State Conservation Commission Meeting
July 12, 2017
Red Lion Hotel Harrisburg Hershey, Harrisburg PA
‘Draft’ Agenda

Briefing Session – 10:00am
Review of Business Agenda

Business Session – 2:15pm

A. Opportunity for Public Comment

B. Business and Information Items

1. Approval of Minutes
   a. May 9, 2017 (A)
   b. June 13, 2017 (A)

2. Dirt, Gravel and Low Volume Road Maintenance Program
   a. Proposed Changes to the Product Approval Process - Eric Chase, Center for Dirt, Gravel Road Studies (A)
   b. Annual Summary Report – Roy Richardson, SCC and Steve Bloser, Center for Dirt and Gravel Road Studies (NA)c.

3. Nutrient & Odor Management Program
   a. Proposed FY2017-18 Nutrient Management and Manure Management Delegation Agreement Funding Levels - Frank Schneider, SCC (A)
   b. 2017 Appointments to the Nutrient Management Advisory Board – Larry Baum, SCC (A)
   c. Jason Summers, Nutrient Management Plan, Monroe County - Michael Walker, SCC (A)


5. Chesapeake Bay Program Update and Approved Agricultural Special Project Announcement - Veronica Kasi, DEP (NA)

6. Report on modeling of select watershed in Pennsylvania related to the Pa WIP II – Tamie Veath, USDA-ARS and Jim Shortle, ENRI PSU
C. Written Reports

1. Program Reports
   a. Act 38 Nutrient and Odor Management Program report
   d. Dirt, Gravel & Low Volume Road Maintenance Program
   e. REAP Accomplishment 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

Adjournment

Next Public Meetings  August 8, 2017 Conference Call
                  September 12, 2017 Public Meeting
STATE CONSERVATION COMMISSION
MEETING
PA Department of Agriculture, Harrisburg, PA
Tuesday, May 9, 2017 1:00 p.m.

Draft Minutes

Members Present: Deputy Secretary Greg Hostetter, PDA on behalf of Secretary Russell Redding, PDA; Dana Aunkst, DEP on behalf of Secretary Patrick McDonnell, DEP; Michael Flinchbaugh; Donald Koontz (via conference call); Ross Orner (via conference call); Dr. Dennis Calvin, PSU; Denise Coleman, NRCS (via conference call); Drew Gilchrist, DCNR on behalf of Secretary Cindy Adams-Dunn; Glenn Seidel, PACD.

A. Public Input

Glenn Seidel, PACD, presented an award to Mike Flinchbaugh on behalf of the SCC for Leadership Development Training in 2016 from the National Association of Conservation Districts (NACD).

Karl Brown, SCC, reminded everyone to visit the Great Dayton Fair on August 17, 2017 in Dayton, PA. Armstrong County’s Mobile Environmental Display will be there.

B. Business and Information Items

1. a. Approval of Minutes – April 11, 2017 - Public Meeting

   Don Koontz moved to approve the April 11, 2017 public meeting minutes. Motion seconded by Dana Aunkst. Motion carried.

2. Dirt, Gravel, and Low Volume Road Maintenance Program – Roy Richardson, SCC

   a. FY 2017-18 Proposed Allocations to Conservation Districts. Annually, Section 9106 of the Transportation Bill provides an annual allocation of $28 million to the Dirt, Gravel, and Low Volume Road Program. These funds are administered in a non-lapsing, non-transferable fund and are allocated annually by the Commission to districts based on written criteria and formulas established by the Commission. Section 9106 requires that a minimum of $8 million be allocated to low volume road projects. Commission and PSU Center staff have worked with the Policy and Planning Work Group to review both the Dirt and Gravel Allocations and the Low Volume Allocations. Roy Richardson reviewed the allocation process with Commission members. The work group recommends using the current funding allocation formulas without changes for FY 2017-18.

   Deputy Secretary Greg Hostetter moved to approve using the current funding allocation formulas without changes for FY 2017-18 for the Dirt and Gravel
Road Maintenance Program. Motion seconded by Ross Orner. Motion carried. Dana Aunkst moved to approve using the current funding allocation formulas without changes for FY2017-18 for Low Volume Roads Maintenance Program. Motion seconded by Deputy Secretary Greg Hostetter. Motion carried.

b. Center for Dirt and Gravel Road Studies, Education and Technical Assistance Work Plan and Budget  Steve Bloser reported that in May 2014, the Commission approved a 5-year contract and estimated budget for services and assistance to be provided by the Penn State Center for Dirt and Gravel Road Studies for implementation of the Dirt, Gravel and Low Volume Road Maintenance programs. Steve Bloser reviewed the workplan and presented the Center’s proposed annual budget for FY 2017-18 to the Commission for consideration and action.

Ross Orner moved to approve the FY 2017-18 workplan and annual budget for the Penn State Center for Dirt and Gravel Road Studies education contract. Don Koontz seconded the motion. Motion carried.

3. Nutrient and Odor Management Program

a. FY2017-18 Proposed Nutrient Management Program Budget – Frank Schneider, SCC  Each year, the Commission acts on a budget for the Nutrient Management Program. This budget includes funding to support Nutrient Management program staff and operational costs, conservation district delegated duties, and educational and training support services from Penn State College of Agriculture. This year, given the higher level of state budget uncertainty, Commission staff is asking for a conditional approval of a Nutrient Management Program budget that, if necessary, can be revised upon the finalization of a State budget. Frank Schneider reviewed the proposed program budget, noting that new funding from a proposed bond issue on the Governor’s proposed budget, if passed, would increase funding for Nutrient Management program activities.

Deputy Secretary Greg Hostetter made a motion to grant conditional approval for the proposed Nutrient Management Program FY 2017-18 Budget. Motion seconded by Ross Orner. Motion carried.

b. Proposed Nutrient Management and Manure Management Delegation Agreement – Frank Schneider, SCC  For more than a year, Commission and agency staff have worked with the Nutrient Management Delegation Work Group to review and make recommendations for changes to a new 5-year delegation agreement. A draft delegation agreement was circulated for public review and comment and has been reviewed by both DEP and PDA’s Legal and Policy offices. Frank Schneider presented the final draft delegation agreement for Commission consideration.

Ross Orner made a motion to approve the proposed FY 2017-22 Nutrient Management Program Delegation Agreement. Don Koontz seconded the motion. Motion carried.

c. Proposed FY 2017-18 Nutrient Management and Manure Management Delegation Agreement Funding Levels – Frank Schneider, SCC  As a part of reviewing the
Nutrient Management program delegation agreement, the Delegation Workgroup also reviewed the funding formula for participating conservation districts and made recommendations for updating this formula. The Workgroup recommends using the same basic six-factor funding formula currently used, but altering the weighting of these factors to place more emphasis on current priorities and workload analysis. Using the revised formula, 15 conservation districts would receive a funding increase, resulting in increased funded positions...14 would see a reduction. The proposal recommends an increase of $4,000 for a full position. SCC program staff will present a proposed funding allocation for consideration at the July 12, 2017 public meeting.

d. Penn State University, Proposals for Education and Technical Support Activities, (Work Plans and FY2017-18 Budgets) – Johan Berger, SCC

i. Nutrient Management Specialist Certification & Education Program  The Nutrient Management Program Specialist Certification and Educational contract with Penn State College of Agriculture helps ensure that Nutrient Management plan writers and reviewers have access to quality training and proper certification credentials. Penn State faculty and staff provide key support services to the Nutrient Management Program training and certification program. Johan Berger reviewed the 2017-2018 workplan and a 3-year budget proposal to continue these educational and technical support services. The proposed 3-year budget totals $601,100 with the FY 2017-18 proposed budget of $195,928.

_Dana Aunkst made a motion to approve the proposed FY 2017-20 budget and annual workplan for the Nutrient Management Specialist Certification Program. Ross Orner seconded the motion. Motion carried._

ii. Odor Management Specialist Certification & Education, Manure Hauler and Broker Certification, & Assessment of Animal Production Sites Program  Penn State College of Agriculture faculty and staff provide key services to support the Odor Management Specialists Certification Program, as well as the Manure Hauler and Broker Certification Program. In addition, these individuals also support an animal production site assessment program designed to assist farm operators in assessing and selecting well suited animal production sites. Johan Berger reviewed the 2017-18 annual workplan and 3-year budget proposal to continue these education and technical support services. The proposed 3-year budget totals $454,979 with a FY 2017-18 proposed budget of $145,146.

_Don Koontz made a motion to approve the proposed FY 2017-20 budget and annual workplan for the Odor Management Specialist Certification & Assessment of Animal Production Sites Programs. Ross Orner seconded the motion. Motion carried._

e. Proposed Revisions to Act 38 ‘Standard Animal Weights’ — Frank Schneider, SCC

Frank reported that periodically, the Commission updates standard animal weights used for the Nutrient Management Program plan writing activities. These standard animal weights are one tool that may be used by planners to compute animal weights for planning purposes and were last updated in 2010. Commission staff has consulted with Penn State College of Agriculture “species specialists” and also with
the Nutrient Management Advisory Board, as well as the DEP Agricultural Advisory Board. Frank Schneider reviewed the Standard Animal Weights information with Commission members and is seeking approval for the proposed changes to the Nutrient Management Program Standard Animal Weights.

Dana Aunkst made a motion to approve the proposed changes to the Nutrient Management Program Standard Animal Weights. Ross Orner seconded the motion. Greg Hostetter abstained. Motion carried.

4. FY 2017-18 REAP Application, Guidelines and ‘Draft’ Sponsorship Agreement - Joel Semke, SCC Each year, the Commission reviews and updates its Resource Enhancement and Protection (REAP) Program Guidelines. Staff is recommending minor changes to the guidelines involving conservation, manure, or nutrient management plan writing “sponsorship” and verification forms to enhance data collection. The enhanced data collection changes are intended to help ensure that all constructed BMPs are captured and reported for Chesapeake Bay Program purposes. Joel Semke, REAP Program Coordinator, provided additional information regarding the proposed FY 2017-18 REAP Program Guidelines for the Commission’s approval.

Don Koontz made a motion to approve the proposed 2017-18 REAP Program Guidelines. A second motion was made by Ross Orner. Mike Flinchbaugh abstained from the vote. Motion carried.

5. MOU among the State Conservation Commission, Department of Agriculture, and Department of Environmental Protection. Karl Brown reported that the SCC, PDA, and DEP staffs have worked for approximately one year to update and combine the provisions of existing Memorandums of Understanding (MOUs) between the SCC and agencies into one MOU. A copy of the draft document was presented to the Commission at its January 24, 2017 meeting, and members were asked to provide comments or suggested changes. Karl reviewed significant changes to the MOU and appendices. At the April 11, 2017 SCC meeting, it was suggested that the MOU be reviewed by the interested legislators and further action be tabled until the May 9, 2017 SCC meeting. There were very minor changes, suggested by legislators, and included in Addendum B of the MOU. Dana Aunkst suggested that legal counsel look at the amended MOU.

Dana Aunkst made a motion to approve the MOU between the State Conservation Commission, Department of Agriculture, and Department of Environmental Protection subject to review by legal counsel. Greg Hostetter seconded the motion. Motion carried.

6. 2017 SCC Awards, Committee Recommendations – Karl Brown, SCC On April 28, 2017, the SCC Awards Committee met via conference call to discuss recommendations for the 2017 State Conservation Commission Awards to be presented at the July 12, 2017 Joint Annual Conference Luncheon. The Committee recommends the following individuals/organizations for recognition in 2017:

- SCC 2017 Distinguished Service Award – Donald McNutt, retired Lancaster Conservation District Manager
- SCC Leadership Training Award – Hosea Latshaw, retired NRCS State Conservation Engineer
- SCC Leadership Excellence Award – Cambria Conservation District Board of Directors
- Special Conservation Champion Awards – Doyle Corman, Pennsylvania Senate (retired), Wayne Kober, PennDOT (retired), and Senator Jake Corman, Pennsylvania Senate.

Karl Brown reviewed these recommendations and requests approval for the 2017 SCC Awards recipient recommendations.

*Don Koontz made a motion to approve the 2017 SCC Awards Committee Recommendations. Ross Orner seconded the motion. Motion carried.*

C. Written Reports – Self Explanatory

1. Program Reports
   a. Act 38 Nutrient and Odor Management Program report
   b. Act 38 Nutrient Management Plan 2016 Report -
   d. Chapter 91 Calendar Year 2016 Activities Report
   e. Dirt, Gravel & Low Volume Road Maintenance Program
   f. REAP Accomplishment Report
   g. 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 – Drew Gilchrist reported that the State Bureau of Forestry will soon begin aerial spraying of forestlands to combat gypsy moth populations poised for spring outbreaks in the eastern and central portions of Pennsylvania. The gypsy moth suppression program is conducted by the Bureau of Forestry on a request basis, with the goal of preventing defoliation so that trees do not become stressed and succumb to disease and other pests. Aerial spraying is proposed on 110 treatment blocks in 16 counties: Berks, Carbon, Columbia, Cumberland, Dauphin, Juniata, Lackawanna, Lehigh, Luzerne, Mifflin, Monroe, Northampton, Perry, Schuylkill, Snyder, and Union. Spraying progress and maps of the treatment areas will be posted on the DCNR Bureau of Forestry website. The Bureau of Recreation and Conservation received 441 Community Conservation Partnership Program applications totaling over $89 million. About one third of that total will be available to fund trails, park development and planning, open space acquisition and river conservation projects. DCNR received 11 riparian buffer requests, two from Conservation Districts (Snyder and Clearfield Counties), and two from Resource Conservation and Development Councils (Endless Mountain and Mid State).

PSU – Dr. Dennis Calvin reported that Doug Beegle is retiring on June 30, 2017. Interviews for his replacement are currently taking place. Restructuring of leadership at Extension has a June 30, 2017 deadline.
NRCS – Denise Coleman reported that there is $3 million available for Conservation Innovation Grants. The deadline for applying for a grant is June 5, 2017.

DCED – No report.

PACD – No report.

DEP – Dana Aunkst reported that the first full meeting of the Chesapeake Bay Watershed Implementation Plan 3 took place on May 8, 2017. He also reported that Acting Secretary Patrick McDonnell was recently confirmed as Secretary of DEP.

PDA – Deputy Secretary Greg Hostetter reported that the department is participating in the Chesapeake Bay Watershed Implementation Plan 3 discussions and workgroups. He also reported that PDA staff is working with the Department of Health regarding medical marijuana policy and regulation development. Regarding the proposed State budget, the department’s GGO funding is proposed to be cut under a House of Representatives proposal.

Adjournment: Meeting adjourned at 2:40 p.m.

Next Public Meetings: June 13, 2017 Conference Call
July 12, 2017 Public Meeting
STATE CONSERVATION COMMISSION CONFERENCE CALL
PA Department of Agriculture, Room 405
Tuesday, June 13, 2017 @ 8:30 am

DRAFT MINUTES

Members Present: Greg Hostetter, Deputy Secretary, for Secretary Russell Redding, PDA; Dana Aunkst, for Secretary Patrick McDonnell, DEP; Drew Gilchrist for Secretary Cindy Adams-Dunn, DCNR; Dr. Richard Roush, Penn State; Donald Koontz; Michael Flinchbaugh; Ross Orner; MaryAnn Warren; Denise Coleman, NRCS; and Brenda Shambaugh, PACD.

B. Agency/Organization Updates

1. DCNR – Drew Gilchrist, DEP Regional Advisor

   June is PA rivers month, and Secretary Dunn invites everyone to participate in a River Sojourn, currently being held around the state. A sojourn is a guided river trip, which can be from one day to a week long. During the week of June 5, 2017, Drew accompanied Secretary Dunn and PennDOT Secretary Richards on a one-day sojourn on the Schuylkill River along the Montgomery County section. During the week of June 12, Secretary Dunn will be floating the Allegheny River, saluting its status as PA River of the Year. Sojourns represent amazing opportunities to connect to our water resources and are an important part of our conservation fabric. Last, Drew mentioned that there is still a chance to sign up for one of the upcoming sojourns on the Delaware, French Creek, Susquehanna, Lehigh, and Monongahela Rivers. Visit the DCNR website for more information.

2. NRCS – Denise Coleman

   Denise reported that the application period for Conservation Innovation Grants closed on June 5, 2017. Eleven proposals were received for potential awards up to $500,000.

3. PACD – Brenda Shambaugh

   Brenda reported that the Joint Annual Conference meeting between the SCC and PACD will be held on July 12-13, 2017 at the Red Lion Hotel Harrisburg Hershey, Harrisburg, PA. There will be a Soil Health Tour on the afternoon of July 13 at the Jim Hershey Farm in Elizabethtown, PA.
4. Penn State University – Dr. Richard Roush

Dr. Roush reported that Penn State is currently working on finding a replacement for Doug Beegle. He is expecting to get a recommendation from the search committee by the end of the week.

