzfoos Jr.)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Bd	Basher soils, frequently flooded	7.2	13.1%
BkB	Berks channery silt loam, 3 to 8 percent slopes	4.6	8.2%
BkC	Berks channery silt loam, 8 to 15 percent slopes	21.9	39.5%
BkD	Berks channery silt loam, 15 to 25 percent slopes	1.6	3.0%
W	Water	0.2	0.3%
WeD	Weikert channery silt loam, 15 to 25 percent slopes	5.3	9.5%
WkE	Weikert and Klinesville shaly silt loams, steep	14.6	26.4%
<b>Totals for Area of Interest</b>		<b>55.5</b>	<b>100.0%</b>

## Map Unit Descriptions (Elam Stoltzfoos Jr.)

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not

## Northumberland County, Pennsylvania

### Bd—Basher soils, frequently flooded

#### Map Unit Setting

*National map unit symbol:* 13hf  
*Elevation:* 400 to 840 feet  
*Mean annual precipitation:* 30 to 45 inches  
*Mean annual air temperature:* 45 to 54 degrees F  
*Frost-free period:* 120 to 187 days  
*Farmland classification:* Farmland of statewide importance

#### Map Unit Composition

*Basher and similar soils:* 85 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Basher

##### Setting

*Landform:* Flood plains  
*Landform position (two-dimensional):* Toeslope  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Reddish alluvium derived from sedimentary rock

##### Typical profile

*H1 - 0 to 5 inches:* silt loam  
*H2 - 5 to 24 inches:* silt loam  
*H3 - 24 to 56 inches:* loam  
*H4 - 56 to 65 inches:* very gravelly sand

##### Properties and qualities

*Slope:* 0 to 3 percent  
*Depth to restrictive feature:* 72 to 99 inches to lithic bedrock  
*Natural drainage class:* Moderately well drained  
*Runoff class:* Low  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high (0.20 to 2.00 in/hr)  
*Depth to water table:* About 12 to 36 inches  
*Frequency of flooding:* Frequent  
*Frequency of ponding:* None  
*Available water storage in profile:* Moderate (about 8.7 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 3w  
*Hydrologic Soil Group:* C  
*Hydric soil rating:* No

#### Minor Components

##### Barbour

*Percent of map unit:* 10 percent  
*Hydric soil rating:* No

## Custom Soil Resource Report

### Holly

*Percent of map unit:* 5 percent  
*Landform:* Flood plains  
*Landform position (two-dimensional):* Toeslope  
*Landform position (three-dimensional):* Base slope  
*Down-slope shape:* Concave  
*Across-slope shape:* Concave  
*Hydric soil rating:* Yes

### BkB—Berks channery silt loam, 3 to 8 percent slopes

#### Map Unit Setting

*National map unit symbol:* 2sgb5  
*Elevation:* 320 to 3,570 feet  
*Mean annual precipitation:* 37 to 50 inches  
*Mean annual air temperature:* 47 to 56 degrees F  
*Frost-free period:* 148 to 192 days  
*Farmland classification:* Farmland of statewide importance

#### Map Unit Composition

*Berks and similar soils:* 85 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Berks

##### Setting

*Landform:* Ridges, mountain slopes  
*Landform position (two-dimensional):* Summit, shoulder, backslope  
*Landform position (three-dimensional):* Upper third of mountainflank, side slope  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex, linear  
*Parent material:* Residuum weathered from shale and siltstone and/or fine grained sandstone

##### Typical profile

*Ap - 0 to 7 inches:* channery silt loam  
*Bw1 - 7 to 15 inches:* channery silt loam  
*Bw2 - 15 to 28 inches:* very channery silt loam  
*C - 28 to 36 inches:* extremely channery silt loam  
*R - 36 to 46 inches:* bedrock

##### Properties and qualities

*Slope:* 3 to 8 percent  
*Depth to restrictive feature:* 20 to 40 inches to lithic bedrock  
*Natural drainage class:* Well drained  
*Runoff class:* Medium  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately low to high (0.06 to 5.95 in/hr)  
*Depth to water table:* More than 80 inches

## Custom Soil Resource Report

*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum in profile:* 1 percent  
*Gypsum, maximum in profile:* 1 percent  
*Salinity, maximum in profile:* Nonsaline (0.0 to 1.0 mmhos/cm)  
*Sodium adsorption ratio, maximum in profile:* 1.0  
*Available water storage in profile:* Very low (about 2.9 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 2e  
*Hydrologic Soil Group:* B  
*Other vegetative classification:* Dry Uplands (DU2)  
*Hydric soil rating:* No

### Minor Components

#### Weikert

*Percent of map unit:* 10 percent  
*Landform:* Ridges  
*Landform position (two-dimensional):* Shoulder, backslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Linear  
*Across-slope shape:* Convex  
*Other vegetative classification:* Droughty Shales (SD2)  
*Hydric soil rating:* No

#### Brinkerton

*Percent of map unit:* 5 percent  
*Landform:* Ridges  
*Landform position (two-dimensional):* Foothills  
*Landform position (three-dimensional):* Base slope  
*Down-slope shape:* Concave, linear  
*Across-slope shape:* Linear, concave  
*Hydric soil rating:* Yes

## BkC—Berks channery silt loam, 8 to 15 percent slopes

### Map Unit Setting

*National map unit symbol:* 2sgcg  
*Elevation:* 320 to 3,570 feet  
*Mean annual precipitation:* 37 to 50 inches  
*Mean annual air temperature:* 47 to 56 degrees F  
*Frost-free period:* 148 to 192 days  
*Farmland classification:* Farmland of statewide importance

### Map Unit Composition

*Berks and similar soils:* 85 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

## Custom Soil Resource Report

### Description of Berks

#### Setting

*Landform:* Ridges, mountain slopes  
*Landform position (two-dimensional):* Summit, shoulder, backslope  
*Landform position (three-dimensional):* Upper third of mountain flank, side slope  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex, linear  
*Parent material:* Residuum weathered from shale and siltstone and/or fine grained sandstone

#### Typical profile

*Ap - 0 to 8 inches:* channery silt loam  
*Bw1 - 8 to 14 inches:* very channery silt loam  
*Bw2 - 14 to 26 inches:* very channery silt loam  
*C - 26 to 36 inches:* extremely channery silt loam  
*R - 36 to 46 inches:* bedrock

#### Properties and qualities

*Slope:* 8 to 15 percent  
*Depth to restrictive feature:* 20 to 40 inches to lithic bedrock  
*Natural drainage class:* Well drained  
*Runoff class:* Medium  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately low to high (0.06 to 5.95 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum in profile:* 1 percent  
*Gypsum, maximum in profile:* 1 percent  
*Salinity, maximum in profile:* Nonsaline (0.0 to 1.0 mmhos/cm)  
*Sodium adsorption ratio, maximum in profile:* 1.0  
*Available water storage in profile:* Very low (about 3.0 inches)

#### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 3e  
*Hydrologic Soil Group:* B  
*Other vegetative classification:* Dry Uplands (DU2), Dry Uplands (DU3)  
*Hydric soil rating:* No

### Minor Components

#### Weikert

*Percent of map unit:* 10 percent  
*Landform:* Ridges  
*Landform position (two-dimensional):* Shoulder, backslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Linear  
*Across-slope shape:* Convex  
*Other vegetative classification:* Droughty Shales (SD2)  
*Hydric soil rating:* No

#### Brinkerton

*Percent of map unit:* 5 percent  
*Landform:* Ridges

## Custom Soil Resource Report

*Landform position (two-dimensional):* Foothlope  
*Landform position (three-dimensional):* Base slope  
*Down-slope shape:* Concave, linear  
*Across-slope shape:* Linear, concave  
*Hydric soil rating:* Yes

### **BkD—Berks channery silt loam, 15 to 25 percent slopes**

#### **Map Unit Setting**

*National map unit symbol:* 2sgb7  
*Elevation:* 320 to 3,630 feet  
*Mean annual precipitation:* 37 to 50 inches  
*Mean annual air temperature:* 47 to 56 degrees F  
*Frost-free period:* 148 to 192 days  
*Farmland classification:* Not prime farmland

#### **Map Unit Composition**

*Berks and similar soils:* 85 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### **Description of Berks**

##### **Setting**

*Landform:* Ridges, mountain slopes  
*Landform position (two-dimensional):* Summit, shoulder, backslope  
*Landform position (three-dimensional):* Upper third of mountainflank, side slope  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex, linear  
*Parent material:* Residuum weathered from shale and siltstone and/or fine grained sandstone

##### **Typical profile**

*Ap - 0 to 7 inches:* channery silt loam  
*Bw1 - 7 to 14 inches:* very channery silt loam  
*Bw2 - 14 to 21 inches:* extremely channery silt loam  
*C - 21 to 36 inches:* extremely channery silt loam  
*R - 36 to 46 inches:* bedrock

##### **Properties and qualities**

*Slope:* 15 to 25 percent  
*Depth to restrictive feature:* 20 to 40 inches to lithic bedrock  
*Natural drainage class:* Well drained  
*Runoff class:* Medium  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately low to high (0.06 to 5.95 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum in profile:* 1 percent

## Custom Soil Resource Report

*Gypsum, maximum in profile:* 1 percent  
*Salinity, maximum in profile:* Nonsaline (0.0 to 1.0 mmhos/cm)  
*Sodium adsorption ratio, maximum in profile:* 1.0  
*Available water storage in profile:* Very low (about 2.9 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 4e  
*Hydrologic Soil Group:* B  
*Other vegetative classification:* Dry Uplands (DU2)  
*Hydric soil rating:* No

### Minor Components

#### Weikert

*Percent of map unit:* 10 percent  
*Landform:* Ridges  
*Landform position (two-dimensional):* Shoulder, backslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Linear  
*Across-slope shape:* Convex  
*Other vegetative classification:* Droughty Shales (SD2)  
*Hydric soil rating:* No

#### Brinkerton

*Percent of map unit:* 5 percent  
*Landform:* Ridges  
*Landform position (two-dimensional):* Footslope  
*Landform position (three-dimensional):* Base slope  
*Down-slope shape:* Concave, linear  
*Across-slope shape:* Linear, concave  
*Hydric soil rating:* Yes

## W—Water

### Map Unit Setting

*National map unit symbol:* 131b  
*Mean annual precipitation:* 36 to 46 inches  
*Mean annual air temperature:* 44 to 57 degrees F  
*Frost-free period:* 130 to 180 days  
*Farmland classification:* Not prime farmland

### Map Unit Composition

*Water:* 100 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

## **WeD—Weikert channery silt loam, 15 to 25 percent slopes**

### **Map Unit Setting**

*National map unit symbol:* 2v4vs  
*Elevation:* 340 to 4,040 feet  
*Mean annual precipitation:* 37 to 50 inches  
*Mean annual air temperature:* 47 to 56 degrees F  
*Frost-free period:* 148 to 192 days  
*Farmland classification:* Not prime farmland

### **Map Unit Composition**

*Weikert and similar soils:* 85 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### **Description of Weikert**

#### **Setting**

*Landform:* Ridges  
*Landform position (two-dimensional):* Shoulder, backslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Linear  
*Across-slope shape:* Convex  
*Parent material:* Gray and brown acid residuum weathered from shale and siltstone and/or fine grained sandstone

#### **Typical profile**

*A - 0 to 6 inches:* channery silt loam  
*Bw - 6 to 12 inches:* very channery silt loam  
*C - 12 to 15 inches:* extremely channery silt loam  
*R - 15 to 25 inches:* bedrock

#### **Properties and qualities**

*Slope:* 15 to 25 percent  
*Depth to restrictive feature:* 10 to 20 inches to lithic bedrock  
*Natural drainage class:* Somewhat excessively drained  
*Runoff class:* High  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately low to high  
(0.06 to 6.00 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Salinity, maximum in profile:* Nonsaline (0.0 to 1.0 mmhos/cm)  
*Available water storage in profile:* Very low (about 1.5 inches)

#### **Interpretive groups**

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 6e  
*Hydrologic Soil Group:* D  
*Other vegetative classification:* Droughty Shales (SD3)  
*Hydric soil rating:* No



## Custom Soil Resource Report

### Minor Components

#### Berks

*Percent of map unit:* 9 percent  
*Landform:* Ridges  
*Landform position (two-dimensional):* Summit, shoulder, backslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex, linear  
*Hydric soil rating:* No

#### Ernest

*Percent of map unit:* 3 percent  
*Landform:* Hillslopes  
*Landform position (two-dimensional):* Footslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Concave  
*Across-slope shape:* Linear  
*Hydric soil rating:* No

#### Wharton

*Percent of map unit:* 2 percent  
*Landform:* Ridges  
*Landform position (two-dimensional):* Backslope  
*Landform position (three-dimensional):* Interfluvial, side slope, head slope  
*Down-slope shape:* Concave  
*Across-slope shape:* Concave  
*Hydric soil rating:* No

#### Hartleton

*Percent of map unit:* 1 percent  
*Landform:* Ridges  
*Landform position (two-dimensional):* Shoulder, backslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Linear, concave  
*Across-slope shape:* Linear, concave  
*Hydric soil rating:* No

### WkE—Weikert and Klinsville shaly silt loams, steep

#### Map Unit Setting

*National map unit symbol:* 1314  
*Elevation:* 300 to 1,600 feet  
*Mean annual precipitation:* 36 to 50 inches  
*Mean annual air temperature:* 45 to 57 degrees F  
*Frost-free period:* 120 to 217 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Weikert and similar soils:* 40 percent

## Custom Soil Resource Report

*Klinesville and similar soils: 30 percent*

*Minor components: 30 percent*

*Estimates are based on observations, descriptions, and transects of the mapunit.*

### Description of Weikert

#### Setting

*Landform: Hills*

*Landform position (two-dimensional): Backslope, shoulder*

*Landform position (three-dimensional): Side slope, crest*

*Down-slope shape: Convex*

*Across-slope shape: Convex*

*Parent material: Residuum weathered from shale and siltstone*

#### Typical profile

*H1 - 0 to 7 inches: channery silt loam*

*H2 - 7 to 15 inches: very channery silt loam*

*H3 - 15 to 19 inches: bedrock*

#### Properties and qualities

*Slope: 25 to 75 percent*

*Depth to restrictive feature: 10 to 20 inches to lithic bedrock*

*Natural drainage class: Somewhat excessively drained*

*Runoff class: High*

*Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)*

*Depth to water table: More than 80 inches*

*Frequency of flooding: None*

*Frequency of ponding: None*

*Available water storage in profile: Very low (about 1.3 inches)*

#### Interpretive groups

*Land capability classification (irrigated): None specified*

*Land capability classification (nonirrigated): 7e*

*Hydrologic Soil Group: D*

*Hydric soil rating: No*

### Description of Klinesville

#### Setting

*Landform: Ridges, valleys*

*Landform position (two-dimensional): Backslope, shoulder*

*Landform position (three-dimensional): Side slope*

*Down-slope shape: Convex*

*Across-slope shape: Convex*

*Parent material: Residuum weathered from siltstone*

#### Typical profile

*H1 - 0 to 7 inches: channery silt loam*

*H2 - 7 to 11 inches: very channery silt loam*

*H3 - 11 to 15 inches: very channery silt loam*

*R - 15 to 19 inches: bedrock*

#### Properties and qualities

*Slope: 25 to 75 percent*

*Depth to restrictive feature: 10 to 20 inches to lithic bedrock*

*Natural drainage class: Somewhat excessively drained*

*Runoff class: High*

## Custom Soil Resource Report

*Capacity of the most limiting layer to transmit water (Ksat):* High (2.00 to 6.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Available water storage in profile:* Very low (about 1.3 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7e

*Hydrologic Soil Group:* D

*Hydric soil rating:* No

### Minor Components

#### Hartleton

*Percent of map unit:* 10 percent

*Landform:* — error in exists on —

*Landform position (two-dimensional):* Shoulder, backslope

*Landform position (three-dimensional):* Side slope

*Down-slope shape:* Linear, concave

*Across-slope shape:* Linear, concave

*Hydric soil rating:* No

#### Berks

*Percent of map unit:* 10 percent

*Hydric soil rating:* No

#### Leck kill

*Percent of map unit:* 5 percent

*Hydric soil rating:* No

#### Rushtown

*Percent of map unit:* 5 percent

*Hydric soil rating:* No

## Custom Soil Resource Report

**Table—Farmland Classification (Elam Stoltzfoos Jr.)**

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Bd	Basher soils, frequently flooded	Farmland of statewide importance	7.2	13.1%
BkB	Berks channery silt loam, 3 to 8 percent slopes	Farmland of statewide importance	4.6	8.2%
BkC	Berks channery silt loam, 8 to 15 percent slopes	Farmland of statewide importance	21.9	39.5%
BkD	Berks channery silt loam, 15 to 25 percent slopes	Not prime farmland	1.6	3.0%
W	Water	Not prime farmland	0.2	0.3%
WeD	Weikert channery silt loam, 15 to 25 percent slopes	Not prime farmland	5.3	9.5%
WkE	Weikert and Klinsville shaly silt loams, steep	Not prime farmland	14.6	26.4%
<b>Totals for Area of Interest</b>			<b>55.5</b>	<b>100.0%</b>

### Rating Options—Farmland Classification (Elam Stoltzfoos Jr.)

*Aggregation Method:* No Aggregation Necessary

*Tie-break Rule:* Lower

### Hydric Rating by Map Unit (Elam Stoltzfoos Jr.)

This rating indicates the percentage of map units that meets the criteria for hydric soils. Map units are composed of one or more map unit components or soil types, each of which is rated as hydric soil or not hydric. Map units that are made up dominantly of hydric soils may have small areas of minor nonhydric components in the higher positions on the landform, and map units that are made up dominantly of nonhydric soils may have small areas of minor hydric components in the lower positions on the landform. Each map unit is rated based on its respective components and the percentage of each component within the map unit.

