

State Conservation Commission Meeting

September 11, 2018

PA Department of Agriculture, Harrisburg PA

'Draft' Agenda

Business Session – 1:00pm Rm 309

A. Opportunity for Public Comment

B. Business and Information Items

1. Approval of Minutes
 - a. July 18, 2018 (A)
 - b. August 21, 2018 (A)
2. Nutrient & Odor Management Program
 - a. Aaron Smucker (CAO), Nutrient Management Plan, Northumberland County - Michael Walker, SCC (A)
3. Conservation District Funding
 - a. Funding Allocation for the Ombudsman Program – Blair and Lancaster Counties – Johan E. Berger, SCC (A)
 - b. Statewide Conservation District Funding Report and Discussion - Fred Fiscus/Karen Books, DEP; Karl Brown, SCC (NA)
 - c. Forest County Conservation District Request for Reserve Account – Johan Berger, SCC (A)
4. Proposal for Strategic Planning/SWOT – Karl Brown, SCC
5. Spotted Lanternfly Education and Control Program Grant – Johan Berger, SCC
6. Chesapeake Bay Program WIP Update - DEP

C. Written Reports

1. Program Reports
 - a. Act 38 Nutrient and Odor Management Program Report
 - b. Act 38 Facility Odor Management Program & Status Report on Plan Reviews
2. Ombudsman Program Reports – Southern Allegheny Region (Blair County Conservation District) and Lancaster County Conservation District

D. Cooperating Agency Reports

Adjournment

Next Public Meetings October 9, 2018 Conference Call

November 13, 2018 Public Meeting

DRAFT

STATE CONSERVATION COMMISSION
MEETING

DoubleTree Resort by Hilton, Lancaster, PA

Wednesday, July 18, 2018 9:00 a.m.

Draft Minutes

Members Present: Deputy Secretary Greg Hostetter for Secretary Russell Redding, PDA; Secretary Patrick McDonnell, DEP; Michael Flinchbaugh; Donald Koontz; Ross Orner; MaryAnn Warren; Chris Houser for Dr. Richard Roush, Penn State; Denise Coleman, NRCS; Secretary Cindy Adams Dunn, DCNR; Adam Walters for Denise Brinley, DCED, Chuck Duritsa, PACD.

A. Public Input

There were no public comments presented.

B. Business and Information Items

1. Approval of Minutes

a. Approval of Minutes – May 8, 2018 – Public Meeting

Mike Flinchbaugh moved to approve the May 8, 2018 public meeting minutes. Motion seconded by Don Koontz. Motion carried.

b. Approval of Minutes – June 12, 2018 – Conference Call. It was noted that there was a mistake in the Agency Report section...Drew Gilchrist is not a DEP Regional Advisor. He represents DCNR.

Upon correction of the June 12, 2018 minutes, MaryAnn Warren moved to approve the June 12, 2018 minutes. Motion seconded by Mike Flinchbaugh. Motion carried.

2. Nutrient and Odor Management Program

a. 2018 Appointments to the Nutrient Management Advisory Board. Larry Baum, SCC, reported that the Nutrient Management Advisory Board is established by the Nutrient Management Act to advise the Commission on matters related to the Nutrient Management Program. Members of the advisory board must be appointed by the Commission chairperson and confirmed by a 2/3 vote of the Commission. Currently, there is a vacancy on the board for a livestock (beef) producer. Mr. Ed Livingston, a beef producer from Dover, York County, was nominated to fill this position by the Pennsylvania Farm Bureau and has been appointed by the Commission chairperson to this position. Mr. Livingston's appointment must be confirmed by the Commission to finalize this appointment.

Don Koontz made a motion to confirm the appointment of Mr. Ed Livingston as a livestock (beef) producer to serve on the Nutrient Management Advisory Board. Motion seconded by Ross Orner. Motion carried.

- b. Curvin Martin Nutrient Management Plan, Northumberland County. Michael Walker, SCC, reported that the Curvin Martin Farm is a duck finishing operation near Pillow, Northumberland County. The operation finishes 37,600 ducks annually in two existing barns. With approximately 23 acres of available cropland, the total animal equivalents units (AEUs) is 94.4, making this a concentrated animal operation (CAO) under the Nutrient Management Act. This plan is coming before the Commission for approval, because the Northumberland County Conservation District does not have a Nutrient Management Program Delegation Agreement with the Commission. Staff has reviewed this plan and found it to meet the requirements of the Pennsylvania Nutrient and Odor Management Act and Regulations. Staff recommends the approval of this plan.

Mike Flinchbaugh made a motion to approve the Curvin Martin Farm Nutrient Management Plan. Motion seconded by Ross Orner. Motion carried.

3. Building for Tomorrow Leadership Development Program.

- a. Introduction of the Leadership Development Program Coordinator, Matthew Miller, PACD. Johan Berger, SCC, reported that in late 2017, the Commission accepted a proposal from PACD to hire and house a full-time leadership development coordinator for the Pennsylvania Conservation Partnership Leadership Development Program (Building for Tomorrow). This position is fully funded by the Commission through the Conservation District Fund, and the position is fully dedicated to carry out leadership development activities on behalf of the Partnership. In June 2018, Mr. Matt Miller was hired by PACD to fill this position. Mr. Miller was introduced to the Commission at the July 18, 2018 meeting. Matt mentioned that he is currently planning the District Management Summit event, which will occur in September 2018.

Action: No action required.

- b. Proposed FY 2018-19 Leadership Development Program Budget. Johan Berger, SCC, reported that the Leadership Development Program was established more than 30 years ago to help provide training to conservation directors and staff. This partnership effort is supported by SCC, DEP, PDA, Penn State, NRCS, and PACD, and is directed by the Leadership Development Committee. This committee recently met to set priorities and to plan training activities for FY 2018-19. A proposed budget of \$175,000 was developed by the Committee that includes funding for program initiatives and the coordinator:

- Full-Time Leadership Development Coordinator and Committee Initiatives (\$103,500) – The Committee recognized the necessity to devote resources for a Leadership Development Program Coordinator to assist the Committee and to facilitate program initiatives.
- District Management Summit and Staff Training Conference (\$14,000) – these annual meetings allow district management staff to receive leadership training, exchange expertise and experiences on managing district activities, and examine common issues and provide technical staff opportunities to address their interpersonal and leadership knowledge and skills associated with working and relating to the community they serve.
- Strategic Planning Grants (\$5,000): this project reimburses districts for up to \$1,000 in approved expenses associated with a completed a strategic

plan.

- Director Training and Support (\$10,000): This project will continue the development of several initiatives that include an update to the Director's Handbook and a one-day, statewide Train-the-Trainer session for DEP Field Representatives and District Managers to focus on director orientation materials and methods.
- Management Training Initiative (\$20,000): this project will continue to implement a manager orientation program ('Manager Boot Camp') and the development of a Manager's Handbook.
- Regional Trainings for District Chairmen and Treasurers (\$20,000): this project would continue to conduct regional, statewide trainings to address a Board Chairman's responsibilities in running a public board meeting and the responsibilities of a Treasurer or accounts supervisor in the fiscal management and oversight of the conservation district's finances.
- District Transition Support (\$2,500): As a district transitions from a "county employment" affiliation to "independent employment" status, they may require assistance in developing a conservation district engaging other conservation district staff, directors, and other experts who have already been through a transition or that have expertise in areas that are important for the transition process.

MaryAnn Warren made a motion to approve the proposed FY 2018-19 Leadership Development Program Budget. Motion seconded by Don Koontz. Motion carried.

- c. Appointment of Leadership Development Committee – Conservation District Staff and Conservation District Director. Johan Berger, SCC, reported that the Leadership Development Committee currently has three vacancies. These positions include: a Conservation District Field Representative (CDFR), a Conservation District Manager, and a representative of Penn State Cooperative Extension. The Committee and staff are recommending the appointment of John Green (CDFR), (as designated by Secretary Patrick McDonnell, DEP), Joanne McCready (District Manager, Lawrence County), and Mr. Chris Houser (as designated by the Director of Cooperative Extension) for these positions. The Committee is also recommending the appointment of an additional district staff and an additional district director; however, staff is not prepared to recommend names for these two positions at this time.

Mike Flinchbaugh made a motion to appoint John Green, Joanne McCready, and Chris Houser to the Leadership Development Committee. Motion seconded by Ross Orner. Chris Houser abstained from voting. Motion carried.

4. Conservation District Fund and Unconventional Gas Well Fund FY 2018-19 CDFAP 'Proposed' Allocation Concepts. Karl Brown, SCC, reported that each year, the Commission makes allocations to conservation districts under the Conservation District Fund Allocation Program (CDFAP). Funding for these allocations is provided from DEP's CD line item appropriation (\$2,506,000), PDA's CD line item appropriation (\$896,000), and the Unconventional Gas Fund transfer (\$3,875,000) to the Conservation District Fund, which totals \$7,250,000 for FY 2018-19. Staff has developed three concepts for the Commission's consideration. The first concept allocates 2018-19 funds

consistent with FY 2017-18 allocations. The second concept increases E&S Technician funding to be equal with ACT Technicians, and allocates funds to counties with unconventional gas wells based on a 5-year average of well counts. The third concept increases E&S Technician funding to be equal with ACT Technician funding, and allocates funds to counties with unconventional gas wells based on a 15-year well count average. Concept 3 was based on a recommendation from the Lycoming Conservation District. While all options are feasible and have merit, staff's recommendation is to adopt Concept 2 for FY 2018-19 CDFAP Allocations.

Mike Flinchbaugh made a motion to approve Concept 2 for FY 2018-19 CDFAP Allocations. Motion seconded by Ron Kopp. Motion carried.

5. Non-Point Source Compliance Update – Ag Inspections and Practice Keeper. Jill Whitcomb, DEP, reported that DEP and participating Chesapeake Bay Watershed conservation districts are in their second year of Chesapeake Bay Watershed Agricultural Inspection activities. DEP has worked with participating districts over the last two years to define and refine the agricultural inspection program, and to provide tools and resources to carry out these program duties. A revised standard operating procedure was distributed to Chesapeake Bay Program districts in July 2018. DEP is currently developing an Ag E&S Technical Guide for ag procedures and conservation districts. The following are proposed trainings for conservation districts:

- Fall 2018 – Construction Stormwater Permitting and Plan Review (Permits Division)
- Spring 2019 – Construction Stormwater Compliance and Enforcement
- Summer 2019 – Municipal Separate Storm Sewer Systems (MS4) Compliance and Enforcement for Regional Clean Water Staff

Action Requested: No action requested.

6. Pennsylvania Envirothon Update. Karen Books, DEP, reported that Carmichaels Area High School, Greene County, won the Pennsylvania State Envirothon Competition, which was held on May 22 and 23, 2018 at Susquehanna University. Each student on the first-place team was awarded \$1,250.00. The National Conservation Foundation (NCF) Envirothon international competition will be held from July 22-28, 2018 at Idaho State University in Pocatello, Idaho. The 2019 Pennsylvania Envirothon will be held on May 21 and 22, 2019 at the University of Pittsburgh Johnstown.

Action Requested: No action requested.

7. Chesapeake Bay Program WIP 3 Update. Secretary McDonnell, DEP, reported that DEP, in cooperation with a broad array of partners, continues to develop plans for the Chesapeake Bay Watershed WIP 3. Pennsylvania's WIP 3 Plan is due to EPA in early 2019. DEP is currently piloting the development of county-based WIPs in four lower Susquehanna River Counties (Lancaster, York, Adams, and Franklin). This plan is referred to as a tool kit. Conservation district involvement in these county-based WIP 3 plans is critical to the success of these pilots. Secretary McDonnell also mentioned the Principal Staff Committee Meeting for the Bay Program. Thirty-four million pounds of nitrogen have to be reduced in the watershed between now and 2035. There is also this question: If we get to 90% compliance, what does that look like? What is reasonable,

and what are the gaps? It was also recommended that planners need to continue thinking about Practice Keeper. How can data be better-leveraged by using the tools that are available?

Action Requested: No action requested.

8. e-Permitting, Chapter 105 General Permits. Ken Murin, DEP, reported that in an effort to streamline and speed-up various DEP permit review and approval processes, the Department is implementing an “e-Permitting” initiative. This process has been successfully piloted with permits related to oil and gas development and is now being expanded into other DEP permitting programs. The following points describe e-Permitting benefits:

- For Chapter 105 General Permits
- Will eliminate incomplete and insufficient application submissions
- Data is tracked in quarterly reports
- Creates an E-facts database tracking system
- Allow for transparency of applications from the public side of view

The estimated go-live date for e-Permitting is September 19, 2018.

Action Requested: No action requested.

9. Spotted Lanternfly Education and Control Activities Update. Deputy Secretary Greg Hostetter, PDA, reported that the Spotted Lanternfly is an invasive planthopper that was discovered in Berks County, Pennsylvania several years ago. It is native to China, India, Vietnam, and was introduced to Korea, where it has become a major pest. This insect has the potential to greatly impact the grape, hops, and logging industries. Early detection is vital for the protection of Pennsylvania businesses and agriculture. PDA has expanded the quarantine zone to include part of 13 South Central PA counties and is looking to partner with Conservation Districts to help provide control measures in the quarantine zone. There is a Spotted Lanternfly online training and test that allows you to obtain a Spotted Lanternfly Permit Holder orange tag for your vehicle. The risk of this invasive pest is that it is jeopardizing trade with other countries. Government funding has become available for the counties in the quarantine zones.

Action Requested: No action requested.

C. Written Reports – Self Explanatory

1. Program Reports

- a. Act 38 Nutrient and Odor Management Program Reports
- b. Certification and Education Program Accomplishment Report
- c. Act 38 Facility Odor Management Program & Status Report on Plan Reviews
- d. REAP Accomplishment Report

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

D. Cooperating Agency Reports – DCNR, PACD, NRCS, PSU, DCED, DEP, and PDA

DCNR – Secretary Cindy Adams Dunn mentioned the budget and said there were \$22 million deposited to the rainy day fund. She mentioned the PA Conservation Corps (PCC), which is a statewide program that offers work experience and job training to young people (ages 18-25) who complete conservation, recreation and historical preservation projects on the state’s public lands. The PA Outdoor Corps engages youth in conservation and will be continued with funding. Crews are currently doing training and hands-on work in the field. There are Spotted Lanternfly forest pest management units that are developing parasites to combat this pest. DCNR is opening a state-wide grant round for forest riparian buffers, beginning August 3, 2018.

PACD – Chuck Duritsa reported that PACD has applied for Growing Greener and the CREP cost-share program. Matt Miller is working to organize the Management Summit in September.

NRCS – Denise Coleman reported that the House and Senate have passed their own separate versions of the Farm Bill. A highlight for NRCS is the Conservation Stewardship Program - soil health and soil quality are being studied. The fiscal year closing is currently occurring. The hiring freeze was lifted for NRCS, and they are now looking to get back 15% of the positions that were lost. There will be a Train the Trainer soil event on July 18, 2018.

PSU – Chris Houser reported that Dennis Calvin will now be working with the Spotted Lanternfly program. Jeff Hyde will be taking Dennis’s former position. PA One Stop will be looking for and hiring someone to lead this program. Two new agronomic educators were hired to teach and focus on nutrient management. Penn State Extension has been working with the PDA on a Spotted Lanternfly permitting course to be available by Ag Progress Days in mid-August 2018, managing a Spotted Lanternfly call center.

DCED – Adam Walters reported that DCED and Team PA are moving towards the finalization of a project to see what Pennsylvania’s energy future would look like—this is called PA Energy Horizons. This is being used as a critical thinking tool. PA Energy Horizons will present this project at a future SCC meeting.

DEP – Secretary Patrick McDonnell reported that the final State budget ended up being similar to what Governor Wolf proposed. DEP will be able to fill some positions due to an increase in the General Fund. The Secretary also suggested that the Commission should be engaging in strategic planning.

PDA – Deputy Secretary Greg Hostetter reported that Agriculture is pleased with the final State budget. There was a 3% increase for universities, including University of Pennsylvania and Penn State University. Dairy funding was added to this year’s budget. Team PA, in conjunction with PDA, is doing an economic impact study. Deputy Secretary Hostetter also reported that there are 110 county fairs this year.

Adjournment: Meeting adjourned at 11:24 a.m.

Next Public Meeting: August 21, 2018 – Conference Call

September 11, 2018 – Pennsylvania Department of Agriculture
Harrisburg, PA, Room 309

STATE CONSERVATION COMMISSION CONFERENCE CALL
PA Department of Agriculture, Room 405
Tuesday, August 11, 2018 @ 8:30 am

DRAFT MINUTES

Members Present: Secretary Russell Redding, PDA; Fred Fiscus for Secretary Patrick McDonnell, DEP; Drew Gilchrist for Secretary Cindy Adams-Dunn, DCNR; Chris Houser for Dr. Richard Roush, Penn State; Adam Walters for Denise Brinley, DCED; Ross Orner; MaryAnn Warren; Ron Kopp; Ron Rohall; Donald Koontz; Denise Coleman, NRCS; and Brenda Shambaugh, PACD.

B. Agency/Organization Updates

1. DCNR – Drew Gilchrist

Drew reported that DCNR is pleased to announce that the Fall Multifunctional Riparian Buffer Grant is open until September 28, 2018. The grant is supported by a \$1 million grant from PennVest and is only for multifunctional buffers.

2. NRCS – Denise Coleman

Denise reported that on August 10, 2018, NRCS released a new Chesapeake Bay Watershed Action Plan. This plan outlines how NRCS will help farmers, forest landowners and partners improve water quality, boost soil health, and enhance fish and wildlife habitat in the Chesapeake Bay Watershed. NRCS has a cooperative agreement with conservation districts. This is a 100% cost share of certified planners for five years. Interested conservation districts should contact Denise Coleman by September 1, 2018.

3. PACD – Brenda Shambaugh

Brenda reported that PACD is working with DEP on e-Permitting. Tim Schaeffer and Brenda are meeting with some of the conservation districts to discuss 105 e-Permitting. PACD is also developing a marketing plan, which will include a toolbox for directors and staff across Pennsylvania by January 1, 2019. PACD will be moving their offices to the Linglestown area by mid-November.

4. Pennsylvania Department of Agriculture – Secretary Redding

Secretary Redding reported that the Spotted Lanternfly is within 13 counties in Pennsylvania. Grant applications are being accepted for identification and suppression of Spotted Lanternfly. A Dairy Development Plan will be released at

Ag Progress Days. This will include short and long-term recommendations for developing the dairy industry. Five million dollars in appropriations have been received to support the plan. Deputy Secretary Greg Hostetter will be attending conservation district meetings. He is also doing farm tours. A goal is to have more legislators visit farms. Karl Brown attended a hearing regarding Senate Bill 799, which includes provisions for Growing Greener 3. PDA supports the concepts, but amendments need to be made. Secretary Redding mentioned that testimony from this hearing should be circulated to SCC members. Karl reported that grant information regarding Spotted Lanternfly was sent to conservation districts in the 13 quarantined areas. There will be a conference call on August 27, 2018 with conservation districts regarding this matter.

5. Penn State – Chris Houser

Chris reported that PA One Stop is seeking a new director. This job search will be open until September 1, 2018. Chris mentioned that Ag Progress Days at Penn State was successful again this year, and he thanks everyone for their support. A permitting course for Spotted Lanternfly was unveiled during Ag Progress Days. All are encouraged to take this course.

6. DEP – Fred Fiscus

Fred Fiscus reported on district funding for the past fiscal year for district programs. \$70.5 million in State Program funds were received (\$1 million per district). Staff cost share was \$35.8 million and pass-through money was \$34.7 million.

C. Information and Discussion Items

1. **Conservation District Director 2019 Nomination Process- Karl Brown**

Commission staff recently mailed a letter and information packet to county chief clerks to begin the 2019 conservation district director nomination process. Information included a current listing of active conservation district directors for each respective county. Copies of the information were also provided to conservation district managers and to DEP Conservation District Field Representatives. Nominations are due to the Commission office by December 1, 2018. Commission staff, in cooperation with Conservation District Field Representatives review these nominations to ensure they are made consistent with Commission policies and procedures.