5. Pennsylvania Department of Agriculture – Greg Hostetter

Deputy Secretary Hostetter mentioned that hay crops are doing well this year due to the good weather. He also mentioned that the WIP 3 session on June 5, 2017 was very well-attended. Chronic wasting disease continues to be a problem in PA. Greg Hostetter will be attending a Senate hearing to testify about the disease. He also mentioned that PDA executives are currently preparing for the Farm Bill discussion.

6. Department of Environmental Protection – Dana Aunkst

No report

C. Information and Discussion Items

1. DEP – Veronica Kasi

Veronica noted that the Chesapeake Bay Technical and Engineering Assistance Program applications were going to be mailed to conservation districts by Friday, June 16, 2017. They are due back by July 31, 2017. DEP is hoping that districts that didn’t participate last year will participate this year. She also reported that some districts are falling behind on getting this year’s inspections done. Jill Whitcomb and Doug Goodlander are working with the districts on Standard Operating Procedures (SOPs). Veronica reported that over 1125 inspections were completed: 858 done by the districts; and 254 done by DEP. Fourteen were referred to DEP for follow-up action. Additionally, all of the Chesapeake Bay special project applications were reviewed, and projects for funding have been selected. The project awards will be announced at the July 12, 2017 SCC meeting. The Chesapeake Bay WIP-3 kick-off meeting on June 5, 2017 went well, with 240 people in attendance.


At the May 9, 2017 SCC meeting, staff distributed a copy of a document that contained four possible concepts for the FY 2017-18 allocation of CDFAP funds. Johan Berger reviewed these concepts with commission members as preparation for discussion at the July SCC meeting. The following are the four FY 2017-18 conservation district fund allocation concepts:
a. Full appropriations as proposed in Governor’s Budget for FY 2017-2018 – maintains allocations to districts similar to FY2016 levels.
b. House Bill 218 – 15% reduction to appropriations - Shift UGW funding to support positions and ‘statewide’ special projects.
c. House Bill 218 – 15% reduction to appropriations - (reduced allocation to positions and eliminates funding to statewide special projects).
d. House Bill 208 – 15% reduction to appropriations - (reduced allocation for positions and ‘statewide’ special projects).

If an FY 2017-18 budget is in place by July 12, 2017, staff will be asking for action on a proposal to allocate CDFAP funds for FY 2017-18.

3. **PACD/SCC Joint Annual Conference (JAC) – Barb Buckingham**

Barb reminded the Commission members that they are responsible for making their own hotel reservations for the JAC. They can then submit their expense sheets to Fred Fiscus for reimbursement.

**D. Adjournment. The conference call was concluded at 9:15 am.**

The next meeting will be on Wednesday, July 12, 2017 @ 2:30 p.m.; Red Lion Hotel Harrisburg/Hershey, Harrisburg, PA.
Date: June 16, 2017

To: State Conservation Commission

From: Roy Richardson, Dirt and Gravel Roads Program Coordinator

Through: Karl G. Brown, Executive Secretary

RE: Dirt, Gravel, and Low Volume Roads Program (DGLVRP) Product Approval Update

Correction to Aluminum Standard for DGLVR Product Approval Protocol

The PSU Center for Dirt and Gravel Road Studies (Center) maintains a “Product Approval Process” as one of the deliverables to the PA Dirt, Gravel, and Low Volume Road Maintenance Program (Program). Any products with leaching potential, typically dust suppressants and soil stabilizers, must go through this approval process in order to be eligible for purchase with Program funds. The approval process focuses on insuring that products used on roads with Program funds meet the environmental requirements set forth in the Program’s enabling legislation to “adopt standards that prohibit the use of materials or practices which are environmentally harmful.” To ensure products meet the program goals, the testing procedures include aquatic toxicity testing, leachate testing, bulk analysis testing and performance testing. Leachate testing is performed using the Synthetic Precipitation Leaching Procedure (SPLP) to simulate how a product applied to a road surface would leach into the surrounding environment or groundwater through the soil.

At its July 27, 2016 Meeting, the State Conservation Commission adopted large scale changes to the product approval process at the recommendation of the Center and its “Product and Process” advisory workgroup. In these 2016 changes the Aluminum criteria for the Synthetic Precipitation Leaching Procedure (SPLP) for product acceptance into the PA Dirt, Gravel, & Low-Volume Road Maintenance Program was incorrectly changed to 0.2 mg/L. This value is not representative of Aluminum leaching to groundwater to be protective of the environment, but rather based on a drinking water standard to prevent discoloration of drinking water. In reviewing past applications of currently approved products, roughly 75% of approved products would have failed with an Aluminum standard of 0.2 mg/L, and we have one pending application that does not meet the current criteria due to an SPLP failure for Aluminum. The Program is currently in a recertification year, meaning that products trying to recertify will end up being removed from the Program based on failures for Aluminum.
Unlike the other metals tested in the product approval process, Pennsylvania does not have a current groundwater standard for Aluminum, nor does it consider Aluminum to be a “ Constituent of Potential Ecological Concern” from a regulatory perspective. Historically, the Program had a limit of 5.0 mg/L for Aluminum based on Pennsylvania DEP guidance for protection of the environment from Aluminum leaching related to coal byproducts. This limit for Aluminum set by DEP is for the same leaching test (SPLP) that is required in the Product Approval Instructions.

The Center and “Product and Process” advisory workgroup is proposing to return to the DEP Aluminum leaching standard of 5.0 mg/L, which is representative of the testing done by the program, yet is still protective of the environment. This is a more realistic value as it is based on a leaching test to be protective of groundwater, rather than a standard to prevent consumer complaints related to discoloration of drinking water.

**Product Recertification Extension**

Part of the new approval process approved July 27, 2016 is a recertification requirement that provides a mechanism for previously approved products to be reviewed and come into compliance with the current approval process. Products previously reviewed and accepted into the program after the 2011 approval process update would be subject to a 5 year recertification cycle. Currently the requirement is for products older than 5 years to complete recertification using the new testing protocol by October 2017.

Due to difficulties in contacting company representatives for many of the older products, the Center and the “Product and Process” advisory workgroup is proposing an extension for the recertification deadline to **December 31, 2017**. Failure of the companies to comply with the 5 year recertification deadline will result in the SCC sending the product owner a Notice of Intent to suspend the product from the Dirt, Gravel, & Low Volume Road Maintenance Program’s approved products list.
Action Requested

Staff is seeking action by the Commission on the proposed delegation agreement funding level for participating Conservation Districts for the Act 38 Nutrient Management / Chapter 91 Manure Management Program Fiscal Year 2017 – 2022 Delegation Agreement.

One option for the Commission to consider with this action could be approval of the delegation funding amounts and Commission staff would rerun the funding formula in the 3rd year of the delegation agreement to see if adjustments should be made. At that point, updated NASS data should be available and staff should have better NM plan numbers resulting from the changes in the standard animal weights (which we anticipate will bring some new operations into Act 38).

Background

In February 2016, the SCC approved the formation of a Nutrient Management (NM) and Manure Management (MM) Delegation Agreement Workgroup to work on a new five (5) year delegation agreement.

The Commission approved, in May 2017, a joint five (5) year delegation agreement with select Conservation Districts for Fiscal Years 2017-2022 for Nutrient Management (NM) and Manure Management (MM).

The workgroup discussed and agreed on recommending a funding formula that considered the following factors and the percent weight for each factor:

1. # of farm operation (2012 NASS Data) 15%
2. # of animal operations (2012 Nass Data) 25%
3. # of equine operations (2010 PSU survey) 5%
4. # of CAO (2015 plan data) 30%
5. # of CAFO (2015 plan data) 15%
6. # of VAOs (2015 plan data) 10%

This formula and weighting scheme provided a reasonable distribution of workload between the two delegated programs. Please note that the SCC used the same overall funding formula for the previous 5-year delegation agreement just with different weighting percent’s for each factor.

The draft funding formula was open for a 64-day public comment period, along with the draft delegation agreement. A comment/response document was made part of the delegation agreement approval line item during the May Commission meeting.

Attached is a worksheet (County Breakdown), which shows the proposed Full Time Equivalents (FTEs) for each county. As you can see, 15 Conservation Districts saw an increase in funding, while 14 Conservation Districts saw a decrease in funding.

SCC staff, and the delegation workgroup, believe this workload based funding formula was the proper method to decide on Conservation District program support, as it’s a mathematical calculation that takes most subjectivity out of the decision. Note that when the calculated weights came out, SCC staff did need to make some minor subjective decisions to make the positions fit the possible funding available.

ATTACHMENTS:
  Proposed County Conservation District Funding Levels
### Agenda Item B.3.a

**Fiscal Year 2017-2022**

**Proposed County Conservation District Funding Levels**

Yellow Cell = Current Funding Level / Blue Cells = Increase Funding Level / Red Cells = Decrease Funding Level / Purple Cell = Place Holder

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DATE: June 16, 2017

TO: Members
State Conservation Commission

FROM: Larry G Baum, Conservation Program Specialist I
State Conservation Commission

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

SUBJECT: 2017 Appointments to the Nutrient Management Advisory Board

**Action Requested**
The action requested is the approval of the following appointments to the Nutrient Management Advisory Board (NMAB or Board). The following appointments have been made by the Commission Chairperson (Secretary McDonnell) and seconded by Secretary Redding, and are provided to the Commission for final approval:

- **Adam Serfass (Conrad Weiser School District)** – *Non-Farmer Citizen Representative*, reappointment to the position
- **Scott Hauseman, (Fulton Bank)** – *Commercial Ag Lender Representative*, reappointment to the position
- **Dr. Linda Baker V.M.D. (University of Pennsylvania New Bolton Center)** – *Veterinary Nutrition Specialist Representative*, reappointment to the position
- **Michael L Brubaker (Lancaster County)** – *Livestock (Meat Poultry) Representative*, new appointment to the position
- **David Bentrem (Washington County)** – *Livestock (Beef) Representative*, new appointment to the position
- **Eileen E. Fabian (Wheeler), Ph.D. (Pennsylvania State University)** – *Academia Faculty Animal Odor PSU Representative*, new appointment to the position

**Background**
The terms for the following six NMAB members expire this year.

- **Adam Serfass** *(is available for reappointment)* - *Non-Farmer Citizen Representative*
- **Scott Hauseman** *(is available for reappointment)* – *Commercial Ag Lender Representative*
- **Dr. Linda Baker V.M.D.** *(is available for reappointment)* – *Veterinary Nutrition Specialist Representative*
Act 38, the Pennsylvania Nutrient and Odor Management Act, allows an individual to serve two full 3-year terms consecutively on the NMAB. Of the seven positions on the NMAB whose terms expire this year, three members (Adam Serfass), (Scott Hauseman), and (Dr. Linda Baker V.M.D.) are available for reappointment to the Board.

**Non-Farmer Public Representative** Mr. Adam Serfass was appointed to the Board in 2015 to finish out the term of Robert Bastian’s as one of the Non-Farmer Public Representatives.

Mr. Serfass is currently employed by Conrad Weiser Area School District as a high school agricultural sciences instructor. Courses that he teaches are STEM and application based, dealing primarily with environmental sciences, entomology, biotechnology, and emerging trends in science and agriculture. He is an AP Environmental Science instructor.

Mr. Serfass has been the Conrad Weiser FFA Advisor for 9 years and coached 6 state champion Food Science teams, 4 state championship creed speakers, and several other regional and state champions.

Mr. Serfass is currently the PA FFA Food Science Chairman; PA FFA Agri-Science Coordinator; Board Member for Adopt an Acre, Inc., a nonprofit which assists in preserving agricultural land not eligible for county or state programs; Board member for the Reading Fair Leon Kirkhoff Scholarship Fund; Board member for the Reading Fair (agricultural teach representative); and committee member to assist Berks County develop “State of Environment Waste”. Mr. Serfass also implemented a School District wide recycling program to properly recycle all paper, cardboard, metal, plastic and glass.

A biography for Mr. Serfass is attached. Mr. Serfass’s expertise has been an asset to the experience already present on the NMAB; therefore, staff’s recommendation is that Adam Serfass be appointed to the NMAB to serve a full 3-year term as a one of the Non-Farmer Public Representatives, Mr. Serfass has been contacted and has willingly agreed to serve his first full 3-year term.

**Ag Lender Representative** Mr. Scott Hauseman was appointed to the Board in 2014 replacing Dent Hawthorne as the Commercial Ag Lender Representative.

Mr. Hauseman of Sinking Spring, Berks County, is a Senior Vice President for Fulton bank, managing seven agricultural lenders who are integral to the bank’s ag portfolio.
Mr. Hauseman is an effective communicator with proven ability to accurately analyze risks. He received his B.S. in Agricultural Business Management from the Pennsylvania State University. Currently he serves as an ag advisory board member for Team PA & current member of the NMAB. Previous employment for Mr. Hauseman included Susquehanna Bank agriculture sales manager (Senior Vice Precedent), Community Banks and Blue Ball National Bank (Vice President), Wachovia Bank (Vice President), and was Facility Manager for Agway. Scott grew up on a Berks County dairy and vegetable farm and currently serves on his church’s Youth Board.

A biography for Mr. Scott Hauseman is attached. Mr. Hauseman brings with him a valuable knowledge and experience. Therefore, staff’s recommendation is that Mr. Scott Hauseman be reappointed to the NMAB to serve a second 3-year term as the Commercial Ag Lender Representatives, Mr. Hauseman has been contacted and has willingly agreed to serve a second full term.

**Veterinary Nutrition Specialist** Dr. Linda Baker V.M.D. at the University of Pennsylvania was appointed to the Board in 2014 replacing Dr. Munson as the Veterinary Nutrition Specialist Representative.

Dr. Baker received her B.S. from Juniata College and her V.M.D., as well as her M.S., from the University of Pennsylvania Veterinary School. Dr. Baker has been with the University of Pennsylvania since 1986, where much of her work has been in dairy cattle nutrition and teaching veterinary students. Dr. Baker was raised on a Blair County dairy farm. Having worked with dairy farmers for nearly 30 years, and having served on the NMAB in earlier years of the Board, Dr. Baker brings with her a wealth of knowledge and experience. She is active in her church, local school organizations, and Boy Scouts.

A biography for Dr. Baker is attached. Dr. Baker’s expertise has been an asset to the experience already present on the NMAB; therefore, staff’s recommendation is that Dr. Linda Baker be reappointed to the NMAB to serve a second 3-year term as the Veterinary Nutrition Specialist Representatives, Dr. Baker has been contacted and has willingly agreed to serve a second full term.

The one agriculture producer member on the Board whose term is expiring (James Junkin) has already served two terms, and are therefore he is not eligible to be reappointed. One agriculture producer member on the Board resigned (James King) creating a vacancy for his unexpired term.

Act 38 requires the Commission to seek nominations from the statewide farm organizations for appointments of the agricultural producer members on the Board. Requests for nominations for the **Livestock Meat Poultry Producer Representative and Livestock (Beef) Producer** were sent to the Pennsylvania Farm Bureau, PennAg Industries, the Pennsylvania State Grange, and the Pennsylvania Farmers Union.

**Livestock (Meat Poultry) Producer Representative:** Mr. Michael L Brubaker has been nominated by the Pennsylvania Farm Bureau as the Livestock (Meat Poultry) Producer Representative.
Mr. Brubaker of Mount Joy, Lancaster County graduated from the Pennsylvania State University with a B.S. in Agricultural Business Management. Mr. Brubaker is co-owner of Brubaker Farms, LLC which raises 265,000 broilers annually and a 1,000-cow dairy raising 800 replacements heifers. The operation consists of 1,800-acres continuous no-till and cover crops on all acres. The operation is a Concentrated Animal Feeding Operation (CAFO) consisting of two farms both having implemented Nutrient Management and Odor Management Plans, as well as, conservation plans on all acres. The operation executed the first nutrient credit trades with Mount Joy Borough Authority. Broiler litter is windrowed and composted and the dairy manure is run through a methane digester. The operation has been the recipient of numerous awards. Mike is very active in farm and community organizations.

A biography for Mr. Mike L Brubaker is attached

**Livestock (Beef) Producer Representative:** Mr. David Bentrem has been nominated by the Pennsylvania Farm Bureau to fill the unexpired term of James King as the Livestock (Beef) Producer Representative.

Mr. Bentrem of Paris, Washington County attended Oklahoma Horseshoeing School. Mr. Bentrem is a Certified Journeyman Farrier and a Certified Tester for the Farrier Association. He completed his degree on Equine Management from Bethany College.