The thematic map is color coded based on the composition of hydric components. The five color classes are separated as 100 percent hydric components, 66 to 99 percent hydric components, 33 to 65 percent hydric components, 1 to 32 percent hydric components, and less than one percent hydric components.

In Web Soil Survey, the Summary by Map Unit table that is displayed below the map pane contains a column named 'Rating'. In this column the percentage of each map unit that is classified as hydric is displayed.

Custom Soil Resource Report

**Table—Hydric Rating by Map Unit (Elam Stoltzfoos Jr.)**

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Bd	Basher soils, frequently flooded	5	7.2	13.1%
BkB	Berks channery silt loam, 3 to 8 percent slopes	5	4.6	8.2%
BkC	Berks channery silt loam, 8 to 15 percent slopes	5	21.9	39.5%
BkD	Berks channery silt loam, 15 to 25 percent slopes	5	1.6	3.0%
W	Water	0	0.2	0.3%
WeD	Weikert channery silt loam, 15 to 25 percent slopes	0	5.3	9.5%
WkE	Weikert and Klinesville shaly silt loams, steep	0	14.6	26.4%
<b>Totals for Area of Interest</b>			<b>55.5</b>	<b>100.0%</b>

**Rating Options—Hydric Rating by Map Unit (Elam Stoltzfoos Jr.)**

*Aggregation Method: Percent Present*

*Component Percent Cutoff: None Specified*

*Tie-break Rule: Lower*

# Appendix 10

## Supporting Information & Documentation

Crop Years 2022

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Includes if applicable the Rainfall Additions Worksheet, Winter Application Matrix, Residual N Calculation Worksheet and other supplemental worksheets included in the NMP Spreadsheet. Attach information and documentation necessary to support plan content not included elsewhere in the NMP Spreadsheet or appendices. Examples include, but are not limited to, documentation of animal weights if Agronomy Facts 54 is not used, bedding calculations, or calculations for irrigation rates.

Manure Analysis 5 Year Running Average						
Manure Average for Crop Years. 2022	Spring Duck					
	Average	1 year ago	2 years ago	3 years ago	4 years ago	5 years ago
Manure Report Date	May 11 2021	May 11 2021				
Laboratory Name	Waypoint	Waypoint				
Manure Type	Poultry	Poultry				
Manure Unit (lbs/ton or 1000 gal)	lb/1000 gal	lb/1000 gal				
Total Nitrogen (N) (lbs/ton or 1000 gal)	30.00	30.00				
Ammonium N (NH <sub>4</sub> -N) (lbs/ton or 1000 gal)	23.00	23.00				
Total Organic N (lbs/ton or 1000 gal)	7.00	7.00				
Total Phosphate (P <sub>2</sub> O <sub>5</sub> ) (lbs/ton or 1000 gal)	17.80	17.80				
Total Potash (K <sub>2</sub> O) (lbs/ton or 1000 gal)	14.10	14.10				
Percent Solids	2.80	2.80				
PSC Value (Enter analytical or book value)	0.80	0.80				

Manure Average for Crop Years. 2022	Fall Duck					
	Average	1 year ago	2 years ago	3 years ago	4 years ago	5 years ago
Manure Report Date	Apr 14 2020	Apr 14 2020				
Laboratory Name	Waypoint	Waypoint				
Manure Type	Poultry	Poultry				
Manure Unit (lbs/ton or 1000 gal)	lb/1000 gal	lb/1000 gal				
Total Nitrogen (N) (lbs/ton or 1000 gal)	43.50	43.50				
Ammonium N (NH <sub>4</sub> -N) (lbs/ton or 1000 gal)	31.50	31.50				
Total Organic N (lbs/ton or 1000 gal)	12.00	12.00				
Total Phosphate (P <sub>2</sub> O <sub>5</sub> ) (lbs/ton or 1000 gal)	27.40	27.40				
Total Potash (K <sub>2</sub> O) (lbs/ton or 1000 gal)	20.60	20.60				
Percent Solids	7.80	7.80				
PSC Value (Enter analytical or book value)	0.80	0.80				

# Rainfall Worksheet

1

Crop Years 2022

County	
Evaporation or no Evaporation	_____
Paved or Unpaved	_____
Manure Group	0 gallons of rain water added to this manure group
Beginning Month (1-12)	
Ending Month (1-12)	
Storage Surface Area (Sq. ft.)	Gallons of water for this manure group
Runoff Surface Area (Sq. ft.)	0 gallons directly on storage
	0 gallons directed to storage



## Appendix 10

Crop Years 2023

### **Supporting Information & Documentation**

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Includes if applicable the Rainfall Additions Worksheet, Winter Application Matrix, Residual N Calculation Worksheet and other supplemental worksheets included in the NMP Spreadsheet. Attach information and documentation necessary to support plan content not included elsewhere in the NMP Spreadsheet or appendices. Examples include, but are not limited to, documentation of animal weights if Agronomy Facts 54 is not used, bedding calculations, or calculations for irrigation rates.

Manure Analysis 5 Year Running Average						
Manure Average for Crop Years. 2023	Spring Duck					
	Average	1 year ago	2 years ago	3 years ago	4 years ago	5 years ago
Manure Report Date	May 11 2021	May 11 2021				
Laboratory Name	Waypoint	Waypoint				
Manure Type	Poultry	Poultry				
Manure Unit (lbs/ton or 1000 gal)	lb/1000 gal	lb/1000 gal				
Total Nitrogen (N) (lbs/ton or 1000 gal)	30.00	30.00				
Ammonium N (NH <sub>4</sub> -N) (lbs/ton or 1000 gal)	23.00	23.00				
Total Organic N (lbs/ton or 1000 gal)	7.00	7.00				
Total Phosphate (P <sub>2</sub> O <sub>5</sub> ) (lbs/ton or 1000 gal)	17.80	17.80				
Total Potash (K <sub>2</sub> O) (lbs/ton or 1000 gal)	14.10	14.10				
Percent Solids	2.80	2.80				
PSC Value (Enter analytical or book value)	0.80	0.80				

Manure Average for Crop Years. 2023	Fall Duck					
	Average	1 year ago	2 years ago	3 years ago	4 years ago	5 years ago
Manure Report Date	Apr 14 2020	Apr 14 2020				
Laboratory Name	Waypoint	Waypoint				
Manure Type	Poultry	Poultry				
Manure Unit (lbs/ton or 1000 gal)	lb/1000 gal	lb/1000 gal				
Total Nitrogen (N) (lbs/ton or 1000 gal)	43.50	43.50				
Ammonium N (NH <sub>4</sub> -N) (lbs/ton or 1000 gal)	31.50	31.50				
Total Organic N (lbs/ton or 1000 gal)	12.00	12.00				
Total Phosphate (P <sub>2</sub> O <sub>5</sub> ) (lbs/ton or 1000 gal)	27.40	27.40				
Total Potash (K <sub>2</sub> O) (lbs/ton or 1000 gal)	20.60	20.60				
Percent Solids	7.80	7.80				
PSC Value (Enter analytical or book value)	0.80	0.80				

# Rainfall Worksheet

1

Crop Years 2023

County	
Evaporation or no Evaporation	
Paved or Unpaved	
Manure Group	0 gallons of rain water added to this manure group
Beginning Month (1-12)	Gallons of water for this manure group
Ending Month (1-12)	
Storage Surface Area (Sq. ft.)	0 gallons directly on storage
Runoff Surface Area (Sq. ft.)	0 gallons directed to storage

## Appendix 10

Crop Years 2024

### Supporting Information & Documentation

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Includes if applicable the Rainfall Additions Worksheet, Winter Application Matrix, Residual N Calculation Worksheet and other supplemental worksheets included in the NMP Spreadsheet. Attach information and documentation necessary to support plan content not included elsewhere in the NMP Spreadsheet or appendices. Examples include, but are not limited to, documentation of animal weights if Agronomy Facts 54 is not used, bedding calculations, or calculations for irrigation rates.

Manure Analysis 5 Year Running Average						
Manure Average for Crop Years. 2024	Spring Duck					
	Average	1 year ago	2 years ago	3 years ago	4 years ago	5 years ago
Manure Report Date	May 11 2021	May 11 2021				
Laboratory Name	Waypoint	Waypoint				
Manure Type	Poultry	Poultry				
Manure Unit (lbs/ton or 1000 gal)	lb/1000 gal	lb/1000 gal				
Total Nitrogen (N) (lbs/ton or 1000 gal)	30.00	30.00				
Ammonium N (NH <sub>4</sub> -N) (lbs/ton or 1000 gal)	23.00	23.00				
Total Organic N (lbs/ton or 1000 gal)	7.00	7.00				
Total Phosphate (P <sub>2</sub> O <sub>5</sub> ) (lbs/ton or 1000 gal)	17.80	17.80				
Total Potash (K <sub>2</sub> O) (lbs/ton or 1000 gal)	14.10	14.10				
Percent Solids	2.80	2.80				
PSC Value (Enter analytical or book value)	0.80	0.80				

Manure Average for Crop Years. 2024	Fall Duck					
	Average	1 year ago	2 years ago	3 years ago	4 years ago	5 years ago
Manure Report Date	Apr 14 2020	Apr 14 2020				
Laboratory Name	Waypoint	Waypoint				
Manure Type	Poultry	Poultry				
Manure Unit (lbs/ton or 1000 gal)	lb/1000 gal	lb/1000 gal				
Total Nitrogen (N) (lbs/ton or 1000 gal)	43.50	43.50				
Ammonium N (NH <sub>4</sub> -N) (lbs/ton or 1000 gal)	31.50	31.50				
Total Organic N (lbs/ton or 1000 gal)	12.00	12.00				
Total Phosphate (P <sub>2</sub> O <sub>5</sub> ) (lbs/ton or 1000 gal)	27.40	27.40				
Total Potash (K <sub>2</sub> O) (lbs/ton or 1000 gal)	20.60	20.60				
Percent Solids	7.80	7.80				
PSC Value (Enter analytical or book value)	0.80	0.80				

# Rainfall Worksheet

1

Crop Years 2024

County _____	
Evaporation or no Evaporation _____	
Paved or Unpaved _____	
Manure Group	gallons of rain water added to this manure group
Beginning Month (1-12)	0
Ending Month (1-12)	
Storage Surface Area (Sq. ft.)	Gallons of water for this manure group
Runoff Surface Area (Sq. ft.)	0 gallons directly on storage
	0 gallons directed to storage



**COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION**

**DATE:** July 6, 2021

**TO:** Members  
State Conservation Commission

**FROM:** Frank X Schneider, Director  
Nutrient and Odor Management Programs

**RE:** Nutrient Management Program Fiscal Year 2021-22 Budget Proposal

**Action Requested**

Grant approval for the Nutrient Management Program budget for Fiscal Year 2021-2022 (FY 2021-22).

**Background**

The proposed FY 2021-22 General Fund Budget provides an appropriation to the Nutrient Management Fund of \$6,200,000. The attached proposed budget is based on the 'appropriation' to the fund and 'spending authorization' of \$6,749,000 under the Governors proposed state budget.

Program staff's proposed NMF budgets provides funding for the following program elements:

- a. Prioritizes funding to conservation districts recognizing their key role in carrying out the mandates of the Nutrient and Odor Management Act, known as Act 38. The proposed allocation represents a contribution from the Nutrient Management Fund towards a delegation agreement outlining combined Nutrient Management Program and Manure Management Program activities. Manure Management Program activities will be funded by Pennsylvania Department of Environmental Protection (Pa DEP) under the Nutrient Management and Manure Management Program delegation agreement between conservation districts, the State Conservation Commission and the Pa DEP. Delegation Agreement funding amounts will be approved under separate correspondence.
- b. Provides funding to farmers for implementation of financial assistance programs and Conservation Excellence grants.
- c. Includes 'zero' funding for USDA-NRCS engineering support. A special note: USDA-NRCS staff should be recognized for their continued commitment to support the Nutrient Management Program training and certification courses and field engineering support, without the need for a state contract for their assistance.

- d. Provides funding for educational and technical support, provided by the Pennsylvania State University (PSU) program partners, Dr. Charlie White, Dr. Robert Mikesell and program staff from the College of Agricultural Sciences. The proposed FY 2021-22 budget provides funding for the 2<sup>nd</sup> year of a 3-year contract agreement. These contracts will be handled under a separate agenda item.
- e. Maintains Commission's Personnel budget for the year, based on anticipated expenditures for FY 2021-22 projected from anticipated operational expenses and union contract personnel costs from the PDA budget office.
- f. Provides funding to PaOneStop in the amount of \$125,000 for ongoing maintenance, updates, and support.
- g. Maintains the Commission's operational budget for the year. Commission staff funding levels is based on anticipated expenditures for FY 2021-22 projected from anticipated operational expenses and union contract personnel costs.

Thank you for your consideration of this budget proposal.

Attachment



<b>2021-22 Proposed Act 38 Nutrient Management Program Budget</b>			
	<b>2019-20 Actual</b>	<b>2020-21 Actual</b>	<b>Recommended Budget (21-22)</b>
<i>Authorized Spending Authority</i>	\$6,202	\$6,200	\$6,749
<b>Beginning Cash Balance</b>	<b>\$1,198</b>	<b>\$2,998</b> <sup>5</sup>	<b>\$4,670</b>
<b>Revenue</b>			
<i>Nutrient Management Fund Transfer</i>	\$6,200	\$6,200	\$6,200
<i>Interest</i>	\$81	\$9	\$10
<i>Other (penalties, fees, reimbursements)</i>	\$68	\$44	\$45
<b>Total Revenue</b>	<b>\$6,349</b>	<b>\$6,253</b>	<b>\$6,255</b>
<b>Expenditures</b>			
<i>Conservation District Funding (DEP)</i>	\$1,995	\$1,969 <sup>1</sup>	\$2,100
<i>Conservation Excellence Grants</i>	\$1,250	\$1,000	\$2,000
<i>Agri-Link</i>	\$0	\$0	\$500
<i>PSU Education &amp; Technical Support</i>			
<i>Nutrient Management</i>	\$202	\$252 <sup>2</sup>	\$224
<i>Manure Hauler/Odor Management</i>	\$130	\$141 <sup>2</sup>	\$149
<i>Pa OneStop Contract</i>	\$0	\$105	\$125
<i>Personnel</i>	\$735	\$759	\$836
<i>Operational</i>	\$237	\$355 <sup>3</sup>	\$408
<i>Information Technology</i>	\$0	\$0 <sup>4</sup>	\$0
<b>Total Expenditures</b>	<b>\$4,549</b>	<b>\$4,581</b>	<b>\$6,342</b>
<b>Ending Cash Balance</b>	<b>\$2,998</b>	<b>\$4,670</b>	<b>\$4,583</b>
<i>Prior Year Commitments</i>			
<i>Conservation District Funding (DEP)</i>		\$785	
<i>Conservation Excellence Grants</i>		\$2,250	
<i>Operating</i>		\$220	
<i>Agri-Link</i>		\$1,000	
<i>Total Prior Year Commitments</i>		\$4,255	
<b>Available Funding</b>		<b>\$415</b>	
<sup>1</sup> DEP (20098) Spending Authority			
<sup>2</sup> Contract Year 2 - Certification, Technical and Training Support			
<sup>3</sup> Includes Departmental Admin Billing			
<i>Revised (7/06/2021)</i>			



**COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION**

**DATE:** June 11, 2021

**TO:** Members  
State Conservation Commission

**TROUGH:** Karl G. Brown, Executive Secretary  
State Conservation Commission

**FROM:** Frank X. Schneider, Director  
Nutrient & Odor Management Programs

Johan Berger, Director  
Financial Administration, Policy, Certification & Conservation District Programs

**SUBJECT:** Proposed Nutrient Management/Manure Management Delegation Agreement  
Funding Levels for the 2021-22 Fiscal Year

**Action Requested**

Grant conditional approval of funding levels for participating conservation districts for Fiscal Year 2021-22 (FY 21-22) for the Act 38 Nutrient Management / Chapter 91 Manure Management (NM/MM) delegation agreement. This approval is consistent with the final FY 21-22 Nutrient Management Fund budget, that approval is being asked for under separate correspondence, and commitment of funds from the Pennsylvania Department of Environmental Protection (DEP).

**Background**

In 2017, Commission staff, along with the NM/MM delegation workgroup, worked on a process to distribute funding to counties that will accept delegation.

This process utilized a program workload analysis that considered the number of farmers in each county implementing current Act 38 and CAFO nutrient management plans, as well as, an analysis of number of farms and number of animal operations that could possibly have Chapter 91 obligations. The workload analysis incorporated realistic staff resources for program implementation activities, reflecting a practical workload history for each county and subsequently producing appropriately adjusted district funding levels. This workload analysis was re-run in FY 20-21, and two adjustments were made.

As in the previous 5-year delegation agreement, additional financial resources will be provided by DEP, through a grant under the Chesapeake Bay Regulatory and Accountability Program

(CBRAP) or other funding source, in the amount of \$632,000 (every year for 5 years), in order for conservation districts to accomplish Chapter 91 activities.

The NMF and DEP funds combined will provide the resources to conservation districts for implementation of Act 38 and Chapter 91 program activities under the delegation agreement.

The FY 21-22 General Fund budget proposed an appropriation of \$6,200,000 to the Nutrient Management Fund (NMF). Based on the proposed Commission approved FY 21-22 Act 38 Nutrient Management Program budget; \$2,518,087 would be allocated to conservation districts for delegated Act 38 activities.

Funding under this proposal are available to any conservation districts that has expressed interest in a NM/MM delegation agreement with the Commission and DEP.