2. **Leadership Development Committee Update – Johan Berger/Matt Miller**

The PA Partnership's Leadership Development Committee met with the partnership's new Leadership Development Program Coordinator, Matthew Miller, on June 21, 2018. The Committee developed its program objectives and budget for the 2018-19

program year, which were subsequently approved by the Commission at its July 18, 2018 public meeting. Matt has been actively working with DEP and Commission program staff on development of the District Management Summit program, which is scheduled for September 5 & 6, 2018 in State College, PA. Information on Strategic Planning grants will be distributed to conservation districts in the next few weeks. The grants provide funding to conservation districts for costs incurred in the process of developing a strategic plan for the district. Upcoming events for Winter/Spring/Summer 2019 include a Staff Conference, Regional Training for district directors, and a New Manager Orientation program. Matt Miller is working on the rebranding of Building for Tomorrow. He is looking into a having a new logo and website design created. He is also working on dates for meetings in 2019.

3. **Nutrient Management Program Technical Manual Updates- Frank Schneider**

The State Conservation Commission (Commission) developed a process to update several of the Act 38 program manuals, including the Nutrient Management Program Administrative and Technical manuals and Odor Management Program Technical and BMP reference manuals. As part of that process, an “open topic” submission period was created for solicitation of topics for consideration for each of the manuals. The intent of the “open topic” submission period is to provide an opportunity for those that utilize the manuals to provide input on guidance that may need further clarification or identify and suggest topics that have not been adequately addressed in previous versions of the manuals. Public comment will be open until November 2018 and it’s anticipated that proposed changes and final documents will be brought to the Commission in June/July 2019.

4. **Act 38 Nutrient Balance Sheet P Planning Recommendations - Frank Schneider**

Nutrient Management Program staff recently presented the attached ‘draft’ proposed changes for phosphorous planning in Nutrient Balance Sheet (NBS) to the Nutrient Management Advisory Board (NMAB). These proposed policy changes would be part of an update to the Commission’s Act 38 Nutrient Management Technical Manual.

The first proposed change under consideration is the elimination of Phosphorous banking (P Banking) under Option 1. P Banking was brought into the program when the Environmental Hearing Board (EHB) ruled that the Nutrient Management Plans must start to evaluate Phosphorous. For the initial phase of implementation, importers were permitted to use this option to implement a “phosphorus banking” scenario for their farm. This means an importer could apply up to 3 years of phosphorus removal for their various crop rotations, without having to run soil tests for the fields being addressed in this fashion.

The proposed elimination of the P Banking option as a sub-option in Manure Plan Basis – Option 1 would be because of the following:

- Misuse of P Banking
- Tracking of Compliance (Are operations not applying any of form of P for 2 years (1 year)?
- Equipment Improvements (Since 2006 there have been equipment improvements to achieve lower rates)
- Adequate time to obtain soil tests

The second proposed change under consideration is to eliminate Option 3 (P-Index option) in NBS planning and require anyone who needs to run the P-index to have them prepare a volunteer NMP. This change is proposed as NBS (option 1 and 2) are based on crop group planning, where NBS option 3 is field by field planning.

We are seeing Option 3 as being used much more extensively than previously expected because:

- Significant amount of imported manure is going on fields with P levels greater than 200 ppm
- NBS 4.0 added the requirement that Option 3 be used for winter application
- Policy that prevents using Option 1 for fields with P levels greater than 200 ppm

These changes are an initial draft of a proposal. Program staff anticipate having additional discussions with the NMAB before any recommendations are presented to the Commission at a future public meeting for consideration.

5. **Agricultural Planning Reimbursement Program – DEP Staff**

The Agricultural Planning Reimbursement Program has been extended for another year by DEP's Chesapeake Bay Program due to the strong response from Pennsylvania's agricultural community. This program is open to all agricultural operators/landowners in Pennsylvania's Chesapeake Bay watershed and assists farmers with their agricultural planning needs. Funds will be available on a first-come, first-served basis through Spring 2019.

The program will continue to be managed in 2 separate regions, the Northeast/Northcentral Region and Southeast/Southcentral Region of the watershed. TeamAg Inc. will continue to be the coordinating agency for the program in the Southeast/Southcentral region and Larson Design Group will continue to be the coordinating agency for the program in the Northeast/Northcentral Region. Natahnee Shrawder, DEP, reported that the second round of ag planning reimbursement was approved. There is a \$6,000.00 limit for farming operators. People who were reimbursed in the first round aren't eligible for the second round.

6. **Chapter 102 e-Permitting – DEP Staff**

DEP is preparing to develop an e-Permitting system for Chapter 102 permits. E-Permitting is expected to reduce incomplete application submittals and is expected to make permit tracking easier. Applications submitted through e-Permitting will help prevent the applications from being submitted with missing information or lacking materials, because the system will not allow applications with missing information to

be submitted. A shareholder group has been created to assist in the development process, and includes representatives from county Conservation Districts as well as DEP. Over the next few months, DEP Information Technology (IT) staff will work with the shareholder group to develop business requirements for Chapter 102 e-Permitting. Fred Fiscus, DEP, shared that this is similar to Chapter 105.

7. **Allegheny County Conservation District Selects New District Manager – Karl Brown**

The Allegheny County Conservation District recently selected Heather Manzo as its District Manager. Heather spent a decade as an Extension Educator with Pennsylvania State Extension's Entrepreneurship and Community Development Team and recently served as the Associate Director for Extension at Penn State Extension's Northeast Regional Center for Rural Development.

8. **Next meeting – September 11, 2018 – PA Department of Agriculture Building, Room 309, Harrisburg, PA.**

9. **Adjournment.** The meeting was adjourned at 9:20 am.



**COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION**

DATE: August 28, 2018

TO: Members
State Conservation Commission

FROM: Michael J. Walker
State Conservation Commission

SUBJECT: Nutrient Management Plan Review (1)
Aaron Smucker, Northumberland County, Pennsylvania

Action Requested

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

1. Aaron Smucker, 182 Tillman Lane, Sunbury, PA 17801

Background

I have completed the required review of the subject nutrient management plan listed above. Final corrections to the plan were received at the Commission's office at PDA Region 2 on August 28, 2018. As of that date, the plan was considered to be in its final form. The operation, located in Northumberland County, is considered to be a Concentrated Animal Operation (CAO) under the PA Nutrient and Odor Management Act (Act 38 of 2005). The Commission is the proper authority to take action on this plan, because Northumberland County Conservation District has not been delegated plan review and action responsibilities under the PA Nutrient and Odor Management Act Program.

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

Thank you for considering this plan for Commission action.

Farm Descriptions

Aaron Smucker, NMP, Northumberland County – Aaron Smucker recently purchase two adjacent parcel in Northumberland County and plan to construct two broiler barns, a horse/garage barn and dog kennel near the borough of Sunbury, PA on these parcels. This proposed animal operation is to construct two broiler barns with each holding 26,500 birds (total of 53,000), a barn/garage facility to house a driving horse and mini-horse and a 40 by 80 dog kennel. The poultry barns will be located on the adjacent parcel as the home dwelling and other buildings. Organic birds are planned to be raised by Smucker in the broiler barns, so small pastures areas for the poultry will be created adjacent to each of the broiler barn. The broiler barns are planned for total clean out of manure two times per year. All collected poultry manure is exported directly from the barns to a known importer. The importer has significant crop acres and plans to land apply this manure for growing corn, soybeans and wheat. The submitted plan also includes a small pasture for the horses, which the horses will have access from April through October. The plan indicates that approximately 467 tons of poultry manure will be generated annually, and 2.4 tons will be animal applied to the poultry pastures by the birds. Approximately 4 tons of horse manure is planned to be animal applied to the horse pasture. Smucker indicated that all collected horse manure will be hand applied to the pasture and his garden. Smucker's remaining crop acres on these two parcels of land is 31.9 acres. These crop acres will be leased to the importer of the poultry manure but no poultry manure generated at Smucker's operation is planned to be land applied to these fields. Smucker does not have control of any additional crop acres outside the small pastures. The dog kennel waste is planned to be collected and placed in a roll-off dumpster and taken the landfill.

The combined animal equivalent units at Smucker's animal operation are 129.14. The only crop production acres under Smucker's control is the 3 small permanent pastures that account for 2.0 acres. The majority of the feed and bedding are brought on to the operation from outside sources. The animal equivalent units per acre for the Aaron Smucker animal operation are 64.57, classifying this operation as a concentrated animal operation under Act 38 of 2005.

The proposed NMP for Smucker's animal operation indicates needed BMPs to be implemented on the operation, namely – Animal Mortality Facility, Critical Area Seeding, Forage & Biomass Planting (pastures) and storm water controls for the new barns and facilities proposed to be constructed. These practices are needed to assist the operator with overall management of this proposed broiler and horse operation.

Based on my review, the NMP developed for Aaron Smucker operation meets the requirements of the PA Act 38 Nutrient Management Regulations, and I therefore recommend Commission approval.

NON-FINAL FORM

Version 1

Nutrient Management Plan

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

For Crop Year(s)

2019

2020

2021
July 13, 2018
Month, Day and Year

Prepared For

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

Aaron Smucker, 182 Tillman Lane, Sunbury, PA 17801, 717-587-5392

Operation's Location Address (if different than above)

286 Airport Road, Sunbury, PA 17801

FINAL FORM

This version of the plan will be considered for action by the Conservation District Board at their September 11, 2018 meeting

August 28, 2018
MONTH, DAY AND YEAR

SCC

Site Name (CAFOs)

N/A

Prepared By

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

Todd C. Rush, TeamAg, Inc., 120 Lake Street, Ephrata, PA 17522
570-764-7003

Nutrient Management Specialist's Program Certification Number

#988-NMC

Administratively Complete Date

July 13, 2018

Plan Approval Date

Plan Update Submission Date(s)

(updates to the approved plan not requiring board action)



Nutrient Management Plan

For Crop Year(s)

2019

2020

2021

Prepared For

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

Aaron Smucker, 182 Tillman Lane, Sunbury, PA 17801, 717-587-5392

Operation's Location Address (if different than above)

286 Airport Road, Sunbury, PA 17801

Site Name (CAFOs)

N/A

Prepared By

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

Todd C. Rush, TeamAg, Inc., 120 Lake Street, Ephrata, PA 17522
570-764-7003

Nutrient Management Specialist's Program Certification Number

#988-NMC

Administratively Complete Date

Plan Approval Date

Plan Update Submission Date(s)

(updates to the approved plan not requiring board action)



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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.)

Poultry Pasture Information

Dog Kennel Waste Disposal Documentation

Emergency Response Plan

Nutrient Management Plan Summary

Total acres reported in NMP Summary: 2.0

Crop Year(s) 2019

Whole Farm Note: See Appendix 8 for manure export details.
 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:

Total Acres: 52.9 Total Acres Available For Nutrient Application Under Operator's Control: Owned: 2 Rented: 0

Animal Equivalent Units: 129.14

Animal Equivalent Units Per Acre: 64.57

CMU/Field ID	Acres	Crop	Manure Group	Application Season	Application Management	Planned Manure Rate ¹	Starter/Other Fertilizer (lb/A)			Supplemental Fertilizer (lb/A)			Nutrient Balance (lb/A) ²			
							N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	
ASPB1	0.6	Planting Pasture (without legume)	Pasture ASPB1 Broiler Chicken - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes	0	0	0	118	0	78	0	-30	0
ASPB2	0.6	Planting Pasture (without legume)	Pasture ASPB2 Broiler Chicken - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes	0	0	0	118	0	78	0	-30	0
ASP2	0.8	Planting Pasture (without legume)	Horse - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes	0	0	0						
ASP2	0.8	Planting Pasture (without legume)	Miniature Horse - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes	0	0	0	113	0	57	0	-24	0

¹ See rate calibration table (Nutrient Management Plan Summary Notes).

² Positive numbers = nutrient deficit; Negative numbers = nutrient excess

NMP Summary Notes

Crop Years 2019

CMU/Field ID	Notes
ASPB1	This field is managed as permanent pasture. An average of 1,325 broiler chickens from barn #1 will have access to this pasture for 12 hours per day for a total of 53 days from April through September or equivalent. Water and feed are provided in the broiler chicken barn.
ASPB2	This field is managed as permanent pasture. An average of 1,325 broiler chickens from barn #2 will have access to this pasture for 12 hours per day for a total of 53 days from April through September or equivalent. Water and feed are provided in the broiler chicken barn.
ASP2	
ASP2	This field is managed as permanent pasture. An average of 1 horse and 1 miniature horse will have access to this pasture for 12 hours per day from April through October or equivalent. Water and feed are provided in the horse barn. This field will receive collected manure from the small quantity manure group.

¹ See rate calibration table (Nutrient Management Plan Summary Notes).

² Positive numbers = nutrient deficit; Negative numbers = nutrient excess

Manure Spreader Calibration Notes

1

Crop Years 2019

Manure Application Rate	Manure Spreader Used	Spreader Settings	Tractor Used (if applicable)	Tractor Settings (speed, gear, rpm, pto, etc.)
Collected small quantity manure group manure will be spread by hand.	N/A	N/A	N/A	N/A

Nutrient Management Plan Summary

Total acres reported in NMP Summary: 2.0

Crop Year(s) 2020

Whole Farm Note: See Appendix 8 for manure export details.
 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:

Total Acres: 52.9 Total Acres Available For Nutrient Application Under Operator's Control: Owned: 2 Rented: 0

Animal Equivalent Units: 129.14

Animal Equivalent Units Per Acre: 64.57

CMU/Field ID	Acres	Crop	Manure Group	Application Season	Application Management	Planned Manure Rate ¹	Starter/Other Fertilizer (lb/A)			Supplemental Fertilizer (lb/A)			Nutrient Balance (lb/A) ²			
							N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	
ASPB1	0.6	Planting Pasture (without legume)	Pasture ASPB1 Broiler Chicken - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes	0	0	0	98	0	78	0	-30	0
ASPB2	0.6	Planting Pasture (without legume)	Pasture ASPB2 Broiler Chicken - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes	0	0	0	98	0	78	0	-30	0
ASP2	0.8	Planting Pasture (without legume)	Horse - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes	0	0	0						
ASP2	0.8	Planting Pasture (without legume)	Miniature Horse - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes	0	0	0	93	0	57	0	-24	0

¹ See rate calibration table (Nutrient Management Plan Summary Notes).

² Positive numbers = nutrient deficit; Negative numbers = nutrient excess

NMP Summary Notes

Crop Years 2020

CMU/Field ID	Notes
ASPB1	This field is managed as permanent pasture. An average of 1,325 broiler chickens from barn #1 will have access to this pasture for 12 hours per day for a total of 53 days from April through September or equivalent. Water and feed are provided in the broiler chicken barn.
ASPB2	This field is managed as permanent pasture. An average of 1,325 broiler chickens from barn #2 will have access to this pasture for 12 hours per day for a total of 53 days from April through September or equivalent. Water and feed are provided in the broiler chicken barn.
ASP2	
ASP2	This field is managed as permanent pasture. An average of 1 horse and 1 miniature horse will have access to this pasture for 12 hours per day from April through October or equivalent. Water and feed are provided in the horse barn. This field will receive collected manure from the small quantity manure group.

¹ See rate calibration table (Nutrient Management Plan Summary Notes).

² Positive numbers = nutrient deficit; Negative numbers = nutrient excess

Manure Spreader Calibration Notes

1

Crop Years 2020

Manure Application Rate	Manure Spreader Used	Spreader Settings	Tractor Used (if applicable)	Tractor Settings (speed, gear, rpm, pto, etc.)
Collected small quantity manure group manure will be spread by hand.	N/A	N/A	N/A	N/A

Nutrient Management Plan Summary

Total acres reported in NMP Summary: 2.0

Crop Year(s) 2021

Whole Farm Note: See Appendix 8 for manure export details.
 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:

Total Acres: 52.9 Total Acres Available For Nutrient Application Under Operator's Control: Owned: 2 Rented: 0

Animal Equivalent Units: 129.14

Animal Equivalent Units Per Acre: 64.57

CMU/Field ID	Acres	Crop	Manure Group	Application Season	Application Management	Planned Manure Rate ¹	Starter/Other Fertilizer (lb/A)			Supplemental Fertilizer (lb/A)			Nutrient Balance (lb/A) ²			
							N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	
ASPB1	0.6	Planting Pasture (without legume)	Pasture ASPB1 Broiler Chicken - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes	0	0	0	98	0	78	0	-30	0
ASPB2	0.6	Planting Pasture (without legume)	Pasture ASPB2 Broiler Chicken - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes	0	0	0	98	0	78	0	-30	0
ASP2	0.8	Planting Pasture (without legume)	Horse - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes	0	0	0						
ASP2	0.8	Planting Pasture (without legume)	Miniature Horse - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes	0	0	0	93	0	57	0	-24	0

¹ See rate calibration table (Nutrient Management Plan Summary Notes).

² Positive numbers = nutrient deficit; Negative numbers = nutrient excess

NMP Summary Notes

Crop Years 2021

CMU/Field ID	Notes
ASPB1	This field is managed as permanent pasture. An average of 1,325 broiler chickens from barn #1 will have access to this pasture for 12 hours per day for a total of 53 days from April through September or equivalent. Water and feed are provided in the broiler chicken barn.
ASPB2	This field is managed as permanent pasture. An average of 1,325 broiler chickens from barn #2 will have access to this pasture for 12 hours per day for a total of 53 days from April through September or equivalent. Water and feed are provided in the broiler chicken barn.
ASP2	
ASP2	This field is managed as permanent pasture. An average of 1 horse and 1 miniature horse will have access to this pasture for 12 hours per day from April through October or equivalent. Water and feed are provided in the horse barn. This field will receive collected manure from the small quantity manure group.

¹ See rate calibration table (Nutrient Management Plan Summary Notes).

² Positive numbers = nutrient deficit; Negative numbers = nutrient excess

Manure Spreader Calibration Notes

1

Crop Years 2021

Manure Application Rate	Manure Spreader Used	Spreader Settings	Tractor Used (if applicable)	Tractor Settings (speed, gear, rpm, pto, etc.)
Collected small quantity manure group manure will be spread by hand.	N/A	N/A	N/A	N/A

Additional Nutrient Management Plan Requirements

Manure Management and Stormwater BMP Implementation Summary

Best Management Practice	NRCS Practice Code ¹	BMP Location	Implementation Season & Year
Animal Mortality Facility	316	East of poultry barns	Fall / 2018
Critical Area Planting	342	Areas disturbed by construction activities associated with the poultry barns	Fall / 2018
Forage & Biomass Planting	512	Proposed pasture fields ASPB1, ASPB2, ASP2	Fall / 2018
Grassed Waterway / Swale	412	Upslope of poultry barns and stormwater basin	Fall / 2018
Lined Outlet	468	Swale & underground outlet pipe outlets	Fall / 2018
Structure for Water Control	587	Swale inlet pipes	Fall / 2018
Underground Outlet	620	Swales to stormwater basin	Fall / 2018
Water & Sediment Control Basin	638	South of poultry barns	Fall / 2018

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.

This operation does not field stack manure.

Additional CAFO Requirements

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

This operation is not a CAFO.

Proposed Manure Storage Description

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

There are no manure storage structures proposed for this operation.