Mr. Bentrem is part of the Three D Ranch, LLC a family owned and operated business comprised of raising German Shepard dogs, American Quarter Horses and grass fed beef. The Bentrem family has farmed in Pennsylvania for more than 200 years. The farm is situated on 200 acres located west of Pittsburgh, Pennsylvania. Three D Ranch raises and sells grass-fed beef direct to their customers. The herd consists of nearly 80 head; mostly registered Red Devon cattle, along with a few Shorthorn and Hereford cattle. The operation believes in providing high quality, all natural beef. The cattle are grass-fed and pasture finished. Three D Ranch also offers horseback riding lessons, hay rides, on-premise trail rides and hunting guide services. Mr. Bertram handles all the paper work and issues dealing with the operation’s nutrient management plan. They work very closely with their County Conservation District and NRCS to establish plans an implement conservation practices. Last year they implemented an intensive grazing system and a Comprehensive Nutrient Management Plan and are working with NRCS to implement a manure stacking and storage facility.

A biography for Mr. David Bentrem is attached

**Academia Faculty Member in Animal Science from a PA College of Ag or University with Expertise in Odor Management:** Dr. Eileen E. Fabian (Wheeler), Ph.D. was nominated by the Pennsylvania State University to replace Dr. Robert Mikesell on the NMAB.

Dr. Fabian (Wheeler) is a Professor of Agricultural Engineering, Environmental Biophysics, Animal Welfare, and Agricultural Emissions. Her works included Integrated Research along with Extension Programs. Her areas of expertise include:

- Air quality in indoor agriculture (barn, poultry houses)
- Heating and Ventilation system design, principles and practice
- Horse facility engineering (stables, riding arenas)
- Farm animal welfare
- Agricultural air emissions (gas, odor, particulates)

She received her B.S. from the Pennsylvania State University, M.S. from Cornell University, and Ph.D. from Cornell University.

A biography for Dr. Eileen E. Fabian (Wheeler), Ph.D. is attached

**Local Government Representative:** At this time, no nominations for the Local Government Representative have been received. When a representative for the local government representative is received, the nomination will be sent to the commission.

**Action Needed**

Act 38 states that members are appointed to the NMAB by the Commission Chairperson, and approved by a 2/3 vote of the Commission. The Chairperson has reviewed the submitted nominations and has selected the above list of appointees provided in the “Action Requested” area of this memorandum. These appointees now require a formal vote of the Commission in order to be placed on the Board for a 3-year term.

Thank you for your consideration of these appointments.

Attachments:

- Mr. Adam Serfass biographical information
- Mr. Scott Hauseman biographical information
- Dr. Linda Baker V.M.D biographical information
- Mr. Michael Brubaker biographical information
- Mr. David Bentrem biographical information
- Dr. Eileen E Fabian (Wheeler) Ph.D. biographical information
Eileen E. Fabian (Wheeler), Ph.D.

Professor of Agricultural Engineering
Environmental Biophysics, Animal Welfare, and Agricultural Emissions
Integrated Research and Extension Programs

101 Research A
University Park, PA 16802

Email: fabian@psu.edu
Work Phone: 814-865-3552

Areas of Expertise

- Air quality in indoor agriculture (barns, poultry houses)
- Heating and Ventilation system design, principles and practice
- Horse facility engineering (stables, riding arenas)
- Farm animal welfare
- Agricultural air emissions (gas, odor, particulates)

Websites

- Horse Facility Engineering (stables, riding arenas)
  [http://extension.psu.edu/animals/equine/horse-facilities]

Education

B.S. Pennsylvania State University, Agricultural Engineering - Structures & Environment emphasis 1980
M.S. Cornell University, Agricultural Engineering - Mechanical Engineering minor 1985
Ph.D. Cornell University, Agricultural and Biological Engineering - Plant Physiology & Biological Engineering minors 1995
Extension and Research Links

Gypsum Bedding Factsheets and Webinars
[http://extension.psu.edu/animals/dairy/health/facilities/gypsum-bedding]

Manure Storage Design and Safety Considerations with Gypsum Bedding (E70)

Resources for Ventilation of Livestock Housing

Research

Current Research Projects

- Climate change mitigation and adaption in dairy production system in the Great Lakes region. 2013-2018. $10,000,000 [$833,074 to Penn State University]. USDA-National Institute Food and Agriculture-Coordinated Agriculture Project (CAP).

Recently Completed Research Projects


- Assessment of a dry poultry litter soil incorporation technology to protect air and water quality. $500,000 [$149,000 Penn State University]. 2010-2014. USDA 1890 Institution Teaching and Research Capacity building Grants Program.


- Odor emission evaluations of dairy nutrient management strategies. 2006–2009. $325,325. USDA Special Grant

- Integrated strategies for reducing gas emissions from dairy farms. 2005–2008. $332,000. USDA Special Grant

- Field verification of emissions mitigation methods from laying hen facilities. 2007–2008. $75,000 ($32,000 Penn State). U.S. Poultry & Egg Association

Air quality extension and education. 2006–2009. $500,000 ($25,000 Penn State). USDA National Research Initiative, Air Quality

Air quality in Norwegian horse stables. 2008. $14,000. Norwegian Horse Center (International)

Odor and Gas Emissions from Dairy Manure Amended with UNLOK. 2008. $10,000. AgraKey, Inc.

Validation of in situ flux chamber performance for determination of ammonia and odor emissions. 2008. $15,000. Penn State College of Agricultural Sciences, Seed Grant.

Completed Research

Principle Investigator


Reducing Ammonia Emissions from Poultry Houses by Enhanced Manure and Diet Management. 2001–2004. $270,000 Penn State ($870,000 Total). U.S. Department of Agriculture, IFAFS (U Kentucky, Lead; Iowa State U)


Comprehensive Odor Reduction Livestock Facility. 2001–03. $162,946. Pennsylvania Department of Agriculture

Pit Fans for Fly Control. 2000. $6,539. Pennsylvania Egg Research Program


Odor Control Wetlands for Liquid Swine Manure. 1999–2000. $41,816. Pennsylvania Department of Agriculture

Constructed Wetlands for Clean Greenhouse Wastewater. 1998–99. $58,582. Pennsylvania Department of Agriculture


Co-Investigator

- Reducing Ammonia Emissions from Dairy Farms-Evaluating Whole Farm Strategies. 2004–07. $332,000. U.S. Department of Agriculture, Special Grant

- Field Olfactometry for Quantifying and Targeting Agricultural Odor Control. 2005–07. $70,240. Pennsylvania Department of Agriculture

- Ferric Iron Treatment to Reduce Manure Odors. 2004–06. $170,000. Pennsylvania Department of Agriculture

- CFD Modeling of the Spread of Airborne Diseases in Chicken Houses. 2005. $5000. Penn State Indoor Environment Center Seed Grant

- The Application of Fenton Reaction for Reducing Manure Odors. 2004–05. $12,000. Penn State College of Agricultural Sciences


- Detection of Important Respiratory Irritants in Equestrian Facilities. 2003–04. $42,100. Pennsylvania Department of Agriculture

- Enzymatic Deodorization of Swine Manure. 2002–04. $119,000. Pennsylvania Department of Agriculture

- Advanced Molecular Analyses of Microbes from Constructed Treatment Wetlands. 2003. $7,250. College of Agricultural Sciences, Penn State Univ.

- Deodorization of Livestock and Poultry Manure by Microorganisms. 2001–03. $74,682. Pennsylvania Department of Agriculture

- Air Quality Parameters in Animal Housing Facilities. 2000–02. $59,455. Pennsylvania Department of Agriculture

Publications

Books


Journals 2000–2015


Selected Conference Papers 2000-2015


http://abc.psu.edu/directory/efw2


**Extension Outreach Publications**


Research Interests

Agricultural and Bioproducts Production [http://abe.psu.edu/directory/research-areas/agricultural-production]

Natural Resources Engineering and Protection [http://abe.psu.edu/directory/research-areas/natural-resource-engineering-and-protection]
May 18, 2017

Mr. Karl G. Brown  
Executive Secretary  
Pennsylvania State Conservation Commission  
2301 North Cameron Street  
Harrisburg, PA 17110-9408

Dear Mr. Brown:

Pennsylvania Farm Bureau is pleased to nominate Mr. David Bentrem as the Beef Producer Representative to the Nutrient Management Advisory Board.

Mr. Bentrem has extensive knowledge and experience in managing various breeds of grass-fed beef on the family ranch and is engaged in direct marketing of grass-fed beef to consumers. He participates in programs with the NRCS and the Washington County Conservation District to assist with nutrient management plans and to develop and implement new best management practices.

Dave will be engaged as a member of the Nutrient Management Advisory Board providing practical experience, reason and sound judgement to the Board regarding agricultural nutrient and odor management issues.

A biographical summary of Mr. Bentrem is enclosed for your reference.

Bill Neilson, Director of Commodity and Compliance Programs, is available to answer questions concerning the nomination and can be contacted at 717.731.3542 or at waneilson@pfb.com.

Sincerely,

[Signature]

Rick Ebert  
President
David Bentrem  
270 Purdy Rd.  
Paris, PA 15021  
412-580-4458  
davidbentrem@gmail.com

Background:  
Born and raised in Washington County, Pennsylvania, I am the youngest of six children; four girls and two boys. Growing up on our family's farm, I had a strong work ethic and a love of horses from a young age. At 14 years old, I traveled to Oklahoma Horseshoeing School for training to become a farrier. Those morals influence my life, even today. Since then, I've joined the American Farriers Association, become a Certified Journeyman Farrier and a Certified Tester for the Association. In 2012, I completed my college degree in Equine Management from Bethany College, where I have been asked to return as an adjunct professor in the same program. In August 2008 I met the second love of my life, Sarah. Today, Sarah and I are the proud parents of three children: Hailey, Alec and Dean. Family is a huge part of my life. Sarah and I take the kids horseback riding, fishing and include them at many Farm Bureau events. I enjoy spending time with them on the farm, passing along those family values and work ethic to our next generation. I am proud of my family, and our life. I would not want to raise our children anywhere but the farm. My greatest hope is that my children will grow up to love our life, and continue our farm as the ninth generation.

Our Ranching Operation:  
Three D Ranch, LLC is a family owned and run business comprised of raising German Shepherd dogs, American Quarter Horses and grass-fed beef. The Bentrem family has farmed in Pennsylvania for more than 200 years. We are situated on 200 acres located west of Pittsburgh, Pennsylvania. Three D Ranch raises and sells grass-fed beef direct to our customers. Our herd consists of nearly 80 head; mostly registered Red Devon cattle, along with a few Shorthorn and Hereford cattle. We believe in providing high quality, all natural beef. Our cattle are grass-fed and pasture finished. Three D Ranch is a picturesque farm with rolling fields for the horses to graze, hay fields for feed, plenty of land for supervised dog run and play, along with woods for friends and family to explore. Family bonfires and gatherings are a common occurrence for the Bentrem family. Three D Ranch also offers horseback riding lessons, hay rides, on-premise trail rides and hunting guide.

I handle all the paperwork and issues dealing with our operation's nutrient management plan. I work very closely with our County Conservation District and NRCS to establish plans and proper practices. Last year we implemented an intensive rotational grazing system and a Comprehensive Nutrient Management Plan and are currently starting another contract with NRCS to implement a manure stacking and storage facility.
Scott A. Hauseman
5 Virginia Avenue
Sinking Spring, Pa 19608

Summary
Agricultural professional with over 30 years experience in the agricultural industry including retail and agri-finance. Product of Berks County dairy and vegetable farm. Effective communicator with proven ability to accurately analyze risks. Self motivated and service oriented with the ability to work well with agricultural clientele. Established network of referral sources and industry professionals. Bachelor of Science, Agricultural Business Management, Pennsylvania State University, 1985.

Experience and Selected Accomplishments

**Fulton Bank**  senior lender (Senior Vice President)  2015-present
Manage 7 agriculture lenders who are integral to the bank’s ag portfolio of $1,200M. Hold loan authority of $1M single signature and $3M joint authority.

**Susquehanna Bank**  agricultural sales manager (Senior Vice President)  2006-2015
Started the Agricultural Lending Group in 2006 which grew from $18M at inception to $250M in agriculture loan exposure during my tenure. Developed bank’s agricultural loan policy. Developed the agricultural loan underwriting process for Susquehanna Bank. Held loan authority of $1.5M single signature and $6.5M joint authority.

**Community Banks and Blue Ball National Bank**  vice president  2003-2006
Developed a $40M loan portfolio of commercial production agricultural customers including a cross section of family farms, partnerships, and corporations involved in dairy, hog, poultry, and vegetable enterprises. Ongoing responsibilities include loan and payment delinquencies, underwriting prospective customer and prospect requests, and servicing of existing customer needs. Involved in the due diligence team for two prospective loan acquisitions. Held individual loan authority and a member of Officer’s Loan committee.

**Wachovia Bank** (formerly First Union, CoreStates Bank NA, and Meridian Bank, Inc)  vp  1992-2003
Responsible for $100M portfolio of commercial production agricultural customers. Developed an understanding of agricultural risk and loan structure. Learned to spread financial statements and interpret them. Held individual loan authority. Learned the FMHA guarantee program.

**Agway, Inc.**  Facility Manager - Leesport Farm Store  1985-1992
Responsible for $4 million agricultural crop input and animal feed retail store. Dispatched application vehicles for the chemical, fertilizer, and lime enterprises. Organized agronomic sales meeting and annual local stockholder’s meeting. Responsible for the store’s inventory control, product margins, and accounts receivable collection. Recommended and sold fertilizer and chemical programs. Converted book keeping and point of sale to a computerized system. Supervised 21 full time, part time, and seasonal employees. Completed a one year developmental management program.
Associations, memberships, and other education
Current ag advisory board member for Team Pa
Current member of Nutrient Management Advisory Board
Former Pa Banker’s Assn. member of Agriculture and Rural Issues committee
Formerly held NASD series 7 and Series 63 (Pa) securities license
LINDA D. BAKER, VETERINARIAN

Linda D. Baker is a veterinarian working as a production consultant for dairy producers in Pennsylvania. The largest component of Linda’s work is dairy cattle nutrition. Linda emphasizes high quality forages to improve milk production and profitability.

Linda received her B.S. degree from Juniata College in 1979 and her V.M.D from the University of Pennsylvania, School of Veterinary Medicine in 1984. Linda was employed in a large animal practice for two years, and then returned to Penn to do a residency in large animal nutrition, and became Board Certified by the American College of Veterinary Nutrition. Following the residency, Linda became a Lecture at New Bolton Center and completed her M.S. in the area of protein metabolism and milk urea nitrogen. Linda has a full time appointment as a Dairy Field Investigator thru PADLS, New Bolton Center where she works with dairy herds experiencing herd problems, as well as an active role in teaching veterinary students in nutrition and dairy production. Linda has been invited to speak for the AABP (American Assoc. Bovine Practitioners), PVMA (Pa. Vet. Med. Assoc.), Penn State Nutrition Conference and various farm organizations.

Linda is a member of the AABP, AVMA, PVMA, and local veterinary associations. Linda was reared on a dairy farm in Blair County, Pa. and enjoys being part of an agricultural community. She currently resides in Berks County and she is very active in church council, chancel choir and bell choir. She also participates in local school organizations and supports the local Boy Scout troop.

Linda has worked with dairy farmers for over 25 years in areas of nutrition, reproduction, young stock programs, and health care. Linda is excited to work with dairy producers in the future to meet the needs of the industry.
May 23, 2017

Mr. Karl G. Brown  
Executive Secretary  
Pennsylvania State Conservation Commission  
2301 North Cameron Street  
Harrisburg, PA 17110-9408

Dear Mr. Brown:

Pennsylvania Farm Bureau is pleased to nominate Mr. Michael Brubaker as the Meat Poultry Producer Representative to the Nutrient Management Advisory Board.

Mr. Brubaker has extensive knowledge and experience in managing hundreds of thousands of broilers annually and is engaged in developing Nutrient and Odor Management Plans on their CAFO operation. He is a certified manure broker and is involved in importing and exporting nutrients. The entire farming operation is under a current conservation plan with several of the conservation practices implemented through NRCS programs.

Mr. Brubaker will be engaged as a member of the Nutrient Management Advisory Board providing practical experience, reason and sound judgement to the Board regarding agricultural nutrient and odor management issues.

A biographical summary of Mr. Brubaker is enclosed for your reference.

Bill Neilson, Director of Commodity and Compliance Programs, is available to answer questions concerning this nomination and can be contacted at 717.731.3542 or at waneilson@pfb.com.

Sincerely,

Rick Ebert  
President
Michael L. Brubaker
Brubaker Farms, LLC
493 Musser Road Mount Joy, Pa. 17552  717-575-8565  m.l.brubaker@comcast.net

Agriculture Background
Co-owner of Brubaker Farms, LLC
Raise 265,000 broilers annually on contract with Tyson Foods
Operate a 1000 cow dairy.
Raise 800 replacements heifers for the dairy.
Grow crops on 1800 acres.