### **Proposal**

The attached charts illustrate the suggested funding allocations for conservation districts implementing Act 38 and Chapter 91 activities under the 5<sup>th</sup> year of the delegation agreement:

- *Delegation amounts (FY 21-22)*

Conservation districts receiving ‘zero’ dollars under these proposals are currently designated as “non-delegated” districts under the Act 38 program. If a “non-delegated” district is interested in implementing Chapter 91 activities, primarily outreach and education activities, the Commission and DEP would have to consider funding of a petitioning district on a ‘case-by-case’ basis, as resources permit.

Thank you for your consideration of the proposed delegation agreement funding levels as this will assist conservation districts, DEP and the Commission in the implementation of the nutrient and manure management programs in Pennsylvania.

Enclosure

Proposed

June 11, 2021

1/4 = \$15,000

1/2 = \$30,000

3/4 \$45,000

full = 60,000

**Final FY 2021-2022  
Nutrient Management Program Delegation Agreement Funding**

<b>County</b>	<b>Total Grant</b>
Adams	\$ 90,000.00
Allegheny	\$ 15,000.00
Armstrong	\$ 15,000.00
Beaver	\$ 15,000.00
Bedford	\$ 30,000.00
Berks	\$ 180,000.00
Blair	\$ 30,000.00
Bradford	\$ 60,000.00
Bucks	\$ 15,000.00
Butler	\$ 15,000.00
Cambria	\$ 15,000.00
Cameron	\$ -
Carbon	\$ -
Centre	\$ 45,000.00
Chester	\$ 60,000.00
Clarion	\$ 15,000.00
Clearfield	\$ 15,000.00
Clinton	\$ 45,000.00
Columbia	\$ 15,000.00
Crawford	\$ 30,000.00
Cumberland	\$ 75,000.00
Dauphin	\$ 75,000.00
Delaware	\$ -
Elk	\$ -
Erie	\$ 15,000.00
Fayette	\$ 15,000.00
Forest	\$ -
Franklin	\$ 120,000.00
Fulton	\$ 45,000.00
Greene	\$ 15,000.00
Huntingdon	\$ 45,000.00
Indiana	\$ 15,000.00
Jefferson	\$ 15,000.00

<b>County</b>	<b>Total Grant</b>
Juniata	\$ 120,000.00
Lackawanna	\$ -
Lancaster	\$ 480,000.00
Lawrence	\$ 15,000.00
Lebanon	\$ 180,000.00
Lehigh	\$ 15,000.00
Luzerne	\$ -
Lycoming	\$ 45,000.00
McKean	\$ 15,000.00
Mercer	\$ 15,000.00
Mifflin	\$ 75,000.00
Monroe	\$ 15,000.00
Montgomery	\$ 15,000.00
Montour	\$ 15,000.00
Northampton	\$ 15,000.00
Northumberland	\$ -
Perry	\$ 90,000.00
Pike	\$ -
Potter	\$ 15,000.00
Schuylkill	\$ 60,000.00
Snyder	\$ 120,000.00
Somerset	\$ 15,000.00
Sullivan	\$ 15,000.00
Susquehanna	\$ 15,000.00
Tioga	\$ 30,000.00
Union	\$ 75,000.00
Venango	\$ 15,000.00
Warren	\$ 15,000.00
Washington	\$ 15,000.00
Wayne	\$ 15,000.00
Westmoreland	\$ 15,000.00
Wyoming	\$ 15,000.00
York	\$ 75,000.00
<b>Total:</b>	<b>\$ 2,760,000.00</b>



COMMONWEALTH OF PENNSYLVANIA  
**STATE CONSERVATION COMMISSION**

**DATE:** July 1, 2021

**TO:** Members  
 State Conservation Commission

**FROM:** Johan E. Berger  
 Financial Administration, Certification & Conservation District Programs

**RE:** Proposed annual work plans for educational and technical support activities for the Nutrient Management Specialist; Odor Management Specialist and Commercial Manure Hauler/Broker certification and education programs.

**Action Requested**

Approve annual work plans for the period of July 1, 2021 through June 30, 2022 for the continuation of existing services provided by Pennsylvania State University, College of Agricultural Sciences (PSU CAS) staff.

**Background**

In July 2020, the Commission entered into three-year contracts with PSU providing continued financial support for educational and technical activities performed by PSU CAS staff for the Act 38 and Act 49 certification and education programs, administered by the Commission and the Pennsylvania Department of Agriculture (PDA). The attached annual work plans and budgets describe educational and technical activities to support Pennsylvania's Nutrient and Odor Management Act program (Act 38), Commercial Manure Hauler & Broker Act (Act 49) and, education and training support for the Pennsylvania Department of Environmental Protection (DEP) Manure Management Program (Pa Clean Streams Law, Chapter 91.36).

**Proposal Summary**

The following summarizes education and certification program activities outlined in the respective work plans for FY2021-22(July 1, 2021 – June 30, 2022).

**Nutrient Management (NM) Education & Certification:**

1. Assist PDA and the Commission in the planning, development and delivery of mandatory nutrient management specialist certification and continuing education workshops.
2. Develop and support spreadsheet versions of the nutrient management plan, nutrient balance sheet and P-Index planning tool, including instructional training on the use of these planning tools.
3. Assist PDA and the Commission in distribution of Nutrient Management Program information through newsletters, factsheets, technical guidance and maintenance of the Pa Nutrient Management Program website.

4. Provide technical and education support for the DEP Manure Management Manual education program as requested.
5. Provide scientific and technical support to the Nutrient Management Advisory Board and associated subcommittees as appropriate.

Odor Management (OM) Education & Certification; Animal Production Site Assessment:

1. Assist PDA and the Commission in the planning, development and delivery of mandatory odor management specialist certification and continuing education workshops.
2. Develop and support the Odor Site Index and Odor BMP Reference List planning tools.
3. Serve in an advisory capacity to the SCC and PDA for reviewing plans and new odor remediation technologies.
4. Conduct assessments of potential large scale animal production operations for siting recommendation and identification of potential conflicts in the community as requested by animal production integrators.

Commercial Manure Hauler & Broker (MHB) Education & Certification:

1. Assist PDA and the Commission in the planning, development and delivery of mandatory certification and continuing education workshops.
2. Assist PDA and the Commission in the development of educational materials, (i.e. certification workbooks) and outreach through periodic distribution of newsletters.
3. Assisting PDA and the Commission in the planning and delivery of continuing education programs and workshops.

Manure Management Program

1. Provide technical and educational support for the DEP Manure Management Manual documents and materials in consultation with DEP, SCC and the Nutrient Management Educational Workgroup.
2. Maintain a Manure Management Education Program webpage on the Act 38 Nutrient Management Program Website.

A review of projected costs by PSU for program year 2021-22 for both projects resulted in no changes to the projected 3 year annual costs to support contracted activities for the 2021-22 program year, as noted below:

- |   |                        |
|---|------------------------|
| 1. Nutrient Management Education & Certification:   | \$224,428 (No Change)  |
| 2. Odor Management/Animal Production Site Assessment/Manure Hauler Education & Certification: | \$149,530 (No Change). |

**Recommendation**

Staff recommends approval of the annual work plans for the Nutrient Management Education and the Manure Hauler Broker Certification/Odor Management Support/Site Assessment Program work plans for FY2021-22 as allocated under the proposed Nutrient Management Program budget and described under this memo. Funding of the projects is contingent on the availability of funds appropriated to the Nutrient Management Fund.

Thank you for your consideration of these annual work plans and budget proposals. The Inter-agency and University partnership that has grown around this contract over the years has been the key to developing and implementing sound nutrient management regulatory and education standards in Pennsylvania.

Attachments



COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION

**DATE:** July 1, 2021  
**TO:** Members  
State Conservation Commission  
**FROM:** Johan E. Berger  
Financial Administration, Certification & Conservation District Programs  
**RE:** PaOneStop 'On-line' Planning Tool Development and Maintenance Project

**Action Requested**

Approve an annual work plan and budget for the period of July 1, 2021 through June 30, 2022 for the continuation of existing services provided by Pennsylvania State University, College of Agricultural Sciences, (PSU CAS) staff in the 'PaOneStop 'On-line' Planning Tool Development and Maintenance Project' (PaOneStop Project).

**Background**

In January 2020, the State Conservation Commission (Commission), the Pa Department of Agriculture (PDA) and the Pa Department of Environmental Protection (DEP) entered into a Letter of Understanding to establish the terms under which the PaOneStop Program will be administered, maintained, and funded through a joint effort of the agencies and the Commission. Subsequently, at its July 22, 2020 public meeting, the Commission approved funding for support of the PaOneStop project and entered into three-year contract with PSU.

This support will continue development and maintenance of the PaOneStop web-based 'on-line' mapping and planning tools to assist agricultural producers in developing manure management plans to meet certain Pennsylvania regulatory requirements. The PaOneStop project established the necessary activities to develop and maintain functional planning modules for manure management; support the enhancement and maintenance of mapping modules developed to support the manure management planning modules and develop and provide appropriate training programs for agricultural producers and agricultural support organizations who may assist producers in the use of the PaOneStop planning modules.

The attached annual work plan and FT2021-22 budget describes technical activities to be provided by PSU College of Agricultural Sciences staff for the continued development and maintenance of the PaOneStop web-based 'on-line' mapping and planning tools for the term of the agreement.



### **Proposal Summary**

The following summarizes project activities outlined in the work plan for FY2021-22 (July 1, 2021 – June 30, 2022).

The project outcomes would/will include the following:

- *Mapping application* - develop and maintain the PAOneStop Mapping Application to include aerial imagery, data, map development tools, and map report generation to ensure consistency with relevant Pennsylvania programs, policies, and Provide support to end-users through the development of educational materials
- *Manure Management Plan Application Development* - maintain a functional manure management plan module that can be utilized by agricultural producers to develop a manure management plan to meet Pennsylvania's Chapter 91 (Manure Management) regulatory requirements.
- *PAOneStop tool Maintenance* - ensure that the system maintains a database of end user information and hosts applications in development status and ensure that data, databases, infrastructure, and hosting is current, secure, and meets Penn State and other relevant requirements.
- *Advisory Group Facilitation* - facilitate appropriate advisory groups as referenced in the most current Letter of Understanding between the State Conservation commission, Pa Department of Agriculture and Pa Department of Environmental Protection to assist in the development and maintenance, guidance and support of future developments of the PaOneStop web-based planning tools. The advisory group should consist of agricultural producers; agricultural consultants and, organizations and agencies involved in the support of the agricultural community in meeting manure management and Ag E&S regulatory requirements.

Commission program staff included an allocation of \$125,000 to further support the PaOneStop project in the Nutrient Management Program budget proposal for fiscal year 2021-22 for consideration by the Commission. A review of projected costs by PSU CAS for program year 2021-22 for the PaOneStop project resulted in no changes to the projected annual costs to support contracted activities for the 2021-22 program year. The attached workplan and budget outlines the proposed costs of the project in Year 2 at \$125,000.

### **Recommendation**

Staff recommends approval of the annual work plan and budget for Project Year 2 for the *PaOneStop 'On-line' Planning Tool Development and Maintenance Project*. Funding of the projects is contingent on the availability of funds appropriated to the Nutrient Management Fund.

Thank you for your consideration of this annual work plans and budget proposal. The Inter-agency and University partnership that has grown around this contract over the years has been the key to developing and maintaining an accessible and functional mapping and planning modules for manure management for the agricultural community.

Attachment



**COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION**

**DATE:** June 24, 2021

**TO:** Members  
State Conservation Commission

**FROM:** Frank X. Schneider  
Director, Nutrient and Odor Management Programs

**THROUGH:** Karl G. Brown  
Executive Secretary

**SUBJECT:** Formation of Nutrient Management and Manure Management Delegation Agreement Workgroup

**Action Requested**

Approval of the formation of a Nutrient Management and Manure Management Delegation Agreement Workgroup to negotiate a new five (5) year delegation agreement.

**Background**

The Commission and the Pennsylvania Department of Environmental Protection (DEP) entered into a joint five (5) year delegation agreement with select conservation districts for Fiscal Years 2017-2022 for Nutrient Management (NM) and Manure Management (MM). That delegation agreement concludes on June 30, 2022.

It is the intent of both the Commission and DEP to enter into another joint 5-year delegation agreement for NM and MM with select conservation districts for Fiscal Years 2022-2027.

The workgroup (and members) that are proposed include the follow representatives:

SCC:

Frank Schneider  
Johan Berger or Eric Cromer  
Mike Brubaker

DEP:

Kate Bresaw  
Tony Liguori

CDs:

Jeff Hill – York

Rich Huether – Blair  
Nate Dewing – Bradford  
Dane Miloser – Chester  
Shawn Hedglin – Mercer  
Jennifer Bratthauar – Franklin  
Kevin Lutz - Lancaster

Over the course of Calendar Year 2021, it is proposed that the workgroup will meet several times through conference call/webinars to negotiate a new joint delegation agreement and a new funding formula.

It is the intent of Commission staff to have a draft delegation agreement and funding formula developed prior to the end of 2021, so that every delegated conservation district can review and provide comments prior to asking the Commission for final action.

It is anticipated that SCC staff will ask for an action on the new joint delegation agreement at the April 2022 Commission meeting.



**COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION**

**TO:** Members  
State Conservation Commission

**FROM:** Frank X. Schneider  
Director, Nutrient and Odor Management

**THROUGH:** Karl G. Brown  
Executive Secretary

**DATE:** June 10, 2021

**RE:** Request to Develop Regulatory Revisions: Chapter 83 State Conservation Commission; Subchapter D; Nutrient Management and Chapter 83 State Conservation Commission; Subchapter E; Nutrient Management Funding Program – Statement of Policy

**Title of the regulation**

1. Chapter 83 State Conservation Commission; Subchapter D; Nutrient Management
2. Chapter 83 State Conservation Commission; Subchapter E; Nutrient Management Funding Program – Statement of Policy

**Summary**

- In spring 1993, the Pennsylvania Nutrient Management Act (Act 6) became law.
- On October 1, 1997, the State Conservation Commission's regulations detailing the requirements under Act 6 went into effect in Pennsylvania.
- Before this legislation became effective, problems with nutrient pollution were handled primarily under the Clean Streams Law.
- Act 6 regulations require high-density animal operations to develop and implement approved nutrient management plans.
- In 2002, the State Conservation Commission (SCC) was required by law to review the Act 6 regulations. This extensive review along with a concurrent policy initiative known as Agriculture, Communities, and Rural Environment (ACRE) resulted in a new law (Act 38), which replaced Act 6, and in revised regulations,
- In October 2006, Act 38 regulations became effective.

**Purpose of Regulation.**

1. The purposes of the regulations are to:

- a. Assure the proper utilization and management of nutrients on Concentrated Animal Operations (CAOs), Volunteer Animal Operations (VAOs) and operations required to develop compliance plans.
- b. Assure the proper utilization and management of nutrients when manure is exported off of the operations covered under Act 38.
- c. Protect the quality of surface water and groundwater.

#### **What is the statutory authority for the proposal**

- Section 4(1) of the Nutrient Management Act (3 P. S. § 1704(1));
- Section 4 of the Conservation District Law (3 P. S. § 852);
- Section 503(d) of the Conservation and Natural Resources Act (71 P. S. § 1340.503(d)).

#### **Do companion federal regulations exist**

- No Federal regulations exist.
- The United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) does have a voluntary Comprehensive Nutrient Management Planning (CNMP) standard that utilizes the SCC approved Act 38 planning template.

#### **Schedule**

- July 2021: Ask the SCC for approval to look at the regulations and start to mark up.
- August 2021 to January 2022: Develop, work with, and presents draft regulation to advisory committees and boards
- February 2022: Prepare proposed rulemaking documents (Annex A (draft regulation), preamble and regulatory analysis form (RAF)) for preliminary review, which includes the Governor's Policy Director and the Office of General Counsel
- March 2022: SCC adopts the proposed regulation
- April 2022: Governor's Budget Office reviews and issues fiscal note and Office of General Counsel formally reviews and approves
- June 2022: Office of Attorney General (OAG) reviews the proposed rulemaking
- August 2022: Preamble and Annex A are submitted to the Legislative Reference Bureau (LRB) for publication in the *Pennsylvania Bulletin*; also submitted, along with RAF, to the Independent Regulatory Review Commission (IRRC) and the House and Senate Ag & Rural Affairs Committees
- September 2022: LRB publishes the preamble and Annex A in *Pennsylvania Bulletin* for public comment
- December 2022: SCC reviews comments from the public, IRRC, and the House and Senate Ag & Rural Affairs Committees to develop the final rulemaking documents
- January 2023: SCC develops and presents the draft final regulation to advisory committees
- February 2023: SCC prepares final rulemaking documents (final Annex A, preamble, RAF and comment and response document) for preliminary review, which includes the Governor's Policy Director and the Office of General Counsel
- May 2023: SCC adopts the final regulation presented by staff
- June 2023: Governor's Budget Office reviews and issues fiscal note and Office of General Counsel formally reviews and approves

- August 2023: Preamble, Annex A, RAF and comment and responses are submitted to IRRC for consideration; copies submitted simultaneously to the House and Senate Ag & Rural Affairs Committees
- House and Senate Ag & Rural Affairs Committees have until 24 hours prior to the start of the IRRC meeting to notify IRRC and the promulgating agency that the Committee(s) will require further review of the regulation after IRRC consideration or if they intend to issue a resolution disapproving the regulation.
- October 2023: IRRC approves or disapproves the regulation at its public meeting.
- November 2023: OAG reviews the final regulation approved by IRRC if it was not disapproved by the General Assembly
- January 2024: Preamble and final Annex A are submitted to LRB, which publishes them in *Pennsylvania Bulletin*

### **Outreach Strategy**

- SCC staff plan to include the Nutrient Management Advisory Board (NMAB) and the Department of Environmental Protection (DEP) Agricultural Advisory Board (AAB) in all aspects of this proposed regulatory revision.
- SCC staff will also work with internal and external program partners from the Pennsylvania State University (PSU) College of Agricultural Sciences, DEP, delegated county conservation districts and the Pennsylvania Association of Conservation Districts (PACD), and NRCS.
- In addition, SCC staff would expect to rely on private and public sector planners and agricultural organizations, such as the Pa Farm Bureau (PFB) and PennAg Industries, to assist in development.