Description of Planned Alternative Manure Technology Practices

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

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

Exported Manure Summary

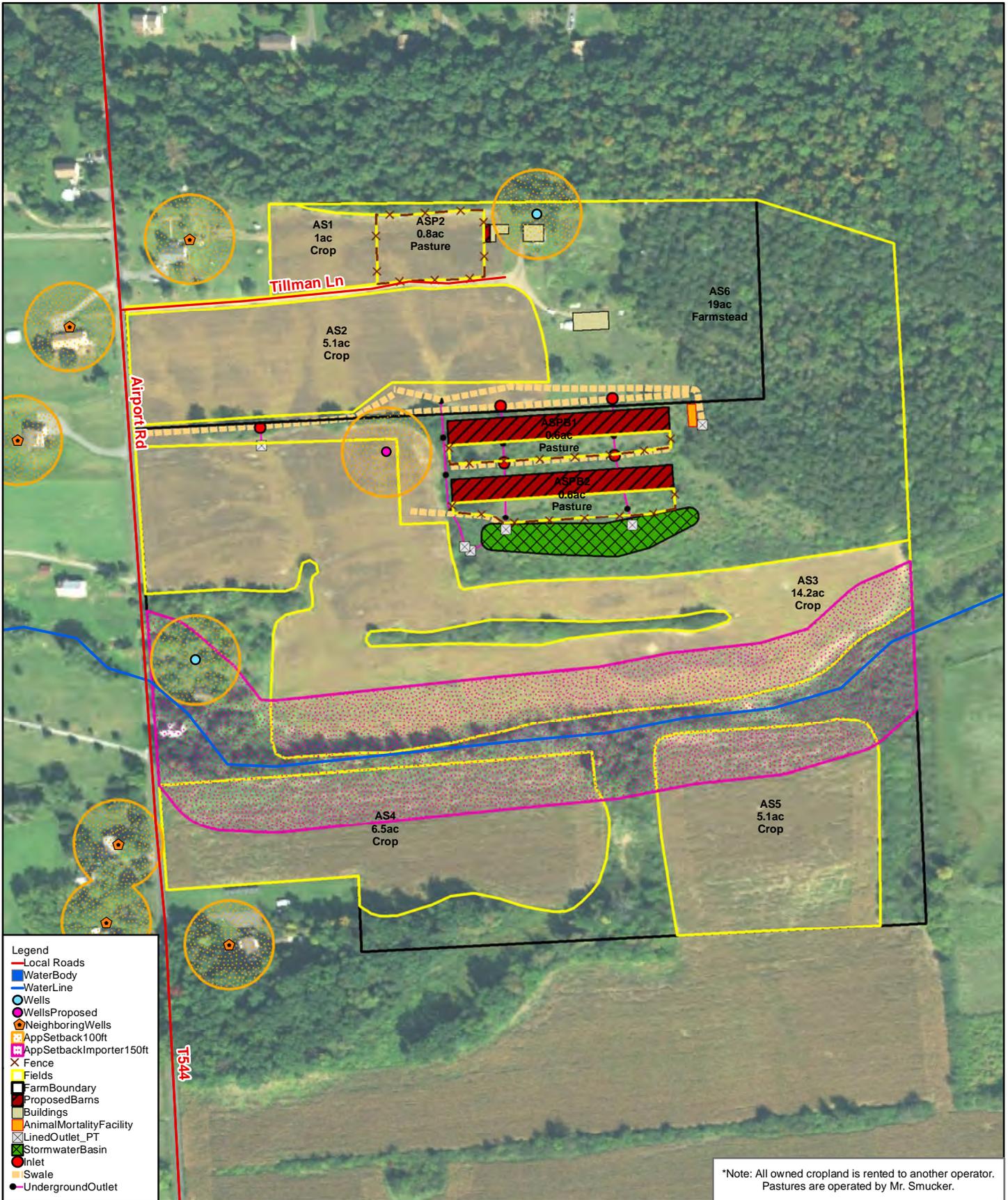
Summarize in a short paragraph the arrangements proposed for the manure to be exported from the operation. This information is described in more detail in Appendix 8 of this plan.

All collected poultry manure is exported to known manure importers for application on cropland. See Appendix 8 for details.

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.

Aaron Smucker Operator Management Map



****Field verification of application setbacks and buffers is required prior to land application of manure.****

Appendix 1

Nutrient Management Plan Agreement & Responsibilities

Plan Implementation Requirements

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

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

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

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

Form with checkboxes for 1-Year Plan for Crop Year and 3-Year Plan for Crop Years with a table for years 2019, 2020, and 2021.

Records required to be maintained include the following:

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

The following has been confirmed:

Form with checkboxes for Verification of Ag E&S Plan and 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.

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

Specialist Signature

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

Specialist Signature

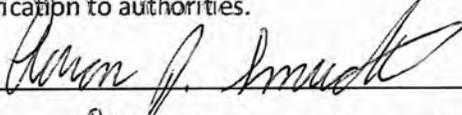
Handwritten signature

Date

06/11/18

Operator Signature

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

Operator Signature 
Operator Title Owner - manager
Date 6-12-18

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.

Aaron Smucker is proposing to raise broiler chickens at his farm in Northumberland County, PA. The farm consists of 31.9 acres of cropland, 0 acres of hayland, 2 acres of pasture and 19 acres of farmstead. All cropland acres are rented to another farmer who utilizes them to raise corn grain and soybeans. All crops are established using no-till planting methods. No manure is applied to the fields owned by Mr. Smucker. The proposed poultry operation will average a total of 53,000 broiler chickens housed in two barns (26,500 broilers per barn). Broiler chickens will have managed access to pasture areas at each poultry barn. Based on similar operations that are contracted with the selected integrator, the number of birds going outside at any given time is generally just a small fraction of the overall flock size, approximately 5% or 2,650 out of the total of 53,000 birds. The integrator requires that specific weather conditions be present for birds to have outside access and that the outside access areas maintain vegetative cover year round. Birds will typically have outside access for 12 hours per day from April through September. Collected poultry manure will be handled as a solid. Manure will be removed between flocks twice per year and exported directly to a known importer for application on cropland. Export will typically take place in the spring and fall. Sawdust will be used for bedding. Exported manure generated by this operation will be imported by the farmer currently renting and operating Mr. Smucker's owned cropland; however no manure will be applied to these fields as the importer will be applying the imported poultry manure other fields as outlined in Appendix 8. Mr. Smucker will also have 1 horse and 1 miniature horse on the operation. These animals are shown as a small quantity manure group in this plan. Horses will have access to pasture field ASP2 from April through October. Collected horse manure will be handled as a solid and spread by hand on pasture field ASP2. Poultry mortalities are planned to be composted on the operation in a roofed bin composter. Mortality compost will be mixed in with the collected poultry manure as needed during export off the operation in the spring and fall.

County(s)

Northumberland County / Rockefeller Township

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

Unnamed Tributary to Plum Creek – CWF

Notation of Special Protection Waters

None

Operation Acres

Total Acres: 52.9 acres

Total Acres Available for Nutrient Application Under Operator's Control

Owned: 2 acres

Rented: 0 acres

Names & Addresses of Owners of Rented or Leased Land

None

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.

There are no manure storage structures existing on this operation.

Manure Application Equipment Capacity & Practical Application Rates

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

Collected small quantity manure group manure will be spread by hand.

Appendix 3 Manure Group Information Crop Yrs. 2019	Broiler Manure		Small Quantity Manure	
Manure Report Date (note if averaging several reports)	Book Value		Book Value	
Laboratory Name	PSU Agronomy Guide		PSU Agronomy Guide	
Manure Type	Poultry		Other	
Manure Unit (lbs/ton or 1000 gal)	lb/ton		lb/ton	
Total Nitrogen (N) (lbs/ton or 1000 gal)	66.00		12.00	
Ammonium N (NH ₄ -N) (lbs/ton or 1000 gal)	Complete NH ₄ -N		Complete NH ₄ -N	
Total Organic N (lbs/ton or 1000 gal)	Check N values in Manure Avg Input Go to NMP Index		Check N values in Manure Avg Input	
Total Phosphate (P ₂ O ₅) (lbs/ton or 1000 gal)	63.00 Go to Appendix 3 Input		5.00	
Total Potash (K ₂ O) (lbs/ton or 1000 gal)	47.00 Go to Manure Avg Input		9.00	
Percent Solids	75.00 Grazing Calculator		20.00	
PSC Value (analytical or book value)	0.80		0.80	
Percent Moisture	25.00		80.00	
Manure Group AEU's	127.84		1.30	
Description: Site & Season Applied	Broiler Barns	Spring & Fall Export	Horse Barn	Spring, Summer & Fall
Inventory Method	Calculated		Calculated	
	Collected Calc.	Uncollected Calc.	Collected Calc.	Uncollected Calc.
Manure Group Identification	Broiler Manure	Broiler Manure - uncollected	Small Quantity Manure	Small Quantity Manure - uncollected
CALCULATED: Total Manure Collected Per Manure Group	464.1	2.5	10.2	3.8
Units	Tons	Tons	Tons	Tons
RECORDS: Total Manure Collected Per Manure Group				
Unit				
Manure Used On-Farm	Collected 0.0	Uncollected 2.4	Collected 0.0	Uncollected 3.8
Units	Tons	Tons	Tons	Tons
Manure Exported	464.1		0.0	
Units	tons		tons	
Manure Allocation Balance	0.0	0.1	10.2	0.0
Units	Tons	Tons	Tons	Tons
Manure Balance as a Percent of Total Manure Collected	0.0%		100.0%	
Total Rainfall and Runoff	0		0	
	tons		tons	

Appendix 3 Manure Group Information Crop Yrs. 2019	Broiler Manure		Small Quantity Manure	
	Manure Generation per Animal Group	Uncollected Manure: Nutrient Analysis Book Values	Manure Generation per Animal Group	Uncollected Manure: Nutrient Analysis Book Values
Animal Group 1	Broiler Chicken	App 3 Input	Horse	Horse - uncollected
Animal Type	Broiler, large: 0-53 days		Light Horse Mature	Total Nitrogen (N) lbs/ton
Animal Number	50,350		1	12.00
Animal Weight	3.55		1100	Total Phosphate (P2O5) lbs/ton
Animal Group AUs	178.74		1.10	5.00
Animal Group AEUs	121.45		1.10	Total Potash (K2O) lbs/ton
Daily Manure Production per AU	20.0		55.0	9.00
Total Days Manure Produced	248		365	PSC Value
Total Manure Produced	443		11	0.80
Days On Pasture	0		214	Grazing Calculator
Hours Per Day On Pasture	0		12	
Total Bedding	0		1	
Total Washwater	0		0	
CALCULATED - Total Uncollected Manure Per Animal Group			3.2	3 - Tons
CALCULATED-Total Manure Collected Per Animal Group	443		8	

Animal Group 2	Pasture ASPB1 Broiler Chicken	App 3 Input	Miniature Horse	Miniature Horse - uncollected	
Animal Type	Broiler, large: 0-53 days		Miniature Horse Mature	Total Nitrogen (N) lbs/ton	
Animal Number	1325		1	12.00	
Animal Weight	3.55		200	Total Phosphate (P2O5) lbs/ton	
Animal Group AUs	4.70		0.20	5.00	
Animal Group AEUs	3.20		0.20	Total Potash (K2O) lbs/ton	
Daily Manure Production per AU	20.0		55.0	9.00	
Total Days Manure Produced	248		365	PSC Value	
Total Manure Produced	12		2	0.80	
Days On Pasture	53		214		
Hours Per Day On Pasture	12		12		
Total Bedding	0		1		
Total Washwater	0		0		
CALCULATED - Total Uncollected Manure Per Animal Group	1.2		1 - Tons	0.6	1 - Tons
CALCULATED-Total Manure Collected Per Animal Group	10		2		

Appendix 3 Manure Group Information Crop Yrs. 2019	Broiler Manure		Small Quantity Manure	
	Manure Generation per Animal Group	Uncollected Manure: Nutrient Analysis Book Values	Manure Generation per Animal Group	Uncollected Manure: Nutrient Analysis Book Values
Animal Group 3	Pasture ASPB2 Broiler Chicken	Pasture ASPB2 Broiler Chicken - Total Nitrogen (N) lbs/ton		
Animal Type	Broiler, large: 0-53 days			
Animal Number	1325	22.00		
Animal Weight	3.55	Total Phosphate (P2O5) lbs/ton		
Animal Group AUs	4.70	15.00		
Animal Group AEUs	3.20	Total Potash (K2O) lbs/ton		
Daily Manure Production per AU	20.0	11.00		
Total Days Manure Produced	248	PSC Value		
Total Manure Produced	12	0.80		
Days On Pasture	53			
Hours Per Day On Pasture	12			
Total Bedding	0			
Total Washwater	0			
CALCULATED - Total Uncollected Manure Per Animal Group	1.2	1 - Tons		
CALCULATED-Total Manure Collected Per Animal Group	10	App 3 Input		

Appendix 3 Manure Group Information Crop Yrs. 2020	Broiler Manure		Small Quantity Manure	
Manure Report Date (note if averaging several reports)	Book Value		Book Value	
Laboratory Name	PSU Agronomy Guide		PSU Agronomy Guide	
Manure Type	Poultry		Other	
Manure Unit (lbs/ton or 1000 gal)	lb/ton		lb/ton	
Total Nitrogen (N) (lbs/ton or 1000 gal)	66.00		12.00	
Ammonium N (NH ₄ -N) (lbs/ton or 1000 gal)	Complete NH ₄ -N		Complete NH ₄ -N	
Total Organic N (lbs/ton or 1000 gal)	Check N values in Manure Avg Input Go to NMP Index		Check N values in Manure Avg Input	
Total Phosphate (P ₂ O ₅) (lbs/ton or 1000 gal)	63.00 Go to Appendix 3 Input		5.00	
Total Potash (K ₂ O) (lbs/ton or 1000 gal)	47.00 Go to Manure Avg Input		9.00	
Percent Solids	75.00 Grazing Calculator		20.00	
PSC Value (analytical or book value)	0.80		0.80	
Percent Moisture	25.00		80.00	
Manure Group AEU's	127.84		1.30	
Description: Site & Season Applied	Broiler Barns	Spring & Fall Export	Horse Barn	Spring, Summer & Fall
Inventory Method	Calculated		Calculated	
	Collected Calc.	Uncollected Calc.	Collected Calc.	Uncollected Calc.
Manure Group Identification	Broiler Manure	Broiler Manure - uncollected	Small Quantity Manure	Small Quantity Manure - uncollected
CALCULATED: Total Manure Collected Per Manure Group	464.1	2.5	10.2	3.8
Units	Tons	Tons	Tons	Tons
RECORDS: Total Manure Collected Per Manure Group				
Unit				
Manure Used On-Farm	Collected 0.0	Uncollected 2.4	Collected 0.0	Uncollected 3.8
Units	Tons	Tons	Tons	Tons
Manure Exported	464.1		0.0	
Units	tons		tons	
Manure Allocation Balance	0.0	0.1	10.2	0.0
Units	Tons	Tons	Tons	Tons
Manure Balance as a Percent of Total Manure Collected	0.0%		100.0%	
Total Rainfall and Runoff	0		0	
	tons		tons	

Appendix 3 Manure Group Information Crop Yrs. 2021	Broiler Manure		Small Quantity Manure	
Manure Report Date (note if averaging several reports)	Book Value		Book Value	
Laboratory Name	PSU Agronomy Guide		PSU Agronomy Guide	
Manure Type	Poultry		Other	
Manure Unit (lbs/ton or 1000 gal)	lb/ton		lb/ton	
Total Nitrogen (N) (lbs/ton or 1000 gal)	66.00		12.00	
Ammonium N (NH ₄ -N) (lbs/ton or 1000 gal)	Complete NH ₄ -N		Complete NH ₄ -N	
Total Organic N (lbs/ton or 1000 gal)	Check N values in Manure Avg Input Go to NMP Index		Check N values in Manure Avg Input	
Total Phosphate (P ₂ O ₅) (lbs/ton or 1000 gal)	63.00 Go to Appendix 3 Input		5.00	
Total Potash (K ₂ O) (lbs/ton or 1000 gal)	47.00 Go to Manure Avg Input		9.00	
Percent Solids	75.00 Grazing Calculator		20.00	
PSC Value (analytical or book value)	0.80		0.80	
Percent Moisture	25.00		80.00	
Manure Group AEU's	127.84		1.30	
Description: Site & Season Applied	Broiler Barns	Spring & Fall Export	Horse Barn	Spring, Summer & Fall
Inventory Method	Calculated		Calculated	
	Collected Calc.	Uncollected Calc.	Collected Calc.	Uncollected Calc.
Manure Group Identification	Broiler Manure	Broiler Manure - uncollected	Small Quantity Manure	Small Quantity Manure - uncollected
CALCULATED: Total Manure Collected Per Manure Group	464.1	2.5	10.2	3.8
Units	Tons	Tons	Tons	Tons
RECORDS: Total Manure Collected Per Manure Group				
Unit				
Manure Used On-Farm	Collected 0.0	Uncollected 2.4	Collected 0.0	Uncollected 3.8
Units	Tons	Tons	Tons	Tons
Manure Exported	464.1		0.0	
Units	tons		tons	
Manure Allocation Balance	0.0	0.1	10.2	0.0
Units	Tons	Tons	Tons	Tons
Manure Balance as a Percent of Total Manure Collected	0.0%		100.0%	
Total Rainfall and Runoff	0		0	
	tons		tons	

Manure Analysis 5 Year Running Average						
Manure Average for Crop Years. 2019	Broiler Manure					
	Average	1 year ago	2 years ago	3 years ago	4 years ago	5 years ago
Manure Report Date	Book Value	Book Value				
Laboratory Name	PSU Agronomy Guide	PSU Agronomy Guide				
Manure Type	Poultry	Poultry				
Manure Unit (lbs/ton or 1000 gal)	lb/ton	lb/ton				
Total Nitrogen (N) (lbs/ton or 1000 gal)	66.00	66.00				
Ammonium N (NH ₄ -N) (lbs/ton or 1000 gal)	Complete NH4-N					
Total Organic N (lbs/ton or 1000 gal)		66.00				
Total Phosphate (P ₂ O ₅) (lbs/ton or 1000 gal)	63.00	63.00				
Total Potash (K ₂ O) (lbs/ton or 1000 gal)	47.00	47.00				
Percent Solids	75.00	75.00				
PSC Value (Enter analytical or book value)	0.80	0.80				

Manure Average for Crop Years. 2019	Small Quantity Manure					
	Average	1 year ago	2 years ago	3 years ago	4 years ago	5 years ago
Manure Report Date	Book Value	Book Value				
Laboratory Name	PSU Agronomy Guide	PSU Agronomy Guide				
Manure Type	Other	Other				
Manure Unit (lbs/ton or 1000 gal)	lb/ton	lb/ton				
Total Nitrogen (N) (lbs/ton or 1000 gal)	12.00	12.00				
Ammonium N (NH ₄ -N) (lbs/ton or 1000 gal)	Complete NH4-N					
Total Organic N (lbs/ton or 1000 gal)		12.00				
Total Phosphate (P ₂ O ₅) (lbs/ton or 1000 gal)	5.00	5.00				
Total Potash (K ₂ O) (lbs/ton or 1000 gal)	9.00	9.00				
Percent Solids	20.00	20.00				
PSC Value (Enter analytical or book value)	0.80	0.80				