Education
B.S. in Agricultural Business Management, Pennsylvania State University, 1989

Experience
Implemented approved Nutrient Management Plans for 25+ years.
Operation is an approved CAFO.
Two farms are operating under approved Odor Management Plans.
All cropland has conservation plans.
Have been involved in importing and exporting of nutrients.
Have a manure broker certification.

Enhanced Conservation Practices
Continuous No-Till farming
Cover cropping all acres
Planted buffers along waterways
Over ten acres of CREP tree plantings along creeks

Enhanced Manure Management Methods
Broiler litter is windrowed and composted between each flock. Mortality is composted in separate NRCS cost shared manure stacking/composting barn.
Broiler litter is both land applied according to NMP and exported.
Methane digester captures the manure methane to power an electric generator. The manure nutrients are more plant-available after digestion.
The digester reduces odor and greenhouse gas emissions.
Partnered with NRCS under the EQIP program to improve liquid manure storage structures.
Implemented a drag line manure application system for precision application and minimal soil compaction.
Executed one of the first nutrient credit trades in Pennsylvania. Traded with Mount Joy Borough Authority for eight years.

Leadership
Past board member of the Poultry Meat Council of PennAg Industries
East Donegal Township Planning Commission
Member of the Lancaster Chamber of Commerce Ag Committee, 1994-2001
Board of Directors, Mount Joy Farmers Co-op, 1997-present
Board of Directors, Lancaster Dairy Herd Improvement Association
Past Advisory board member for Penn State University’s College of Ag Economics and Rural Sociology Department
Member of Pennsylvania Farm Bureau
Member of the Professional Dairy Managers of Pa.

Awards

National Environmental Stewardship Award winner, Tyson Foods
Recipient of the Chesapeake Bay Commission’s “Salute to Excellence” award given for improving environmental quality in the watershed.
Governor’s Award for Environmental Excellence
National Sustainability Award Winner
Penn Future Award for Green Power Generation
Pennsylvania Dairy of Distinction
Pennsylvania Dairy Stakeholder Pacesetter Award
Adam Serfass  
A_serfass@conradweiser.org  
w)610-693-8537 
c)610-413-0494  
Home - 8 Locust Lane Womelsdorf, PA 19567  
Work – Conrad Weiser Agriculture Science 44 Big Spring Road Robesonia, PA 19551

Employed by Conrad Weiser Area School District as a high school agricultural sciences instructor, currently in my 7th year of teaching. Courses are STEM and application based, dealing primarily with environmental science, entomology, biotechnology and emerging trends in science and agriculture. AP Environmental Science Instructor at Conrad Weiser.

Conrad Weiser FFA Advisor for past 7 years. I have coached 6 state champion Food Science teams, 4 state champion creed speakers, and several other regional and state champions.

PA FFA Food Science Chairman  
PA FFA Agri-Science Coordinator

Board member for Adopt an Acre, Inc. a non-profit which assists in preserving agricultural land not eligible for county or state programs.

Board member for Reading Fair Leon Kirkhoff Scholarship Fund  
Board member for Reading Fair (agricultural teacher representative)

Committee member to assist Berks County Develop “State of Environment, Waste”

Implemented School District wide recycling program to properly recycle all paper, cardboard, metal, plastic and glass. Food composting initiative currently on hold.
DATE: June 27, 2017

TO: Members
State Conservation Commission

FROM: Michael J. Walker
State Conservation Commission

SUBJECT: Nutrient Management Plan Review (1)
Jason Summers, Monroe County, Pennsylvania

**Action Requested**

Action on a Nutrient Management Plan for the following operation in Monroe County:

1. Jason Summers NMP,
   148 Sorel Road, Stroudsburg, PA 18360

**Background**

I have completed the required review of the subject nutrient management plan listed above. Final corrections to the plan were received at the PDA Region 2 office on June 27, 2017. As of that date, the plan was considered to be in its final form. The operation, located in Monroe County, is considered to be a concentrated animal operation (CAO) under the PA Nutrient and Odor Management Act. The Commission is the proper authority to take action on this plan, because Monroe County Conservation District has not been delegated plan review and action responsibilities (Level II) under the PA Nutrient and Odor Management Act Program.

A brief description of the operation, concluding with the staff recommendation, is attached. Also attached is a copy of the final form nutrient management plan for the operation.

Thank you for considering this plan for Commission action.
Farm Descriptions

Jason Summers NMP, Monroe County – Jason Summers owns and operates a small animal operation near Brodheadsville, PA. This operation is an equine training agricultural operation located in Monroe County comprising of 4.72 acres. Animals on the operation consist of the following – 7 mature horses, 4 yearling horses, 1 mini horse, 4 beef cattle, 20 chickens and 2 turkeys. The operation has an outdoor arena for training horses and riders and 8 small paddocks (ACAs). The 9 paddocks (8 paddocks and 1 riding ring account for 1.28 acres. Horses utilize 7 paddocks and the riding ring during daylight hours. Beef cattle have access to Paddock 4 only. The chickens and turkey are free range. Manure from these animals is handled as a solid and is planned to be collected weekly from all paddocks. All collected manure is stacked in a dump trailer until exported from the operation. The Summers do not grow any crops at this operation and import all the feed and bedding for these animals. Approximately 182 tons of manure will be generated per year if the operation and collected is exported to one known importer for alternative uses. The importer, Mt Oliver Twp, NJ composes the manure then mixes it with soil. The finished material will be utilized as a soil amendment material.

The combined animal equivalent units at Jason Summers animal operation is 16.25. Summers does not have control of any other crop production land and imports all the feed and bedding for these animals. The animal equivalent units per acre for Jason Summers animal operation are 1625, classifying this operation as a concentrated animal operation under Act 38 of 2005.

The proposed NMP for Jason Summers indicates needed BMPs which include the following – Stream Bank Fencing, 50 ft. Stream buffer, Roof Runoff Management and Paddock Maintenance (picking or scraping weekly of all paddocks). Summers was informed of the need and requirement of implementing the above listed BMPs at the time of the on-site farm visit and indicated his willingness to implement them and plan to start implementation in the near future. I believe with the implementation of these BMPs and the management listed in the submitted NMP that this will protect the water quality from this animal operation.

Based on my review, the NMP developed for Jason Summers 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)
2018-2020

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

Jason Summers
148 Sorrel St., Stroudsburg, PA 18360
973-583-3184

Operation's Location Address (if different than above)

Prepared By
Nutrient Management Specialist’s Name, Address, Telephone Number(s)

Josh Keister
245 Walnut St., Milton PA 17847
570-898-1466
Nutrient Management Specialist’s Program Certification Number
965 NMC

Administratively Complete Date

Plan Approval Date

Plan Update Submission Date(s)
(updates to the approved plan not requiring board action)

FINAL FORM
This version of the plan will be considered for action by the Conservation District Board at their ___________ , 20__ meeting

MONTH, DAY AND YEAR

Version 5.2 – October 2016
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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.)
**Nutrient Management Plan Summary**

**Total acres reported in NMP Summary:**

**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.

**Operation Acres:**

<table>
<thead>
<tr>
<th>Total Acres</th>
<th>4.72</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Acres Available For Nutrient Application Under Operator's Control</td>
<td>Owned: 0 Rented: 0</td>
</tr>
</tbody>
</table>

**Animal Equivalent Units:**

| Animal Equivalent Units Per Acre | 13.45 |

**CMU/Field ID**

<table>
<thead>
<tr>
<th>Acres</th>
<th>Crop</th>
<th>Manure Group</th>
<th>Application Season</th>
<th>Application Management</th>
<th>Planned Manure Rate¹</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N</td>
</tr>
<tr>
<td>No fields are present</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All paddocks are to be treated as ACAs</td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>

**Starter/Other Fertilizer (lb/A)**

<table>
<thead>
<tr>
<th>Nutrient Balance (lb/A)²</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
</tr>
</tbody>
</table>

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

**Crop Year(s):** 2018-2020
### NMP Summary Notes

**Crop Years 2018-2020**

<table>
<thead>
<tr>
<th>CMU/Field ID</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>No fields are present</td>
<td>Paddocks will have to have manure scraped and removed from the paddocks on a weekly basis. This will be stacked in the trailer utilized for export.</td>
</tr>
<tr>
<td>All paddocks are to be treated as ACAs</td>
<td></td>
</tr>
</tbody>
</table>

1. See rate calibration table (Nutrient Management Plan Summary Notes).
2. Positive numbers = nutrient deficit; Negative numbers = nutrient excess
# Manure Spreader Calibration Notes

Crop Years 2018-2020

<table>
<thead>
<tr>
<th>Manure Application Rate</th>
<th>Manure Spreader Used</th>
<th>Spreader Settings</th>
<th>Tractor Used (if applicable)</th>
<th>Tractor Settings (speed, gear, rpm, pto, etc.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>No manure is mechanically applied on the operation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
# Additional Nutrient Management Plan Requirements

## Manure Management and Stormwater BMP Implementation Summary

<table>
<thead>
<tr>
<th>Best Management Practice</th>
<th>NRCS Practice Code ¹</th>
<th>BMP Location</th>
<th>Implementation Season &amp; Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stream bank buffer-50 ft</td>
<td></td>
<td>All Streams and surface water sources</td>
<td>Fall of 2017</td>
</tr>
<tr>
<td>Stream bank fencing</td>
<td></td>
<td>In steer paddock and stallion paddock, 50 feet from stream</td>
<td>Fall of 2017</td>
</tr>
<tr>
<td>Roof Gutters</td>
<td></td>
<td>All rooflines discharging to paddocks</td>
<td>Summer 2018</td>
</tr>
<tr>
<td>Paddock maintenance (scrape manure)</td>
<td></td>
<td>All paddocks</td>
<td>Every week to every 2 weeks</td>
</tr>
</tbody>
</table>

¹ 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.

No manure is currently field stacked.

## Additional CAFO Requirements
In-field stacking criteria, winter storage requirements, and other issues identified by DEP’s review of the nutrient management plan.

None

## Proposed Manure Storage Description
Type, dimensions, volume, freeboard and location on map.

No manure storages proposed

## Description of Planned Alternative Manure Technology Practices
Type of practice, volume of manure addressed, and result of practice.

None
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.

Manure is exported from the operation to Mount Olive Township in New Jersey for composting and reuse as a landscape product.

Operator Management Map
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.
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:

- Pennsylvania Act 38 of 2005
- Pennsylvania CAFO (Concentrated Animal Feeding Operation) program
- Other program: CAO

Plans developed under these programs are required to be implemented as approved in order to maintain compliance with the specific law or program. Implementation includes adherence to manure and fertilizer application rates, timing, setbacks and conditions; installation of listed BMPs within implementation timeframes; and record keeping obligations of the program.

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

- [ ] 1-Year Plan for Crop Year (annual updates will be completed)
- [x] 3-Year Plan for Crop Years 2018-2020

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:

- [x] Verification of Ag E&S Plan
- [x] Verification of Existing Site Specific Emergency Response Plan

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.

- [ ] Owners Notified
- [x] 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

Date

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Appendix 1 – Nutrient Management Plan Agreement & Responsibilities Page 1
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  

[Signature]

Operator Title  

Owner

Date  

4/11/17
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, including atypical manure (contributing animal groups, collection, storage and handling procedures); mortality composting management.

Jason Summers owns a small farmette in Stroudsburg PA. 7 mature horses, 4 yearling horses, 1 mini horse, 3 beef cattle, 20 chickens and 2 turkeys are on the operation. The chickens and the turkeys are free range and have access to the majority of the property. The majority of their manure is deposited across the operation but the roosting areas will have some manure collection. This manure will be exported with the horse manure. Nine paddocks cover a total of 1.66 acres. These paddocks are treated are ACAs with the manure being scraped weekly. No crops are grown on the operation, as the above mentioned paddocks do not support grass. Total acres for the operation are 4.72 acres. 0.56 acres are covered with buildings and parking areas. The remaining 2.5 acres are covered by trees and other misc. vegetation. Manure is handled as a solid on the operation and after being scraped from the paddocks, it is stored in the trailer used to export the manure until it is exported. Mortalities will be sent to a landfill.

County(s)
Monroe

Name of Receiving Stream(s)/Watershed(s)
McMichael Creek

Notation of Special Protection Waters
EV Exceptional Value

Operation Acres
Total Acres: 4.72

Total Acres Available for Nutrient Application Under Operator’s Control
Owned: 1.0
Rented: 0

Names & Addresses of Owners of Rented or Leased Land
No rented land
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.

No existing manure storage exists.

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.

No manure is mechanically applied on the operation.
## Manure Analysis 5 Year Running Average

### Horses

<table>
<thead>
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<th>Manure Report Date</th>
<th>Feb 28, 2017</th>
<th>Feb 28, 2017</th>
</tr>
</thead>
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<tr>
<td>Laboratory Name</td>
<td>Spectrum Analytic Inc.</td>
<td>Spectrum Analytic Inc.</td>
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<tr>
<td>Manure Type</td>
<td>Other</td>
<td>Other</td>
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<tr>
<td>Manure Unit</td>
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<tr>
<td>Ammonium N (NH₄-N)</td>
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<td>Total Organic N</td>
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<td>3.60</td>
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<tr>
<td>Total Phosphate (P₂O₅)</td>
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<tr>
<td>Total Potash (K₂O)</td>
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<tr>
<td>Percent Solids</td>
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### Beef Steers

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</tr>
<tr>
<td>Total Organic N</td>
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<td>5.00</td>
</tr>
<tr>
<td>Total Phosphate (P₂O₅)</td>
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<td>5.00</td>
</tr>
<tr>
<td>Total Potash (K₂O)</td>
<td>8.00</td>
<td>8.00</td>
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<tr>
<td>Percent Solids</td>
<td>8.00</td>
<td>8.00</td>
</tr>
<tr>
<td>PSC Value</td>
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</table>

### Poultry, small quantity

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<td>Total Nitrogen (N)</td>
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<tr>
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<tr>
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<tr>
<td>Total Potash (K₂O)</td>
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<td>Percent Solids</td>
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*Manure Avg Printed Page - 1*
<table>
<thead>
<tr>
<th>Manure Report Date (note if averaging several reports)</th>
<th>Horses</th>
<th>Beef Steers</th>
<th>Poultry, small quantity</th>
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<tr>
<td>February 28, 2017</td>
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<td>Book Value</td>
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<tr>
<td>Laboratory Name</td>
<td>Spectrum Analytic Inc.</td>
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<td>Penn slate</td>
</tr>
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<td>Other</td>
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<td>Manure Unit (lbs/ton or 1000 gal)</td>
<td>lb/ton</td>
<td>lb/ton</td>
<td>lb/ton</td>
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<td>Total Nitrogen (N) (lbs/ton or 1000 gal)</td>
<td>4.20</td>
<td>14.00</td>
<td>52.90</td>
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<tr>
<td>Ammonium N (N&lt;sub&gt;2&lt;/sub&gt;) (lbs/ton or 1000 gal)</td>
<td>0.60</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Total Organic N (lbs/ton or 1000 gal)</td>
<td>3.60</td>
<td>14.00</td>
<td>52.90</td>
</tr>
<tr>
<td>Total Phosphate (P&lt;sub&gt;2&lt;/sub&gt;O&lt;sub&gt;5&lt;/sub&gt;) (lbs/ton or 1000 gal)</td>
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<td>42.90</td>
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<tr>
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<td>PSC Value (analytical or book value)</td>
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<td>Manure Group AEU's</td>
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<tbody>
<tr>
<td>Manure Group Identification</td>
<td>Horses</td>
<td>Horses - uncollected</td>
<td>Beef Steers</td>
<td>Beef Steers - uncollected</td>
<td>Poultry, small quantity</td>
<td>Poultry, small quantity</td>
</tr>
<tr>
<td>Description: Site &amp; Season Applied</td>
<td>Manure from horses</td>
<td>Spring/summer/fall</td>
<td>Manure from steers</td>
<td>Spring/fall</td>
<td>Manure from tree range poultry</td>
<td>All year</td>
</tr>
<tr>
<td>CALCULATED: Total Manure Collected Per Manure Group Unit</td>
<td>Tons</td>
<td>Tons</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>RECORDS: Total Manure Collected Per Manure Group Unit</td>
<td>Tons</td>
<td>Tons</td>
<td></td>
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</tr>
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<td>Manure Used On-Farm Units</td>
<td>Collected</td>
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<td>Manure Allocation Balance Units</td>
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<td>Tons</td>
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<td>Manure Exported Units</td>
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<td>Total Rainfall and Runoff</td>
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<td>Tons</td>
<td>Tons</td>
<td>Tons</td>
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</table>