### **Compliance Information**

- All CAOs and Concentrated Animal Feeding Operations (CAFOs) will be affected by the proposed changes.
  - The proposed changes should be cost neutral, or slightly decrease planning costs, as amendments will not be needed for bringing in new lands.

### **What aspects of the regulation may be controversial and with whom**

- SCC staff does not anticipate much opposition from the agricultural side, as they have been asking for some of these changes.
- SCC must be mindful of changes made that they are still protective of water quality so we have support on the environmental side.

### **Will this proposal require data system modification**

- No

### **Staff proposed revisions include (but not limited to)**

#### Chapter 83 State Conservation Commission; Subchapter D; Nutrient Management

- **83.261. General**
  - Remove language on when NMPs are due based on the last regulatory revision, as they are no longer applicable.

- Add that NMPs can be submitted by the operator or their designated plan writer (which is how it is occurring now).
- Add identification if animal housing facilities are leased.
- **83.262. Identification of CAOs.**
  - Update example CAO calculation to new animal weights
- **83.281. Identification of agricultural operations and acreage.**
  - Add that aerial photography must be used as an underlay for maps.
- **83.282. Summary of plan.**
  - Add grouping of Crop Management Unit. The need for plan flexibility is being asked for by the MNPTT and this may be a way to offer.
- **83.291. Determination of available nutrients.**
  - Add mortality compost.
  - Add that only one manure sample may be needed from multiple storages of the multiple storages are managed the same (same animals treated the same, etc.).
  - Change soil sample date to season
  - Delete P-Index implementation schedule and dates, as no longer applicable.
- **83.294. Nutrient application procedures.**
  - Update irrigation discussion to current PSU factsheet
  - Add language about the possible soil moisture chart we may develop for manure injection.
- **83.331. Implementation schedule.**
  - Add BMP language.
- **83.344. Exported manure informational packets.**
  - Update language to what the MMP is titled.
- **§ 83.361. Initial plan review and approval.**
  - Update language that a disapproved NMP needs resubmitted within 30 days, versus the 90 days allowed now.
- **83.362. Plan implementation.**
  - Change language that NMPs need amended every 3 years. The 3-year review by the NMS is not occurring as it is.
- **83.371. Plan amendments.**
  - Delete that plan amendment is need if 3 years of crop yields are less then what was planned, as NMPs are being amended every 3 years due to a change noted above.
  - Delete that a plan amendment is needed for bringing on additional lands. Moved this to plan updates.
  - Delete need to amendment of the P-Index would require. No longer applicable as NMPs are being amended every 3 years due to a change noted above.
  - Updated plan update changes.

Chapter 83 State Conservation Commission; Subchapter E; Nutrient Management Funding\  
Program – Statement of Policy

- Remove the statement of policy from regulation and offer as official policy, which is done with most other programs administered by the SCC

- If regulation is kept, provide the following:
  - i. Update language to refer to districts as conservation districts
  - ii. Update quarterly reporting information.





**COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION**

**TO:** Secretary Russell Redding  
Pennsylvania Department of Agriculture

Members  
State Conservation Commission

**FROM:** Johan E. Berger  
Director, Financial Administration, Policy, Certification & Conservation District  
Programs

Frank X. Schneider  
Director, Nutrient and Odor Management

**THROUGH:** Karl G. Brown  
Executive Secretary

**DATE:** June 30, 2021

**RE:** Request to Develop Regulatory Revisions: Chapter 130b, Nutrient Management  
Specialist Certification; Chapter 130f, Odor Management Specialist Certification

**Title of the regulation**

1. Chapter 130b, Nutrient Management Certification;
2. Chapter 130f, Odor Management Certification

**Summary**

- In spring 1993, the Pennsylvania Nutrient Management Act (Act 6) became law.
- On September 28, 1996, the Pennsylvania Department of Agriculture (PDA) regulations detailing the requirements of Nutrient Management Certification became effective.
- On October 1, 1997, the State Conservation Commission's regulations detailing the requirements under Act 6 went into effect in Pennsylvania.
- In 2002, the State Conservation Commission (SCC) was required by law to review the Act 6 regulations. This extensive review along with a concurrent policy initiative known as Agriculture, Communities, and Rural Environment (ACRE) resulted in a new law (Act 38), which replaced Act 6, and in revised regulations,
- In December 2005 Minor changes were made to the Nutrient Management Certification regulations, promulgated and became effective.
- In October 2006, Act 38 regulations became effective.

- On October 25, 2008, the Odor Management Certification regulations became effective.
- February 27, 2009, the Odor Management regulations became effective
- February 5, 2020, the State Conservation Commission entered into a Memorandum Of Understanding with the Pennsylvania Department of Agriculture and the Pennsylvania Department of Environmental Protection. PDA is charged with the authority to develop and implement the Nutrient Management Specialist and Odor Management Specialist certification programs under the Nutrient Management and Odor Management Act, 3 Pa. C.S.A. §§ 501 et seq. (“Act 38”). The State Conservation Commission (“Commission”) assists PDA in the implementation and administration of these programs under the memorandum.
- PDA is mandated under Act 38 to establish a nutrient management and Odor Management certification programs. The requirements for the Certification Programs are created by regulation Applicants for certification must attend a series of courses designed by PDA to address nutrient and odor management planning principles and technology and pass an examination administered by PDA.

#### **Purpose of Regulation.**

- The purposes of the regulations are to prescribes the procedures and qualifications related to certification of nutrient and odor management specialists. These chapters includes the establishment of fees, delineates the requirements for certification of nutrient and odor management specialists, including recertification criteria and sets forth the conditions of denial, suspension and revocation of nutrient and odor management certification.

#### **What is the statutory authority for the proposal**

- Nutrient Management Act, 3 Pa.C.S. Chapters 3 and 5.
- 3 Pa.C.S. § 508(a) (relating to nutrient management certification program and odor management certification program).

#### **Do companion federal regulations exist**

- No Federal regulations exist.

#### **Schedule**

- July 2021: Ask the SCC for approval to review the regulations and mark up and draft revisions.
- August 2021 to January 2022: Develop, in consultation with, and present draft regulation to advisory committees and boards
- February 2022: Prepare proposed rulemaking documents (Annex A (draft regulation), preamble and regulatory analysis form (RAF)) for preliminary review, which includes the Governor's Policy Director and the Office of General Counsel
- March 2022: SCC considers and adopts the proposed regulation revisions
- April 2022: Governor's Budget Office reviews and issues fiscal note and Office of General Counsel formally reviews and approves
- June 2022: Office of Attorney General (OAG) reviews the proposed rulemaking
- August 2022: Preamble and Annex A are submitted to the Legislative Reference Bureau (LRB) for publication in the *Pennsylvania Bulletin*; also submitted, along with RAF, to the

Independent Regulatory Review Commission (IRRC) and the House and Senate Ag & Rural Affairs Committees

- September 2022: LRB publishes the preamble and Annex A in *Pennsylvania Bulletin* for public comment
- December 2022: SCC reviews comments from the public, IRRC, and the House and Senate Ag & Rural Affairs Committees to develop the final rulemaking documents
- January 2023: SCC develops and presents the draft final regulation to advisory committees.
- February 2023: SCC prepares final rulemaking documents (final Annex A, preamble, RAF and comment and response document) for preliminary review, which includes the Governor's Policy Director and the Office of General Counsel
- May 2023: SCC adopts the final regulation presented by staff.
- June 2023: Governor's Budget Office reviews and issues fiscal note and Office of General Counsel formally reviews and approves the fiscal note.
- August 2023: Preamble, Annex A, RAF and comment and responses are submitted to IRRC for consideration; copies submitted simultaneously to the House and Senate Ag & Rural Affairs Committees
- House and Senate Ag & Rural Affairs Committees have until 24 hours prior to the start of the IRRC meeting to notify IRRC and the promulgating agency that the Committee(s) will require further review of the regulation after IRRC consideration or if they intend to issue a resolution disapproving the regulation.
- October 2023: IRRC approves or disapproves the regulation at its public meeting.
- November 2023: OAG reviews the final regulation approved by IRRC if it was not disapproved by the General Assembly
- January 2024: Preamble and final Annex A are submitted to LRB, which publishes them in *Pennsylvania Bulletin*

### **Outreach Strategy**

- SCC staff plan to include the Nutrient Management Advisory Board (NMAB) and the Department of Environmental Protection (DEP) Agricultural Advisory Board (AAB) in all aspects of this proposed regulatory revision.
- SCC staff will also work with internal and external program partners from the Pennsylvania State University (PSU) College of Agricultural Sciences, DEP, and NRCS in developing proposed regulatory revisions.
- In addition, SCC staff would expect to rely on private and public sector planners and agricultural organizations, such as the Pa Farm Bureau (PFB) and PennAg Industries, to assist in regulatory revision development.

### **Compliance Information**

- All commercial, public, or individual persons that write or review Nutrient and/or Odor Management plans must be certified.
- The proposed changes will increase certification costs to become in line with the current cost of doing business.

**What aspects of the regulation may be controversial and with whom**

- SCC staff anticipates some opposition to the increase of certification fees. Of note the fees for Nutrient Management were set in 1996 and increase in 2005 under a regulatory revision..
- SCC staff anticipates opposition to the inclusion of penalties, in addition to the already existing Denial, Suspension and Revocation of Certificates language

**Will this proposal require data system modification**

- No

**Staff proposed revisions include (but not limited to)  
Chapter 130b, Nutrient Management Certification**

- Throughout
  - Added to the Department, or its designee
- 130f.3. Fees
  - Increase to a reasonable cost reflecting current industry costs
- 130b.11. Determination of competence
  - Update to current list of coursework
- 130b.21. Determination of competence.
  - Update to current list of coursework
- 130b.51. Denial, suspension and revocation of certificates
  - Add Penalties to this section
  - Clarify factors and provisions for consideration

**CHAPTER 130f. ODOR MANAGEMENT CERTIFICATION**

- Throughout
  - Added to the Department, or its designee
- 130f.41. Denial, suspension and revocation of certificates
  - Add Penalties to this section
  - Clarify factors and provisions for consideration



**COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION**

**TO:** Secretary Russell Redding  
Pennsylvania Department of Agriculture

Members  
State Conservation Commission

**FROM:** Johan E. Berger  
Director, Financial Administration, Policy, Certification & Conservation District  
Programs

Frank X. Schneider  
Director, Nutrient and Odor Management

**THROUGH:** Karl G. Brown  
Executive Secretary

**DATE:** June 30, 2021

**RE:** Request to Develop Regulatory Revisions: Chapter 130e; Commercial Manure  
Haulers and Broker Certification

**Title of the regulation**

1. Chapter 130e; Commercial Manure Haulers and Broker Certification

**Summary**

- In 2002, the State Conservation Commission (SCC) was required by law to review the Act 6 regulations. This extensive review along with a concurrent policy initiative known as Agriculture, Communities, and Rural Environment (ACRE) resulted in a new law (Act 38), which replaced Act 6, and in revised regulations.
- As part of the 2002 review of Act 6, it was evident that more attention was needed on manure that was exported away from Nutrient Management Plan operation.
- The Commercial Manure Hauler and Broker Certification Act, created under Act 49 of 2004, requires all owners and employees of a commercial manure hauler or broker business, that commercially haul, land-apply, or broker manure in Pennsylvania to hold a valid certificate issued by the Department of Agriculture (Department) in order to provide their services in Pennsylvania.
- The intent is to ensure that manure generated by agricultural operations is transported and applied in a safe manner. Commercial manure haulers or brokers handling or applying manure on behalf of agricultural operations in Pennsylvania must do so according to an Act

38 nutrient management plan, nutrient balance sheet or other manure management plan developed for the operation.

- All applicants must complete a required training at the appropriate level of certification and pass an examination administered by the Department. Certification must be maintained by a certified hauler or broker by attending and completing continuing education programs approved by the Department.
- The requirements for the Commercial Manure Hauler and Broker Certification Program are established by regulation creating manure hauler and broker levels (Manure Hauler Level 1, 2 or 3 and Manure Broker Level 1 or 2), training and examination requirements that demonstrate a person's competency and understanding of manure handling and application principles. The Training Program Subject Areas document provides information on the available certification levels and how those levels will apply to hauler and brokers in the industry.
- On January 7, 2007, the Commercial Manure Hauler and Broker Certification regulations became effective.
- February 5, 2020, the State Conservation Commission entered into a Memorandum Of Understanding with the Pennsylvania Department of Agriculture and the Pennsylvania Department of Environmental Protection. PDA is charged with the authority to develop and implement the Commercial Manure Hauler and Broker Certification program under the Commercial Manure Hauler and Broker Certification Act, 3 P.S. §§ 2010.1 et seq. ("Act 49"). The State Conservation Commission ("Commission") assists PDA in the implementation and administration of these programs under the memorandum

#### **Purpose of Regulation.**

- The purposes of the regulations are to prescribe procedures relating to the certification of commercial manure haulers and brokers. The regulations include the establishment of fees, delineate the requirements for certification of commercial manure haulers and brokers, and set forth criteria for approval of accredited certification programs.

#### **What is the statutory authority for the proposal**

- 3 P. S. §§ 2010.1—2010.12, and under the specific authority of section 3 of the act (3 P. S. § 2010.3), unless otherwise noted.

#### **Do companion federal regulations exist**

- No Federal regulations exist.

#### **Schedule**

- July 2021: Ask the SCC for approval to review the regulations and mark up and draft revisions.
- August 2021 to January 2022: Develop, in consultation with, and present draft regulation to advisory committees and boards.
- February 2022: Prepare proposed rulemaking documents (Annex A (draft regulation), preamble and regulatory analysis form (RAF)) for preliminary review, which includes the Governor's Policy Director and the Office of General Counsel
- March 2022: SCC considers and adopts the proposed regulation

- April 2022: Governor's Budget Office reviews and issues fiscal note and Office of General Counsel formally reviews and approves fiscal note.
- June 2022: Office of Attorney General (OAG) reviews the proposed rulemaking
- August 2022: Preamble and Annex A are submitted to the Legislative Reference Bureau (LRB) for publication in the *Pennsylvania Bulletin*; also submitted, along with RAF, to the Independent Regulatory Review Commission (IRRC) and the House and Senate Ag & Rural Affairs Committees
- September 2022: LRB publishes the preamble and Annex A in *Pennsylvania Bulletin* for public comment
- December 2022: SCC reviews comments from the public, IRRC, and the House and Senate Ag & Rural Affairs Committees to develop the final rulemaking documents
- January 2023: SCC develops and presents the draft final regulation to advisory committees
- February 2023: SCC prepares final rulemaking documents (final Annex A, preamble, RAF and comment and response document) for preliminary review, which includes the Governor's Policy Director and the Office of General Counsel
- May 2023: SCC adopts the final regulation presented by staff
- June 2023: Governor's Budget Office reviews and issues fiscal note and Office of General Counsel formally reviews and approves
- August 2023: Preamble, Annex A, RAF and comment and responses are submitted to IRRC for consideration; copies submitted simultaneously to the House and Senate Ag & Rural Affairs Committees
- House and Senate Ag & Rural Affairs Committees have until 24 hours prior to the start of the IRRC meeting to notify IRRC and the promulgating agency that the Committee(s) will require further review of the regulation after IRRC consideration or if they intend to issue a resolution disapproving the regulation.
- October 2023: IRRC approves or disapproves the regulation at its public meeting.
- November 2023: OAG reviews the final regulation approved by IRRC if it was not disapproved by the General Assembly
- January 2024: Preamble and final Annex A are submitted to LRB, which publishes them in *Pennsylvania Bulletin*

### **Outreach Strategy**

- SCC staff plan to include the Nutrient Management Advisory Board (NMAB) and the Department of Environmental Protection (DEP) Agricultural Advisory Board (AAB) in all aspects of this proposed regulatory revision.
- SCC staff will also work with internal and external program partners from the Pennsylvania State University (PSU) College of Agricultural Sciences, DEP and NRCS.
- In addition, SCC staff would expect to rely on commercial manure hauler and brokers and agricultural organizations, such as the Pa Farm Bureau (PFB) and PennAg Industries, to assist in regulatory revision development.

### **Compliance Information**

- All persons that commercial hauler or brokers manure must be certified.
- The proposed changes will increase certification costs to bring more in line with cost of doing business today

**What aspects of the regulation may be controversial and with whom**

- SCC staff anticipates some opposition to the increase of fees. Of note the fees were set in 2007 and have remained unchanged for 14 years.
- SCC staff anticipates opposition to the inclusion of penalties, in addition to the already existing Denial, Suspension and Revocation of Certificates language
- SCC staff anticipates opposition to the inclusion of recording keeping submission.

**Will this proposal require data system modification**

- No

**Staff proposed revisions include (but not limited to)  
Chapter 130e; Commercial Manure Haulers and Broker Certification**

- Add record keeping and submission
- 130e.3. Fees
  - Increase to a reasonable cost reflecting current industry costs business
- 130e.22. Certification requirements
  - Look at the addition of language that if a manure hauler 1 is trained in a similar program they are “grand fathered” into hauler 1 certification
- 130e.61. Denial, suspension and revocation of certificates.
  - Add penalties to this section
  - Clarify factors and provision for consideration
- 130e.71. Recordkeeping
  - Submission of records to verify haulers and brokers are meeting record keeping requirement and to improve tracking NBS.





COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION

**Date:** July 13, 2021

**To:** State Conservation Commission

**From:** Eric Cromer  
CEG Program Coordinator

**RE:** Expansion of the Conservation Excellence Grant (CEG) Program and Allocation of Available Funds for FY2021-2022

**Action Requested:** Approval of Expansion of the Conservation Excellence Grant (CEG) Program and allocation of available funds for FY2021-2022.

**Background:** The Commission staff evaluates and determines the expansion and allocation of available funds when funding is available and following the CEG Funding Allocation Strategy recently adopted by the Commission. For FY2021-2022, the CEG Program is currently budgeted for \$2.0 million as part of the Nutrient Management Program budget.

The allocation strategy for funding prioritizes counties consistent with the enabling legislation, based on the county "Tier" classification in the Phase 3 Watershed Implementation Plan (WIP). Priority consideration are to districts that demonstrate the ability to consistently commit and expend CEG funds in a timely fashion and can reasonably document a projected commitment of CEG funding to eligible applicants in the next 6 to 12 months.

The expansion strategy evaluates conservation districts by their need for agricultural BMPs as documented in their County Action Plan (CAP) or other similar planning documents. Other state and federal grant funds currently available in the county and demonstration of agricultural producer interest and readiness for implementation of the BMPs are also considered

Commission staff has been in conversations with each county individually to discuss their CEG Program and future plans. Using the CEG Fund Allocation Strategy and the attached "CEG Funds Spreadsheet", Commission staff recommends expanding CEG into Lebanon County with an allocation of \$750,000. Commission staff also recommends that the remaining \$1.25M be allocated evenly to the remaining delegated counties that have demonstrated the ability to allocate funding in a timely fashion and are willing to accept more CEG funding

**Expansion**

Lebanon County Conservation District - \$750,000\*

\*Lebanon County is designated as a Tier 2 county in the Chesapeake Bay Phase 3 WIP

**Allocations :**

Bedford County Conservation District -	\$250,000
Centre County Conservation District -	\$250,000
Cumberland County Conservation District -	\$250,000
Franklin County Conservation District -	\$250,000
Lancaster County Conservation District -	\$250,000
York County Conservation District-	\$0

**\*\*Allocations listed above expends \$1.25M. If one or more counties do not elect to take the \$250,000 proposed to them, the remaining funds will be redistributed into another county or counties based on the staff's recommendations.**

County	Applications Received	Applications Approved	Applications Contracted	Projects Completed	Grant \$ Committed	Other \$\$ Anticipated Allocations (by end of year)	Total Possible Allocated	Committed + Possible	Total County CEG Budget Allocation for Construction	% Committed vs CEG Allocation (Present)	% Committed + Possible by Year End vs CEG Allocation
Lancaster	23	13	7	3	\$903,000.00	\$400,000.00	\$443,000.00	\$1,346,000.00	\$1,375,000.00	66%	98%
York	7	6	6	4	\$39,314.50	\$300,000.00	\$300,000.00	\$339,314.50	\$1,000,000.00	4%	34%
Cumberland	6	2	0	0	\$350,000.00	\$650,000.00	\$709,000.00	\$1,059,000.00	\$923,470.00	38%	115%
Franklin	20	19	8	0	\$942,894.00	\$400,000.00	\$550,000.00	\$1,492,894.00	\$971,790.00	97%	154%
Bedford	8	0	0	0	\$0.00	\$715,000.00	\$935,000.00	\$935,000.00	\$740,555.00	0%	126%
Centre	5	5	2	0	\$735,000.00	\$250,000.00	\$250,000.00	\$985,000.00	\$690,000.00	107%	143%
<b>Totals</b>	69	45	23	7	<b>\$2,970,208.50</b>		<b>\$3,187,000.00</b>		<b>\$5,700,815.00</b>		

	Potential Projects	Potential I&Es	Potential Project Costs	I&E Cost Estimates
Lebanon	41	24	\$2,095,587.00	\$1,017,587.00



COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION

**Date:** July 13, 2021

**To:** State Conservation Commission

**From:** Eric Cromer  
CEG Program Coordinator

**RE:** Addendum to Grantee-District Agreement for Advanced Payments  
Conservation Excellence Grant Program

**Action Requested:** Approval of Addendum to Grantee-District Agreement for Advanced Payments.

**Background:** The Conservation Excellence Grant Program (CEG Program) guidelines provide for reimbursement of eligible costs for projects approved by the Commission or delegated conservation districts as provided under the program. Program staff believes that according to Section 9 of the CEG Program guidelines noted below, the Commission, and its delegated agent, has the flexibility to establish an opportunity for advance payments for certain project cost.

***Section 9. Funding Limitations:***

*(d) The Commission may choose to reimburse grant recipients based on eligible actual project costs, incentive payments for completed BMPs or any other method deemed appropriate by the Commission.*

Staff has received requests from delegated conservation districts for the ability to advance payments to grantee's for materials at a rate of up to 50% of the cost of the project. An advancement of funds for materials to a grantee will eliminate the need for the grantee to take out a line of credit and contractors will not have a lot of up-front cost that might hinder them from moving forward with high cost projects. By allowing this addendum to the 'Grantee-District' agreement, districts will be able to provide landowners reimbursement for materials for projects where receipts/bills have been provided and the materials meet the standards according to the designed BMP. This addendum will allow districts to move projects forward towards installation of BMPs more quickly.

This advancement request is supported by the fact that districts have already utilized this strategy with other programs like the Commission's Dirt, Gravel and Low Volume Road program and DEP's Growing Greener program.

Legal Counsel has reviewed, provided comments and approved the language included in the addendum to the “Grantee-District” agreement. Staff recommends the Commission approve the Addendum to the Grantee-District agreement.

***See Attachement-Addendum to Grantee-District Agreement***

**CONSERVATION EXCELLENCE GRANT PROGRAM  
ADDENDUM TO GRANTEE-CONSERVATION DISTRICT AGREEMENT  
FOR ADVANCED PAYMENTS**

This addendum is made this \_\_\_\_\_ day of \_\_\_\_\_ (month/year) by and between \_\_\_\_\_ (Grantee) and \_\_\_\_\_ County Conservation District ("District").

The purpose of this addendum is to allow for the advanced payments from \_\_\_\_\_ County Conservation District to \_\_\_\_\_ (Grantee).

**GENERAL PROVISIONS**

1. By signing this addendum, the Grantee warrants that he/she will be using the advanced payments for construction materials such as stone, lumber, concrete or any other materials deemed appropriate by the district.
2. Materials must meet all design and specs for project.
3. The Conservation District agrees to initially advance funds for the eligible materials costs in an amount up to 50% of the project cost of \_\_\_\_\_ (agreement sum).
4. At the discretion of the District, advancement of funds can exceed 50% upon request from the grantee after the initial 50% advancement has been exhausted.
5. The District may hold \_\_\_\_\_% of funding available for the project until the project is complete.
6. At the discretion of the District, if the district deems an incomplete project, Grantee agrees to repay all funding.

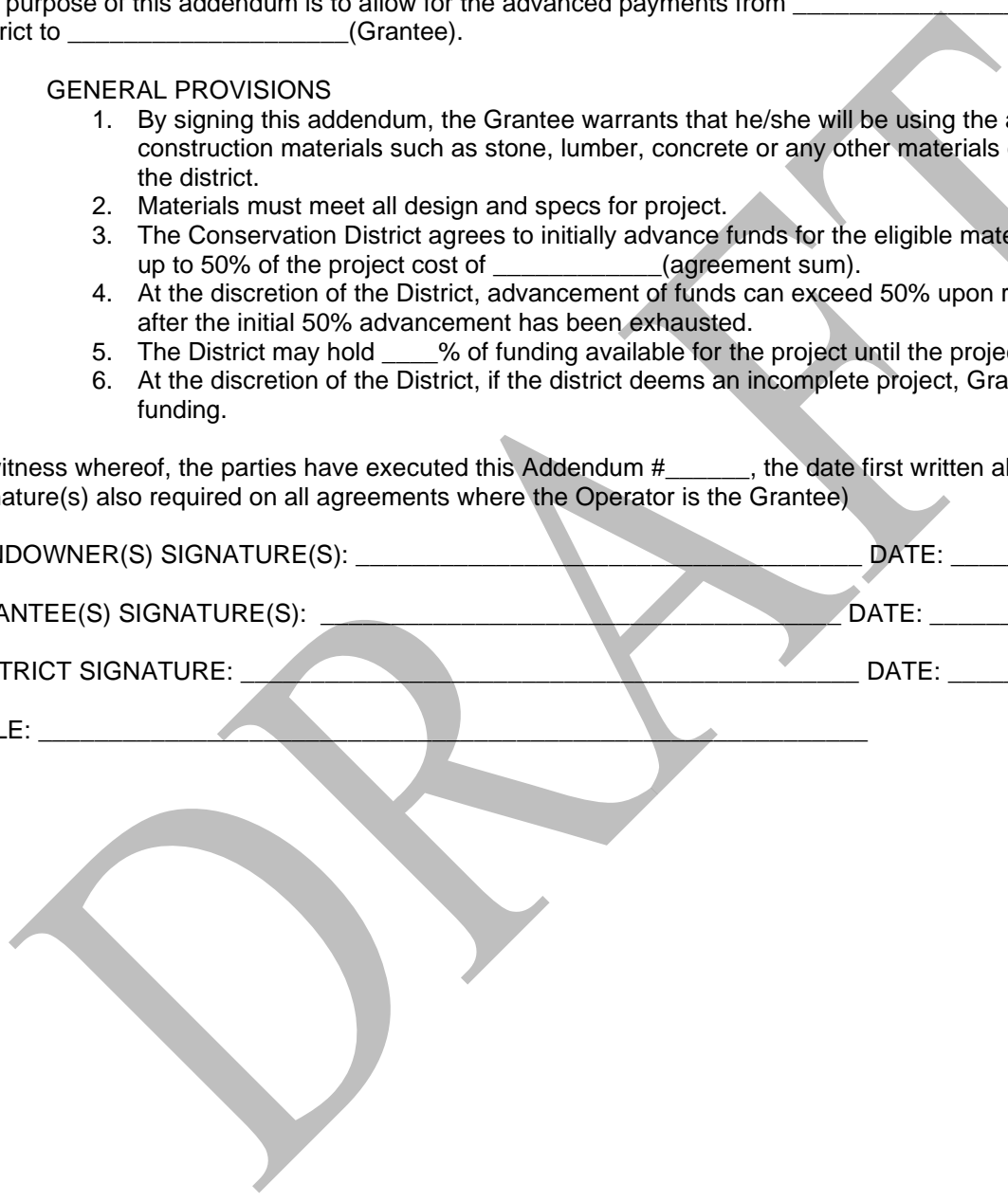
In witness whereof, the parties have executed this Addendum # \_\_\_\_\_, the date first written above. (Landowner signature(s) also required on all agreements where the Operator is the Grantee)

LANDOWNER(S) SIGNATURE(S): \_\_\_\_\_ DATE: \_\_\_\_\_

GRANTEE(S) SIGNATURE(S): \_\_\_\_\_ DATE: \_\_\_\_\_

DISTRICT SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

TITLE: \_\_\_\_\_





COMMONWEALTH OF PENNSYLVANIA  
**STATE CONSERVATION COMMISSION**

**Date:** July 13, 2021

**To:** State Conservation Commission

**From:** Eric Cromer  
 CEG Program Coordinator

**RE:** Cover Crop Eligibility Criteria – Conservation Excellence Grant Program

**Action Requested:** Non-Action

**Background:** CEG Cover Crop Criteria

Cover Crops is a priority best management practice (BMP) according to both the Conservation Excellence Grant (CEG) legislation and the Program Guidelines. Due to limited funding and restrictions the Commission established for small projects (less than \$25,000 in cost) in the CEG guidelines and in an effort to provide some consistency with other Cover Crop eligibility criteria in other programs ( i.e. REAP, EQIP and other conservation district programs) program staff believed it was appropriate to develop a Cover Crop Criteria document for reference for the program. Commission staff, in collaboration with the delegated conservation districts, provided input for the Cover Crop Eligibility Criteria described below:

**Conservation Excellence Grant Program**

**Cover Crop Eligibility Criteria**

In reviewing applications containing cover crops, the following criteria applies:

1. Current Agriculture Erosion & Sedimentation/Conservation Plan must be present and “on-schedule”.
2. Cover crop contracts can be up to two-year contracts paying annually on acres planted.
  - First year of two-year contracts will be for single species cover crop,
  - Second year will be for multi-species cover crop.
3. Maps including fields and acreage of where cover crops are to be planted must be supplied with application.
4. Maximum of **200** acres/year are eligible for cost share
  - Single Species cover crop will be paid a flat rate of \$30/acre,
  - Multi-species cover crop will be \$40/acre.

5. Fields must have **NO** prior cover crop history for single species cover crop applications.
6. Fields with prior single species cover crop history may apply for a multi-species cover crop contracts.
7. Fields that have already received CEG funding for single species cover crop will no longer be eligible to receive funding for single species cover crop. However those fields would still be eligible for multi-species cover crop.
8. Multi-species is defined to consist of at least one small grain/grass and one broadleaf species plant.
9. Cover Crops must be planted by November 1.
10. Cover Crops must be maintained until March 15
11. Cover Crops must be terminated (examples: burnt down, crimped, winter killed).
12. Cover Crops that winter kill must provide at least 25% cover in order to be eligible for payment.
13. Cover Crops may not be used as forage or harvested for grain.
14. Field and Maintenance Verification will be performed by the conservation district to make payment.
15. All seed purchased for cover crop must be tested and properly labeled in accordance with the PA Seed Law and regulations. If the grower elects to use home-grown seed, it must be tested for purity, germination, and absence of noxious weeds by a recognized seed laboratory prior to seeding.
16. If manure or nutrients are applied onto the cover crop, it must be consistent with a current Nutrient Management Plan or Manure Management Plan.

This information is subject to change and is therefore not deemed policy of the CEG program at this time. Program staff will continue to monitor the affectiveness of these criteria and make appropriate adjustments in appropriate.





COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION

**DATE:** June 30, 2021

**TO:** Members  
State Conservation Commission

**FROM:** Johan E. Berger, Director  
Financial, Certification and Conservation District Programs

**RE:** Fiscal Year 2021-22 Program Budget Proposal  
'Building for Tomorrow' Leadership Development Program

**Actions Requested**

Approve a proposed 'Building for Tomorrow' Leadership Development Program 2021-2022 budget of \$169,117.

**Background**

The 'Building for Tomorrow' Leadership Development Program (Program) is a collaborative effort of Pennsylvania's Conservation Partnership, including the Commission, Pa Department of Environmental Protection, Pa Department of Agriculture, USDA Natural Resource Conservation Service, PSU Cooperative Extension, PACD and conservation districts. This professional development program for conservation district directors and staff was created by the Partnership over 30 years ago with a collective goal to create a training program that provides the necessary information for conservation district directors and staff to effectively develop and manage conservation district activities and programs.

Program activities are developed and overseen by the Leadership Development Committee (Committee) that consists of representatives from the Partnership agencies and organizations. The Committee recognizes the scope and complexity of programming and funding at conservation districts has dramatically increased exponentially over the decades. Thus, the need for updated leadership skill sets for directors and staff is essential to manage the rapid changes in district staff and board relationships and conservation district programs. A Leadership Development Coordinator assists the Committee in program development and implementation and assure that efficient coordination of resources made available from conservation partners.

*Special Note: The current contract with PACD, functioning as host organization for the employment of the Leadership Development Coordinator for the Program expired as of June 30, 2021. The Commission is currently evaluating a proposal from PACD to continue as the host organization for the employment of the Leadership Development Coordinator beginning July 1, 2021. It is anticipated the Commission will enter into a 3-year agreement with PACD to host the Leadership Development Coordinator positions to facilitate the implementation of the 'Building for Tomorrow' Leadership Development Program into 2024. Consideration of the proposal and presentation to the Commission will be addressed under a separate memo. .*

### Recommendation

The Committee has developed a list of programs and associated resource needs described in *Attachment 1 - 'Building for Tomorrow' Leadership Development Program 'Proposed 2021-2022 Budget'* for program implementation. The proposed budget totals \$169,117 to support several customary annual program priorities the Committee determined important in the continued effort to enhance and improve conservation district capacity (e.g. employee and director training activities, strategic planning grants); costs for support of the Leadership Development Coordinator and costs for support of the Committee and its sub-committees.

*Program Note: Due to the COVID 19 Department of Health mitigation recommendations, many of the training activities associated with the program elements were modified in calendar years 2020 and 2021 from 'in-person' training to 'on-line/virtual' platforms where appropriate and feasible. The program continues to offer some of the trainings in an 'on-line/virtual' platforms where appropriate and is working toward resuming some 'in-person' training events.*

These initiatives include:

1. *Full-Time Leadership Development Coordinator* - To facilitate program initiatives, the Committee recognizes the necessity to continue to devote resources for a Leadership Development Program Coordinator to assist the Committee. The position is currently hosted by PACD through a contract with the State Conservation Commission.
2. *District Management Summit and Staff Training Conference* – These annual meetings allow district management staff to receive leadership training, exchange expertise and experiences on managing district activities and examine common issues and provides technical staff opportunities to address their inter-personal and leadership knowledge and skills associated with working and relating to the community they serve.
3. *Strategic Planning Grants*: This project reimburses districts for approved expenses associated with completing a strategic plan. A Committee goal is to support 5 conservation districts and provide up to \$1,500 in grants to support a district's efforts to develop a strategic plan.
4. *Director Training and Support* - This project will continue the development of several initiatives that include an update to the Director's Handbook and a one-day, statewide Train-the-Trainer session for DEP Field Representatives and District Managers to focus on director orientation materials and methods.
5. *Management Training Initiative* - This project will continue to implement a manager orientation program ('Manager Boot Camp') and the development of a Manager's Handbook.
6. *Regional Trainings for District Directors* - This project would continue to conduct regional statewide trainings to address Board officer responsibilities that include running a public board meeting, fiscal management and oversight of the conservation district's finances and other topics relevant to the duties and responsibilities of Board of Director officers.