App. 4: Crop Yrs. 2019	ASP1			ASP2			ASP2			ASP2		
CMU/Field ID												
Acres	0.6			0.6			0.8			0.8		
Soil Test Report Date	July 6, 2018			July 6, 2018			August 20, 2018			August 20, 2018		
Laboratory Name	Spectrum Analytic, Inc.											
Soil Test Levels (Mehlich-3 P & K) (Show conversions to ppm in Appendix 10)	ppm P	ppm K	pH									
	155	94	5.2	155	94	5.2	122	94	5.3	122	94	5.3
P Index Part A Evaluation	Farm Mgmt Change											
Part A Result	Part B											
Crop	Planting Pasture (without legume)											
Planned Yield	2.5 ton/A											
PSU Soil Test Recommendation (lb/A)	N	P2O5	K2O									
	125	0	100	125	0	100	125	0	100	125	0	100
User Soil Test Recommendation (lb/A)												
Other Nutrients Applied (lb/A) (Nutrients applied regardless of manure)	0	0	0	0	0	0	0	0	0	0	0	0
P Index Application Method												
Double Crop CarryOver N (lb/A)	0			0			0			0		
Manure History Description Residual Manure N (lb/A)	0	Rarely - Summer Crop										
Legume History Description Residual Legume N (lb/A)	0	No Previous Year Legume										
Net Nutrients Required (lb/A)	125	0	100	125	0	100	125	0	100	115	-20	64
Manure Group	Pasture ASPB1 Broiler Chicken - Uncollected			Pasture ASPB2 Broiler Chicken - Uncollected			Horse - Uncollected			Miniature Horse - Uncollected		
Application Season: Management (Incorporation, cover crops, etc.)	Grazing anytime with nutrient uptake during growing season			Grazing anytime with nutrient uptake during growing season			Grazing anytime with nutrient uptake during growing season			Grazing anytime with nutrient uptake during growing season		
Availability Factors (Total N or NH4-N & Organic N)	Total N	NH4-N	Org. N									
	0.15			0.15			0.20			0.20		
P Index Application Method	April - Oct: No incorp or incorp > 1 wk.			April - Oct: No incorp or incorp > 1 wk.			April - Oct: No incorp or incorp > 1 wk.			April - Oct: No incorp or incorp > 1 wk.		
N Balanced Manure Rate (ton; gal/A)	38 tons/A			38 tons/A			52 tons/A			48 tons/A		
P Removal Balance Manure Rate (ton or gal/A; If required by P Index)	3 tons/A			3 tons/A			8 tons/A			4 tons/A		
	Crop P Removal (lb/A) 37.5			Crop P Removal (lb/A) 37.5			Crop P Removal (lb/A) 37.5			Crop P Removal (lb/A) 17.5		
P Index Value	8			16			7			7		
Planned Manure Rate (ton or gal/A)	2 tons/A			2 tons/A			4 tons/A			0.75 tons/A		
Nutrients Applied at Planned Manure Rate (lb/A)	7	30	22	7	30	22	10	20	36	2	4	7
Nutrient Balance after Manure	118	-30	78	118	-30	78	115	-20	64	113	-24	57
Supplemental Fertilizer (lb/A)	118	0	78	118	0	78	0	0	0	113	0	57
P Index Application Method												
Final Nutrient Balance (lb/A)	0	-30	0	0	-30	0				0	-24	0
Multiple Application							Multiple Initial			Multiple Final		
Manure Utilized on CMU	1 tons			1 tons			3 tons			1 tons		

App. 4: Crop Yrs. 2020	ASP1			ASP2			ASP2			ASP2		
CMU/Field ID												
Acres	0.6			0.6			0.8			0.8		
Soil Test Report Date	July 6, 2018			July 6, 2018			August 20, 2018			August 20, 2018		
Laboratory Name	Spectrum Analytic, Inc.											
Soil Test Levels (Mehlich-3 P & K) (Show conversions to ppm in Appendix 10)	ppm P	ppm K	pH									
	155	94	5.2	155	94	5.2	122	94	5.3	122	94	5.3
P Index Part A Evaluation	Farm Mgmt Change											
Part A Result	Part B											
Crop	Planting Pasture (without legume)											
Planned Yield	2.5 ton/A											
PSU Soil Test Recommendation (lb/A)	N	P2O5	K2O									
	125	0	100	125	0	100	125	0	100	125	0	100
User Soil Test Recommendation (lb/A)												
Other Nutrients Applied (lb/A) (Nutrients applied regardless of manure)	0	0	0	0	0	0	0	0	0	0	0	0
P Index Application Method												
Double Crop CarryOver N (lb/A)	0			0			0			0		
Manure History Description Residual Manure N (lb/A)	20	Frequently - Summer Crop		20	Frequently - Summer Crop		20	Frequently - Summer Crop		0	Frequently - Summer Crop	
Legume History Description Residual Legume N (lb/A)	0	No Previous Year Legume										
Net Nutrients Required (lb/A)	105	0	100	105	0	100	105	0	100	95	-20	64
Manure Group	Pasture ASPB1 Broiler Chicken - Uncollected			Pasture ASPB2 Broiler Chicken - Uncollected			Horse - Uncollected			Miniature Horse - Uncollected		
Application Season: Management (Incorporation, cover crops, etc.)	Grazing anytime with nutrient uptake during growing season			Grazing anytime with nutrient uptake during growing season			Grazing anytime with nutrient uptake during growing season			Grazing anytime with nutrient uptake during growing season		
Availability Factors (Total N or NH4-N & Organic N)	Total N	NH4-N	Org. N									
	0.15			0.15			0.20			0.20		
P Index Application Method	April - Oct: No incorp or incorp > 1 wk.			April - Oct: No incorp or incorp > 1 wk.			April - Oct: No incorp or incorp > 1 wk.			April - Oct: No incorp or incorp > 1 wk.		
N Balanced Manure Rate (ton; gal/A)	32 tons/A			32 tons/A			44 tons/A			40 tons/A		
P Removal Balance Manure Rate (ton or gal/A; If required by P Index)	3 tons/A			3 tons/A			8 tons/A			4 tons/A		
	Crop P Removal (lb/A) 37.5			Crop P Removal (lb/A) 37.5			Crop P Removal (lb/A) 37.5			Crop P Removal (lb/A) 17.5		
P Index Value	8			16			7			7		
Planned Manure Rate (ton or gal/A)	2 tons/A			2 tons/A			4 tons/A			0.75 tons/A		
Nutrients Applied at Planned Manure Rate (lb/A)	7	30	22	7	30	22	10	20	36	2	4	7
Nutrient Balance after Manure	98	-30	78	98	-30	78	95	-20	64	93	-24	57
Supplemental Fertilizer (lb/A)	98	0	78	98	0	78	0	0	0	93	0	57
P Index Application Method												
Final Nutrient Balance (lb/A)	0	-30	0	0	-30	0				0	-24	0
Multiple Application							Multiple Initial			Multiple Final		
Manure Utilized on CMU	1 tons			1 tons			3 tons			1 tons		

App. 4: Crop Yrs. 2021	ASP1			ASP2			ASP2			ASP2		
CMU/Field ID												
Acres	0.6			0.6			0.8			0.8		
Soil Test Report Date	July 6, 2018			July 6, 2018			August 20, 2018			August 20, 2018		
Laboratory Name	Spectrum Analytic, Inc.											
Soil Test Levels (Mehlich-3 P & K) (Show conversions to ppm in Appendix 10)	ppm P	ppm K	pH									
	155	94	5.2	155	94	5.2	122	94	5.3	122	94	5.3
P Index Part A Evaluation	Farm Mgmt Change											
Part A Result	Part B											
Crop	Planting Pasture (without legume)											
Planned Yield	2.5 ton/A											
PSU Soil Test Recommendation (lb/A)	N	P2O5	K2O									
	125	0	100	125	0	100	125	0	100	125	0	100
User Soil Test Recommendation (lb/A)												
Other Nutrients Applied (lb/A) (Nutrients applied regardless of manure)	0	0	0	0	0	0	0	0	0	0	0	0
P Index Application Method												
Double Crop CarryOver N (lb/A)	0			0			0			0		
Manure History Description Residual Manure N (lb/A)	20	Frequently - Summer Crop		20	Frequently - Summer Crop		20	Frequently - Summer Crop		0	Frequently - Summer Crop	
Legume History Description Residual Legume N (lb/A)	0	No Previous Year Legume										
Net Nutrients Required (lb/A)	105	0	100	105	0	100	105	0	100	95	-20	64
Manure Group	Pasture ASPB1 Broiler Chicken - Uncollected			Pasture ASPB2 Broiler Chicken - Uncollected			Horse - Uncollected			Miniature Horse - Uncollected		
Application Season: Management (Incorporation, cover crops, etc.)	Grazing anytime with nutrient uptake during growing season			Grazing anytime with nutrient uptake during growing season			Grazing anytime with nutrient uptake during growing season			Grazing anytime with nutrient uptake during growing season		
Availability Factors (Total N or NH4-N & Organic N)	Total N	NH4-N	Org. N									
	0.15			0.15			0.20			0.20		
P Index Application Method	April - Oct: No incorp or incorp > 1 wk.			April - Oct: No incorp or incorp > 1 wk.			April - Oct: No incorp or incorp > 1 wk.			April - Oct: No incorp or incorp > 1 wk.		
N Balanced Manure Rate (ton; gal/A)	32 tons/A			32 tons/A			44 tons/A			40 tons/A		
P Removal Balance Manure Rate (ton or gal/A; If required by P Index)	3 tons/A			3 tons/A			8 tons/A			4 tons/A		
	Crop P Removal (lb/A) 37.5			Crop P Removal (lb/A) 37.5			Crop P Removal (lb/A) 37.5			Crop P Removal (lb/A) 17.5		
P Index Value	8			16			7			7		
Planned Manure Rate (ton or gal/A)	2 tons/A			2 tons/A			4 tons/A			0.75 tons/A		
Nutrients Applied at Planned Manure Rate (lb/A)	7	30	22	7	30	22	10	20	36	2	4	7
Nutrient Balance after Manure	98	-30	78	98	-30	78	95	-20	64	93	-24	57
Supplemental Fertilizer (lb/A)	98	0	78	98	0	78	0	0	0	93	0	57
P Index Application Method												
Final Nutrient Balance (lb/A)	0	-30	0	0	-30	0				0	-24	0
Multiple Application							Multiple Initial			Multiple Final		
Manure Utilized on CMU	1 tons			1 tons			3 tons			1 tons		

Appendix 5 - P Index

Crop Yrs. 2019

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PART A: SCREENING TOOL CMU/Field ID		PART A: SCREENING TOOL				CMU/Field ID	ASPB1
Is the CMU in a Special Protection watershed?		Is the CMU in a Special Protection watershed?				If the answer is Yes to <u>any</u> of these questions, Part B must be used.	No
A significant farm management change as defined by Act 38?		Is there a significant farm management change as defined by Act 38?					Yes
Soil Test Mehlich 3 P greater than 200 ppm P?		Is the Soil Test Mehlich 3 P greater than 200 ppm P? (enter soil test value in ppm P)					155
Contributing Distance from CMU to receiving water <150 ft.?		Is the Contributing Distance from this CMU to receiving water less than 150 ft.?					No
Is winter manure application planned for this field ?		Is winter manure application planned for this field ?					No
Run P Index Part B voluntarily? (No to all Part A questions.)		Run P Index Part B voluntarily? (Answers are No to all Part A questions.)					No
PART B: SOURCE FACTORS: Mehlich 3 Soil Test P (ppm P)		Mehlich 3 Soil Test P (ppm P)					155
Soil Test Rating = 0.20* Mehlich 3 Soil Test P (ppm P)							31
FERTILIZER P APPLIED REGARDLESS OF MANURE (Starter or other)		Fertilizer P (lb P2O5/acre)					0
P INDEX APPLICATION METHOD OF FERTILIZER P APPLIED REGARDLESS OF MANURE ³	0.2 Placed or injected 2" or more deep	0.4 Incorporated <1 week following application	0.6 Incorporated > 1 week or not incorporated following application in April - October	0.8 Incorporated >1 week or not incorporated following application in Nov. - March	1.0 Surface applied to frozen or snow covered soil		-
SUPPLEMENTAL P FERTILIZER		Fertilizer P (lb P2O5/acre)					0
P INDEX APPLICATION METHOD OF SUPPLEMENTAL P FERTILIZER ³	0.2 Placed or injected 2" or more deep	0.4 Incorporated <1 week following application	0.6 Incorporated > 1 week or not incorporated following application in April - October	0.8 Incorporated >1 week or not incorporated following application in Nov. - March	1.0 Surface applied to frozen or snow covered soil		-
Fertilizer Rating = Fertilizer Rate x Fertilizer Application Method							0
MANURE P RATE		Manure P (lb P2O5/acre)					30
MANURE APPLICATION METHOD ³	0.2 Placed or injected 2" or more deep	0.4 Incorporated <1 week following application	0.6 Incorporated > 1 week or not incorporated following application in April - October	0.8 Incorporated >1 week or not incorporated following application in Nov. - March	1.0 Surface applied to frozen or snow covered soil		0.6
P SOURCE COEFFICIENT ³	Refer to: Test results for P Source Coefficient OR Book values from P Index Fact Sheet Table 1						0.8
Manure Rating = Manure Rate x Manure Application Method x P Source Coefficient							14
Source Factor Sum							45
PART B: TRANSPORT FACTORS		Soil Loss (ton/acre/yr)					0.234
EROSION							
RUNOFF POTENTIAL	0 <i>Drainage Class is Excessively</i>	2 <i>Drainage Class is Somewhat Excessively</i>	4 <i>Drainage Class is Well/Moderately Well</i>	6 <i>Drainage Class is Somewhat Poorly</i>	8 <i>Drainage Class is Poorly/Very Poorly</i>		2
SUBSURFACE DRAINAGE	0 None		1 Random		2 ¹ Patterned		0
CONTRIBUTING DISTANCE	0 > 500 ft.	2 350 to 500 ft.	4 200 to 349 ft.	6 100 to 199 ft. OR < 100 ft. with 35 ft. buffer	9 ² < 100 ft.		0
Transport Sum = Erosion + Runoff Potential + Subsurface Drainage + Contributing Distance							2
MODIFIED CONNECTIVITY	0.85 50 ft. Riparian Buffer APPLIES TO DIST < 100 FT		1.0 Grassed Waterway or None	1.1 Direct Connection APPLIES TO DIST > 100 FT			1.0
Transport Sum x Modified Connectivity / 24							0.09
P Index Value = 2 x Source x Transport							8
Low: 59 or less Nitrogen based management		Medium: 60 to 79 Nitrogen based management		High: 80 to 99 Phosphorus limited to crop removal		Very High: 100 or greater No Phosphorus applied	

1 OR rapidly permeable soil near a stream

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

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

Appendix 5 - P Index

Crop Yrs. 2019

PART A: SCREENING TOOL CMU/Field ID	ASPB2	ASP2
Is the CMU in a Special Protection watershed?	No	No
A significant farm management change as defined by Act 38?	Yes	Yes
Soil Test Mehlich 3 P greater than 200 ppm P?	155	122
Contributing Distance from CMU to receiving water <150 ft.?	No	No
Is winter manure application planned for this field ?	No	No
Run P Index Part B voluntarily? (No to all Part A questions.)	No	No
PART B: SOURCE FACTORS: Mehlich 3 Soil Test P (ppm P)	155	122
Soil Test Rating = 0.20* Mehlich 3 Soil Test P (ppm P)	31	24
FERTILIZER P APPLIED REGARDLESS OF MANURE (Starter or other)	0	0, 0
P INDEX APPLICATION METHOD OF FERTILIZER P APPLIED REGARDLESS OF MANURE ³	-	-, -
SUPPLEMENTAL P FERTILIZER	0	0, 0
P INDEX APPLICATION METHOD OF SUPPLEMENTAL P FERTILIZER ³	-	-, -
Fertilizer Rating = Fertilizer Rate x Fertilizer Application Method	0	0
MANURE P RATE	30	20, 4
MANURE APPLICATION METHOD ³	0.6	0.6, 0.6
P SOURCE COEFFICIENT ³	0.8	0.8, 0.8
Manure Rating = Manure Rate x Manure Application Method	14	12
Source Factor Sum	45	36
PART B: TRANSPORT FACTORS		
EROSION	0.234	0.15
RUNOFF POTENTIAL	2	2
SUBSURFACE DRAINAGE	0	0
CONTRIBUTING DISTANCE	2	0
Transport Sum = Erosion + Runoff Potential + Subsurface	4	2
MODIFIED CONNECTIVITY	1.0	1.0
Transport Sum x Modified Connectivity / 24	0.18	0.09
P Index Value = 2 x Source x Transport	16	7

Low: 59 or less
Nitrogen based management

1 OR rapidly permeable soil near a stream

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

3 Error Note: if there is a manure or fertilizer rate and there is no corresponding

Appendix 5 - P Index

Crop Yrs. 2020

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PART A: SCREENING TOOL CMU/Field ID		PART A: SCREENING TOOL				CMU/Field ID	ASPB1
Is the CMU in a Special Protection watershed?		Is the CMU in a Special Protection watershed?					No
A significant farm management change as defined by Act 38?		Is there a significant farm management change as defined by Act 38?				If the answer is Yes to any of these questions, Part B must be used.	Yes
Soil Test Mehlich 3 P greater than 200 ppm P?		Is the Soil Test Mehlich 3 P greater than 200 ppm P? (enter soil test value in ppm P)					155
Contributing Distance from CMU to receiving water <150 ft.?		Is the Contributing Distance from this CMU to receiving water less than 150 ft.?					No
Is winter manure application planned for this field ?		Is winter manure application planned for this field ?					No
Run P Index Part B voluntarily? (No to all Part A questions.)		Run P Index Part B voluntarily? (Answers are No to all Part A questions.)					No
PART B: SOURCE FACTORS: Mehlich 3 Soil Test P (ppm P)		Mehlich 3 Soil Test P (ppm P)					155
Soil Test Rating = 0.20* Mehlich 3 Soil Test P (ppm P)							31
FERTILIZER P APPLIED REGARDLESS OF MANURE (Starter or other)		Fertilizer P (lb P2O5/acre)					0
P INDEX APPLICATION METHOD OF FERTILIZER P APPLIED REGARDLESS OF MANURE ³	0.2 Placed or injected 2" or more deep	0.4 Incorporated <1 week following application	0.6 Incorporated > 1 week or not incorporated following application in April - October	0.8 Incorporated >1 week or not incorporated following application in Nov. - March	1.0 Surface applied to frozen or snow covered soil		-
SUPPLEMENTAL P FERTILIZER		Fertilizer P (lb P2O5/acre)					0
P INDEX APPLICATION METHOD OF SUPPLEMENTAL P FERTILIZER ³	0.2 Placed or injected 2" or more deep	0.4 Incorporated <1 week following application	0.6 Incorporated > 1 week or not incorporated following application in April - October	0.8 Incorporated >1 week or not incorporated following application in Nov. - March	1.0 Surface applied to frozen or snow covered soil		-
Fertilizer Rating = Fertilizer Rate x Fertilizer Application Method							0
MANURE P RATE		Manure P (lb P2O5/acre)					30
MANURE APPLICATION METHOD ³	0.2 Placed or injected 2" or more deep	0.4 Incorporated <1 week following application	0.6 Incorporated > 1 week or not incorporated following application in April - October	0.8 Incorporated >1 week or not incorporated following application in Nov. - March	1.0 Surface applied to frozen or snow covered soil		0.6
P SOURCE COEFFICIENT ³	Refer to: Test results for P Source Coefficient OR Book values from P Index Fact Sheet Table 1						0.8
Manure Rating = Manure Rate x Manure Application Method x P Source Coefficient							14
Source Factor Sum							45
PART B: TRANSPORT FACTORS							
EROSION	Soil Loss (ton/acre/yr)						0.234
RUNOFF POTENTIAL	0 <i>Drainage Class is Excessively</i>	2 <i>Drainage Class is Somewhat Excessively</i>	4 <i>Drainage Class is Well/Moderately Well</i>	6 <i>Drainage Class is Somewhat Poorly</i>	8 <i>Drainage Class is Poorly/Very Poorly</i>		2
SUBSURFACE DRAINAGE	0 None		1 Random		2 ¹ Patterned		0
CONTRIBUTING DISTANCE	0 > 500 ft.	2 350 to 500 ft.	4 200 to 349 ft.	6 100 to 199 ft. OR < 100 ft. with 35 ft. buffer	9 ² < 100 ft.		0
Transport Sum = Erosion + Runoff Potential + Subsurface Drainage + Contributing Distance							2
MODIFIED CONNECTIVITY	0.85 50 ft. Riparian Buffer APPLIES TO DIST < 100 FT		1.0 Grassed Waterway or None	1.1 Direct Connection APPLIES TO DIST > 100 FT			1.0
Transport Sum x Modified Connectivity / 24							0.09
P Index Value = 2 x Source x Transport							8