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Appendix 3 Manure Group Info. Page - 1
<table>
<thead>
<tr>
<th>Animal Group 1</th>
<th>Horses</th>
<th>Horse</th>
<th>Horses - uncollected</th>
<th>Steers</th>
<th>Steers - uncollected</th>
<th>Chickens</th>
<th>Crackens - uncollected</th>
<th>Total Nitrogen (N) lb/ton</th>
<th>Total Nitrogen (N) lb/ton</th>
<th>Poultry Layer</th>
<th>Total Nitrogen (N) lb/ton</th>
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<tr>
<td>Hours Per Day On Pasture</td>
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<table>
<thead>
<tr>
<th>Animal Group 2</th>
<th>Yearling horses</th>
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<th>Turkeys</th>
<th>Poultry Layer</th>
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<td></td>
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</tr>
<tr>
<td>Total Bedding</td>
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<td></td>
<td></td>
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<td>Total Washwater</td>
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<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>CALCULATED - Total Uncollected Manure Per Animal Group</td>
<td>14.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>CALCULATED - Total Manure Collected Per Animal Group</td>
<td>14.1</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMU Field ID</td>
<td>No fields are present</td>
<td>All paddocks are to be treated as ACAs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Acres</td>
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<td>Soil Test Report Date</td>
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<td></td>
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<tr>
<td>Laboratory Name</td>
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<tr>
<td>Soil Test Levels (Mehlich-3 P &amp; K)</td>
<td>ppm P ppm K ppm</td>
<td>pH</td>
<td>ppm P ppm K pH</td>
<td></td>
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<td>P Index Part A Evaluation</td>
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<td>Part A Result</td>
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<td>Planned Yield</td>
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<td></td>
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<tr>
<td>PSU Soil Test Recommendation (b/a)</td>
<td></td>
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<tr>
<td>User Soil Test Recommendation (b/a)</td>
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<td></td>
</tr>
<tr>
<td>Other Nutrients Applied (b/a)</td>
<td></td>
<td>Nutrients applied regardless of manure</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>P Index Application Method</td>
<td></td>
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<tr>
<td>Double Crop Carryover N (b/a)</td>
<td>0</td>
<td>0</td>
<td></td>
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<td></td>
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<tr>
<td>Manure History Description</td>
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<tr>
<td>Residual Manure N (b/a)</td>
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<td></td>
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<tr>
<td>Legume History Description</td>
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<td></td>
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<tr>
<td>Residual Legume N (b/a)</td>
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<tr>
<td>Net Nutrients Required (b/a)</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manure Group</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Application Season Management (incorporation, cover crops, etc.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Availability Factors</td>
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<td></td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>(Total N or NH4-N &amp; Organic N)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P Index Application Method</td>
<td></td>
<td></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>N Balanced Manure Rate (ton galA)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P Removal Balance Manure Rate (ton or gal/A, if required by P index)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P Index Value</td>
<td>#VALUE!</td>
<td>#VALUE!</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Planned Manure Rate (ton or galA)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nutrients Applied at Planned Manure Rate (b/a)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Nutrient Balance after Manure</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supplemental Fertilizer (b/a)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P Index Application Method</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Final Nutrient Balance (b/a)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multiple Application</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manure Utilized on CMU</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Version 5.2 - October 2016
Appendix 4 Crop & Manure Mgmt. Page 1
No P Index Part B fields in this Plan

**PART A: SCREENING TOOL**

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Is the CMU in a Special Protection watershed?</td>
<td>Yes or No</td>
</tr>
<tr>
<td>Is there a significant farm management change as defined by Act 38?</td>
<td>Yes or No</td>
</tr>
<tr>
<td>Is the Soil Test Mehlich 3 P greater than 200 ppm P? (Enter soil test value in ppm P)</td>
<td>Yes or No</td>
</tr>
<tr>
<td>Is the Contributing Distance from this CMU to receiving water less than 150 ft?</td>
<td>Yes or No</td>
</tr>
<tr>
<td>Is winter manure application planned for this field?</td>
<td>Yes or No</td>
</tr>
<tr>
<td>Run P Index Part B voluntarily? (Answers are No to all Part A questions.)</td>
<td>Yes or No</td>
</tr>
</tbody>
</table>

**CMU/Field ID**

If the answer is Yes to any of these questions, Part B must be used.

**PART B: SOURCE FACTORS**

<table>
<thead>
<tr>
<th>Soil Test Rating = 0.20° Mehlich 3 Soil Test P (ppm P)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fertilizer P (in P2OSacres)</td>
</tr>
<tr>
<td>0.2 Placed or injected 2&quot; or more deep</td>
</tr>
<tr>
<td>0.4 Incorporated &lt;1 week following application</td>
</tr>
<tr>
<td>3.6 Incorporated &gt;1 week or not incorporated following application in April - October</td>
</tr>
<tr>
<td>6.8 Incorporated &gt;1 week or not incorporated following application in Nov. - March</td>
</tr>
<tr>
<td>1.0 Surface applied to frozen or snow covered soil</td>
</tr>
<tr>
<td>Fertilizer P (in P2OSacres)</td>
</tr>
<tr>
<td>0.2 Placed or injected 2&quot; or more deep</td>
</tr>
<tr>
<td>0.4 Incorporated &lt;1 week following application</td>
</tr>
<tr>
<td>0.6 Incorporated &gt;1 week or not incorporated following application in April - October</td>
</tr>
<tr>
<td>0.8 Incorporated &gt;1 week or not incorporated following application in Nov. - March</td>
</tr>
<tr>
<td>1.0 Surface applied to frozen or snow covered soil</td>
</tr>
</tbody>
</table>

**Fertilizer Rating = Fertilizer Rate x Fertilizer Application Method**

<table>
<thead>
<tr>
<th>MANURE P RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.2 Placed or injected 2&quot; or more deep</td>
</tr>
<tr>
<td>0.4 Incorporated &lt;1 week following application</td>
</tr>
<tr>
<td>0.5 Incorporated &gt;1 week or not incorporated following application in April - October</td>
</tr>
<tr>
<td>0.8 Incorporated &gt;1 week or not incorporated following application in Nov. - March</td>
</tr>
<tr>
<td>1.0 Surface applied to frozen or snow covered soil</td>
</tr>
</tbody>
</table>

**MANURE APPLICATION METHOD**

<table>
<thead>
<tr>
<th>P SOURCE COEFFICIENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refer to: Test results for P Source Coefficient OR Book values from P Index Fact Sheet Table 1</td>
</tr>
</tbody>
</table>

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

**Source Factor Sum**

**PART B: TRANSPORT FACTORS**

<table>
<thead>
<tr>
<th>EROSION</th>
<th>Soil Loss (inches/acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Excessively</td>
</tr>
<tr>
<td>2</td>
<td>drainage Class is Somewhat Excessively</td>
</tr>
<tr>
<td>4</td>
<td>drainage Class is Well/Moderately Well</td>
</tr>
<tr>
<td>6</td>
<td>drainage Class is Somewhat Poorly</td>
</tr>
<tr>
<td>8</td>
<td>drainage Class is Poorly/Poorly</td>
</tr>
</tbody>
</table>

**Transport Sum = Erosion + Runoff Potential + Subsurface Drainage + Contributing Distance**

**Transport Sum x Modified Connectivity / 24**

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

---

1 OR rapidly permeable soil near a stream.
2 "Y" factor does not apply to fields receiving manure with a 35 ft. buffer.
Appendix 6
Manure Management

Date of Site Evaluation: February 17, 2017

Statement Documenting Areas Evaluated During Site Evaluation

A site visit was conducted on February 17, 2017 to determine if there are items in need of best management practices. During the visit the barn area, pond area, paddocks, steer paddock, horse shed, and surrounding areas were looked at to determine if BMPs are needed.

Identification of Inadequate Manure Management Practices and Conditions

The paddocks are not big enough to maintain grass cover with the animal numbers present. Manure will also need to be collected and removed from the paddock areas. All paddocks will be treated at Animal Concentration Areas (ACAs) as no grass growth to limited grass growth will be possible.

BMPs to Address Manure Management Problem Areas

Scrape all paddocks on a weekly time frame. Collect manure and export to Mount Olive Township at time of collection. Ensure upslope water is diverted away from the paddocks if possible. Install/maintain gutters on all roof overhangs that discharge onto the paddock areas. For all paddocks that are within 50 feet of the stream, a vegetative buffer will need to be installed to mitigate any movement of water and nutrients from the paddocks toward the streams.

See appendix 10 for information of ACA management.
Appendix 7

Stormwater Control

Date of Site Evaluation:  February 17, 2017

Statement Documenting Areas Evaluated During Site Evaluation

A site visit was conducted on February 17, 2017. During the visit, the paddock areas and the surrounding landscape was looked at to determine if there are any erosion issues.

Identification of Critical Runoff Problem Areas

During the visit, the paddocks showed little sign of erosion.

BMPs to Address Critical Runoff Problem Areas

None at this time.
Appendix 8

Importer/Broker Agreements & NBSs

Nutrient Balance Sheets are not required for importers that have an approved Nutrient Management Plan.
Export/Importer Agreement
Manure Used for Other Than Agricultural Land Application

Developed consistent with the PA Nutrient and Odor Management Act Program

1) This agreement is entered into on __________, 2017, by ________________
   (the "exporter") who will supply manure, and ___________________________ (the
   "importer"), 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 importer.

3) The exporter is located at (county, twp. and address): ____________________________
   ____________________________
   ____________________________
   ____________________________

4) The exporter will, as the supply of manure allows, provide the following amounts of manure during
   the seasons outlined below:

   Tons of (Species) manure, per season:
   Spring _________ Summer _________ Fall _________ Winter _________

   Gallons of (Species) manure, per season:
   Spring _________ Summer _________ Fall _________ Winter _________

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

   _________ Tons of (Species) manure:
   _________ Gallons of (Species) manure:

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

5) The importer's location and other relevant information as it relates to this manure export, is as
   follows:

   a) Phone number: __________

   b) County(s): ________________

   c) Address: __________________

   d) Owner of the property receiving manure: ____________________________

   e) Proposed usage of the imported manure: ____________________________

6) The exporter will use a Manure Export Sheet to record all manure exported to the importer. 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

October 2015 Version
containing the same information as, and are reasonably similar in format to, the forms available from the State Conservation Commission or the conservation district.

7) Records relating to the export of manure shall be prepared by the exporter in accordance with the following requirements of the Nutrient and Odor Management Act regulations:
   a) A Manure Export Sheet shall be used to document all manure exports for their records
      - A copy of the Manure Export Sheet shall be provided to the importer
      - A copy of the Manure Export Sheet shall be retained on site by the exporter
   b) Records shall be maintained by the exporter for a minimum of 3 years

8) Where applicable, the importer shall properly store manure received from the exporter in accordance with the provisions of the Manure Management Manual and the PA Technical Guide and shall not cause contamination of surface or ground water. This shall include manure stacked in application fields which may not be retained in fields for greater than 120 days unless covered or otherwise protected.

9) This agreement shall remain in full force 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.

Exporters Signature, Name and Date
____________________________ (signature)
T.David Cummings
____________________________ (name)
4/11/17
____________________________ (date)

Importers Signature, Name and Date
____________________________ (signature)
Tim Quigley
____________________________ (name)
4/11/17
____________________________ (date)
Appendix 9

Operation Maps

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.
### Map Unit Legend

<table>
<thead>
<tr>
<th>Map Unit Symbol</th>
<th>Map Unit Name</th>
<th>Acres in AOI</th>
<th>Percent of AOI</th>
</tr>
</thead>
<tbody>
<tr>
<td>LyE</td>
<td>Lordstown and Oquaga extremely stony soils, 25 to 70 percent slopes</td>
<td>0.0</td>
<td>0.2%</td>
</tr>
<tr>
<td>MaB</td>
<td>Mardin channery silt loam, 2 to 8 percent slopes</td>
<td>4.1</td>
<td>53.1%</td>
</tr>
<tr>
<td>VoB</td>
<td>Volusia gravelly silt loam, 3 to 8 percent slopes</td>
<td>1.3</td>
<td>16.6%</td>
</tr>
<tr>
<td>Wb</td>
<td>Wayland silt loam</td>
<td>2.3</td>
<td>29.9%</td>
</tr>
<tr>
<td><strong>Totals for Area of Interest</strong></td>
<td></td>
<td><strong>7.7</strong></td>
<td><strong>100.0%</strong></td>
</tr>
</tbody>
</table>
Appendix 10

Supporting Information & Documentation

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.

Chicken and turkey manure is distributed over the operation due to their free range nature. Manure that can be collected from the poultry where they roost will be exported with the horse manure.

Animal concentration areas or ACAs are barnyards, feedlots, loafing areas, exercise lots or other similar animal confinement areas that will not maintain a growing crop. Areas that are managed as pasture or other cropland are excluded from this designation. There may be smaller animal congregation areas in pastures that are non-vegetated. These would include: access lanes, watering areas, feeding areas or shade areas. Therefore, all pasture areas on the operation need to be assessed as part of this on-site evaluation for the purpose of determining if these “potential” animal concentration areas do cause a direct flow of manure contaminated water to surface or groundwater. In general, the evaluation of the adequacy of ACA practices and conditions should consider the ability of the current practices and management to keep clean water clean and to collect, handle and treat contaminated runoff water before discharging into surface water or groundwater.

All Act 38 Nutrient Management Operations shall comply with the following –

Operation and Maintenance of Animal Concentration Areas (ACA) –
ACAs must be located and sized appropriately to minimize the impact on surface water and groundwater.
Routine (at least weekly and prior to any storm event) collection of accumulated manure for land application or export from the operation is required on all ACAs.
Control upslope and/or uncontrolled stormwater so that it does not enter ACA.
Collect and/or treat all stormwater from the ACA and discharge to appropriate area or filter area.
Animal access to surface water in animal concentration areas must be limited to properly installed stream crossings as needed for livestock and equipment.
Animal access can not be within 50 feet of any water body.
Date: June 30, 2017

To: Members

From: Karl G. Brown
Executive Secretary

RE: Summary of Allocation Concepts
FY 2017-18 Conservation District Fund Allocation Program

Actions Requested:

Adopt an allocation concept for the FY2017-18 Conservation District Fund Allocation Program (CDFAP).

Background:

The State Conservation Commission is scheduled to consider FY2017-18 allocations for the Conservation District Fund Allocation Program (CDFAP) at its July 12, 2017. Information for this action is based on appropriation figures provided in the Governor’s ‘proposed’ FY2017-18 Pennsylvania state budget, which are consistent with figures adopted this week by the Pennsylvania Senate, and an alternate budget proposed by the House of Representatives in HB 218.

Funds provided for distribution under this action are traditionally provided thru line item appropriations to DEP and PDA, and thru an earmarked transfer from the Unconventional Gas Well Fund (UGWF) to the Conservation District Fund (CDF). For FY 2017-18, state budget proposals include the following specific line item amounts:

**Governor Wolf’s and PA Senate ‘Proposed’ State Budget (Concept 1 below):**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEP CDF Line Item</td>
<td>$2,506,000</td>
</tr>
<tr>
<td>PDA CDF Line Item</td>
<td>$869,000</td>
</tr>
<tr>
<td>UGWF CDF Transfer</td>
<td>$3,821,500</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$7,196,500</strong></td>
</tr>
</tbody>
</table>

**HB 281 ‘Proposed’ State Budget (15% reduction from FY 2016-17) (Concept 2 below):**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEP CDF Line Item</td>
<td>$2,130,000</td>
</tr>
<tr>
<td>PDA CDF Line Item</td>
<td>$739,000</td>
</tr>
<tr>
<td>UGWF CDF Transfer</td>
<td>$3,821,500</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$6,690,500</strong></td>
</tr>
</tbody>
</table>

*Please note that a Consumer Price Index (CPI) adjustment, afforded under Act 13, was made to these UGWF transfer for FY 2017-18 in an amount of $49,000, an approximate increase of 1.3% increase during the 2016-17-time frame.*
In addition to the funds listed above, the UGWF will distribute an additional $3.8215 million directly to conservation districts thru the Pennsylvania Public Utility Commission (PA PUC) in the form of “block grants”. The PA PUC block grant allocation will be $57,901.51 per district for FY 2017-18. Please note, the Commission does not have decision-making authority over PUC UGWF revenue provided to conservation districts.

As has been provided in previous years, program staff developed several options for the Commission to consider at its July meeting. Two (2) different allocation concepts were developed based on information provided in the Governor’s budget proposal and HB 218. Copies of the concepts are provided to Commission members in their meeting packets. A copy of the allocation concept approved by the Commission for FY2016-17 (Chart B2) is also provided for reference.