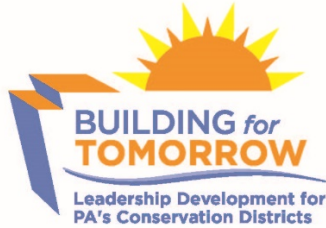
7. *District Transition support* - As a district transitions from a “county employment” affiliation to “independent employment” status they may require assistance in developing a transition plan. The intent of the project is to provide support to a “transitioning” conservation district engaging other conservation district staff, directors and other experts who have already been through a transition or that have expertise in areas that are important for the transition process.

The Committee has reviewed the proposed *‘Building for Tomorrow’ Leadership Development Program ‘Proposed 2021-2022 Budget’* and offers the following recommendations to the Commission for consideration:

*Accept the proposed ‘Building for Tomorrow’ Leadership Development Program FY2021-2022 annual budget of \$169,117 contingent on the availability of funds under the Conservation District Funding Allocation Program as supported by the FY2021-22’ Executive Budget*

Thank you for your consideration of this budget and contract extension proposal. The consideration of these recommendations will allow the Committee to move forward in implementation of the important initiative under the Leadership Development Program in Pennsylvania

Attachment



## Proposed 2021-2022 Program Budget

<b>PROPOSED PROJECT</b>	<b>Proposed Budget</b>
<p><b>Full-Time Leadership Development Coordinator:</b> It is critical that the development, organization and implementation of quality, meaningful leadership and development programs and materials be overseen by a full-time coordinator. Based centrally the coordinator can help assure the efficient coordination of resources available from conservation partners as well as non-traditional partners are secured and made available. Project budget includes salary, benefits, office &amp; overhead costs, travel and computer equipment.</p> <p>Leadership Development Program Coordinator activities include:</p> <ol style="list-style-type: none"> <li>a. Facilitate meetings and planning sessions for the Committee;</li> <li>b. Assist the Committee in the review and evaluation of current training needs of conservation district directors and staff, including the review and analysis of recent director and staff training needs surveys;</li> <li>c. Coordinate the development and implementation of priority training initiatives established by the Committee;</li> <li>d. Review current Leadership Development Program resources and develop a plan to reintroduce and distribute existing resources where appropriate.</li> </ol>	<b>\$104,617</b>
<p><b>Committee Initiatives:</b> Committee meeting expenses including materials, equipment, and expenditures supporting activities between the Committee, its subcommittees and Leadership Development Program Coordinator and the maintenance of the Pa Leadership Development Program website.</p>	<b>\$4,000</b>
<p><b>The ‘District Transition Support’:</b> As a district transitions to independent employment status they may require assistance in developing a transition plan. The intent of the project is to provide support to a “transitioning” conservation district from other conservation district staff, directors and other experts who have already been through a transition or that have expertise in areas that are important for the transition process. This assistance will help to ensure the “transitioning” conservation district continues to be a well-functioning district throughout the transition process from a “county employment” affiliation to “independent employment” status.</p>	<b>\$1,000</b>
<p><b>2019 District Management Summit:</b> This annual meeting allows district management staff to receive leadership training, exchange expertise and experiences on managing district activities and examine common issues, without other commitments or distractions within an environment of shared trust and confidentiality. The Management Summit is scheduled for early September 2019.</p>	<b>\$12,000</b>
<p><b>Staff Training Conference:</b> District Staff are taking on increasingly sophisticated and visible roles and program responsibilities within their respective communities. While there are many “program-related” technical trainings, there are few opportunities on those agendas to address the inter-personal and leadership knowledge and skills associated with working and relating to the constituents they serve. This project involves the planning, development and facilitating state conservation district staff conference to address those needs. A conference is tentatively scheduled for February 2020.</p>	<b>\$14,000</b>

	<b>Proposed Budget</b>
<p><b>Strategic Planning Grants:</b></p> <p>A renewed interest in strategic planning has excited inspired over 65% of conservation districts to have met with partners, municipalities and community representatives to complete strategic business plans. This project reimburses districts for up to \$1,500 in approved expenses associated with completing a strategic plan. A Committee goal is to support five conservation districts in their efforts to develop strategic plans in 2019-2020.</p>	<b>\$7,500</b>
<p><b>Director Support Projects:</b></p> <p>Delivery of a director training and orientation program has been demonstrated to be most effective if delivered both at the local level and within 6 months of being appointed. This project proposes the development of several initiatives to be overseen by a representative work group to help supplement local training programs and provide a team of mentors available to new board members. Initiatives may include:</p> <ol style="list-style-type: none"> <li>1. An update to the current Director’s handbook to reflect changes in laws, regulations and policies related to District Director job duties. It is anticipated that LD Program Coordinator will have primary responsibility for work.</li> <li>2. 1-day Statewide Train-the Trainer for DEP Field Reps and District Managers (both of whom were identified by directors as the primary source of orientation) to share orientation materials, successful approaches and identify needed tools.</li> <li>3. Continuation of the Director Orientation workgroup, consisting of representatives of local districts and LD Partners to continue the following tasks: <ol style="list-style-type: none"> <li>a. Review and recommend changes to the Director Handbook to reflect the needs of the “modern” conservation district director</li> <li>b. Update the director job description and individual learning plan and develop a recommended “learning syllabus” for new directors</li> <li>c. Develop a “County-level” delivery system of orientation and Director Handbook knowledge</li> <li>d. Investigate the development of a formal inter-district director mentorship program.</li> </ol> </li> <li>4. Review and update on-line ‘Director Training Modules and other content delivery mechanisms.</li> </ol>	<b>\$4,000</b>
<p><b>Management Training Initiative:</b></p> <p>District Management has grown in sophistication and complexity, often including managers, middle managers and team leaders. With increasing District responsibilities, budgets and program scope, knowledgeable, capable management continues to be a vital component of District capacity. This project will include:</p> <ul style="list-style-type: none"> <li>• Continued development of an accreditation/training plan, evaluate training materials and options available through several venues and sources for the development of professional managers</li> <li>• Continued development and facilitation of a Manager Boot Camp training program and related events.</li> <li>• Develop a Manager’s Handbook</li> <li>• Continue support of a Manager Training / Accreditation Workgroup to develop and oversee above projects</li> </ul>	<b>\$10,000</b>
<p><b>Regional Trainings for District Directors</b></p> <p>The delivery of specific trainings at the regional level has been a well received and effective method. With the increase in complexity, sophistication and scope of responsibilities and programming at the District level it is vital that District Directors and their corresponding staff receive current and valuable information. This project proposes that no less than six regional trainings be held around the State to address topics including, but not limited to: chair responsibilities in running a public board meeting, treasurer and/or accounts supervisor responsibilities, and other relevant topics as approved by the LD Committee and the Director Training Subcommittee.</p>	<b>\$12,000</b>
<b>TOTAL</b>	<b>\$169,117</b>



**COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION**

July 13, 2021

To: Members  
State Conservation Commission

From: Karl G. Brown  
Executive Secretary

RE: Proposal for Hosting of the Leadership Development Program  
Coordinator

Additional information pertaining to this agenda item will be provided at our  
July 13, 2021 Commission Meeting.



**COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION**

**Date:** July 2, 2021  
**To:** Members  
**From:** Karl G. Brown  
 Executive Secretary  
**RE:** 'Proposed' Allocations  
 FY 21-22 Conservation District Fund Allocation Program

**Action Requested:**

Adopt an allocation concept for the FY 21-22 Conservation District Fund Allocation Program (CDFAP).

**Background:**

The State Conservation Commission is scheduled to consider FY 21-22 allocations for the Conservation District Fund Allocation Program (CDFAP) at its July 13, 2021 meeting. Information for this action is based on appropriation figures provided in the Governor's enacted FY 2021-22 Pennsylvania state budget.

Funds provided for distribution under this action are traditionally provided through line item appropriations to DEP and PDA, and through an earmarked transfer from the Unconventional Gas Well Fund (UGWF) to the Conservation District Fund (CDF). For FY 2021-22, the enacted state budget includes the following specific line item amounts:

**FY 2021-22 'Enacted' State Budget:**

DEP CDF Line Item	\$2,506,000
PDA CDF Line Item	\$869,000
UGWF CDF Transfer*	<u>\$4,086,827</u>
<b>Total .....</b>	<b>\$7,461,827</b>

*\*Please note that the Consumer Price Index (CPI) adjustment, afforded under Act 13, provided for an increase of \$138,202 made to the UGWF transfer for FY 2021-22.*

In addition to the funds listed above, the UGWF has distributed an additional \$4.086 million directly to conservation districts through the Pennsylvania Public Utility Commission (PUC) in the form of "block grants". The PUC block grant allocation will be \$61,921.62 per conservation district for FY 2021-22. (Please note, the Commission does not have decision-making authority over PUC-UGWF revenue provided to conservation districts.)

Program staff developed one allocation concept for the Commission to consider at its July meeting. The allocation concept is consistent with the formula the Commission has used to allocate CDFAP Funds for the past several years and developed based on information in the enacted state budget.

The following is a summary of the proposed concept:

'Proposed' Concept – Enacted State Budget

*Distribution of 'line item' appropriations under the governor's proposed FY2021-22 state budget and 'well-count' allocations based on a **15-year** average.*

- State appropriations at FY2021-22 levels (\$3.375 Million).
- Supports 'department' program priorities for positions at the same level as FY20-21 (Manager, E&S and Agricultural technicians).
- Portion of UGWF revenue (\$100,585) utilized to maintain funding for E&S and Agricultural technicians at a maximum level of \$16,225 per position.
- Statewide special project funds (\$306,817) taken off the top of UGWF; this is an increase over FY20-21 funding levels.
- 50/50 split of remaining UGWF revenue:
  - All districts receive \$27,874 UGWF an increase of \$882 over FY20-21
  - \$15,000 base for counties where 15-year average of DEP regulated spudded well is greater than 'zero (0)'.
    - \$1,683.76 per well, where 15-year average of DEP regulated spudded well is greater than 'zero (0)'.
      - **15-Year average (2006-2020)** of DEP regulated spudded wells.

If Commission members have any questions, or need any additional information, please feel free to contact either Karen Books at 717-772-5649 or Johan Berger at 717-772-4189, as they were actively involved in developing these concepts and this background information.

Attachments (2)



PROPOSED ALLOCATION CONCEPT FY2021-22

1	Allocation of CDFAP Line Items and \$1,839,712.46 (50%) SCC UGWF Monies - Statewide Special Projects (SSP allocation item 'D')				Additional CDFAP Allocation of Remaining \$1,839,712.46 (50%) of SCC UGWF Monies		E	F	G
	A1	A2	A3	B	Average Unconventional Well Count per County for 2006 - 2020 as collected by DEP	C			
	Manager (\$22,350)	1st E&S Tech. (\$16,225)	ACT Tech. (\$16,225)	CDFAP UGWF Monies (\$27,874)		UGWF Collection Year 10 \$4.086 M - CDFAP UGWF Monies - SSP = \$1,839,712.46 (\$15,000 base + \$ 1683.76 /well)			
County									
Adams	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Allegheny	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	10.6	\$ 32,848	\$ 115,522	\$ 61,922	\$ 177,444
Armstrong	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	18.1	\$ 45,426	\$ 128,400	\$ 61,922	\$ 190,022
Beaver	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	9.2	\$ 30,491	\$ 113,165	\$ 61,922	\$ 175,087
Bedford	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	0.1	\$ 15,118	\$ 97,792	\$ 61,922	\$ 159,714
Berks	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Blair	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	0.4	\$ 15,674	\$ 98,348	\$ 61,922	\$ 160,270
Bradford	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	96.1	\$ 176,759	\$ 259,433	\$ 61,922	\$ 321,355
Bucks	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Butler	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	41.7	\$ 85,162	\$ 167,837	\$ 61,922	\$ 229,758
Cambria	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	0.1	\$ 15,219	\$ 97,893	\$ 61,922	\$ 159,815
Cameron	\$ 22,350	\$ 14,950	\$ 16,085	\$ 27,874	5.7	\$ 24,648	\$ 105,907	\$ 61,922	\$ 167,829
Carbon	\$ 22,350	\$ 16,225		\$ 27,874			\$ 66,449	\$ 61,922	\$ 128,371
Centre	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	3.3	\$ 20,506	\$ 103,180	\$ 61,922	\$ 165,102
Chester	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Clarion	\$ 22,350	\$ 16,225		\$ 27,874	2.5	\$ 19,159	\$ 85,608	\$ 61,922	\$ 147,530
Clearfield	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	7.5	\$ 27,578	\$ 110,252	\$ 61,922	\$ 172,174
Clinton	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	6.2	\$ 25,439	\$ 108,114	\$ 61,922	\$ 170,035
Columbia	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Crawford	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	0.2	\$ 15,337	\$ 98,011	\$ 61,922	\$ 159,933
Cumberland	\$ 22,350	\$ 16,225	\$ 15,350	\$ 27,874			\$ 81,799	\$ 61,922	\$ 143,721
Dauphin	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Delaware	\$ 22,350	\$ 16,225	\$ 3,000	\$ 27,874			\$ 69,449	\$ 61,922	\$ 131,371
Elk	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	12.4	\$ 35,879	\$ 118,553	\$ 61,922	\$ 180,475
Erie	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Fayette	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	22.5	\$ 52,935	\$ 135,610	\$ 61,922	\$ 197,531
Forest	\$ 22,350	\$ 16,225		\$ 27,874	0.9	\$ 16,465	\$ 82,914	\$ 61,922	\$ 144,836
Franklin	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Fulton	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Greene	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	97.5	\$ 179,116	\$ 261,791	\$ 61,922	\$ 323,712
Huntingdon	\$ 22,350	\$ 16,225		\$ 27,874	0.1	\$ 15,118	\$ 81,567	\$ 61,922	\$ 143,489
Indiana	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	2.5	\$ 19,260	\$ 101,934	\$ 61,922	\$ 163,856
Jefferson	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	2.8	\$ 19,715	\$ 102,389	\$ 61,922	\$ 164,311
Juniata	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Lackawanna	\$ 22,350	\$ 16,225	\$ 4,100	\$ 27,874			\$ 70,549	\$ 61,922	\$ 132,471
Lancaster	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Lawrence	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	4.0	\$ 21,735	\$ 104,409	\$ 61,922	\$ 166,331
Lebanon	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Lehigh	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Luzerne	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Lycoming	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	66.3	\$ 126,583	\$ 209,257	\$ 61,922	\$ 271,179
McKean	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	7.7	\$ 28,015	\$ 110,690	\$ 61,922	\$ 172,612
Mercer	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	3.8	\$ 21,398	\$ 104,073	\$ 61,922	\$ 165,994
Mifflin	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Monroe	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Montgomery	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Montour	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Northampton	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Northumberland	\$ 22,350	\$ 16,225		\$ 27,874			\$ 66,449	\$ 61,922	\$ 128,371
Perry	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Philadelphia							\$ -	\$ -	\$ -
Pike	\$ 22,350	\$ 16,225		\$ 27,874			\$ 66,449	\$ 61,922	\$ 128,371
Potter	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	6.5	\$ 25,894	\$ 108,568	\$ 61,922	\$ 170,490
Schuylkill	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Snyder	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Somerset	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	1.2	\$ 17,021	\$ 99,695	\$ 61,922	\$ 161,617
Sullivan	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	9.9	\$ 31,619	\$ 114,293	\$ 61,922	\$ 176,215
Susquehanna	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	114.2	\$ 207,285	\$ 289,960	\$ 61,922	\$ 351,881
Tioga	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	61.5	\$ 118,501	\$ 201,175	\$ 61,922	\$ 263,097
Union	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Venango	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	0.1	\$ 15,219	\$ 97,893	\$ 61,922	\$ 159,815
Warren	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	0.1	\$ 15,118	\$ 97,792	\$ 61,922	\$ 159,714
Washington	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	124.7	\$ 225,015	\$ 307,690	\$ 61,922	\$ 369,611
Wayne	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
Westmoreland	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874	19.5	\$ 47,884	\$ 130,558	\$ 61,922	\$ 192,480
Wyoming	\$ 22,350	\$ 16,225		\$ 27,874	21.1	\$ 50,578	\$ 117,027	\$ 61,922	\$ 178,949
York	\$ 22,350	\$ 16,225	\$ 16,225	\$ 27,874			\$ 82,674	\$ 61,922	\$ 144,596
<b>Totals</b>	\$ 1,475,100	\$ 1,069,575	\$ 930,910	\$ 1,839,712	780.8	\$ 1,839,713	\$ 7,155,011	\$ 4,086,827	\$ 11,241,838
		\$2,544,675	\$930,910						
		\$3,475,585							
					<b>D</b>	<b>Statewide Special Projects (SSP)</b>			<b>Grand Total of All Allocations \$ 11,548,655</b>
						ACT Boot Camp \$ 31,700			
						Leadership Development \$ 169,117			
						Ombudsman \$ 106,000			
						<b>\$ 306,817</b>			

**NOTES**

**CHART 1** illustrates a distribution of CDFAP FY2021-22 'Line Item' appropriations under the approved FY2021-22 state budget AND a 50/50 split of ACT 13 UGW Funds (UGWF) distributed by the State Conservation Commission under the CDFAP Statement of Policy.