Low: 59 or less
Nitrogen based management

Medium: 60 to 79
Nitrogen based management

High: 80 to 99
Phosphorus limited to crop removal

Very High: 100 or greater
No Phosphorus applied

1 OR rapidly permeable soil near a stream

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

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

Appendix 5 - P Index

Crop Yrs. 2020

PART A: SCREENING TOOL CMU/Field ID	ASPB2	ASP2
Is the CMU in a Special Protection watershed?	No	No
A significant farm management change as defined by Act 38?	Yes	Yes
Soil Test Mehlich 3 P greater than 200 ppm P?	155	122
Contributing Distance from CMU to receiving water <150 ft.?	No	No
Is winter manure application planned for this field ?	No	No
Run P Index Part B voluntarily? (No to all Part A questions.)	No	No
PART B: SOURCE FACTORS: Mehlich 3 Soil Test P (ppm P)	155	122
Soil Test Rating = 0.20* Mehlich 3 Soil Test P (ppm P)	31	24
FERTILIZER P APPLIED REGARDLESS OF MANURE (Starter or other)	0	0, 0
P INDEX APPLICATION METHOD OF FERTILIZER P APPLIED REGARDLESS OF MANURE ³	-	-, -
SUPPLEMENTAL P FERTILIZER	0	0, 0
P INDEX APPLICATION METHOD OF SUPPLEMENTAL P FERTILIZER ³	-	-, -
Fertilizer Rating = Fertilizer Rate x Fertilizer Application Method	0	0
MANURE P RATE	30	20, 4
MANURE APPLICATION METHOD ³	0.6	0.6, 0.6
P SOURCE COEFFICIENT ³	0.8	0.8, 0.8
Manure Rating = Manure Rate x Manure Application Method	14	12
Source Factor Sum	45	36
PART B: TRANSPORT FACTORS		
EROSION	0.234	0.15
RUNOFF POTENTIAL	2	2
SUBSURFACE DRAINAGE	0	0
CONTRIBUTING DISTANCE	2	0
Transport Sum = Erosion + Runoff Potential + Subsurface	4	2
MODIFIED CONNECTIVITY	1.0	1.0
Transport Sum x Modified Connectivity / 24	0.18	0.09
P Index Value = 2 x Source x Transport	16	7

Low: 59 or less
Nitrogen based management

¹ OR rapidly permeable soil near a stream

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

³ Error Note: if there is a manure or fertilizer rate and there is no corresponding

Appendix 5 - P Index

Crop Yrs. 2021

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PART A: SCREENING TOOL CMU/Field ID		PART A: SCREENING TOOL				CMU/Field ID	ASPB1
Is the CMU in a Special Protection watershed?		Is the CMU in a Special Protection watershed?					No
A significant farm management change as defined by Act 38?		Is there a significant farm management change as defined by Act 38?				If the answer is Yes to <u>any</u> of these questions, Part B must be used.	Yes
Soil Test Mehlich 3 P greater than 200 ppm P?		Is the Soil Test Mehlich 3 P greater than 200 ppm P? (enter soil test value in ppm P)					155
Contributing Distance from CMU to receiving water <150 ft.?		Is the Contributing Distance from this CMU to receiving water less than 150 ft.?					No
Is winter manure application planned for this field ?		Is winter manure application planned for this field ?					No
Run P Index Part B voluntarily? (No to all Part A questions.)		Run P Index Part B voluntarily? (Answers are No to all Part A questions.)					No
PART B: SOURCE FACTORS: Mehlich 3 Soil Test P (ppm P)		Mehlich 3 Soil Test P (ppm P)					155
Soil Test Rating = 0.20* Mehlich 3 Soil Test P (ppm P)							31
FERTILIZER P APPLIED REGARDLESS OF MANURE (Starter or other)		Fertilizer P (lb P2O5/acre)					0
P INDEX APPLICATION METHOD OF FERTILIZER P APPLIED REGARDLESS OF MANURE ³	0.2 Placed or injected 2" or more deep	0.4 Incorporated <1 week following application	0.6 Incorporated > 1 week or not incorporated following application in April - October	0.8 Incorporated >1 week or not incorporated following application in Nov. - March	1.0 Surface applied to frozen or snow covered soil		-
SUPPLEMENTAL P FERTILIZER		Fertilizer P (lb P2O5/acre)					0
P INDEX APPLICATION METHOD OF SUPPLEMENTAL P FERTILIZER ³	0.2 Placed or injected 2" or more deep	0.4 Incorporated <1 week following application	0.6 Incorporated > 1 week or not incorporated following application in April - October	0.8 Incorporated >1 week or not incorporated following application in Nov. - March	1.0 Surface applied to frozen or snow covered soil		-
Fertilizer Rating = Fertilizer Rate x Fertilizer Application Method							0
MANURE P RATE		Manure P (lb P2O5/acre)					30
MANURE APPLICATION METHOD ³	0.2 Placed or injected 2" or more deep	0.4 Incorporated <1 week following application	0.6 Incorporated > 1 week or not incorporated following application in April - October	0.8 Incorporated >1 week or not incorporated following application in Nov. - March	1.0 Surface applied to frozen or snow covered soil		0.6
P SOURCE COEFFICIENT ³	Refer to: Test results for P Source Coefficient OR Book values from P Index Fact Sheet Table 1						0.8
Manure Rating = Manure Rate x Manure Application Method x P Source Coefficient							14
Source Factor Sum							45
PART B: TRANSPORT FACTORS		Soil Loss (ton/acre/yr)					0.234
EROSION							
RUNOFF POTENTIAL	0 <i>Drainage Class is Excessively</i>	2 <i>Drainage Class is Somewhat Excessively</i>	4 <i>Drainage Class is Well/Moderately Well</i>	6 <i>Drainage Class is Somewhat Poorly</i>	8 <i>Drainage Class is Poorly/Very Poorly</i>		2
SUBSURFACE DRAINAGE	0 None		1 Random		2 ¹ Patterned		0
CONTRIBUTING DISTANCE	0 > 500 ft.	2 350 to 500 ft.	4 200 to 349 ft.	6 100 to 199 ft. OR < 100 ft. with 35 ft. buffer	9 ² < 100 ft.		0
Transport Sum = Erosion + Runoff Potential + Subsurface Drainage + Contributing Distance							2
MODIFIED CONNECTIVITY	0.85 50 ft. Riparian Buffer APPLIES TO DIST < 100 FT		1.0 Grassed Waterway or None	1.1 Direct Connection APPLIES TO DIST > 100 FT			1.0
Transport Sum x Modified Connectivity / 24							0.09
P Index Value = 2 x Source x Transport							8
Low: 59 or less Nitrogen based management		Medium: 60 to 79 Nitrogen based management		High: 80 to 99 Phosphorus limited to crop removal		Very High: 100 or greater No Phosphorus applied	

1 OR rapidly permeable soil near a stream

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

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

Appendix 5 - P Index

Crop Yrs. 2021

PART A: SCREENING TOOL CMU/Field ID	ASPB2	ASP2
Is the CMU in a Special Protection watershed?	No	No
A significant farm management change as defined by Act 38?	Yes	Yes
Soil Test Mehlich 3 P greater than 200 ppm P?	155	122
Contributing Distance from CMU to receiving water <150 ft.?	No	No
Is winter manure application planned for this field ?	No	No
Run P Index Part B voluntarily? (No to all Part A questions.)	No	No
PART B: SOURCE FACTORS: Mehlich 3 Soil Test P (ppm P)	155	122
Soil Test Rating = 0.20* Mehlich 3 Soil Test P (ppm P)	31	24
FERTILIZER P APPLIED REGARDLESS OF MANURE (Starter or other)	0	0, 0
P INDEX APPLICATION METHOD OF FERTILIZER P APPLIED REGARDLESS OF MANURE ³	-	-, -
SUPPLEMENTAL P FERTILIZER	0	0, 0
P INDEX APPLICATION METHOD OF SUPPLEMENTAL P FERTILIZER ³	-	-, -
Fertilizer Rating = Fertilizer Rate x Fertilizer Application Method	0	0
MANURE P RATE	30	20, 4
MANURE APPLICATION METHOD ³	0.6	0.6, 0.6
P SOURCE COEFFICIENT ³	0.8	0.8, 0.8
Manure Rating = Manure Rate x Manure Application Method	14	12
Source Factor Sum	45	36
PART B: TRANSPORT FACTORS		
EROSION	0.234	0.15
RUNOFF POTENTIAL	2	2
SUBSURFACE DRAINAGE	0	0
CONTRIBUTING DISTANCE	2	0
Transport Sum = Erosion + Runoff Potential + Subsurface	4	2
MODIFIED CONNECTIVITY	1.0	1.0
Transport Sum x Modified Connectivity / 24	0.18	0.09
P Index Value = 2 x Source x Transport	16	7

Low: 59 or less
Nitrogen based management

¹ OR rapidly permeable soil near a stream

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

³ Error Note: if there is a manure or fertilizer rate and there is no corresponding

Appendix 6

Manure Management

Date of Site Evaluation: May 21, 2018

Statement Documenting Areas Evaluated During Site Evaluation

List and clearly identify each of the specific areas evaluated.

The following areas were evaluated: location of proposed poultry barns, proposed poultry and horse pasture, farmstead

Identification of Inadequate Manure Management Practices and Conditions

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

A structure will be needed to properly dispose of poultry mortalities. The proposed poultry and horse pasture areas will need to be seeded to establish vegetation.

BMPs to Address Manure Management Problem Areas

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

A roofed or covered concrete bin mortality composter (316) will be used to compost poultry mortalities. It is anticipated that this structure will be built east of the poultry barns. The proposed poultry pasture areas, field ASPB1 and ASPB2, will be seeded with vegetation (512) per the integrator's recommendations. The proposed horse pasture area, field ASP2, will also be seeded with vegetation (512). The pasture areas will be managed to maintain vegetation.

Appendix 7 Stormwater Control

Date of Site Evaluation: May 21, 2018

Statement Documenting Areas Evaluated During Site Evaluation

List and clearly identify each of the specific areas evaluated.

The following areas were evaluated: location of proposed poultry and horse pastures, location of proposed poultry barns.

Identification of Critical Runoff Problem Areas

List of each specific critical runoff problem area identified.

Practices will be needed to control stormwater from impacting the proposed poultry barns.

BMPs to Address Critical Runoff Problem Areas

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

Critical area planting (342) will be used to seed areas disturbed by construction activities. Vegetated swales (412) will be constructed upslope of the proposed poultry barns to capture surface water and convey it away from the structures. Surface water inlets (587) and underground outlet pipes (620) will be installed at the swales to collect stormwater and convey it to the proposed stormwater basin. The swales will outlet into a stormwater basin (638) south of the poultry barns. Roof runoff water from the poultry barns will also be collected by the swales. Rock lined outlets (468) will be installed at swale, underground outlet pipe and basin outlet locations.

Appendix 8
Importer/Broker Agreements & NBSs

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

Exporter/Importer Agreement

Manure Used For Agricultural Land Application

Developed consistent with the PA Nutrient and Odor Management Act Program

- 1) This agreement is entered into on May 21, 2018, by Aaron Smucker (the “exporter”) who will supply manure, and Pontius Farms – Jeff Pontius (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): Northumberland County, Rockefeller Township
286 Airport Road, Sunbury, PA 17801
- 4) The exporter will, as the supply of manure allows, provide the following amounts of manure during the seasons outlined below:

Tons of Poultry manure, per season:

Spring up to 1,271 tons or Summer 0 tons or Fall up to 1,271 tons or Winter 0 tons

Gallons of N/A manure, per season:

Spring 0 gallons or Summer 0 gallons or Fall 0 gallons or Winter 0 gallons

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

Tons of Poultry manure: up to a total of 1,271 tons per year

Gallons of N/A manure: 0 gallons

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 (maps indicating the location of importing fields must be attached to the supporting Nutrient Balance Sheets if manure is to be land applied at the importing site):
 - a) **Phone number:** 570-286-5696
 - b) **County(s):** Northumberland
 - c) **Address:** P.O. Box 429 Sunbury, PA 17801
 - d) **Township(s):** Rockefeller & Upper Augusta
 - d) **Owner(s) of the property receiving manure:** Jeff Pontius, Gladys Comfort
 - e) **Total cropland acres managed by the importer:** 1,600 acres
 - f) **Number and type of animals raised by the importer:** None
 - g) **Number of acres available for this imported manure:** 423.6 acres
 - h) **Other manures (type, amount) imported to the site AND/OR utilized on the site:** (Note- this would include manure that is generated on the site by the importers animals, etc.) None
 - **If other manure is generated, imported and/or utilized, is it applied to the same acres as indicated in item “g” above (relating to “acres available”):** N/A
 - **If other manure is generated, imported and/or utilized, is it applied during the same season as the imported manure:** N/A

- 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 contain 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) When the exporter (or someone working for, or contracted by the exporter) applies the exported manure, the exporter shall maintain the following exported manure records:
 - Application dates, areas, rates and methods
 - c) Records shall be maintained by the exporter for a minimum of 3 years
 - d) A manure export informational packet (as supplied by the conservation district or State Conservation Commission) shall be provided to the importer by the time of the manure export. This information only needs to be provided once to the importer.

The manure export informational packet must include the following:

 - i. Exported Manure Informational Packet Guidance Sheet
 - ii. Nutrient Management Planning an Overview (Agronomy Facts 60)
 - iii. Manure Management for Environmental Protection
 - iv. Land Application of Manure- A supplement to the Manure Management Manual Plan Guidance
 - v. Manure Export Sheet
 - vi. Manure Transfer Summary Sheets
 - vii. Manure Field Stacking Requirements Fact Sheet
- 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 > 120 days unless covered or otherwise protected .
- 9) Manure received by the importer shall be applied to the land at the rate(s) and method(s) provided in the attached “Nutrient Balance Sheet(s)”, or in accordance with a Nutrient Management Plan approved for the importing operation. If the importer wishes to change the lands used for imported manure, the nutrient balance sheet must be revised to reflect the changes and be submitted to the conservation district or State Conservation Commission (and DEP if the exporter is a CAFO) prior to implementing the changes.
- 10) The importer shall comply with applicable manure application setbacks for the imported manure, as outlined in the Nutrient Balance Sheet map(s).
- 11) For any lands not owned by the importer where the manure will be applied (i.e., rented lands), the importer hereby confirms that the importer has the authority to apply manure on those lands.

12) This agreement shall remain in full effect unless terminated by either party upon thirty days prior written notice to the other party. If this agreement is terminated, the exporter shall notify the county conservation district office that approved their nutrient management plan, of the termination.

Exporter Signature, Name and Date

Aaron J Smucker (signature)
Aaron J Smucker (name)
5-21-18 (date)

Importer Signature, Name and Date

Jeff P Dantlo's (signature)
JEFF P DANTLO'S (name)
5-21-18 (date)

Nutrient Balance Sheet

Prepared for

Pontius Farms - Jeff Pontius
P.O. Box 429, Sunbury, PA 17801
570-286-5696

Prepared by

Todd C. Rush
#988-NMC
120 Lake Street, Ephrata PA 17522
570-764-7003



A handwritten signature in black ink, appearing to read "Todd C. Rush", is written over a horizontal line.

Nutrient Management Specialist or Broker 2 Signature

Date of Development

June 11, 2018

Exporter Information

Aaron Smucker
Farm Address: 286 Airport Road, Sunbury, PA 17801

County of Origin

Northumberland County

Nutrient Balance Worksheet Appendices

The following appendices need to accompany the Nutrient Balance Worksheets if applicable:

- Maps of fields where manure is to applied including required manure application setbacks.
- Completed P-Index spreadsheet and Winter Matrix for each crop management unit (if using Manure Plan Basis: Option 3)

Nutrient Balance Sheet Summary

Importing Farm: Pontius Farms - Jeff Pontius

Whole Farm Note: None

Crop Group	Fields	Acres	Crop	Manure Group	Application Season	Application Management	Planned Manure Rate ¹	Starter/Other Fertilizer (lb/A)			Supplemental Fertilizer (lb/A)			Nutrient Balance (lb/A) ²		
								N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O
Corn Grain N-Balance Spring	GC1 through 11, GC14 through 24, H1 through 32	423.6	Corn for Grain (No-till)	Broiler Poultry Manure	Spring	Spring: Spring or summer utilization-Incorporation after 7 days or none	3 tons/A	16	47	16	114	0	0	0	-164	-103
Corn Grain N-Balance Fall	GC1 through 11, GC14 through 24, H1 through 32	423.6	Corn for Grain (No-till)	Broiler Poultry Manure	Early Fall	Early Fall: Summer utilization with no cover crop: All methods of incorporation	3 tons/A	16	47	16	114	0	0	0	-164	-103
Corn Grain After Soybeans N-Balance Spring	GC1 through 11, GC14 through 24, H1 through 32	423.6	Corn for Grain (No-till)	Broiler Poultry Manure	Spring	Spring: Spring or summer utilization-Incorporation after 7 days or none	3 tons/A	16	47	16	64	0	0	0	-164	-103
Corn Grain After Soybeans N-Balance Fall	GC1 through 11, GC14 through 24, H1 through 32	423.6	Corn for Grain (No-till)	Broiler Poultry Manure	Early Fall	Early Fall: Summer utilization with no cover crop: All methods of incorporation	3 tons/A	16	47	16	64	0	0	0	-164	-103
Soybeans N-Balance Spring	GC1 through 11, GC14 through 24, H1 through 32	423.6	Soybeans with Manure	Broiler Poultry Manure	Spring	Spring: Spring or summer utilization-Incorporation after 7 days or none	3 tons/A	0	0	0	0	0	0	0	-139	-71
Soybeans N-Balance Fall	GC1 through 11, GC14 through 24, H1 through 32	423.6	Soybeans with Manure	Broiler Poultry Manure	Early Fall	Early Fall: Summer utilization with no cover crop: All methods of incorporation	3 tons/A	0	0	0	0	0	0	0	-139	-71
Wheat N-Balance Spring	GC1 through 11, GC14 through 24, H1 through 32	423.6	Wheat	Broiler Poultry Manure	Spring	Spring: Spring or summer utilization-Incorporation after 7 days or none	3 tons/A	0	0	0	63	0	0	0	-89	39
Wheat N-Balance Fall	GC1 through 11, GC14 through 24, H1 through 32	423.6	Wheat	Broiler Poultry Manure	Late Fall	Late Fall: Early Spring Utilization. Small grains and established grass or legume hay	2 tons/A	0	0	0	27	0	0	0	-26	86

¹ See Nutrient Management Plan Summary Notes

² Positive numbers = nutrient deficit; Negative numbers = nutrient excess

NBS Summary Notes

Importing Farm: Pontius Farms - Jeff Pontius

CMU/Field ID	Crop	Manure Group	Planned Rate Notes	Nutrient Balance Notes	Notes
Corn Grain N-Balance Spring	Corn for Grain (No-till)	Broiler Poultry Manure	Planned rate can be applied annually	Nutrient Balances for P2O5 and K2O are based on Crop Removal and SHOULD NOT be used to determine additional fertilizer needs	Do not apply imported poultry manure within 100 feet of water wells or 150 feet of surface water. Imported poultry manure may only be applied at the planned rate per acre once per crop year. Do not apply other manures to the same fields as imported poultry manure in the same crop year.
Corn Grain N-Balance Fall	Corn for Grain (No-till)	Broiler Poultry Manure	Planned rate can be applied annually	Nutrient Balances for P2O5 and K2O are based on Crop Removal and SHOULD NOT be used to determine additional fertilizer needs	Do not apply imported poultry manure within 100 feet of water wells or 150 feet of surface water. Imported poultry manure may only be applied at the planned rate per acre once per crop year. Do not apply other manures to the same fields as imported poultry manure in the same crop year. Fields must have 25% cover from a growing crop, crop residue or cover crop at the time of fall poultry manure application.
Corn Grain After Soybeans N-Balance Spring	Corn for Grain (No-till)	Broiler Poultry Manure	Planned rate can be applied annually	Nutrient Balances for P2O5 and K2O are based on Crop Removal and SHOULD NOT be used to determine additional fertilizer needs	Do not apply imported poultry manure within 100 feet of water wells or 150 feet of surface water. Imported poultry manure may only be applied at the planned rate per acre once per crop year. Do not apply other manures to the same fields as imported poultry manure in the same crop year.
Corn Grain After Soybeans N-Balance Fall	Corn for Grain (No-till)	Broiler Poultry Manure	Planned rate can be applied annually	Nutrient Balances for P2O5 and K2O are based on Crop Removal and SHOULD NOT be used to determine additional fertilizer needs	Do not apply imported poultry manure within 100 feet of water wells or 150 feet of surface water. Imported poultry manure may only be applied at the planned rate per acre once per crop year. Do not apply other manures to the same fields as imported poultry manure in the same crop year. Fields must have 25% cover from a growing crop, crop residue or cover crop at the time of fall poultry manure application.
Soybeans N-Balance Spring	Soybeans with Manure	Broiler Poultry Manure	Planned rate can be applied annually	Nutrient Balances for P2O5 and K2O are based on Crop Removal and SHOULD NOT be used to determine additional fertilizer needs	Do not apply imported poultry manure within 100 feet of water wells or 150 feet of surface water. Imported poultry manure may only be applied at the planned rate per acre once per crop year. Do not apply other manures to the same fields as imported poultry manure in the same crop year.
Soybeans N-Balance Fall	Soybeans with Manure	Broiler Poultry Manure	Planned rate can be applied annually	Nutrient Balances for P2O5 and K2O are based on Crop Removal and SHOULD NOT be used to determine additional fertilizer needs	Do not apply imported poultry manure within 100 feet of water wells or 150 feet of surface water. Imported poultry manure may only be applied at the planned rate per acre once per crop year. Do not apply other manures to the same fields as imported poultry manure in the same crop year. Fields must have 25% cover from a growing crop, crop residue or cover crop at the time of fall poultry manure application.