The following is a summary of the proposed concepts:

**Concept 1 – Distribution of ‘line item’ appropriations under the Governor budget proposal**

- Appropriation maintained at FY2016-17 levels ($3.375 Million)
- Supports ‘department’ program priorities for positions (Manager, E&S and Agricultural technicians).
- Portion of UGWF revenue ($49,660) deferred to maintain ACT allocations at FY2016 levels
- Statewide special project funds taken off the top of UGWF revenue.
- 50/50 split of remaining UGWF revenue
- $15,000 base for counties where 5-year average of DEP regulated spudded well is greater than ‘zero (0)’.
- 5-Year average (2012-2016) of DEP regulated spudded wells*

*A copy of a comparative analysis of change to the 5-year average spudded well information is provided for Commission members reference.

**Concept 2 – HB218 proposed 15% reduction to ‘line item’ appropriations**

- Appropriation reduction from FY2016-17 levels ($2.866 Million)
- Portion of UGWF revenue ($555,660) deferred to maintain ‘department’ program priorities for positions (Manager, E&S and Agricultural technicians).
- Statewide special project funds taken off the top of UGWF
- 50/50 split of remaining UGWF revenue
- $15,000 base for counties where 5-year average of DEP regulated spudded well is greater than ‘zero (0)’.
- 5-Year average (2012-2016) of DEP regulated spudded wells

If Commission members have any questions, or need any additional information, please feel free to talk with either Johan Berger at 718-772-4189, Karen Books at 718-772-5649 or Fred Fiscus at 718-772-5660 as they were actively involved in developing these scenarios and this background information.
Comparison of the 5-year averages of DEP Unconventional Gas Wells (UGW) over fiscal years 2015, 2016 and 2017

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PUC UGWF Block Grant = [CDFAP Line item + SCC UGWF Funds] = Total FY2017-18 UGWF Monies

**Notes:**

A - [CDFAP UGWF Monies] - 50% of SCC UGWF Funds = equal amount distributed to ALL districts - INCREASED

B - Funding needs for 'priority' statewide special projects (~ $300,000) - NO CHANGE

C - [CDFAP UGWF Monies] - 50% of SCC UGWF Funds = equal amount distributed to ALL districts - INCREASED

D - [CDFAP UGWF Monies] - 50% of SCC UGWF Funds = equal amount distributed to ALL districts - INCREASED

E - Funding needs for 'priority' statewide special projects (~ $300,000) - NO CHANGE

**Special Notes:**

* UGWF funding includes an increase of $49,000 due to CPI adjustment distributed across items C, D & E

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

$3,821,500
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<tr>
<td>Erie</td>
<td>$15,650</td>
<td>$15,650</td>
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</tr>
</tbody>
</table>

**Notes:**

- Chart 2 illustrates a distribution of CDFAP FY2017-18 ‘Line Item’ appropriations as proposed under HB 218 ($506,000 reduction); a shift of a portion of Act 13 UGWF funds to off-set HB 218 appropriation deficit in order to maintain funding levels for positions AND a $150K shift of the balance of UGWF funds distributed by the State Conservation Commission under the CDFAP Statement of Policy.
- Applies a $150,000 base grant to each county where the 5-year average of documented spudded gas wells is greater than ten (10). A per well credit is provided based on a 5 year average of spudded wells, in their respective county, based on well count information provided by DEP.

### PUC UGWF Block Grant + CDFAP Line Items + SCC UGWF Funds - Total Year 6 CDFAP & UGWF Funds (2016 UGWF funds)

<table>
<thead>
<tr>
<th>County</th>
<th>Total</th>
<th>%</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>Armstrong</td>
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### CDFAP/UGWF Available Funding (FY2017-18)

<table>
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<tr>
<th>Line Item</th>
<th>Amount</th>
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<tr>
<td>CDFAP/UGWF</td>
<td>$3,621,000</td>
</tr>
<tr>
<td>DEP Line Item Appropriations</td>
<td>$2,130,000</td>
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<tr>
<td>PDA Line Item Appropriations</td>
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<tr>
<td>Subtotal</td>
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</table>

### Special Notes:

- UGWF funding includes an increase of $40,000 due to CPI adjustment distributed across items C, D and E.
- **The SCC does not have decision making authority over PUC Block Grant revenue distribution.**

### Distribution/Information Identified by Column/Line (A, B, C, D, E)

- A = UGWF Block Grant - $3,621,000 distributed - equal amounts distributed by PUC to ALL districts.
- **B1, B2 & B3 = DEP/FGP Line Items: REDUCED ($2,485,666).** Approximately $556K of Act 13 revenue diverted to column B1-B3 to maintain allocations at FY2016 levels.
- 1) Supports Department program priorities (Manager, E& Tech, ACT)
- 2) Relative to FY2016-17 distribution
  - OM funding - NO CHANGE
  - E& Tech - NO CHANGE
  - ACT NO CHANGE
- C = ‘CDFAP/UGWF Monies’ - 50% of the balance of SCC UGWF ($1,482,989) - equal amount distributed to ALL districts - DECREASED
- D = UGWF Year 4 - 50% of SCC UGWF ($1,428,988) - NO CHANGE
- 1) Applies a $150,000 base grant ONLY to counties where the 5-year average of documented spudded gas wells is greater than ten (10).
- 2) Funding distributed ONLY to counties where the 5-year average of documented spudded gas wells is greater than ten (10), based on policy of a 5-year average of DEP
- E = Funding needs for ‘priority statewide special projects’ (~ $300,000) - NO CHANGE
- 1) Allocated from UGWF funds prior to allocation to CDFAP priorities and well count districts.
<table>
<thead>
<tr>
<th>County</th>
<th>Monies from UGW funds  ($15,000 base + $1,736,250) - SSP = $300,000</th>
<th>UGW Year 5 of PUC UGWF Monies</th>
<th>SSP</th>
<th>Total</th>
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<td>152,377</td>
<td>154,907</td>
<td>469,284</td>
</tr>
</tbody>
</table>

**SPECIAL NOTES:**

- UGW funding includes an increase of $22,600 due to CPR adjustment distributed across items C, D & E.
- The SCC does not have decision-making authority over PUC Block Grant revenue distribution.

**NOTES:**

Chart B2 illustrates a distribution of CDFAP FY2016-17 proposed ‘Line item’ appropriations AND a 50/50 split of Act 13 UGW Funds (UGWF) distributed by the State Conservation Commission under the CDFAP Statement of Policy. A $15,000 base grant to each county where the 5-year average of documented spudded gas wells is greater than item (E), And, a per well credit is provided based on a 5-year average of spudded wells, in their respective county, based on well count information provided by DEP.
June 2017 Report to the Citizens Advisory Council
(New and updated information in italics)

DEP Highlights

Chesapeake Bay Program

Phase III Watershed Implementation Plan (WIP)

DEP has started the development process for the Phase III WIP. The intention of this process is to develop a final plan that:
1. Is implementable to achieve the Total Maximum Daily Load (TMDL) nutrient and sediment load reduction allocations for Pennsylvania.
2. Results in local water quality improvement while restoring the Chesapeake Bay.
3. Addresses the US Environmental Protection Agency's expectations as described in their finalized "Expectations for the Phase III Watershed Implementation Plans" documentation including:
   a. Pollutant Source Sector-specific plans for reductions.
   b. Local area planning goals.
   c. Consideration of climate change, Conowingo Dam and sector growth, depending on partnership resolution of these issues.
4. Addresses the additional special conditions and expectations EPA has delineated for Pennsylvania due to the Commonwealth's current "backstop" status for the agriculture and urban sectors.
5. Includes stakeholder input, public engagement and comment.

To accomplish this the Phase III WIP will build upon the principles of the Chesapeake Bay Restoration Strategy released in January 2016 to:
1. Achieve water quality improvement and protection through an effective combination of technical and financial assistance, outreach and inspection, and where needed, compliance and enforcement.
2. Focus on local water quality improvement through:
   a. Effective targeting and prioritization of available resources
   b. Data collection, monitoring and continuous analysis
3. Document progress and performance through effective data collection and analysis and practice verification.
4. Look for innovative technical and finance strategies to maximize available public and private sector funding.
To accomplish this task a steering committee has been formed to provide input and recommendations to the Department for the development of the Phase 3 WIP. Members include:

1. Department of Environmental Protection, Chair – Secretary Patrick McDonnell
2. Department of Agriculture – Secretary Russell Redding
3. Department of Conservation and Natural Resources – Secretary Cindy Dunn
4. State Conservation Commission – Karl Brown, Executive Secretary
5. Chesapeake Bay Commission – Representative Garth Everett, Chair
6. Susquehanna River Basin Commission – Drew Dehoff, Executive Director
7. Interstate Commission of the Potomac River Basin – Carlton Haywood, Executive Director
8. Pennsylvania Infrastructure Investment Authority – Paul Marchetti, Executive Director
9. Co-chairs of the Workgroups

The steering committee has met twice to begin developing the framework for moving forward, including the creation of six workgroups; each chaired by a state agency representative and one to two representatives from an organization with expertise in the issues that workgroup will need to address. A coordinator was also assigned to each workgroup to facilitate completion of the assignments given to each workgroup. The workgroups and co-chairs are:

a. Local Area Goals, Priority Areas & Practices
   - Lisa Schaefer, Director of Government Relations, County Commissioners Association and Co-chair of the Chesapeake Bay Local Area Planning Target Action Team
   - Davitt Woodwell, President and CEO, Pennsylvania Environmental Council
   - Steve Taglang, Bureau of Clean Water
   - Coordinator: Kristen Wolf

b. Stormwater
   - Felicia Dell, Director, York County Planning Commission
   - Sean Furjanic, Bureau of Clean Water
   - Coordinator: Lee Murphy

c. Agriculture
   - Matt Royer, Representative of the PA in the Balance Steering Committee
   - John Bell, Senior Government Affairs Counsel, Pennsylvania Farm Bureau
   - Greg Hostetter, Department of Agriculture
   - Doug Goodlander, Bureau of Clean Water
   - Coordinator: Jill Whitcomb, Bureau of Clean Water

d. Wastewater
   - John Brosious, Deputy Executive Director, Pennsylvania Municipal Authorities Association
   - Jay Patel, Bureau of Clean Water
   - Coordinator: Brian Schlauderoff

e. Forestry
   - Katie Ombalski, Woods and Water Consulting, formerly with ClearWater Conservancy
   - Matthew Keefer, Department of Conservation and Natural Resources
   - Coordinator: Teddi Stark, DCNR Riparian Forest Buffer Coordinator

f. Funding
   - Representative Garth Everett, Chair, Chesapeake Bay Commission
   - Marel King, PA Director, Chesapeake Bay Commission
   - Briohn Johnson, Deputy Executive Director, PENNVEST
   - Coordinator: Nicki Kasi

Key milestones in the completion of the plan are:
- **January 19, 2017** – EPA released interim final expectations for completion of revised Phase III WIPs to be developed by the states. Appendices will be added to this expectations document as decisions are made over the coming months regarding Conowingo Dam, Climate Change and the actual planning targets for each state.

- **May 8, 2017** – EPA released final Pennsylvania state-specific expectations for the completion of Pennsylvania’s Phase III WIP.

- **October 2017** – EPA releases draft Phase III planning targets. These are revised nutrient and sediment reduction goals for each state by major basin.

- **December 2018** – States must submit draft Phase III Watershed Implementation Plans to EPA for review and approval. These plans must be developed in concert with stakeholders and include a public outreach and comment process.

- **March 2019** – Final Pennsylvania Phase III WIP is approved and released.

Key issues of interest to Pennsylvania now under review as part of a midpoint assessment of the TMDL by the Chesapeake Bay Program Partnership include:

- **Conowingo Dam** – This dam is no longer serving as a trap of nutrients and sediment. This reduction in trapping capacity is having an impact on the water quality of the Chesapeake Bay.

- **Climate Change** – Increases in flow and temperature by 2025 due to climate change are being analyzed as to their potential impact on future water quality and living resources habitat. Several options as to how to deal with this change in climate are being reviewed.

- **Sector Allocations and Sector Growth** – The wastewater systems, or point source sector, have all reached their targeted allocations. Agriculture and Urban stormwater have not. Additional work needs to be done here to reach the allocation goals and to account for population growth and change in land use. The question now becomes how much should each sector do, how should they get it done, and where in the watershed is the most impact on water quality achieved.

- **Local Planning Goals** – EPA included criteria for local planning goals in the interim final expectations document. These criteria were developed by the Chesapeake Bay Program Partnership Local Planning Target Task Force. The intent behind these local planning goals is to more effectively target resources and achieve success.

Incorporated into the development of the Phase III WIP may also be a re-evaluation of Pennsylvania’s commitments under the 2014 Watershed Agreement. This Agreement sets goals and outcomes for the following main categories: Sustainable Fisheries; Vital Habitats; Water Quality; Toxic Contaminants; Healthy Watersheds; Stewardship; Land Conservation, Public Access; Environmental Literacy and Climate Resiliency. Some outcomes are combined into a single management strategy, resulting in a total of 29 strategies with associated two year workplans and action items. Pennsylvania developed a strategy and workplan for 25 of the 29 strategies. (The four strategies that Pennsylvania did not develop a strategy and workplan for involve areas such as blue crabs, where Pennsylvania has minimal expertise and daily involvement). In preparation for the work of the Phase III WIP, a preliminary analysis was done of the progress so far and the impact these strategies and workplans are having on the success of Pennsylvania programs. As a result, the Bay Program Partnership was informed that Pennsylvania is withdrawing from active participation in four other strategies including Healthy Watersheds, Diversity, Local Leadership and Citizen Stewardship. These will be revisited as the Phase III WIP is written to see if, through some revisions to the approach taken in these workplans, an impact to the success of the implementation of the Phase III WIP can be achieved.

A one-day Kick-Off and Listening Session is planned for June 5, 2017 at the Radisson Hotel Harrisburg in Camp Hill. The goal for the session is to begin to solicit input and comments on the key elements that must be
incorporated into the Phase III WIP in order to ensure successful implementation. This one-day session will be supplemented by a 35-day written comment period starting June 3, 2017 through July 7, 2017. The input from this session and the written comments will be summarized and divided among the different workgroups for consideration and incorporation into the appropriate section of the Phase III WIP. As of the May 24 registration deadline, 234 people had registered for the Kick-Off Session. A few additional people will be accommodated upon request to attend through May 31.

**Chesapeake Bay Ag Inspection Activities**

As part of the January 2016 Chesapeake Bay Restoration Strategy, DEP and County Conservation District staff are conducting inspections of farm operations to ensure compliance with existing Pennsylvania regulatory requirements. This element of the restoration strategy is addressing pollutant reduction deficiencies by addressing the EPA goal of inspecting 10 percent of farms in the Bay watershed annually. This increased inspection and compliance effort directed towards the agriculture sector is being accomplished using existing DEP and Conservation District staff. DEP staff completed training sessions for the Chesapeake Bay Initial Ag Inspection program sumner of 2016. The goal is for the SCRO to complete 300 inspections, Northcentral Regional Office 200 inspections, Northeast Regional Office 100 inspections and the Southeast Regional Office 30 inspections by the end of June, 2017. As of the end of March, the total number of inspections reported by regional offices and conservation districts was 1,125, totaling approximately 119,000 acres. As of the end of March the regional offices have completed 477 inspections, which included initial and follow-up inspections. Participating districts began conducting inspections in accordance with their DEP-approved inspection strategies in October. As of the end of March, these districts completed 648 inspections. The goal for each conservation district is 50 inspections for each full-time Bay Technician funded with EPA federal grant dollars. Through May 15, 2017, the conservation districts have referred 15 operations to DEP for follow up enforcement action. Two of the operations were referred due to water quality violations. The other 13 were referred because these farmers failed to produce the required Manure Management Plan or Ag Erosion and Sedimentation Control Plan, or both during the initial inspection and inspection follow up process. To date, DEP has sent 11 Notices of Violation to these farms referred to the Department of non-compliance with Manure Management and/or Ag Erosion and Sedimentation Control planning obligations. *DEP has received administratively complete plans for two of the farms that received NOVs.*

**Penn State Conservation Practice Survey**

Another key component of the January 2016 Chesapeake Bay Restoration Strategy is an effort to improve the Commonwealth’s data management capabilities and to quantify undocumented best management practices installed by producers on a voluntary basis. One step to accomplishing this is a survey recently completed by Penn State University. Penn State developed and sent out a survey to roughly 22,000 Pennsylvania Chesapeake Bay watershed farmers requesting that they voluntarily report non-cost share BMPs in January. Of this, 6,751 completed questionnaires were returned (30%, a notably good response); Penn State Extension staff completed verification of 10% of the surveys received across the watershed of voluntary practices installed. The final results of this survey were announced on December 16, 2016. Results are as follows:

- 475,800 acres of nutrient/manure management;
- 97,562 acres of enhanced nutrient management;
- 2,164 animal-waste storage units;
- 2,106 barnyard runoff-control systems;
- 55,073 acres of agricultural erosion and sedimentation control plans;
- 228,264 acres of conservation plans;
- more than 1.3 million linear feet of stream-bank fencing;
- 1,757 acres of grass riparian buffers; and
- 5,808 acres of forested riparian buffers.