Applies a \$15,000 base grant to each county where the 15-year average of documented spudded gas wells is greater than 'zero (0)'. And, a per well credit is provided based on a 15 year average of spudded wells, in their respective county, based on well count information provided by DEP.

**CDFAP/UGW Available Funding (FY2021-22)**

CDFAP/UGWF	\$	4,086,827	*
DEP 'Line Item' Approp.	\$	2,506,000	
PDA 'Line Item' Approp.	\$	869,000	
<b>Subtotal</b>	<b>\$</b>	<b>7,461,827</b>	
PUC Block Grant	\$	4,086,827	**
<b>Grand Total</b>	<b>\$</b>	<b>11,548,654</b>	

**DISTRIBUTION INFORMATION 'DENOTED' BY COLUMN/ITEM ('A' thru 'G')**

**A1, A2 & A3** = DEP/PDA 'Line Items' (\$3.375M)

- 1) Supports 'department' program priorities (Manager, E&S Tech, ACT)
- 2) Relative to FY2020-2021 distribution
  - <sup>1</sup> DM funding - NO CHANGE
  - <sup>2</sup> 1st Tech - NO CHANGE
  - <sup>3</sup> ACT - NO CHANGE

\* Special Note: A portion of Act 13 revenue diverted to column A2 & A3 to equalize technician funding allocations for 1st E&S and ACT Technicians to \$16,225. Total UGWF utilized \$100,585 funds. Slight decrease from 20-21

**B** = 'CDFAP/UGWF Monies' - 50% of SCC UGWF (\$1,839,712.46) - equal amount distributed to ALL districts - INCREASED

**C** = 'UGWF Year 10' - 50% of SCC UGWF (\$1,839,712.46) - SLIGHT INCREASE

- 1) \$15,000 base grant ONLY to counties where the 15-year average of documented spudded gas wells is greater than 'zero (0)'.
- 2) Funding distributed ONLY to counties where the 15-year average of documented spudded gas wells is greater than 'zero (0)', based on a 15 year average of DEP documented

**D** = Funding needs for 'priority' statewide special projects (~ \$306,817) - SLIGHT INCREASE

- 1) Allocated from UGW funds prior to allocation to CDFAP priorities and well count districts.

**E** = Total CDFAP 'Line items' and 'UGWF' distributed by the State Conservation Commission to conservation district.

**F** = UGW 'Block Grant' - \$4.086M/66 districts - equal amounts distributed by PUC to ALL districts. \*\*

**G** = Total of all funds distributed to conservation district - PUC 'Block Grant'; CDFAP 'Line Items' & SCC UGWF.

**SPECIAL NOTES:**

\* UGW funding includes an increase of \$138,201.92 due to CPI adjustment distributed across items B & C.

\*\* The SCC does not have decision-making authority over PUC Block Grant revenue distribution.



COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION

Date: July 13, 2021

To: State Conservation Commission Members

From: Karl G. Brown  
Executive Secretary

RE: Pennsylvania Envirothon  
State Board of Directors Appointment

Action Requested:

Appointment of Karen Books to the Pennsylvania Envirothon State Board of Directors.

Background:

According to the Pennsylvania Envirothon Program Bylaws, the State Conservation Commission is allowed to appoint 2 persons to the Envirothon State Board of Directors. Michael Aucoin (SCC) is currently serving a 4-year term that will end July 31, 2022. Karen Books (DEP) is serving a 4-year term that will expire on July 31, 2021.

I recommend the Commission reappoint Karen Books to serve an additional term on the Envirothon State Board of Directors. Karen has been active with the Pennsylvania Envirothon since 1991, when she represented Northumberland County as a state Envirothon participant with the Milton High School. Over the years, Karen has served on the State Envirothon board while working Northumberland and Union Conservation Districts, as well as while working with DEP.

With Karen's appointment to the Envirothon State Board of Directors, DEP, PDA and the Commission will have continued representation on the State Envirothon Program Board and will be able to provide a broad array of support services and resources to the Pennsylvania State Envirothon Program.



**COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION**

DATE: June 28, 2021

TO: State Conservation Commission Members

FROM: Frank X. Schneider, Director  
Nutrient and Odor Management Programs

THROUGH: Karl G. Brown  
Executive Secretary

RE: Nutrient and Odor Management Programs Report

The Nutrient and Odor Management Program Staff of the State Conservation Commission offer the following report of measurable results for the time-period of May / June 2021.

For the months of May and June 2021, staff and delegated conservation districts have:

1. COVID-19:
  - a. All staff working remotely and assisting CD and other agencies. Normal work functions occurring.
2. Odor Management Plans:
  - a. 5 OMPs in the review process
  - b. 7 OMPs Approved
  - c. 3 OMP approvals Rescinded
3. Reviewed and approved 44 Nutrient Management (NM) Plans in the 1<sup>st</sup> quarter of 2021.
  - a. Those approved NM plans covered 7,872 acres
  - b. Those approved NM plans included 18,944 Animal Equivalent Units (AEUs), generating 282,814 tons of manure.
4. Managing six (6) ACTIVE enforcement or compliance actions, currently in various stages of the compliance or enforcement process. Monitoring an additional eight (8) other cases of enforcement or compliance of interest.
5. Continue to daily answer questions for NMP and OMP writers, NMP reviewers, delegated Conservation Districts, and others.
6. Assisted DEP with various functions and as workgroup members in Federal and State settings for the Chesapeake Bay Program.
7. Started a preliminary review of the regulations for:
  - a. Act 38

- b. Act 49
  - c. NM Certification
  - d. OM Certification
8. Started to finalize update to (to be presented to the SCC in September):
    - a. NM Technical Manual;
    - b. Nutrient Management and Manure Management Administrative Manual;
    - c. OMP Program Guidance and Technical Manual
  9. Worked on Developing NMF budget for FY21-22.
  10. Worked on receiving and process FY21-22 CD NM/MM Budget proposals.
  11. Started the formation of a work group of agencies and CDs to develop the Required Output Measures (ROMs) for the next 5-year delegation agreement.
  12. Worked with DEP to transfer the next NM/MM delegation agreement to the E-Grants submission process.



**COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION**

DATE: July 1, 2021

TO: State Conservation Commission Members

FROM: Frank X. Schneider, Director  
Nutrient and Odor Management Programs

THROUGH: Karl G. Brown  
Executive Secretary

RE: Act-38 Nutrient and Manure Management Program Evaluations

In October 2018, SCC staff started to perform combined Nutrient and Manure Management Program Evaluations with delegated Conservation Districts during the current 5-year delegation agreement time frame.

During these evaluations, SCC and DEP staffs are reviewing the performance of conservation districts under the current agreements. The intent is to evaluate all conservation districts in a 4-year timeframe with an overall goal of improving and enhancing program delivery.

The specific purpose of these evaluations is to verify that the districts are meeting the obligations contained in their delegation agreements. In addition, the evaluation provides the conservation districts with the opportunity to comment on the program requirements, SCC and DEP policies and procedures, SCC and DEP training, administrative and technical support, and the district's working relationship with the SCC and DEP Regional Office and other related agencies or partners. It also allows SCC and DEP staff to make recommendations and suggestions aimed at assisting the conservation district in enhancing and/or improving its administration of the program.

Between January 2021 and June 2021, a total of 7 conservation districts were evaluated. All districts evaluated were meeting program requirements and had an overall ranking of "satisfactory".

**Below are highlights of SCC/DEP recommendations (number of times).**

1. The SCC is appreciative of the CD allowing and encouraging their Ag staff to hold NRCS job approval and applauds their efforts in assisting their producers with Inventory and Evaluations (I&Es), BMP designs, cost estimates, and BMP construction checks during the evaluation period. (4 of 7)

2. The SCC appreciates the way, and when, the CD gets their SCC Regional Coordinator involved with compliance issues, not calling the SCC with every question, but also not waiting until the situation becomes overwhelming, and always doing so in a professional manner. (2 of 7)
3. The SCC would like to share that the CD has done an excellent job in following the SCC's compliance policy, including mailing out the necessary letters, communicating with the SCC, working with the SCC to provide appropriate deadlines, following through with follow-up visits, and holding their producers and planners accountable. (2 of 7)
4. The SCC appreciates the CD coordinating their educational and outreach efforts not only with their agency partners (DEP and NRCS) but also SRBC and the PA4R Alliance. (7 of 7)
5. Both the SCC and DEP acknowledge that the CD met their required output measures (ROMS) of *formal* education and / or informational programs as obligated in their Delegation Agreement, but then also commends the CD for far exceeding their required number of *informal* educational efforts. (3 of 7)
6. The SCC acknowledges and appreciates the CD's good working relationship with NRCS. (1 of 7)
7. The SCC acknowledges that the CD is properly following the program's and DEP's procedures for reviewing their CAFO NMPs, including; properly communicating with DEP, getting plans posted in the PA Bulletin in a timely manner, requesting comments from DEP, and cc'ing DEP in on correspondences. (1 of 7)
8. The SCC appreciates the CD offering information to their producers on financial assistance information, including information on REAP, EQIP, 319, CBP Phase II, and DEP's Plan Reimbursement Program. (3 of 7)
9. DEP acknowledges and appreciates the CD's prompt submission of their quarterly reports to the Department for both the Act 38 and Chapter 91 Programs. (3 of 7)
10. DEP commends the CD for working with an estimated 60+ producers one-on-one in MMP development, over and above the MMP writing workshop they offered. (1 of 7)
11. Both the SCC and DEP acknowledge that the CD met their required output measures (ROMS) of *formal* education and/or informational programs as obligated in their Delegation Agreement, but then also commend the CD for far exceeding their required number of *informal* educational efforts. (4 of 7)
12. SCC/DEP suggest that the CD draft a technical assistance policy and have it adopted by board. (1 of 7)
13. The CD did not have a good tracking system to follow up on compliance issues in the past. (1 of 7)
14. SCC recommended that the CD send formal letter to operator after each inspection to document finding and if corrective actions are needed and that timeframes be listed for each non-compliance issue. If operation was in compliance, then formal letter will document those findings, as well. (1 of 7)
15. SCC informed the CD that they are required to discuss issues with SCC Regional staff prior to sending 2nd and final notice formal letters to operators as per Act 38 Compliance Strategy, as well as, send copies of the 2nd and final notice letters to the SCC. (3 of 7)

16. SCC informed the CD that Attachment F's are required to be printed from PK for each approved/disapproved NMP and retained in the official office file. (1 of 7)
17. SCC informed the CD that all formal letters, including those reminder letters to amend NMP, need sent as per directed from the NM Compliance Strategy. (1 of 7)
18. SCC/DEP recommend that a formal complaint policy be developed and adopted by BOD. (1 of 7)
19. SCC recommends that the CD follow the file retention direction in the NM Administrative Manual and purge some documents in the existing Act 38 file. (1 of 7)
20. The District should continue to maintain reciprocal agreements with neighboring counties. (1 of 7)
21. The CD should consider using an electronic calendar to set reminder for status reviews and compliance follow-up deadlines. (2 of 7)
22. The SCC recommends the CD use the technical comment letter to document NMP reviews. (2 of 7)
23. The CD should consider developing a tracking system for NMP and imported/exported manure in the county. (1 of 7)
24. The CD should continue to develop the Con-6/NMP file note system. (2 of 7)
25. The SCC recommends the CD expand their educational programs for NM and MM. (1 of 7)
26. Both the SCC and DEP acknowledge that the CD had many additional challenges to deal with during the evaluation period due to the limitations brought on by COVID-19. (2 of 7)
27. The CD is directed to the NM Administrative Manual, Chapter 2, section 1, and Chapter 5, page 23-24 (which is their Delegation Agreement) for details regarding their obligations to the Odor Management side of the Act 38 Program. In general, the CD's responsibilities are mostly limited to educational outreach, but also the need to share with the SCC those known farm operations with proposed building or expansion projects that may fall under the OM Regulations. (2 of 7)
28. The CD is reminded that in reviewing NMP, a site visit is required for importing farms within their county if staff has no working knowledge of that importer's farm. (1 of 7)
29. Both the DEP and SCC appreciate the CD writing Ag E&S / Conservation Plans for their operators. (3 of 7)
30. The SCC appreciates the CD administering 10-15 Act 49 Level 2 Commercial Manure Hauler Tests during the evaluation period. (1 of 7)
31. Although the CD was not able to complete 100% of their NM Status Reviews during the evaluation period, they are to be commended for performing as many as they did, as well as performing almost all their other Delegation Agreement ROMs, despite all the restrictions brought on by COVID-19. (2 of 7)
32. Regarding the question of does you district have enough staff to carry out the program successfully, the SCC greatly appreciates the CD's District Manager giving credit to her staff for their high level of competency. (1 of 7)
33. DEP commends the CD for being able to write every MMP that was requested, writing a total of 44 MMPs. (2 of 7)
34. Although not a mandate, the CD is strongly encouraged to have a signed reciprocal agreement with at least one other district. The main reason for this is to



- help eliminate any incorrect assumptions that may come up between the two districts. A sample reciprocal agreement can be found in the NM Administrative Manual. If a district chooses to use a different agreement, they are required to supply a copy to the SCC for review and filing. (3 of 7)
35. The CD shared that a lot of compliance issues they encounter are missing manure tests and missing NBS for new importers. With these issues staff has had the operator take the manure test, or submit the NBS "ASAP", but the CD usually does not give deadlines for these "minor" issues. The CD is reminded that deadlines are an important part in maintaining the integrity of the Act 38 Program. If staff wants to offer the timing of "ASAP" to producers for correcting a minor deficiencies, a more appropriate way to deal with these situations is to verbally offer the operator the ability to complete the task before the follow-up letter is sent, then let them know that staff will need to send the follow up letter no later than 2 weeks from the date of the visit. Then if at the end of the two weeks the deficiency has not been corrected, the CD needs to follow through with sending the non-compliance letter. This direction could also apply to an operator's records that were not available or complete the day of the site visit.
  36. The CD should continue online and in-person NM/MM educational opportunities. (1 of 7)
  37. The CD has a good working relationship with the plain sect community in the county. (1 of 7)

**Below are highlights of conservation district comments (number of times)**

1. Regarding ways to possibly make the program less intimidating to farmers, the CD offers:
  - a. allowing Act 38 NMPs to be more flexible could help. The CD shares that the current prescribed and inflexible planning requirements are an obstacle for farmers.
  - b. Lower the cost of plans or offer cost-share assistance;
  - c. Require less paperwork;
  - d. Simplify NMP content to allow for easier understanding and interpretation of the plan.
  - e. Current trainings should include the review of multiple, real-life NMPs of different types of operations;
  - f. How to review NBSs; and,
  - g. How to properly complete NM Status Reviews (what information is required for each question, what makes an operation out of compliance, etc.).
  - h. Current trainings should include the review of multiple, real-life NMPs of different types of operations;
  - i. How to review NBSs (5 of 7)
2. In considering their educational or training needs, the CD shared that a refresher course or training that focuses on recent changes in the program may be helpful. (1 of 7)
3. In answering the question, what can the SCC do to help in the plan review process, the CD responded that they believe SCC staff do a good job of working with CDs to understand the issues and provide guidance to situations that are not necessarily black and white. (2 of 7)

4. Regarding ways the SCC can improve training, the CD suggested that showing a larger variety of in-field situations along with SCC guidance addressing those situations could be helpful for newer technicians. (2 of 7)
5. When asked what training is needed that currently is not offered, the CD offered:
  - a. Basic Ag E&S and Conservation Plan training would be helpful so technicians can be aware of their planning requirements and how those requirements interact with NMPs / MMPs.
  - b. Practice Keepers training, and how CD's can get proper credit for their efforts. (1 of 7)
6. Concerning ways enforcement support from the SCC / DEP could be improved, the CD offers that they believe they get the necessary State support they need. (1 of 7)
7. Concerning ways state staff can provide help with outreach efforts, the CD staff think the program needs to move away from printed resources and focus more on e-materials. (1 of 7)
8. The CD shared that they consider their 4-6-week reimbursement to be timely. (2 of 7)
9. Concerning ways enforcement support from the SCC / DEP could be improved, the CD offers that they believe they get the necessary support they need. (1 of 7)
10. CD training needs include – staff are interested in Quick books training, any training available for new CD staff. (1 of 7)
11. CD staff indicated items that could be useful/helpful are - Graphic design for ads/promotion of the Act 38 and MMP programs. (1 of 7)
12. CD recommends that more centralized locations of training when possible to decrease travel. (1 of 7)
13. CD staff appreciate the SCC regional coordinators support. (3 of 7)
14. CD staff would like more training on the administrative/paperwork side of the program. (1 of 7)
15. CD staff would like more networking opportunities with other districts especially in the area of NM/MM educational programming. (1 of 7)
16. The CD offers that Administrative and Technical Manuals are sometimes found to be vague and ambiguous, creating unclear guidance and different interpretations between NM staff person and NM planner. Training more relevant to the CD's daily tasks would also be extremely valuable. (1 of 7)
17. In considering their educational or training needs, the CD shared that they could have used training in reviewing NBSs and conducting NM Status Reviews when they went through SCC (NM Certification) training. Staff suggested the SCC offer mock NM Status Reviews, going through multiple how-to scenarios, and teaching what deficiencies rise to the level of non-compliance. (1 of 7)
18. Concerning ways enforcement support from the SCC / DEP could be improved, the CD shares that "response from DEP is rather inconsistent which doesn't send a clear message to the district or the regulated community. By the time the complaint is referred on to the DEP, per complaint policy, a significant amount of time has already passed, and at least 3 chances for the operator to come into compliance have been given. Once it gets referred, this process starts all over again, seemingly putting us no closer to resolution." (1 of 7)
19. The CD requests more state lead training for other partnering agency staff. (1 of 7)

20. COVID was a major limiting factor for outreach activities and is a goal for strengthening the NM/MM program moving forward as emphasized in the CD's new strategic plan. (1 of 7)
21. CD has concerns over the Open records to all of the information that is placed into Practice Keeper.(1 of 7)
22. CD suggests that standard compliance letters be developed for non-traditional farm situations such as small backyard operations and hobby farms. (1 of 7)
23. CD understands the tracking capability of Practice Keeper (PK), but the data entry into PK has greatly increased staff time over previous tracking/reporting efforts. Some of the larger CAFO NMPs have taken over 2 days to enter into PK. (1 of 7)
24. CD sees a problem with Act 49 NBSs in that often times by the time they get the NBS to review, the manure has already been land applied. In talking with the exporters, they write the NBS then send the manure. Procedure should be created to allow for receipt of the NBS at the county prior to manure export. (1 of 7)



**COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION**

**DATE:** June 29, 2021

**TO:** Members  
State Conservation Commission

**FROM:** Karl J. Dymond  
State Conservation Commission *KJ Dymond*

**SUBJECT:** July 2021 Status Report on Facility Odor Management Plan Reviews

**Detailed Report of Recent Odor Management Plan Actions**

In accordance with Commission policy, attached is the Odor Management Plans (OMPs) actions report for your review. No formal action is needed on this report unless the Commission would choose to revise any of the plan actions shown on this list at this time. This recent plan actions report details the OMPs that have been acted on by the Commission and the Commission's Executive Secretary since the last program status report provided to the Commission at the May 2021 Commission meeting.