CMU/Field ID	Crop	Manure Group	Planned Rate Notes	Nutrient Balance Notes	Notes
Wheat N-Balance Spring	Wheat	Broiler Poultry Manure	Planned rate can be applied annually	Nutrient Balances for P2O5 and K2O are based on Crop Removal and SHOULD NOT be used to determine additional fertilizer needs	Do not apply imported poultry manure within 100 feet of water wells or 150 feet of surface water. Imported poultry manure may only be applied at the planned rate per acre once per crop year. Do not apply other manures to the same fields as imported poultry manure in the same crop year.
Wheat N-Balance Fall	Wheat	Broiler Poultry Manure	Planned rate can be applied annually	Nutrient Balances for P2O5 and K2O are based on Crop Removal and SHOULD NOT be used to determine additional fertilizer needs	Do not apply imported poultry manure within 100 feet of water wells or 150 feet of surface water. Imported poultry manure may only be applied at the planned rate per acre once per crop year. Do not apply other manures to the same fields as imported poultry manure in the same crop year. Fields must have 25% cover from a growing crop, crop residue or cover crop at the time of fall poultry manure application.

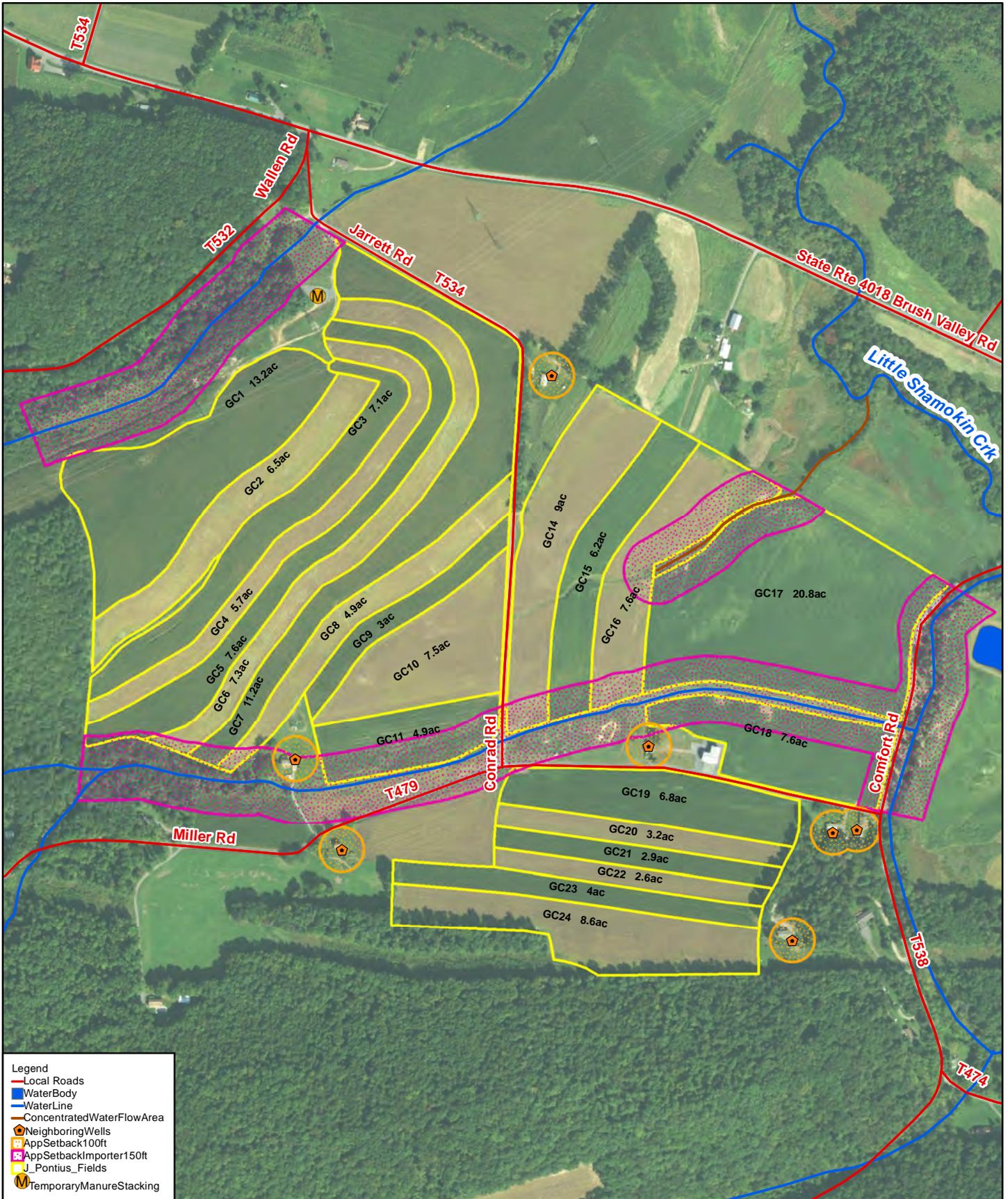
Nutrient Balance Sheets	Corn Grain N-Balance Spring			Corn Grain N-Balance Fall			Corn Grain After Soybeans N-Balance Spring			Corn Grain After Soybeans N-Balance Fall			Soybeans N-Balance Spring			Soybeans N-Balance Fall		
Crop Group Identification	Corn Grain N-Balance Spring			Corn Grain N-Balance Fall			Corn Grain After Soybeans N-Balance Spring			Corn Grain After Soybeans N-Balance Fall			Soybeans N-Balance Spring			Soybeans N-Balance Fall		
Fields	GC1 through 11, GC14 through 24, H1 through 32			GC1 through 11, GC14 through 24, H1 through 32			GC1 through 11, GC14 through 24, H1 through 32			GC1 through 11, GC14 through 24, H1 through 32			GC1 through 11, GC14 through 24, H1 through 32			GC1 through 11, GC14 through 24, H1 through 32		
Acres	423.6			423.6			423.6			423.6			423.6			423.6		
NBS Option	Option 2 Nitrogen Requirement																	
P Banking																		
Mehlich 3 Soil Test P For Option 2 enter maximum Soil Test For Option 3 enter soil test for PI	ppm P																	
	119			119			119			119			119			119		
P Index Part A Evaluation																		
Part A Result	P Index not Required																	
Crop	Corn for Grain (No-till)			Soybeans with Manure			Soybeans with Manure											
Planned Yield	180 bu/A			50 bu/A			50 bu/A											
Crop Removal Recommendations (LB/A)	N	P2O5	K2O															
	180	72	54	180	72	54	180	72	54	180	72	54	160	50	70	160	50	70
Soil Test Recommendation (lb/A)																		
Other Nutrients Applied (lb/A) (Nutrients applied regardless of manure)	16	47	16	16	47	16	16	47	16	16	47	16	0	0	0	0	0	0
P Index Application Method																		
Double Crop CarryOver N (lb/A)	0			0			0			0			0			0		
Manure History Description Residual Manure N (lb/A)	20	Frequently - Summer Crop																
Legume History Description Residual Legume N (lb/A)	0	No Previous Year Legume		0	No Previous Year Legume		50	Soybeans, 50 bu/A		50	Soybeans, 50 bu/A		0	No Previous Year Legume		0	No Previous Year Legume	
Net Nutrients Required (lb/A)	144	25	38	144	25	38	94	25	38	94	25	38	140	50	70	140	50	70
Manure Group	Broiler Poultry Manure																	
Units	lb/ton																	
Manure Nutrient Content (lbs/ton or 1000 gal)	N	P2O5	K2O															
	66.00	63.00	47.00	66.00	63.00	47.00	66.00	63.00	47.00	66.00	63.00	47.00	66.00	63.00	47.00	66.00	63.00	47.00
Application Season: Management (Incorporation, cover crops, etc.)	Spring: Spring or summer utilization- Incorporation after 7 days or none			Early Fall: Summer utilization with no cover crop: All methods of incorporation			Spring: Spring or summer utilization- Incorporation after 7 days or none			Early Fall: Summer utilization with no cover crop: All methods of incorporation			Spring: Spring or summer utilization- Incorporation after 7 days or none			Early Fall: Summer utilization with no cover crop: All methods of incorporation		
Availability Factors (Total N or NH4-N & Organic N)	Total N	NH4-N	Org. N															
	0.15			0.15			0.15			0.15			0.15			0.15		
P Index Application Method																		
N Balanced Manure Rate (ton; gal/A)	15 tons/A			15 tons/A			10 tons/A			10 tons/A			14 tons/A			14 tons/A		
P Removal Balance Manure Rate (ton or gal/A; If required by P Index)	0 tons/A			1 tons/A			1 tons/A											
	Crop P Removal (lb/A) 25.0			Crop P Removal (lb/A) 25.0			Crop P Removal (lb/A) 25.0			Crop P Removal (lb/A) 25.0			Crop P Removal (lb/A) 50.0			Crop P Removal (lb/A) 50.0		
P Index Value																		
Planned Manure Rate (ton or gal/A)	3 tons/A																	
Nutrients Applied at Planned Manure Rate (lb/A)	30	189	141	30	189	141	30	189	141	30	189	141	30	189	141	30	189	141
Nutrient Balance after Manure	114	-164	-103	114	-164	-103	64	-164	-103	64	-164	-103	0	-139	-71	0	-139	-71
Supplemental Fertilizer (lb/A)	114	0	0	114	0	0	64	0	0	64	0	0	0	0	0	0	0	0
P Index Application Method																		
Final Nutrient Balance (lb/A)	0	-164	-103	0	-164	-103	0	-164	-103	0	-164	-103	0	-139	-71	0	-139	-71
Multiple Application																		
Soil test or Crop Removal	Nutrient Balances for P2O5 and K2O are based on Crop Removal and SHOULD NOT be used to determine additional fertilizer needs			Nutrient Balances for P2O5 and K2O are based on Crop Removal and SHOULD NOT be used to determine additional fertilizer needs			Nutrient Balances for P2O5 and K2O are based on Crop Removal and SHOULD NOT be used to determine additional fertilizer needs			Nutrient Balances for P2O5 and K2O are based on Crop Removal and SHOULD NOT be used to determine additional fertilizer needs			Nutrient Balances for P2O5 and K2O are based on Crop Removal and SHOULD NOT be used to determine additional fertilizer needs			Nutrient Balances for P2O5 and K2O are based on Crop Removal and SHOULD NOT be used to determine additional fertilizer needs		

Nutrient Balance Sheets	Wheat N-Balance Spring			Wheat N-Balance Fall		
Crop Group Identification						
Fields	GC1 through 11, GC14 through 24, H1 through 32			GC1 through 11, GC14 through 24, H1 through 32		
Acres	423.6			423.6		
NBS Option	Option 2 Nitrogen Requirement			Option 2 Nitrogen Requirement		
P Banking						
Mehlich 3 Soil Test P	ppm P			ppm P		
For Option 2 enter maximum Soil Test	119			119		
For Option 3 enter soil test for PI						
P Index Part A Evaluation						
Part A Result	P Index not Required			P Index not Required		
Crop	Wheat			Wheat		
Planned Yield	100 bu/A			100 bu/A		
Crop Removal Recommendations (LB/A)	N	P2O5	K2O	N	P2O5	K2O
	100	100	180	100	100	180
Soil Test Recommendation (lb/A)						
Other Nutrients Applied (lb/A) (Nutrients applied regardless of manure)	0	0	0	0	0	0
P Index Application Method						
Double Crop CarryOver N (lb/A)	0			0		
Manure History Description Residual Manure N (lb/A)	7	Frequently - Winter Crop		7	Frequently - Winter Crop	
Legume History Description Residual Legume N (lb/A)	0	No Previous Year Legume		0	No Previous Year Legume	
Net Nutrients Required (lb/A)	93	100	180	93	100	180
Manure Group	Broiler Poultry Manure			Broiler Poultry Manure		
Units	lb/ton			lb/ton		
Manure Nutrient Content (lbs/ton or 1000 gal)	N	P2O5	K2O	N	P2O5	K2O
	66.00	63.00	47.00	66.00	63.00	47.00
Application Season: Management (Incorporation, cover crops, etc.)	Spring: Spring or summer utilization- Incorporation after 7 days or none			Late Fall: Early Spring Utilization. Small grains and established grass or legume hay		
Availability Factors (Total N or NH4-N & Organic N)	Total N	NH4-N	Org. N	Total N	NH4-N	Org. N
	0.15			0.50		
P Index Application Method						
N Balanced Manure Rate (ton; gal/A)	9 tons/A			3 tons/A		
P Removal Balance Manure Rate (ton or gal/A; If required by P Index)	2 tons/A			2 tons/A		
	Crop P Removal (lb/A) 100.0			Crop P Removal (lb/A) 100.0		
P Index Value						
Planned Manure Rate (ton or gal/A)	3 tons/A			2 tons/A		
Nutrients Applied at Planned Manure Rate (lb/A)	30	189	141	66	126	94
Nutrient Balance after Manure	63	-89	39	27	-26	86
Supplemental Fertilizer (lb/A)	63	0	0	27	0	0
P Index Application Method						
Final Nutrient Balance (lb/A)	0	-89	39	0	-26	86
Multiple Application						
Soil test or Crop Removal	Nutrient Balances for P2O5 and K2O are based on Crop Removal and SHOULD NOT be used to determine additional fertilizer needs			Nutrient Balances for P2O5 and K2O are based on Crop Removal and SHOULD NOT be used to determine additional fertilizer needs		

Operation Maps

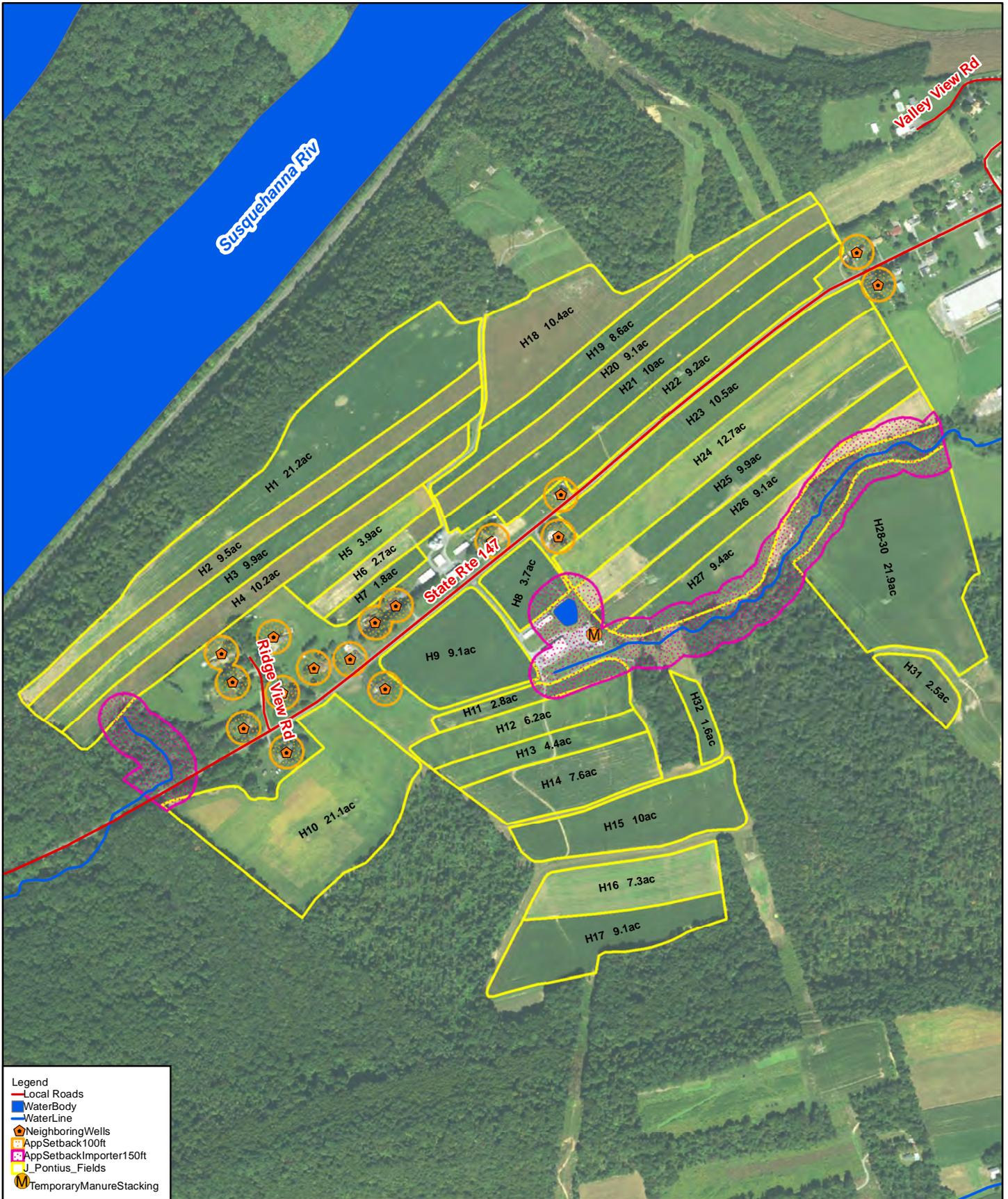
Maps (or aerial photographs) required in Nutrient Balance Sheets must identify: road and road names adjacent to and within the operation; field identification, boundaries and acreage; manure application setback areas and vegetated buffers and associated landscape features (streams and other water bodies, sinkholes, and active water wells or springs); and location of in-field manure stacking areas (including each site in stacking area rotation).