Department staff have reported these results to the EPA Chesapeake Bay Program Office for inclusion in the Chesapeake Bay Watershed Model. Using Scenario Builder and CAST, it is estimated that these practices will
result in a reduction of 1,047,704 pounds of nitrogen per year, 79,620 pounds of phosphorus per year and 10,395,906 pounds of sediment per year delivered to the Chesapeake Bay. All the issues related to the crediting of these practices in the Watershed Model have been resolved and these practices will be incorporated into the results of the 2016 Progress Run.

**NRCS Remote Sensing Potomac Pilot Project**
Over the past two years NRCS and the Department have been working together to complete a pilot project to use remote sensing data to identify the existence of several different best management practices in the five counties in the Potomac River Basin in Pennsylvania. It took a significant amount of effort to get the process and protocols approved by the Chesapeake Bay Program Partnership and the Bay Program Agricultural Workgroup so that this data could be incorporated into the Watershed Model. Now that this is done, using the results of this pilot, the existing historical best management practice data can be cleaned up and improved significantly. The results of this clean-up will be reflected in the 2016 Progress Run and future runs of the Watershed Model as part of the Midpoint Assessment. In addition, now that standards for the use of remote sensing as a tool for the verification of best management practices have been developed and approved so that this technology can be used in the future.

**Chesapeake Bay Agriculture Best Management Practice Special Projects**
Request for proposals for agriculture BMP installation projects by conservation districts using EPA Chesapeake Bay grant funds was released January 24, 2017. Deadline for submittal of applications was February 28, 2017. These funds are targeted to watersheds where agriculture inspections are starting or in priority impaired watersheds identified by the Department or the county conservation district. There is no limit on the amount of funding for any one conservation district, provided they can show they have projects lined up and ready to go. Total funding available is approximately $2.5 to $3.0 million from the EPA Chesapeake Bay Implementation Grant (CBIG). Total number of projects received was 56, totaling over $4.4 million. Announcement of successful projects is planned for June.

**Chesapeake Bay Stormwater BMP Grant Program**
DEP has announced the availability of approximately $2.4 million in grant funding for urban stormwater BMPs in the Chesapeake Bay watershed for communities with municipal separate storm sewer systems (MS4s). The BMPs must be constructed within an urbanized area in one of ten counties: Blair, Cumberland, Dauphin, Franklin, Lackawanna, Lancaster, Lebanon, Luzerne, Lycoming and York. The deadline for submission of grant applications was March 3, 2017, and projects must be completed by March 31, 2019. This is the second round of grant funding for MS4s; the first round of applications were received in 2015 and involved the selection of 19 urban stormwater BMPs, totaling $2.28 million. Funding source for this program is the EPA Chesapeake Bay Implementation Grant (CBIG). Total number of projects received was 40, totaling over $5 million. Announcement of successful projects is planned for early June.

**Conservation Plan Reimbursement Program**
The Department recently released a request for proposals to administer a newly created Conservation Plan Reimbursement Program. The program is one of several items funded as part of the funding strategy announced in the fall of 2016. This program will provide direct reimbursement to farmers for the costs to have manure management or nutrient management plans and/or agricultural erosion and sediment control plans developed for their farms. These plans would ensure compliance with existing state regulations. The two contractors have been selected, one to cover the Northeast and Northcentral regions of the Chesapeake Bay Watershed and the other will cover the Southcentral and Southeast regions of the Chesapeake Bay Watershed. Farmers can be reimbursed between $500 and $1,500 for the cost of one of these plans, depending on the number of acres to be covered by the plan. Announcement that these funds are available for farmers is expected in mid-June.
DATE: June 27, 2017

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 2017.

For the months of May and June 2017, staff and delegated conservation districts have:

1. Odor Management Plans:
   a. 30 OMPs in the review process
   b. 25 OMPs approved
   c. 3 OMP approvals rescinded

2. Reviewed and approved 75 Nutrient Management (NM) Plans in the 1st quarter of 2017.
   a. Those approved NM plans covered 14,144 acres
   b. Those approved NM plans included 44,180 Animal Equivalent Units (AEUs), generating 413,575 tons of manure.

3. Conducted four (4) county conservation district program evaluations.

4. Managing twelve (12) enforcement or compliance actions, currently in various stages of the compliance process.

4. Worked with legal counsel on four (4) separate Environmental Hearing Board cases.

5. Continue to work on the new 5-year delegation agreement and workload analysis for FY17-22.

6. Continue to work on draft technical guidance on how to handle food processing residuals in Act 38 and manure management in general.


9. Started to plan for the 2017 NM/MM Annual Technical Conference and 4 regional NM/MM Administrative Meetings

10. Planned and prepared for a webinar to discuss the new standard animal weights and rollout plan that the SCC approved in May.
DATE: June 28, 2017

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 June 2013, the SCC was briefed that the Nutrient and Odor Management Program staff were starting to perform combined Nutrient and Manure Management Program Evaluations with delegated Conservation Districts during the current 5-year delegation agreement time frame. You will likely recall that manure management activities under Chapter 91 regulations have now been included in the Act 38 delegation agreements.

During these evaluations, SCC and DEP staffs are reviewing the performance of conservation districts under the new 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 1, 2017 and June 30, 2017, a total of eleven (11) conservation districts were evaluated. Each district evaluated was meeting program requirements and had an overall ranking of “good”.

As of this report, all delegated conservation district was evaluated and were meeting program requirements and had an overall ranking of “good” or better. Commission staff will start the next evaluation cycle in one year, after delegated conservation districts have
had an opportunity to operate under the new delegation agreement, which starts July 1, 2017, for a minimum of a year.

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

1. CD appears to have a good working relationship with several cooperating agencies including the SCC, DEP, Penn State Extension, USDA-NRCS, & PA Fish and Boat. These relationships can prove very valuable in implementing the program and identifying any potential CAOs and problem operations (7 of 11).
2. The CD NMS should work on gaining additional technical/field experience and obtain a NRCS job approval rating (5 of 11).
3. The CD NMS needs to continue to work toward final NM certification (1 of 11).
4. The CD needs to establish a routine for VAO status reviews so the CD is meeting its required visits of 1/3 of VAO’s every year on a 3-year rotation (2 of 11).
5. The CD should purge old Act 6 and/or Act 38 NMP that are no longer valid, and should work with DEP to update the current plan count (1 of 11).
6. The CD should consider adopting a NM technical assistance policy (2 of 11).
7. The CD NMS’s should reach out to the SCC staff in a more timely manner when questions or issues arise (1 of 11).
8. Although no coordination meetings on education and outreach with relevant cooperating agencies were conducted by the CD during the evaluation period, the SCC recognizes and appreciates that the CD has traditionally done so, and encourages the CD to return to meeting at least once annually with PSU and NRCS, formally or informally, for the purpose of discussing educational and outreach efforts to their operators (2 of 11).
9. The SCC encourages the CD to enter into a reciprocal agreement with another CD for the purpose of assisting with plan reviews when necessary (such as for plans written by staff for certification purposes) (2 of 11).
10. The DEP (as well as the SCC) acknowledges and appreciates the CD’s thoughts on ways support from state staff can be improved regarding compliance and / or enforcement issues, including more support and / or training on on-going compliance / enforcement situations. In these cases, more one-on-one help would be helpful, especially for newer staff that may not have been involved from the beginning of a compliance / enforcement case (1 of 11).
11. To help staff better understand its Delegation Agreement, the administrative side of the Act 38 Program, and how to help new employees more quickly get up-to-speed with the Act 38 Program, the SCC encourages the CD to become more familiar with the Nutrient Management Administrative Manual, particularly chapters 3, 4, and 6 (3 of 11).
12. The CD has done well at identifying and working with newly found CAOs, as well as, keeping the SCC informed and working well with SCC staff on compliance / enforcement situations (1 of 11).
13. The SCC reminds the CD that their Delegation Agreement obligates them to provide education and outreach opportunities to their Agricultural operators, under both the Act 38 and Chapter 91 Programs. Specific to Chapter 91, the Delegation Agreement obligates conservation districts to facilitate workshops for developing Manure Management Plans (1 of 11).
14. In following up with complaints, the SCC strongly encourages the CD to send formal follow-up-letters to all operators, not just those that are found to be
noncompliant, with a copy of these letters being kept in the district’s files. These letters, especially in those situations where the complaint inspection did not reveal noncompliance, serve to protect the operator should the complaint become a reoccurring event (2 of 11)

15. The CD doing a good job with annual status reviews (5 of 11).
16. The CD should coordinate with DEP for joint status review inspections for CAFOs (2 of 11).
17. The CD doing a good job of program education and outreach (1 of 11).
18. The CD doing a good job of NM Plan file organization and keeping Con-6 notes (3 of 11).

19. Regarding the percentage of time spent on various delegated activities, the SCC acknowledges that the CD has spent a rather significant amount of time on complaint investigations. Although the SCC recognizes that the CD has no control over the amount of complaints, the SCC does ask that they try to utilize their Ag staff in more pro-active duties, such as outreach, education, and technical assistance, and try to get their staff out of handling local township’s complaint investigations. (1 of 11)

20. The SCC and DEP appreciates the CD’s prompt submission of their Quarterly Reports to the Department for both the Act 38 and Chapter 91 Programs (5 of 11).
21. The SCC compliments the CD for including not only the usual NRCS and Penn State Cooperative Extension in on their annual coordination of outreach and education meetings, but also Farm Land Trust and Ag Land Preservation. (1 of 11)
22. The SCC reminds the CD that typically all farms found to be non-compliant are to receive compliance letter 4.A., and then follow-up with revisiting in some manner. (1 of 11)
23. The CD is reminded that only Amended NMPs need run through their BOD for approval. Plan updates need not follow this formal process (2 of 11).
24. The SCC appreciates the CD administering Act 49 testing whenever requested (2 of 11).
25. Recommend adding engineer’s certification for manure storage structure to NM file. (currently kept in NRCS file only) (1 of 11)
26. Recommend removing the complainant information to a separate confidential file, as outlined in the NM admin manual Chapter 3, page 31 (Section C., 6) (1 of 11)
27. The CD has a highly evolved electronic information distribution system through Constant Contact and social media to reach targeted audiences. (ie. Farmers, municipal officials etc.) (2 of 11)
28. In addressing plan review deficiencies, the CD is reminded that unless revisions are very minor, and very few, reviewers need to be sending dated technical review letters, with well written comments to the planner. This is necessary to track the review, as well as, have documentation as to what the CD has asked of the planner and / or operator. This becomes critical should the NMP ever be challenged or appealed, or when multiple review letters become necessary. (1 of 11)
29. Recommend CD develop a NMP tracking system/spreadsheet. (1 of 11).

Below are highlights of conservation district comments (number of times)
1. Please clarify number and types of events by category and by program. (1 of 11)
2. Please consider and increase in NM funding for the base (1/4) grant. (1 of 11)
3. Please supply CD managers with the NM administrative Manual. (1 of 11)
4. Please continue regional training ever quarter. (3 of 11)
5. Please provide a new REAP brochure for distribution. (1 of 11)
6. Offer more BMP implementation training specific to NM program. (1 of 11)
7. Consider adding time spend on reporting activities to delegated activity list. (2 of 11)
8. Provide manure gas monitoring devices (or funding) for CD to lease out to producers when emptying manure storages. (1 of 11)
9. DEP should develop a SOP for compliance in non-Chesapeake Bay counties. (1 of 11)
10. The SCC acknowledges and appreciates the CDs suggestions for making the Act 38 Program less intimidating to farmers by:
   a. Offering financial assistance to help with the cost of writing the NMP;
   b. Having a different plan and / or requirements for “all export” NMPs. The idea shared for these types of operations would be a simplified plan, based on the concept of an IRS 1040 EZ form, or “Short Form”, that may be appropriate when no nutrient balancing is being performed. (1 of 11)
11. The SCC acknowledges and appreciates the CD’s suggestions of ways to improve training by offering:
   a. Administrative training;
   b. compliance policy training; and,
   c. Just being available to answer questions and review letters written by district staff.
   d. More trainings held in the eastern part of the state;
   e. Offer training on how to use PaPlants;
   f. Suggest offering more at Boot Camp, as level I is too basic;
   g. Suggest emailing CDs of upcoming training opportunities.
   h. Providing more NM CEC credits geared towards plan review, admin manual issues, status reviews etc.
   i. Provide training on approving / disapproving manure storage setback waivers.
   j. Canned PowerPoint presentations
   k. Guidance on the kind of efforts the SCC would like to see more of. (5 of 11)
12. CD suggests that it would be helpful if DEP was more readily available for compliance and enforcement issues. (1 of 11)
13. Regarding ways the State could help in outreach efforts, the CD offers that current materials are helpful, but more materials targeting equine could be helpful. The CD has found DEP’s tri-fold fliers and hard cards helpful, as well as, the “Am I in Compliance brochures and equine calendars. (1 of 11)
14. The CD offers the following for ways to state staff can help with the plan review process:
   1. Overhaul the NM Technical Manual;
   2. Create a plan review checklist or reviewer’s guide;
   3. Put page numbers in the NM Technical Manual (beginning to end, as opposed to each chapter). (2 of 11)
15. Regarding ways support from state staff could be improved regarding compliance and /or enforcement, the CD offers that they are very satisfied with the SCC’s
level of support, but DEP needs to be more willing to come out for compliance / enforcement, and let it be known that they are willing to do so. (3 of 11)

16. The CD have expressed that they are experiencing challenges with DEP that are not helpful in administering the Act 38 and Chapter 91 Programs, such as:
   a. The CDs often do not get a response from DEP, or if they do, it is not timely;
   b. The CDs do not feel they get sufficient follow through from DEP;
   c. DEP too often tells the CDs what they need to do with an operator, then only to provide written documentation to the operator either “recommending or suggesting” what he should do, rather than telling him what he is required to do in order to be in compliance. This double talk only leads to confusion and distrust of the Ag community with the CDs, as they then see the CDs as overstepping their authority, even when they are citing legal regulations. (5 of 11)

17. State staff should manage 1 list serve. Currently the CD at times gets 3-4 of the same email. (1 of 11)

18. The Act 38 Program has too much paperwork for operators. (1 of 11)

19. Reimbursements could be made in a more timely fashion (2 of 11).

20. Consider longer terms for approved NM plans (suggested 5 years). (1 of 11)

21. The CD could use more Ag E&S support from DEP. (1 of 11)

22. CD suggests that NMP Spreadsheet training be provided for dealing with issues like double cropping and multiple manure applications. (1 of 11)

23. Regarding DEP’s CAFO Program, and reviewing CAFO NMPs, the CD offers that the time it takes to get plans noticed into the PA Bulletin is a little discouraging, usually 2-3 weeks. (2 of 11)

24. Regarding commercial manure haulers, the CD feel they should be held to a higher standard, and should be spot checked more frequently. Some haulers do not have the maps on hand when spreading. Many haulers spread for farms that do not even have a plan. The CD does not receive NBSs from brokers, and feel that brokers do not manage manure according to program requirements a lot of the time. (2 of 11)

25. There is a strong sense of landowner rights, the NM program seems too intrusive for many agricultural operators. (1 of 11)
DATE:       June 26, 2017
TO:         Members
            State Conservation Commission
FROM:       Karl J. Dymond
            State Conservation Commission
SUBJECT:    July 2017 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 2017 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 26, 2017.

The table below summarizes approved plans grouped by the Nutrient Management Program Coordinator Areas and by calendar year.