**Program Statistics**

Below are the overall program statistics relating to the Commission's Odor Management Program, representing the activities of the program from its inception in March of 2009, to June 28, 2021.

The table below summarizes approved plans grouped by the Nutrient Management Program Coordinator areas.

	Central	NE/NC	SE/SC	West	Totals
<b>2009</b>	7	6	28	1	42
<b>2010</b>	5	7	25	2	39
<b>2011</b>	10	12	15	2	39
<b>2012</b>	9	17	16	2	44
<b>2013</b>	10	11	38	3	62
<b>2014</b>	13	16	44	2	75
<b>2015</b>	15	15	61	2	93
<b>2016</b>	19	16	59	5	99
<b>2017</b>	25	24	44	3	96
<b>2018</b>	14	13	40	1	68
<b>2019</b>	12	11	14		37
<b>2020</b>	9	11	41	1	62
<b>2021</b>	9	8	16		33
<b>Total</b>	157	167	441	24	
<b>Grand Total</b>					789

As of June 28, 2021, there are seven hundred and eighty-nine **approved** plans and/or amendments, nine plans have been **denied**, twelve plans/ amendments have been **withdrawn** without action taken, eighty-seven plans/ amendments were **rescinded**, and five plans/ amendments are going through the **plan review process**.

## OMP Actions Status Report

Action	OMP Name	County	Municipality	Species	AEUs	OSI Score	Status	Amended
5/11/2021	Kish-View Farm - Home Farm	Mifflin	Union Twp	Cattle	375.06	236.9	Approved	A
5/11/2021	Yippee! Farms, LLC - Mt Joy Farm	Lancaster	Ralpho Twp	Cattle	442.70	153.1	Approved	D
5/18/2021	Balmer, Jeffrey	Lancaster	Warwick Twp	Cattle	169.74	29.6	Approved	A
5/18/2021	Four Winds Dairy, LLC - Home Farm	Potter	Harrison Twp	Cattle	0.00	32.3	Approved	A
5/18/2021	Groff, Art	Lancaster	Penn Twp	Broilers	102.12	28.1	Approved	
5/18/2021	Hoover, Andrew	Juniata	Milford Twp	Broilers	235.30	43.9	Approved	
5/28/2021	Nolt, Kevin L - River Road Farm	Lancaster	E Donegal Twp	Layers	71.84	13.3	Approved	A
6/16/2021	JT Poultry LLC	Dauphin	Mifflin Twp	Layers	630.00	34.1	Rescinded	
6/16/2021	Sauder, Justin	Lebanon	E Hanover Twp	Swine	21.75	30.2	Rescinded	
6/22/2021	Smucker, Joseph & Martha	Lancaster	Caernarvon Twp	Cattle	0.00	56.1	Rescinded	

*As of June 28, 2021*



COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION

**DATE:** June 30, 2021  
**TO:** State Conservation Commission  
**FROM:** Johan E. Berger  
 Financial, Certification and Conservation District Programs  
**SUBJ:** 2020 Program Accomplishments  
 Resource Protection and Enhancement Program (REAP)

**REAP Program Summary**

The REAP program allows farmers, businesses, and landowners to earn state tax credits in exchange for the implementation of conservation Best Management Practices (BMPs) on Pennsylvania farms. REAP is a “first-come, first-served” program – no rankings. The program is administered by the State Conservation Commission and the tax credits are awarded by the Pennsylvania Department of Revenue. Eligible applicants receive between 50% and 75% of project costs in the form of State tax credits for up to \$250,000 per agricultural operation in any consecutive 7-year period.

Additional provisions grant the Commission the ability to 1) reserve and target up to \$3.0 million of the total annual allocation for best management practices for nutrient and sediment reduction within the Chesapeake Bay watershed and, 2) the option to implement a 90% REAP tax credit option for certain high-priority BMPs within watersheds covered by an approved TMDL. Those practices include: riparian forest buffers; livestock exclusion from streams and supporting practices; stream crossings; cover crops; soil health BMPs; and other BMPs determined appropriate by the SCC. The FY2020 REAP program now includes the ability for an eligible applicant to receive a 90% tax credit for eligible BMPs listed above.

**Program Accomplishments**

The FY2020 REAP application period opened in August 2020. Due to impacts of the state ‘Interim’ FY2020 Executive Budget, the initial annual tax credit allocation for FY2020 was \$10 million. An Allocation of an additional \$3.0 million in tax credits, allowable under the tax code, was made available with passage of a final state budget in November 2020.

Below is a summary of the FY2019 and FY2020 rounds of REAP applications, credits awarded to date, and a summary of REAP credits awarded for specific BMPs of interest. The FY2020 round of REAP began with approximately \$3 million already allocated to approved ‘roll-over’ FY2019 applications.

*Special note: The summary below for FY 2020 includes applications that were submitted by farmers after REAP exhausted it’s \$13 million allocation (approximately March 1, 2021). These applications (86) will be rolled-over to the FY2021 round of REAP (tentatively scheduled to open August 2021.)*

**(1.) Applications Received - FY 2020**

Applications		Total Cost	Other Public Funds	REAP Requests	Credits Granted
FY2019	348	\$37.6 million	\$5.2 million	\$14.51 million	\$12.8 million
FY 2020	467	\$43.1 million	\$5.3 million	\$17.7 million	\$10.4 million

**(2.) Summary of selected BMPs granted REAP tax credits - FY 2019 & FY 2020**

	<u>FY2019</u>	<u>FY2020</u>
REAP Request (project types)		
Proposed Projects	\$3.6 million	\$6.9 million
Completed Projects	\$10.9 million	\$10.8 million
No-Till Equipment, Manure Injectors, Rollers	\$6.6 million	\$9.7 million
Structural BMPs and cover crops	\$7.1 million	\$7.2 million
Plans (Ag E&S, Conservation, Manure & Nut. Mgt.)	\$397,000	\$70,000
Low Disturbance Residue Mgt. Equipment*	\$309,800	\$0
Precision Ag Equipment	\$291,000	\$667,000
Sponsored Applications	46	58

\* Residue Management Equipment is not eligible for REAP tax credits in FY 2020

**(3.) Summary of Program Activities - January 01, 2021 – June 30, 2021**

The following is a summary of program activities accomplished in calendar year **2021**.

Please note that actions (i.e. credits issued) may have been taken on projects or activities approved in prior fiscal years (i.e. FY2019 and FY2020).

- a. Tax Credits issued to applicants for completed, eligible projects \$3.7M
- b. Number of BMPs completed associated with issued tax credits 114 projects
- c. Number of tax credit ‘sales’ completed 67 sale transactions
- d. Total tax credits processed through ‘sales’ \$2.0 M
- e. Number of site inspections conducted on completed projects 0
- f. Educational and promotional activities included speaking events and various visits to conservation districts and NRCS offices across Pennsylvania. 15



COMMONWEALTH OF PENNSYLVANIA  
STATE CONSERVATION COMMISSION

July 1, 2021

To: Members  
State Conservation Commission

From: Johan E. Berger, Conservation Program Specialist  
Financial Administration, Policy, Certification & Conservation District Programs

RE: Conservation Excellence Grant Program Update

The Conservation Excellence Grant Program (CEG Program), created under the 2019 PA Farm Bill, has been active since July 2020 beginning with the distribution of \$2.5 million in funding to the Lancaster and York county conservation districts through a delegation agreement for administration and implementation of the program. Both Lancaster and York counties are identified as Tier 1 counties by DEP in Pennsylvania's Chesapeake Bay Phase 3 Watershed Implementation Plan (ChesBay Phase III WIP) and thus were priority counties for implementation of the CEG Program.

Subsequently, four Tier 2 counties, Bedford, Centre, Cumberland and Franklin counties have been integrated into the CEG Program as noted in the discussions below:

1. The Commission was awarded a sub-grant of funds (\$3.848 million) as part of DEP's *Chesapeake Bay Implementation Grant Program* for expansion of the CEG Program in Tier 2 counties identified in the ChesBay Phase III WIP. The Commission took action to expand the CEG Program to Cumberland and Franklin counties in September 2020 and in March 2021 for Bedford and Centre counties.
  - CEG Expansion – delegation agreements for the administration and implementation of the CEG Program have been executed with Bedford, Centre, Cumberland and Franklin County conservation district. Delegation agreements will provide up to \$1.154 million to Cumberland and Franklin county conservation districts as part of a CBIG 3 grant from DEP and \$750,000 each to Bedford and Centre county conservation districts for CEG Program implementation. An additional \$500,000 was allocated to the Lancaster County Conservation District to support CEG Program grants to agricultural operations. Funding to Bedford, Centre and Lancaster conservation districts was provided under appropriated funding to the Nutrient Management Fund under the FY2020-21 state budget for allocation to the CEG Program (\$2.0 million).
  - Public-Private Partnership – Lancaster Farmland Trust (LFT) submitted a proposal and Scope of Work for a project to develop a public-private partnership model that will utilize CEG's financial bundling (grants, tax credits and loans) for the implementation of best management practices mimicking the CEG Program in



Salisbury Township, Lancaster county. An agreement in the amount \$1.154 million has been executed between the Commission and LFT to earmark those funds to LFT. LFT is currently in conversation, planning and site selection activities with agricultural operators for BMP implementation under the project.

CEG Program activities - participating conservation districts are actively engaged in individual contacts with farmers, public outreach through the district websites and newsletters and press release through local news media, and application acceptance and review activities in the program.

Table 1- Application and Project data – Conservation Excellence Grant Program illustrates the status of project applications received by noted districts and the status of projects.

Note: information from several of the conservation districts was not available at the time of publication of this report.

**Table 1 – Application and Project data – Conservation Excellence Grant Program (as of June 30, 2021)**

\*Information not available at the time of the report.

<b>County</b>	<b>Applications Received</b>	<b>Applications Approved</b>	<b>Grant award totals</b>	<b>Project Descriptions</b>	<b>Number of Completed Projects</b>	<b>Completed Project descriptions</b>	<b>Grant funds Disbursed to applicants</b>
<u>Bedford</u>	8	*	*	*	*	*	*
<u>Centre</u>	5	5	\$735,000	Level-lip spreader, HUAP; manure storages systems; livestock grazing systems (streambank fencing, riparian planting; livestock walkways)	*	*	*
<u>Cumberland</u>	6	3	\$359,000	HUAP, Manure transfer system; streambank fencing with components.	*	*	*
<u>Franklin</u>	20	19	\$942,894	Barnyard Runoff; Manure Storage; Roofed Heavy Use Area Protection (HUAP) and Manure Stacking areas; Stream Crossing	*	*	*
<u>Lancaster</u>	23	13	\$903,000	Grassed Waterways & Diversions; Roofed Manure Stacking areas & HUAP	3	Grassed Waterway; Roofed HUAP; Waste Storage	\$120,000
<u>York</u>	7	6	\$39,315	Grassed Waterway ; Cover Crop Planting(395+ac.)	350+ ac	Cover Crops	\$21,109
<b><u>TOTAL</u></b>		<b>45</b>	<b>\$2,979,209</b>				<b>\$141,109.00</b>



## BUILDING BRIDGES

*Farmers\* Municipalities\* Citizens  
Conservation Districts\* Agribusiness*

To: Members  
State Conservation Commission

From: Beth Futrick  
Agriculture/Public Liaison

Through: Karl G. Brown, Executive Secretary  
State Conservation Commission

Re: Ombudsman Program Update – Southern Alleghenies Region

June 25, 2021

### **Activities: May-June**

- Awarded 2021 NFWF - Chesapeake Bay Innovative Nutrient and Sediment Reduction (INSR) Grants program to address non-point source pollution issues in the Upper Juniata watershed.
  - Revised Field-doc maps, met with partners to update and plan for projects.
- Developing educational videos for NatureWorksPark's Multifunctional Riparian Buffer
- Awarded a PDA- Urban Ag Infrastructure Grant proposal
  - Revising the budget and met with partners
- Planning a pasturewalk for Blair, Huntingdon, Fulton, and Cambria Co grazing farmers
- Preparing a "Keep Pennsylvania Beautiful" grant application to support the urban ag infrastructure projects
- Assisting Keystone Development Center with a USDA-LFPP grant application
  - To conduct a local food/food hub feasibility study for Southern Alleghenies region

### **Conflict Issues/Municipal Assistance**

- Lycoming County
- Clinton County
- Bedford County - resolved
- Allegheny County -resolved

### **Meetings/Trainings/Events**

Meeting with Penn State Extension and PA Soil Health Coalition to discuss developing soil health workshops in Blair, Fulton, Huntingdon Counties

Meeting with Blair Master Gardeners to prepare for their Seed to Supper Program

Funded by PDA – Urban Ag Infrastructure Grant

This is a hands-on program to teach adults how to garden

Meeting Keystone Development Center

Meeting with DiAndrea Media to prepare for riparian buffer educational videos

### **Reports & Grant Applications**

--BCCD Board Report

--BCCD Quarterly Report

--Prepare The Giant Food Co – Keep Pennsylvania Beautiful grant proposal/budget



## BUILDING BRIDGES

Farmers \* Municipalities \* Citizens  
Conservation Districts \* Agribusiness

To: Members  
State Conservation Commission

From: Shelly Dehoff  
Agriculture/Public Liaison

Through: Karl G. Brown, Executive Secretary  
State Conservation Commission

Re: Agricultural Ombudsman Program Update

July 13, 2021

**Activities:** Since mid-May 2021, I have taken part or assisted in a number of events, including the following:

- Continuing to coordinate details (applications, payments, promotion) of pilot grant held by LCCD to encourage, manure injection when done in conjunction with Nutrient Mgmt or Manure Mgmt plans
  - Received 16 (to date) applications from English farmers; finalizing incentive program for Plain Sect
  - Processed 13 payments based on invoices
  - Submitted end of year report, and application for next year, to Keith Campbell Foundation; including extensive revisions to meet new format by the Foundation
- Events as South Central Task Force Agriculture Subcommittee Planning Specialist
  - Hosted/facilitated May and June monthly Ag Subcommittee meetings virtually
  - Distributing thumb drive training for law enforcement re: handling aggressive dogs for 9-county region.
  - Working to get Stop the Bleed and/or Mental Health/Suicide Awareness/Prevention trainings on agendas of existing meetings for farmers, farm families
- Participated and recorded minutes for March and April Lancaster Co. Agriculture Council meetings (virtually)
- Assisted with Conservation Foundation of Lanc Co meeting,
- Starting to take pre-orders for farmers/agribusinesses who are interested in biosecurity signs for general public , to be funded through grant from Center for Poultry and Livestock Excellence
- Participating in Operational Assessment team from LCCD re: structure and workload for District
- Assisting with Lancaster Co Ag Council monthly meetings, and helping plan Ag Week and Denim & Pearls
- Attended Manure Expo at Lebanon Expo Center

**Local Government Interaction:** I have been asked to provide educational input regarding agriculture:

**Chester Co**—ongoing participation in Mushroom Farmers of PA, and Phorid Fly Action Group virtual meetings to stay connected and aware of advancements in phorid fly control methods

**Moderation or Liaison Activities:** I have been asked to provide moderation or liaison assistance with a particular situation:

**Berks Co**—still fielding neighborhood concerns due to improper disposal of butcher waste; PDA and DEP involved

**Schuylkill Co**—new complaint about improperly composted poultry, spread on fields, resulting odors and flies; PDA is already handling, but communicating with me, and Schuylkill CD

**Research and Education Activities:**

**Lancaster Co**—co-worker asked for input about farmer with broken lease and having to find new barn quickly

**Dauphin Co**—looked at local ordinance for any input related to bee keeping at colleague's request

**Lancaster Co**—request from resident about mosquito control information; found details for her

**Fly Complaint Response Coordination:** I have taken complaints or am coordinating fly-related issues in:

**Schuylkill Co**—2 new, different fly complaints, and one ongoing complaint

**York Co**—2 new complaints; plus brought in to discussion/complaint about “sewer flies” in the City

**Lancaster Co**—new complaint

**Perry Co**—multiple complaints from same area; different new complaint in different part of county

**Berks Co**—new complaint

**Montour Co**—darkling beetle complaint, resurfaced from 4 years ago

**Snyder Co**—new complaint