Pontius Farms NBS Map Fields GC1 - GC11 & GC14 - GC24

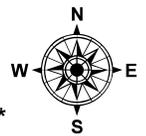
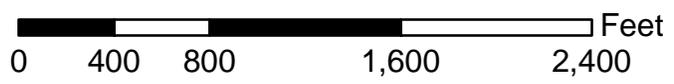


****Field verification of application setbacks and buffers is required prior to land application of manure.****

Pontius Farms NBS Map Fields H1 - H32



- Legend**
- Local Roads
 - WaterBody
 - WaterLine
 - NeighboringWells
 - AppSetback100ft
 - AppSetbackImporter150ft
 - J_Pontius_Fields
 - TemporaryManureStacking



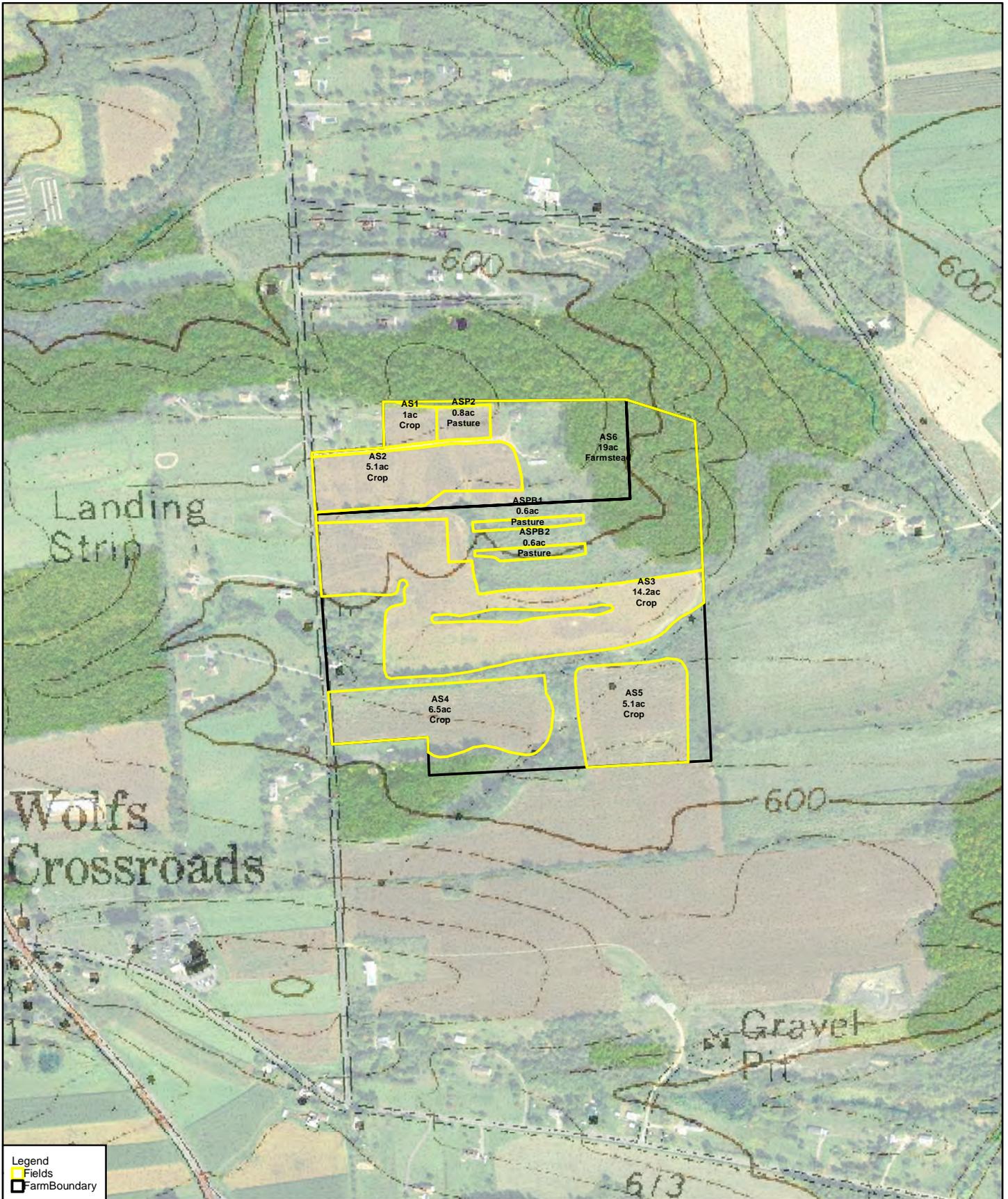
****Field verification of application setbacks and buffers is required prior to land application of manure.****

Appendix 9

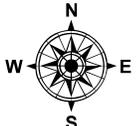
Operation Maps

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.

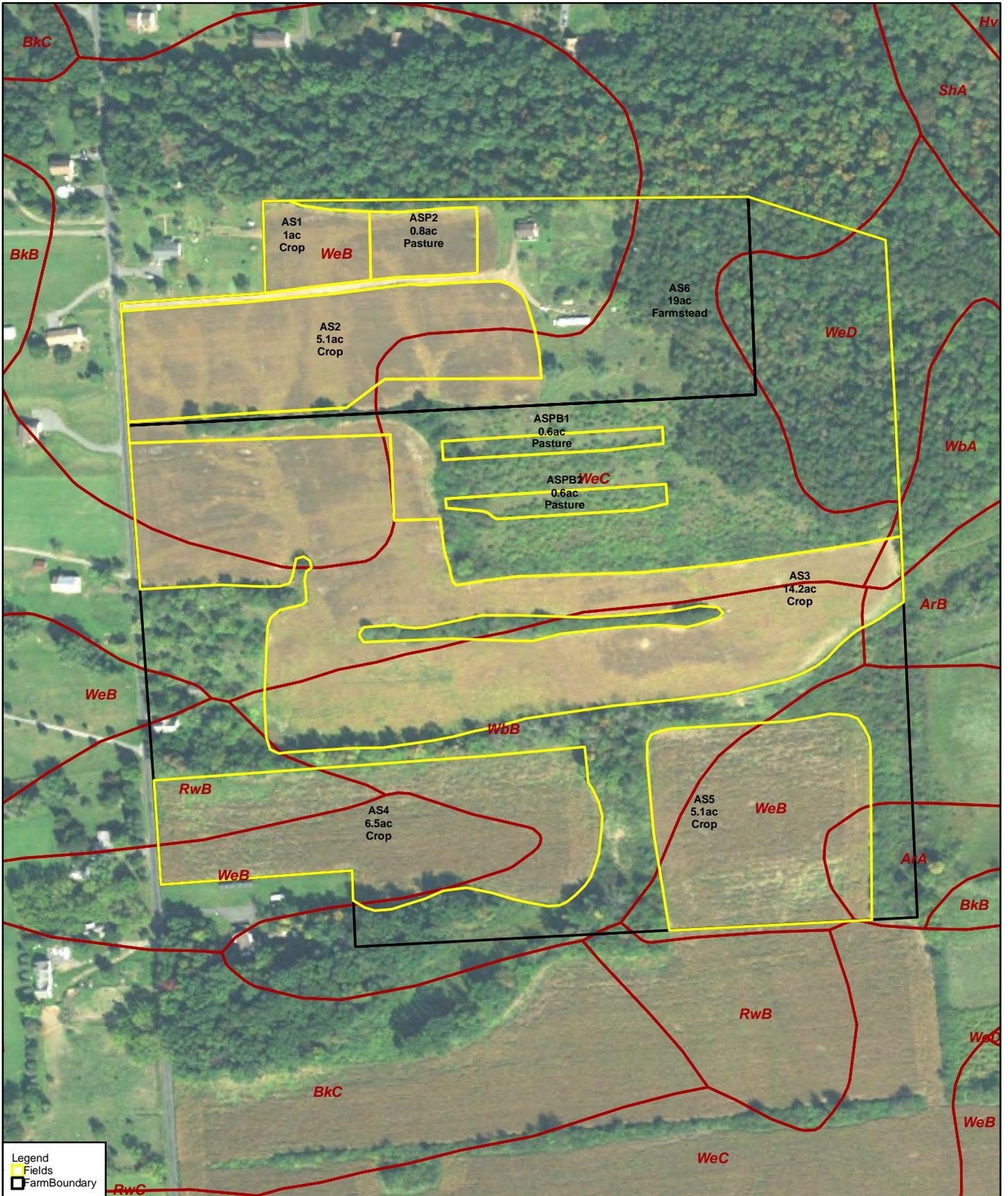
Aaron Smucker Topographic Map



Legend
Fields
FarmBoundary



Aaron Smucker Soils Map



Legend
 Fields
 FarmBoundary



Northumberland County Soils Legend

AbB	ALBRIGHTS SILT LOAM, 3 TO 8 PERCENT SLOPES	Hv	HOLLY SILT LOAM
AnA	ALLENWOOD GRAVELLY SILT LOAM, 0 TO 3 PERCENT SLOPES	Hy	HOLLY SILT LOAM, PONDED
AnD	ALLENWOOD GRAVELLY SILT LOAM, 15 TO 25 PERCENT SLOPES	HZ	HOLLY SILT LOAM, RARELY FLOODED
AoB	ALLENWOOD AND WASHINGTON SOILS, 3 TO 8 PERCENT SLOPES	KmB	KREAMER CHERTY SILT LOAM, 3 TO 8 PERCENT SLOPES
AoC	ALLENWOOD AND WASHINGTON SOILS, 8 TO 15 PERCENT SLOPES	KmC	KREAMER CHERTY SILT LOAM, 8 TO 15 PERCENT SLOPES
ArA	ALVIRA SILT LOAM, 0 TO 3 PERCENT SLOPES	LaB	L Aidig GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES
ArB	ALVIRA SILT LOAM, 3 TO 8 PERCENT SLOPES	LaC	L Aidig GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES
ArC	ALVIRA SILT LOAM, 8 TO 15 PERCENT SLOPES	LbB	L Aidig EXTREMELY STONY LOAM, 0 TO 8 PERCENT SLOPES
AsB	ALVIRA VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	LdD	L Aidig AND MECKESVILLE EXTREMELY STONY SOILS, 8 TO 25 PERCENT SLOPES
Ba	BARBOUR SOILS, FREQUENTLY FLOODED	LdF	L Aidig AND MECKESVILLE EXTREMELY STONY SOILS, STEEP
Bb	BARBOUR-LINDEN COMPLEX, RARELY FLOODED	LkB	LAKIN LOAMY FINE SAND, 3 TO 8 PERCENT SLOPES
Bc	BASHER SOILS	LkC	LAKIN LOAMY FINE SAND, 8 TO 15 PERCENT SLOPES
Bd	BASHER SOILS, FREQUENTLY FLOODED	LnB	LECK KILL SHALY SILT LOAM, 3 TO 8 PERCENT SLOPES
BeB	BEDINGTON SILT LOAM, 3 TO 8 PERCENT SLOPES	LnC	LECK KILL SHALY SILT LOAM, 8 TO 15 PERCENT SLOPES
BeC	BEDINGTON SILT LOAM, 8 TO 15 PERCENT SLOPES	LnD	LECK KILL SHALY SILT LOAM, 15 TO 25 PERCENT SLOPES
BeD	BEDINGTON SILT LOAM, 15 TO 25 PERCENT SLOPES	Lw	LINDEN SILT LOAM
BkB	BERKS SHALY SILT LOAM, 3 TO 8 PERCENT SLOPES	MkB	MECKESVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES
BkC	BERKS SHALY SILT LOAM, 8 TO 15 PERCENT SLOPES	MkC	MECKESVILLE SILT LOAM, 8 TO 15 PERCENT SLOPES
BkD	BERKS SHALY SILT LOAM, 15 TO 25 PERCENT SLOPES	MkD	MECKESVILLE SILT LOAM, 15 TO 25 PERCENT SLOPES
BuB	BUCHANAN GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	MoA	MONONGAHELA SILT LOAM, 0 TO 3 PERCENT SLOPES
BuC	BUCHANAN GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES	MoB	MONONGAHELA SILT LOAM, 3 TO 8 PERCENT SLOPES
BxB	BUCHANAN VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	OpB	OPEQUON SILTY CLAY LOAM, 3 TO 8 PERCENT SLOPES
BxD	BUCHANAN VERY STONY LOAM, 8 TO 25 PERCENT SLOPES	OpD	OPEQUON SILTY CLAY LOAM, 8 TO 25 PERCENT SLOPES
CaB	CALVIN-KLINESVILLE SHALY SILT LOAMS, 3 TO 8 PERCENT SLOPES	OpE	OPEQUON SILTY CLAY LOAM, 25 TO 50 PERCENT SLOPES
CaC	CALVIN-KLINESVILLE SHALY SILT LOAMS, 8 TO 15 PERCENT SLOPES	Pa	PITS
CaD	CALVIN-KLINESVILLE SHALY SILT LOAMS, 15 TO 25 PERCENT SLOPES	Qu	QUARRIES
DAM	DAMS	RwB	RUSHTOWN VERY SHALY SILT LOAM, 3 TO 8 PERCENT SLOPES
DeB	DEKALB EXTREMELY STONY SANDY LOAM, 0 TO 8 PERCENT SLOPES	RwC	RUSHTOWN VERY SHALY SILT LOAM, 8 TO 25 PERCENT SLOPES
DeD	DEKALB EXTREMELY STONY SANDY LOAM, 8 TO 25 PERCENT SLOPES	ShA	SHELMADINE SILT LOAM, 0 TO 3 PERCENT SLOPES
DeF	DEKALB EXTREMELY STONY SANDY LOAM, STEEP	ShB	SHELMADINE SILT LOAM, 3 TO 8 PERCENT SLOPES
Du	DUMPS, MINE	SmB	SHELMADINE VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES
Dy	DYSTROCHREPTS, BOULDERY	Uf	UDIFLUVENTS, COAL OVERWASH
EdB	EDOM COMPLEX, 3 TO 8 PERCENT SLOPES	Ug	UDIFLUVENTS AND FLUVAQUENTS, GRAVELLY
EdC	EDOM COMPLEX, 8 TO 15 PERCENT SLOPES	Uh	UDORTHENTS, SANDSTONE AND SHALE
EdD	EDOM COMPLEX, 15 TO 25 PERCENT SLOPES	UnB	UNADILLA SILT LOAM, 3 TO 8 PERCENT SLOPES
EsB	ELLIBER CHERTY SILT LOAM, 3 TO 8 PERCENT SLOPES	UnC	UNADILLA SILT LOAM, 8 TO 15 PERCENT SLOPES
EsC	ELLIBER CHERTY SILT LOAM, 8 TO 15 PERCENT SLOPES	UnD	UNADILLA SILT LOAM, 15 TO 25 PERCENT SLOPES
EsD	ELLIBER CHERTY SILT LOAM, 15 TO 25 PERCENT SLOPES	Ur	URBAN LAND
EtB	ELLIBER VERY CHERTY SILT LOAM, 3 TO 8 PERCENT SLOPES	W	WATER
EtC	ELLIBER VERY CHERTY SILT LOAM, 8 TO 15 PERCENT SLOPES	WaB	WASHINGTON SILT LOAM, WET SUBSTRATUM, 3 TO 8 PERCENT SLOPES
EtD	ELLIBER VERY CHERTY SILT LOAM, 15 TO 25 PERCENT SLOPES	WbA	WATSON SILT LOAM, 0 TO 3 PERCENT SLOPES
EtF	ELLIBER VERY CHERTY SILT LOAM, 25 TO 70 PERCENT SLOPES	WbB	WATSON SILT LOAM, 3 TO 8 PERCENT SLOPES
EvB	EVENDALE CHERTY SILT LOAM, 3 TO 8 PERCENT SLOPES	WbC	WATSON SILT LOAM, 8 TO 15 PERCENT SLOPES
HaB	HAGERSTOWN SILT LOAM, 3 TO 8 PERCENT SLOPES	WeB	WEIKERT SHALY SILT LOAM, 3 TO 8 PERCENT SLOPES
HaC	HAGERSTOWN SILT LOAM, 8 TO 15 PERCENT SLOPES	WeC	WEIKERT SHALY SILT LOAM, 8 TO 15 PERCENT SLOPES
HaD	HAGERSTOWN SILT LOAM, 15 TO 25 PERCENT SLOPES	WeD	WEIKERT SHALY SILT LOAM, 15 TO 25 PERCENT SLOPES
HtB	HARTLETON CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	WkE	WEIKERT AND KLINESVILLE SHALY SILT LOAMS, STEEP
HtC	HARTLETON CHANNERY SILT LOAM, 8 TO 15 PERCENT	WsA	WHEELING SOILS, 0 TO 3 PERCENT SLOPES
HtD	HARTLETON CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	WsB	WHEELING SOILS, 3 TO 8 PERCENT SLOPES
HuB	HAZLETON AND CLYMER EXTREMELY STONY SANDY LOAMS, 0 TO 8 PERCENT SLOPES	WsC	WHEELING SOILS, 8 TO 15 PERCENT SLOPES
HuD	HAZLETON AND CLYMER EXTREMELY STONY SANDY LOAMS, 8 TO 25 PERCENT SLOPES	WyA	WYOMING GRAVELLY SANDY LOAM, 0 TO 3 PERCENT SLOPES
HuF	HAZLETON AND CLYMER EXTREMELY STONY SANDY LOAMS, 25 TO 80 PERCENT SLOPES	WyB	WYOMING GRAVELLY SANDY LOAM, 3 TO 8 PERCENT SLOPES

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.

Pastured Poultry Information:

Per the poultry integrator approximately 5% of the total flock of birds access pasture. This results in 1,325 birds per barn having access to pasture per flock. Birds do not have access until pasture until they are 4 weeks of age resulting in pasture access for 2.5 weeks per flock. Approximately 3 flocks of birds will be raised between April and September.

3 flocks x 2.5 weeks of pasture access per flock = 7.5 weeks or 53 days of pasture access from April through September.

To: [Todd Rush](#)

Cc: [Walker, Michael](#)

Subject: RE: Dog waste from a Dog kennel

Date: Tuesday, August 28, 2018 11:35:22 AM

Todd,

Disposal of the dog kennel waste in a permitted landfill is an acceptable means of managing this type of waste. The dog kennel waste would be a municipal waste as defined by 25 Pa. Code §271.1 and is regulated by the Bureau of Waste Management. This waste or the residues from this waste should not be applied to fields upon which crops for animal or human consumption are grown. The dog kennel waste should be properly stored on site to include: not allowing a release of waste from the storage container, not allowing the harboring of vectors and the storage of the waste should not create a public nuisance. In addition, the transporter of this waste should ensure that all applicable waste transportation requirements are met while in transit to the landfill. If I can be of any further assistance, please don't hesitate to contact me.

Pat

Patrick Brennan | Environmental Program Manager
Department of Environmental Protection | Waste Management
North Central Regional Office
208 West Third Street Suite 101 | Williamsport PA 17701
Phone: 570.327.3431 | Fax: 570.327.3420
www.dep.pa.gov

From: Todd Rush [<mailto:ToddR@teamaginc.com>]

Sent: Tuesday, August 28, 2018 6:47 AM

To: Brennan, Patrick <pbrennan@pa.gov>

Cc: Walker, Michael <miwalker@pa.gov>

Subject: FW: Dog waste from a Dog kennel

Hi Patrick,

I wanted to follow up with you regarding the emails below. My client, Aaron Smucker, is planning on operating a licensed dog kennel at his farm along with his poultry barns. I must include in Aaron's nutrient management plan documentation from DEP that disposing of the dog waste using a dumpster and commercial waste hauler is acceptable. It would be very helpful if you could confirm this today as it is the deadline to have the plan submitted for action at the State Conservation Commission's September meeting. Thank you for your help with this matter.

Todd Rush
Conservation Program Specialist
TeamAg, Inc.
224 Butternut Lane
Elysburg, PA 17824
(570) 764-7003
toddr@teamaginc.com

Emergency Response Plan

If an emergency spill should occur you need to take the following actions:

1) **Ensure that you and other people are safe. If the spill involves a public road:**

- a. Contact the police for traffic control: *State Police - 911*
- b. Use flares, safety cones, etc. to warn approaching motorists

2) **Stop the source of the spill:**

- a. If the spill occurs while emptying the barn / storage:
 - i. Stop removal of manure from the structure
 - ii. Take measures to ensure that the spilled solid manure is not entering surface water
- b. If the spill happens while on the road:
 - i. Pull off to the side of the road
 - ii. Plug the leak or otherwise stop the flow of manure from the spreader
 - iii. Take measures to keep manure from entering into streams, ditches, etc.
 - iv. Call the police for traffic control: *State Police – 911*

3) **Contain and control the spill:**

- a. Build a containment area to capture and aid in collecting the manure using soil, gravel, hay bales, etc. Limit the area in contact with manure. Local individuals with access to excavation and manure hauling equipment are:
 - i. *Lucas Criswell – 570-522-7005*
 - ii. *K. W. Site Services – 570-523-9598*
- b. If necessary, locate an emergency field stacking areas using the following guidelines:
 - i. Stacked piles should be stacked in a cone or windrow shape so as to shed rainwater. This shape limitation would not be necessary if, upon stacking, the stack will be covered with an impermeable cover.
 - ii. Stacks should be setback 100 feet from streams (intermittent and perennial), lakes, ponds, open existing sinkholes, and active water wells.
 - iii. Stacks should not be located in water concentration areas, such as a swale, ditch, or waterway.
 - iv. Stacks should not be located on areas that have excessively drained soils. This limitation would not be necessary if, upon stacking, the stack will be covered with an impermeable cover.
 - v. Stacks should not be located within 3 feet of the seasonal high water table.
 - vi. Stacks should not be located above subsurface drain tiles. This limitation would not be necessary if, upon stacking, the stack will be covered with an impermeable cover.
 - vii. Stacking sites should not have a slope of greater than 8%.