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<th>W</th>
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<th>SE</th>
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<td>Totals</td>
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*Note that 2017 YTD is through June 26, 2017

**Note: Approved plan numbers change is due to rescinded or transferred OMPs

As of June 26, 2017, six hundred fifteen OMPs have been submitted, five hundred forty-three have been approved, eight plans have been denied, sixteen plans have been withdrawn without action taken, thirty-nine plans were rescinded, 3 plans were transferred (without amending), and six plans are going through the plan review process. Note: of the 615 total plans, 131 of those plans are amendments of previously approved plans.
### OMP Status Report

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<th>Action</th>
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<th>County</th>
<th>Municipality</th>
<th>Species</th>
<th>AEUs</th>
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<th>Status</th>
<th>Action By</th>
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<td>Exec. Sec.</td>
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</tr>
<tr>
<td>6/20/2017</td>
<td>Deppen, Colton</td>
<td>Juniata</td>
<td>Spruce Hill Twp</td>
<td>Swine</td>
<td>672.7</td>
<td>54.0</td>
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<td>Action</td>
<td>OMP Name</td>
<td>County</td>
<td>Municipality</td>
<td>Species</td>
<td>AEUs</td>
<td>OSI Score</td>
<td>Status</td>
<td>Action By</td>
<td>Amend</td>
</tr>
<tr>
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</tr>
<tr>
<td>6/20/2017</td>
<td>Haines, Holly/ Cron, John</td>
<td>Huntingdon</td>
<td>Dublin Twp</td>
<td>Cattle</td>
<td>0</td>
<td>42.4</td>
<td>Rescinded PI</td>
<td>Exec. Sec.</td>
<td></td>
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<tr>
<td>6/20/2017</td>
<td>JT Poultry LLC</td>
<td>Dauphin</td>
<td>Mifflin Twp</td>
<td>Layers</td>
<td>630.0</td>
<td>34.1</td>
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<td>Exec. Sec.</td>
<td></td>
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<tr>
<td>6/20/2017</td>
<td>Remley, Drew – Home Farm</td>
<td>Tioga</td>
<td>Liberty Twp</td>
<td>Multi</td>
<td>1248.95</td>
<td>41.4</td>
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<td>Exec. Sec.</td>
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<tr>
<td>6/20/2017</td>
<td>Francis, Jonathan &amp; Reitz, Andy – R&amp;F Fa</td>
<td>Northumberland</td>
<td>Shamokin Twp</td>
<td>Swine</td>
<td>1426.84</td>
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<tr>
<td>6/20/2017</td>
<td>Dotterer, Paul &amp; Sons, Inc – Home Farm</td>
<td>Clinton</td>
<td>Porter Twp</td>
<td>Cattle</td>
<td>252.0</td>
<td>68.4</td>
<td>Approved</td>
<td>Exec. Sec.</td>
<td>B</td>
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</table>

**VAO**

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<thead>
<tr>
<th>Action</th>
<th>OMP Name</th>
<th>County</th>
<th>Municipality</th>
<th>Species</th>
<th>AEUs</th>
<th>OSI Score</th>
<th>Status</th>
<th>Action By</th>
<th>Amend</th>
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</thead>
<tbody>
<tr>
<td>6/20/2017</td>
<td>Steiner, Lynford</td>
<td>Lebanon</td>
<td>Bethel Twp</td>
<td>Layers</td>
<td>105.0</td>
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<td>Rescinded PI</td>
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<tr>
<td>6/20/2017</td>
<td>Zimmerman, Curt</td>
<td>Lebanon</td>
<td>Jackson &amp; Heidelberg</td>
<td>Broilers</td>
<td>114.37</td>
<td>47.25</td>
<td>Rescinded PI</td>
<td>Exec. Sec.</td>
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Written Report

Date: 6/28/2017

RE: Dirt, Gravel, and Low Volume Roads Program (DGLVRP) Update

**QAQC Visits** – Since May 2017 staff has completed 1 Quality Assurance/Quality Control (QAQC) visit. There are 7 QAQC’s remaining to complete the 2nd round. These additional 7 QAQC’s are scheduled with the last one scheduled for the first week of September. Staff is on pace to complete all the QAQC’s in the 3-year time frame.

**Annual Workshop** – Planning is underway for the annual workshop in Sayre Pa, on September 26, 27, 28. The workshop will consist of a mix of day of classroom trainings and of field tours of actual projects completed in Bradford County. A special “township day” is planned to take elected local officials and road masters on a tour of projects in the county. This will qualify attendees who hold current ESM certifications to be recertified.

**Environmentally Sensitive Maintenance training (ESM)**

<table>
<thead>
<tr>
<th></th>
<th>Date(s)</th>
<th>Location</th>
<th>Total Registered</th>
<th>Total Certified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greene county</td>
<td>May 23 &amp; 24, 2017</td>
<td>Waynesburg, PA</td>
<td>61</td>
<td>51</td>
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<tr>
<td>Elk/Cameron</td>
<td>March 22 &amp; 23</td>
<td>Benezette, PA</td>
<td>60</td>
<td>59</td>
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<tr>
<td>Indiana</td>
<td>April 5 &amp; 6</td>
<td>Indiana, PA</td>
<td>126</td>
<td>107</td>
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<tr>
<td>Bradford</td>
<td>April 19 &amp; 20</td>
<td>Sayre, PA</td>
<td>70</td>
<td>61</td>
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<tr>
<td>Tioga</td>
<td>May 2 &amp; 3</td>
<td>Wellsboro, PA</td>
<td>59</td>
<td>57</td>
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<tr>
<td>Crawford</td>
<td>May 24th &amp; 25th</td>
<td>VFW, Port Allegheny, PA</td>
<td>68</td>
<td>61</td>
</tr>
<tr>
<td>Snyder</td>
<td>June 7 &amp; 8</td>
<td>Selinsgrove, PA</td>
<td>38</td>
<td>36</td>
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<tr>
<td>Huntingdon</td>
<td>June 20 &amp; 21</td>
<td>Huntingdon, PA</td>
<td>51</td>
<td>51</td>
</tr>
<tr>
<td>Dauphin</td>
<td>July 12th &amp; 13th</td>
<td>Grantville, PA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pike</td>
<td>October 11 &amp; 12</td>
<td>Lords Valley, PA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Centre</td>
<td>November 8 &amp; 9</td>
<td>State College, PA</td>
<td></td>
<td></td>
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</table>
## Other DGLVR activities since January, 2017

<table>
<thead>
<tr>
<th>Activity</th>
<th>Location</th>
<th>Attendance</th>
<th>Date</th>
<th>YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Other Trainings</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Webinars (7)</td>
<td></td>
<td>40</td>
<td>5/10</td>
<td>7</td>
</tr>
<tr>
<td>Conference calls (6)</td>
<td></td>
<td></td>
<td>5/11</td>
<td>6</td>
</tr>
<tr>
<td>New hire “Boot Camp”</td>
<td></td>
<td></td>
<td>5/11</td>
<td>1</td>
</tr>
<tr>
<td>Project sharing (4)</td>
<td></td>
<td></td>
<td>6/6</td>
<td>4</td>
</tr>
<tr>
<td>DGLVR Symposium (40)</td>
<td></td>
<td></td>
<td>6/27-28</td>
<td>40</td>
</tr>
<tr>
<td><strong>QAQC visits</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 complete</td>
<td></td>
<td></td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>8 scheduled</td>
<td></td>
<td></td>
<td></td>
<td>8</td>
</tr>
<tr>
<td><strong>Tech assists</strong></td>
<td></td>
<td></td>
<td></td>
<td>24</td>
</tr>
<tr>
<td>Conservation Districts (50+)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Quarry Visits</strong></td>
<td></td>
<td></td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>Quarries statewide</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Workgroups</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Policy and Planning</td>
<td></td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Product and Process</td>
<td></td>
<td></td>
<td>1 (call in)</td>
<td></td>
</tr>
<tr>
<td><strong>Workgroups, cont.</strong></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>1 on 1 visits with center staff/county staff (16)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SCC approved revised administrative manual</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Karl Brown accepted a citation from Senator Corman on behalf of CDGRS and SCC</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016 Annual Summary Report completed and sent out to District staff.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bankfull/Stream Crossing Trainings and NAACC Culvert Assessment Training</td>
<td></td>
<td>14</td>
<td>5/10</td>
<td>Bankfull/Stream Crossing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12</td>
<td>5/11</td>
<td>Bankfull/Stream Crossing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>11</td>
<td>6/6</td>
<td>Bankfull/Stream Crossing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>17</td>
<td>6/27-28</td>
<td>NAACC Culvert Assessment</td>
</tr>
</tbody>
</table>
DATE: June 30, 2017  
TO: State Conservation Commission  
FROM: Johan E. Berger  
Financial, Certification and Conservation District Programs  
SUBJ: 2017 “To date” Program Accomplishments  
Resource Protection and Enhancement Program (REAP)

**REAP Program Summary**

The Resource Enhancement and Protection (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 $150,000 per agricultural operation.

**Program Accomplishments**

The FY2016 REAP application period opened August 2016 with an annual tax credit allocation of $10 million. Below is a summary of the FY2016 round of REAP applications (1), and a summary of REAP activities from January 1, 2017 to June 30, 2017 (2). Approximately thirty (30) applications received, representing approximately $1.2 million, could not be considered under the FY2016-17 allocation of $10.0 million. These applications will be held for consideration in the FY2017-18 round of applications for REAP.

**1. FY 2016**

<table>
<thead>
<tr>
<th>Applications</th>
<th>Total Cost</th>
<th>Other Public Funds</th>
<th>REAP Requests</th>
<th>Credits Granted</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY2016</td>
<td>$24.9 million</td>
<td>$4.8 million</td>
<td>$11.2 million</td>
<td>$6.04 million</td>
</tr>
</tbody>
</table>

**a) REAP Request – project types**

<table>
<thead>
<tr>
<th>FY2015</th>
<th>FY2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Proposed</td>
<td>$3.02 million</td>
</tr>
<tr>
<td>2) Completed Projects</td>
<td>$7.63 million</td>
</tr>
<tr>
<td>b) No-Till Equipment</td>
<td>$5.1 million</td>
</tr>
<tr>
<td>c) Structural BMPs</td>
<td>$4.3 million</td>
</tr>
<tr>
<td>d) Plans (Ag E&amp;S, Conservation, Manure Management, Nutr. Mgmt.)</td>
<td>$162,500</td>
</tr>
<tr>
<td>e) Low Disturbance Residue Management Equipment</td>
<td>$660,000</td>
</tr>
<tr>
<td>f) Precision Ag Equipment</td>
<td>$206,000</td>
</tr>
</tbody>
</table>

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Agenda Item C.1.e
(2.) **January 01, 2017 – June 30, 2017**

1. Tax Credits issued to applicants for completed projects .................................................. $3.9 million
2. Number of BMPs completed associated with issued tax credits........................................... 183
3. Number of tax credit ‘sales’ completed.................................................................................. 131 sale transactions
4. Total tax credits processed through ‘sales’ .............................................................................. $5.75 million
5. Number of site inspections conducted on completed projects .............................................. 41
6. Educational and promotional activities included one press release
DATE: June 30, 2017
TO: State Conservation Commission
FROM: Johan E. Berger
Financial, Certification and Conservation District Programs
SUBJ: 2017 “To-date” Program Accomplishments: Nutrient and Odor Management Specialist; Commercial Manure Hauler & Broker Certification programs

Certification Program Summary
State Conservation Commission staff facilitate training and certification programs for persons interested in ‘commercial’ or ‘public’ certification in order to develop or review odor management or nutrient management plans under the Act 38 Facility Odor Management or Nutrient Management programs. Training is also facilitated for commercial manure haulers and brokers seeking certification under the Act 49 Commercial Manure Hauler and Broker Certification program.

Program Accomplishments (January 1, 2017 to June 30, 2017)

1. The Winter/Spring certification cycle for the Nutrient Management Specialist (NMS) and Odor Management Specialist (OMS) certification programs began in March 2017. Twenty-nine (29) individuals completed their NMS certification coursework and four (4) individuals completed their OMS certification requirements in this cycle. The spring certification cycle for the Commercial Manure Hauler and Broker certification program began in March 2017, as well. Twenty-one (21) commercial haulers/brokers competed their coursework and received certification.

2. Completed eighteen (18) reviews of nutrient management plan reviews for certification requirements. Note: This is an internal review conducted on NMPs under review by public review specialists seeking final certification.

3. Issued the following licenses to individuals who successfully completed certification and/or continuing education requirements for license renewals:
   a. Nutrient Management and Odor Management Specialists: ...............................50
   b. Commercial Manure Haulers and Brokers: ......................................................181

Total licenses monitored and maintained by Commission staff on behalf of PDA:
   a. Nutrient Management Specialists..............................283
   b. Commercial Manure Haulers and Brokers ...............756
   c. Odor Management Specialists ...............................38
4. Approved credits for eligible continuing education programs scheduled up to June 30, 2017:
   a. Nutrient Management Specialist certification: ........................................... 9 events
   b. Commercial Manure Hauler and Broker certification: ................................. 9 events

   *Note: Most of these events occurred during the months of February and March 2017*

5. Program staff performed seven (7) site inspections regarding record keeping requirements under the Commercial Manure Hauler and Broker Certification Program.

6. Two (2) compliance investigation under the Commercial Manure Hauler and Broker Certification program remain open pending completion of information collection and assessment.

7. One (1) compliance investigation under the Nutrient Management Specialist and Odor Management Specialist certification program remains open pending completion of information collection and assessment.
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

Activities: May - June 2017

- Administer Blair County's NACD-Urban Ag Grant.
  - Meetings with various partners to coordinate urban ag outreach efforts
  - Develop a Blair County Urban Ag network
  - Held educational events
    - STEM educational outreach on agriculture to:
      - Healthy Blair County Community
      - Blair County’s Child Advocacy Group
      - Bellwood-Antis High School
      - Tyrone-Snyder Library
    - Urban Ag outreach activity with Sheetz Corp. – June 15
    - Indoor Farming Workshop - providing education on hydroponic, aquaponics, and micro-green growing methods – June 12
    - Meeting with Western PA Conservatory to highlight the multi-functional buffer proposed at the BCCD site. – June 26
      - Organizing a stormwater/urban ag bus tour to Pittsburgh, PA – June 28

- Collaborating with the Center for Dairy Excellence (CDE) and Center for Beef Excellence (CBE) to do farmer workshops for manure management and ag e/s plan development. The intent is to train producers on PA One Stop and assist with developing their Ag E/S plan.
  - Coordinated with PSU's PA One Stop staff and Blair County Conservation to set dates, venues, and promotional activities for the workshops.

- Developing a fly identification card for manure haulers, brokers, exporters, and importers – the goal is to have transported manure inspected for fly larvae to help reduce fly outbreaks in receiving counties.

- Organizing a regional-wide pasture walk – the goal is to educate grazing farmers about manure management and ACA management.

- Administering Blair County’s NFWF Grant
  - Continuing to coordinate with two engineering firms and two municipalities to complete design work for the two green infrastructure practices that are being installed.
Meetings/Trainings/Events

- Conducted PA-One Stop and Ag E/S Training
  - Blair Co – June 7 and 21
- Lycoming Co “Fly” meetings
  - May 2
  - June 12
  - June 26
- Southern Allegheny Planning and Development meeting May 25
  - Assist with informing farmers in the Southern Allegheny about their new commercial kitchen. The new kitchen is available to rent for producing value added products.
- PA Phase III Watershed Improvement Plan Listening Session – June 5
- DCNR PennVEST funding for Riparian Forest Buffers – June 20

Conflict Issues/Municipal Assistance –

- Lycoming County- fly complaint – continuing to follow up with Dr Martin and farmers
- Bedford County- Fly complaint – on going
- Cambria County- Manure complaint and issue with Ag. Security Area review in the Township
  - Follow up with PA Dept. of Ag and Cambria CD
- Butler County – Fly complaint – on going

Reports & Grant Applications

--Prepared and submitted NACD-Urban Ag grant quarterly report
--For CDE/CBE – report and reimbursement request for workshop coordination and expenses.
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

Activities: Since mid-May 2017, I have taken part or assisted in a number of events, including the following:

- Received 10 fly complaints
- Did 5 fly complaint site visits; 4 of which were with Dr. Gregory Martin from PSU Extension
- Working on a statewide publication regarding ag compliance action efforts for farmers
- Working on a statewide publication regarding ag compliance action efforts for Manure Haulers/Brokers
- Finalizing the creation of a new publication for fly minimization techniques when hauling/spreading manure
- Reviewed and commented on 4 NFWF Chesa Bay Stewardship Fund grant proposals
- Volunteered at Family Farm Days at Oregon Dairy
- Attended “Farming for Success” conference at PSU Landisville Research Farm
- Planning/coordinating Ag Week 2017 for Lancaster County
- Planning a weekend-long Farm Show “homestand” at Clipper Stadium through Lanc Co Ag Council
- Working with contractor to create Google spreadsheet as an option for farmers keep manure application records
- Attended an “Animal Mass Evacuation planning document” meeting
- Serve as Chair of the South Central Task Force Agriculture Subcommittee
- Attended and assisted at Lancaster Co. Agriculture Council meetings

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

none currently

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

Lancaster Co—on-going moderating between 2 farmers and a residential neighbor about a Right-Of-Way issues
Chester Co—attended meetings with residents and mushroom growers related to mushroom phorid flies

Research and Education Activities:

None currently

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

Franklin Co—multiple, ongoing complaints about same location
York Co—long-term follow-up required
Snyder Co—new complaint
Montour Co—darkling beetle outbreak
Schuylkill Co—flies and gnats
Lancaster Co—3 separate fly complaint