4) **Notify the proper authorities:**

Pennsylvania Department of Environmental Protection Emergency Response – 570-327-3636
Northumberland County Conservation District – 570-495-4665
PA Fish & Boat Commission Southeast Regional Office – 814-359-5250
TeamAg, Inc. Nutrient Management Specialist – 570-764-7003

- a. Make a record of the details of the spill and the actions you took to remedy the situation. Take pictures of the extent of the spill as well as your containment and cleanup practices.
- b. If a spill enters a sinkhole or otherwise has the potential to enter groundwater, notify adjacent landowners who use private wells for their water supply.

5) **Clean up the spill:**

- a. Clean up procedures may be directed by the authorities listed above.
- b. Pick up absorbent materials (if required) you used and properly dispose of the material.
- c. Restore damaged areas if necessary.





COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION

DATE: September 4, 2018
TO: Members
State Conservation Commission
FROM: Johan E. Berger
Financial Administration, Certification & Conservation District Programs
RE: Proposed additional funding allocation for the Blair County Conservation District
and Lancaster County Conservation District Ombudsman Programs

Action Requested

Approve an additional funding request to support additional Ombudsman Program activities at the Blair County Conservation District and Lancaster County Conservation District for the FY2018-19 program year.

Background

At its July 18, 2018 public meeting, the State Conservation Commission (Commission) approved an allocation of \$100,000 to support Ombudsman Program positions at the Blair County and Lancaster County conservation districts. This allocation is supported by an appropriation to the PA Department of Agriculture and transferred to the Conservation District Fund. That funding is distributed under the Conservation District Fund Allocation Program for approved programs, such as the Ombudsman Program, at the discretion of the Commission.

The Ombudsman Program was developed to provide specific services, training, and educational products to conservation district across the commonwealth to assure the review of resource management plans (e.g. nutrient management or odor management plans for Concentrated Animal Operations) proceeded smoothly. And particularly, that all parties involved in complex and controversial projects in the agricultural/non-agricultural, rural/suburban interface are treated in a fair and equitable manner.

With the development of emerging issues such as odor management, fly management and mortality management educational resources are made available to the agricultural and non-agricultural urban communities where the potential for conflict may develop. The Ombudsman Program provides educational services and materials to local governments, the general public and the agricultural community on issues of concern impacting these communities and is available to take part in meetings to assist in the conversations between those parties where conflict may arise.

Proposal Summary

The Blair County and Lancaster County conservation districts each employ an Ombudsman position, each supported by a \$50,000 allocation. Current activities performed by the Ombudsman positions include:

- Assistance in minimizing conflict, typically between the ag/non-ag or rural/suburban interface. These activities also include assistance provided to municipalities, districts, farmers and citizens related to fly management and complaints. The Ombudsman functions as a referral agent for complaints related to fly issues. and ensure a timely follow-up.
- Providing ACRE (Agriculture, Communities, and Rural Environment) and Right to Farm Law education and outreach to municipalities and assisting farmers who might benefit from an ACRE ordinance review. The Ombudsman assists farmers in the referral of questions to the Attorney General's office.
- Facilitation and assistance with agricultural erosion and sedimentation control and manure management training for producers by conservation districts in partnership with Penn State Extension and other ag-focused partners. This also includes assisting Penn State Extension with PaOneStop education opportunities for conservation district and the agricultural community.
- Offering training or educational sessions for municipal officials, agricultural producers, and/or agricultural technicians to fill any educational need that arises. Topics include, but are not limited to: agricultural compliance, technological advances, ACRE legislation lessons, stormwater, zoning issues, mortality composting, fly minimization and techniques.

Commission staff and the Ombudsman Program staff recently met to review past program activities and current program needs. It was determined that funding is available to expand current Ombudsman Program activities and allow the Blair County and Lancaster County conservation districts to reinforce Ombudsman Program costs in their respective counties where costs were previously supported by other non-related funding sources with different program focus. Additional funding expands current Ombudsman activities and expands support to the following initiatives:

Blair County Conservation District Ombudsman Program:

- Support action items identified in the Alleghenies Ahead multi-county municipal plan related to agriculture.
- Work with PDA to develop Urban Ag initiatives in Southern Alleghenies and. Facilitate Urban Ag (Farm to Fork) events within the region.
- Assist Penn State Extension with distributing information on farm diversification and ag. alternatives (especially with dairy producers).
- Promote the Agriculture Conservation Stewardship (PACS) Program and encourage producer participation.

Additional funding Request = \$10,000 for employment costs, education materials and meeting costs.

Current and Proposed Project Budget for FY2018/2019

CATEGORY	CURRENT BUDGET	PROPOSED BUDGET (w/addtl funds)
Administrative	\$3,000	\$3,000
Employment Costs	\$44,000	\$52,500
Educational Services	\$3,000	\$4,500
Total	\$50,000	\$60,000

Lancaster County Conservation District Ombudsman Program

- Expand education and community outreach to municipal officials about ACRE, and other ag-related rules and regulations, partnering with staff from Penn State Agricultural and Shale Law Center.
- Represent the Ag community on the York County Stormwater Authority Implementation Planning team as they develop a model approach to address regional storm water issues.
- Expand legislator’s understanding of issues related to agriculture’s industry trends, economic impacts of agriculture, and future viability education and outreach to legislators.
- Provide a targeted outreach effort to the equine community regarding compliance with manure management and Ag E&S requirements through developing relationships with service providers that the equine community trusts and respects.
- Reinforce education and outreach to farmers about minimizing potential conflicts including fly minimization around barns and in field applications; proper mortality disposal, and good neighbor relations.

Additional funding Request = \$15,000 for employment costs, education materials and meeting costs.

Current and Proposed Project Budget for FY 2018/2019

CATEGORY	CURRENT BUDGET	PROPOSED BUDGET (w/addtl funds)
Administrative	\$3,000	\$4,000
Employment Costs	\$40,500	\$53,200
Educational Services	\$6,500	\$7,800
Total	\$50,000	\$65,000

Recommendation

Staff recommends approval of the additional funding to the Blair County Conservation District in the amount of \$10,000 and the Lancaster County Conservation District in the amount of \$15,000 as proposed for the respective Ombudsman Programs.



COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION

DATE: September 4, 2018
TO: Members
State Conservation Commission
FROM: Karl G. Brown
Executive Secretary
RE: Statewide Conservation District Funding Report

Conservation districts receive funding from a diverse group of state agency programs to support both basic district operations, as well as the goals of the program they are carrying out on behalf of the Commonwealth. This funding is provided through agreements with the Commonwealth, and may be contracted or delegated programs.

The attached spreadsheet illustrates the scope of annual funding distributed to conservation districts to support both staff and other operational expenses, as well as “pass through” funding that districts utilize to support state and local program implementation goals at the local level.

This information will be important as the Commission engages in strategic planning discussion this fall. One area of discussion will be the current and projected level of state funding received by conservation districts, as well as the effectiveness and efficiency of Commission policies and procedures regarding the oversight and management of these funds.

Program staff will review the attached FY 2017-18 Conservation District Funding information to ensure that Commission members understand the scope and diversity of state funds provided to district under the Commission’s authority.

County Conservation District Program Allocations for FY 2017/18 - Cost Share and Staff Support																						
County	Percentage of Land Mass in Chesapeake Bay Watershed	Conservation District Fund Allocation Program (CDFAP)											Chesapeake Bay Program					Dirt & Gravel Program				
		CDFAP Line Items Distribution			CDFAP Act 13 UGWF Distribution								PUC Act 13 UGWF Block Grant	Ch. 102/NPDES Fees Collected	Ch. 105 Fees Collected	Chesapeake Bay Program			Nutrient Management Technician	Manure Management Workshop Mini-Grants	Dirt & Gravel	
		Management Cost-Share	E&S Technical Cost-Share	Agricultural Conservation Technical Cost-Share	Management Cost-Share	E&S Technical Cost-Share	Agricultural Conservation Technical Cost-Share	Administrative Assistance Allocation	Farmland Preservation Administration	Reserve Account	Technician Cost-Share	Engineer Cost-Share				Special Project Staff Cost-Share	Administration	Education				
Adams	100%	\$22,350	\$15,650	\$16,219	\$0	\$0	\$25,926	\$0	\$0	\$0	\$57,902	\$255,994	\$0	\$60,550	\$0	\$5,000	\$84,000	\$0	\$10,000	\$10,000		
Allegheny	0%	\$22,350	\$15,650	\$16,219	\$34,594	\$29,774	\$0	\$0	\$0	\$0	\$57,902	\$928,544	\$52,325	\$0	\$0	\$0	\$14,000	\$1,500	\$10,000	\$10,000		
Armstrong	0%	\$22,350	\$15,650	\$16,219	\$22,980	\$0	\$48,446	\$0	\$0	\$0	\$57,902	\$15,800	\$0	\$0	\$0	\$0	\$14,000	\$1,335	\$91,833	\$91,833		
Beaver	0%	\$22,350	\$15,650	\$16,219	\$0	\$11,500	\$10,000	\$33,542	\$0	\$0	\$57,902	\$94,273	\$29,575	\$0	\$0	\$0	\$14,000	\$1,170	\$0	\$0		
Bedford	100%	\$22,350	\$15,650	\$16,219	\$4,500	\$21,426	\$0	\$0	\$0	\$0	\$57,902	\$58,400	\$0	\$98,250	\$0	\$0	\$28,000	\$0	\$28,733	\$28,733		
Berks	11%	\$22,350	\$15,650	\$16,219	\$0	\$0	\$25,926	\$0	\$0	\$0	\$57,902	\$555,463	\$9,005	\$58,338	\$0	\$5,897	\$168,000	\$640	\$10,000	\$10,000		
Blair	100%	\$22,350	\$15,650	\$13,120	\$0	\$7,926	\$0	\$9,000	\$9,000	\$0	\$57,902	\$42,925	\$0	\$50,775	\$0	\$0	\$28,000	\$1,659	\$10,000	\$10,000		
Bradford	100%	\$22,350	\$15,650	\$16,219	\$0	\$20,000	\$10,000	\$110,997	\$0	\$0	\$57,902	\$23,800	\$5,900	\$0	\$86,250	\$0	\$56,000	\$1,500	\$137,500	\$137,500		
Bucks	0%	\$22,350	\$15,650	\$16,219	\$0	\$0	\$25,926	\$0	\$0	\$0	\$57,902	\$712,820	\$0	\$0	\$0	\$0	\$14,000	\$1,062	\$10,000	\$10,000		
Butler	0%	\$22,350	\$15,650	\$0	\$25,333	\$41,117	\$0	\$70,767	\$0	\$0	\$57,902	\$248,600	\$37,650	\$0	\$0	\$0	\$14,000	\$1,313	\$16,446	\$16,446		
Cambria	45%	\$22,350	\$15,650	\$16,219	\$0	\$0	\$0	\$41,178	\$0	\$0	\$57,902	\$56,200	\$12,300	\$65,550	\$0	\$0	\$14,000	\$0	\$12,089	\$12,089		
Cameron	100%	\$22,350	\$14,455	\$16,219	\$0	\$15,465	\$13,701	\$23,859	\$0	\$0	\$57,902	\$775	\$575	\$0	\$0	\$0	\$0	\$0	\$13,441	\$13,441		
Carbon	0%	\$22,350	\$15,650	\$0	\$0	\$0	\$25,926	\$0	\$0	\$0	\$57,902	\$59,453	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000		
Centre	100%	\$22,350	\$15,650	\$16,219	\$26,000	\$0	\$15,934	\$0	\$0	\$0	\$57,902	\$99,140	\$8,425	\$65,550	\$0	\$0	\$42,000	\$1,478	\$15,539	\$15,539		
Chester	19%	\$22,350	\$15,650	\$16,219	\$0	\$25,926	\$0	\$0	\$0	\$0	\$57,902	\$691,631	\$0	\$100,767	\$0	\$30,333	\$56,000	\$1,358	\$10,000	\$10,000		
Clarion	0%	\$22,350	\$15,650	\$0	\$17,661	\$24,209	\$0	\$1,073	\$0	\$0	\$57,902	\$14,488	\$0	\$0	\$0	\$0	\$14,000	\$1,500	\$38,379	\$38,379		
Clearfield	90%	\$22,350	\$15,650	\$8,969	\$0	\$30,000	\$16,219	\$0	\$0	\$0	\$57,902	\$36,200	\$0	\$49,162	\$0	\$0	\$14,000	\$1,743	\$43,343	\$43,343		
Clinton	100%	\$22,350	\$15,650	\$16,219	\$9,000	\$9,500	\$0	\$24,215	\$3,000	\$0	\$57,902	\$41,540	\$4,200	\$64,100	\$0	\$1,405	\$42,000	\$0	\$17,811	\$17,811		
Columbia	100%	\$22,350	\$15,650	\$16,219	\$5,000	\$10,000	\$0	\$10,926	\$0	\$0	\$57,902	\$33,725	\$1,450	\$49,163	\$0	\$0	\$14,000	\$1,257	\$38,891	\$38,891		
Crawford	0%	\$22,350	\$15,650	\$16,219	\$0	\$0	\$0	\$41,682	\$0	\$0	\$57,902	\$28,025	\$4,850	\$0	\$0	\$0	\$28,000	\$2,493	\$76,196	\$76,196		
Cumberland	100%	\$22,350	\$15,650	\$16,219	\$0	\$0	\$25,926	\$0	\$0	\$0	\$57,902	\$320,637	\$0	\$65,550	\$86,250	\$8,800	\$70,000	\$1,500	\$10,000	\$10,000		
Dauphin	100%	\$22,350	\$15,650	\$16,219	\$0	\$7,000	\$0	\$15,926	\$3,000	\$0	\$57,902	\$279,870	\$0	\$86,250	\$16,430	\$70,000	\$0	\$10,000	\$10,000			
Delaware	0%	\$22,350	\$15,650	\$7,890	\$10,000	\$10,000	\$0	\$5,926	\$0	\$0	\$57,902	\$113,570	\$8,925	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
Elk	32%	\$22,350	\$15,650	\$16,219	\$12,033	\$20,230	\$2,585	\$26,999	\$0	\$0	\$57,902	\$8,870	\$3,100	\$0	\$0	\$0	\$14,000	\$469	\$16,189	\$16,189		
Erie	0%	\$22,350	\$15,650	\$16,219	\$11,761	\$14,165	\$0	\$0	\$0	\$0	\$57,902	\$49,291	\$9,975	\$0	\$0	\$0	\$14,000	\$660	\$32,427	\$32,427		
Fayette	0%	\$22,350	\$15,650	\$16,219	\$10,000	\$37,619	\$20,278	\$0	\$0	\$0	\$57,902	\$24,990	\$0	\$0	\$0	\$0	\$14,000	\$865	\$25,493	\$25,493		
Forest	0%	\$22,350	\$14,832	\$0	\$778	\$0	\$0	\$23,425	\$0	\$20,000	\$57,902	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,973	\$11,973		
Franklin	100%	\$22,350	\$15,650	\$16,219	\$0	\$0	\$25,926	\$0	\$0	\$0	\$57,902	\$231,160	\$25,926	\$0	\$0	\$0	\$112,000	\$1,478	\$10,000	\$10,000		
Fulton	100%	\$22,350	\$15,650	\$16,219	\$0	\$0	\$25,926	\$0	\$0	\$0	\$57,902	\$56,725	\$0	\$98,250	\$0	\$0	\$42,000	\$0	\$14,377	\$14,377		
Greene	0%	\$22,350	\$15,650	\$16,219	\$7,183	\$125,413	\$0	\$45,000	\$4,000	\$0	\$57,902	\$129,770	\$36,425	\$0	\$0	\$14,000	\$1,500	\$41,589	\$41,589			
Huntingdon	100%	\$22,350	\$15,650	\$0	\$0	\$0	\$25,926	\$0	\$0	\$0	\$57,902	\$19,250	\$0	\$24,000	\$0	\$6,000	\$28,000	\$1,251	\$29,082	\$29,082		
Indiana	9%	\$22,350	\$15,650	\$16,219	\$0	\$16,764	\$0	\$25,926	\$0	\$0	\$57,902	\$23,975	\$10,200	\$0	\$0	\$14,000	\$3,092	\$53,954	\$53,954			
Jefferson	0%	\$22,350	\$15,650	\$16,219	\$0	\$0	\$0	\$46,471	\$0	\$0	\$57,902	\$14,572	\$3,450	\$0	\$0	\$14,000	\$1,500	\$32,227	\$32,227			
Junata	100%	\$22,350	\$15,650	\$16,219	\$0	\$0	\$17,926	\$8,000	\$0	\$0	\$57,902	\$29,750	\$0	\$0	\$0	\$112,000	\$0	\$0	\$0			
Lackawanna	86%	\$22,350	\$15,650	\$3,500	\$0	\$0	\$25,926	\$0	\$0	\$0	\$57,902	\$78,650	\$0	\$59,665	\$74,602	\$5,895	\$0	\$13,306	\$13,306			
Lancaster	97%	\$22,350	\$15,650	\$16,219	\$25,926	\$0	\$0	\$0	\$0	\$0	\$57,902	\$500,435	\$19,575	\$393,300	\$165,600	\$0	\$448,000	\$9,555	\$10,405	\$10,405		
Lawrence	0%	\$22,350	\$15,650	\$16,219	\$23,711	\$17,404	\$14,935	\$0	\$0	\$0	\$57,902	\$99,190	\$0	\$0	\$0	\$0	\$14,000	\$947	\$10,000	\$10,000		
Lebanon	85%	\$22,350	\$15,650	\$16,219	\$0	\$0	\$25,926	\$0	\$0	\$0	\$57,902	\$255,720	\$0	\$114,713	\$0	\$0	\$168,000	\$377	\$10,000	\$10,000		
Lehigh	0%	\$22,350	\$15,650	\$16,219	\$0	\$0	\$25,926	\$0	\$0	\$0	\$57,902	\$1,055,138	\$0	\$0	\$0	\$0	\$14,000	\$0	\$0	\$0		
Luzerne	85%	\$22,350	\$15,650	\$16,219	\$0	\$0	\$25,926	\$0	\$0	\$0	\$57,902	\$260,635	\$0	\$0	\$0	\$0	\$0	\$0	\$21,032	\$21,032		
Lycoming	100%	\$22,350	\$15,650	\$16,219	\$26,597	\$35,831	\$7,134	\$10,000	\$2,500	\$57,902	\$22,800	\$0	\$65,550	\$0	\$0	\$42,000	\$0	\$42,329	\$42,329			
McKean	2%	\$22,350	\$15,650	\$16,219	\$8,073	\$35,894	\$16,620	\$0	\$0	\$0	\$57,902	\$45,455	\$9,725	\$0	\$0	\$14,000	\$0	\$21,895	\$21,895			
Mercer	0%	\$22,350	\$15,650	\$16,219	\$9,291	\$33,603	\$12,400	\$0	\$0	\$0	\$57,902	\$34,930	\$5,650	\$0	\$0	\$14,000	\$0	\$22,097	\$22,097			
Mifflin	100%	\$22,350	\$15,650	\$16,219	\$4,650	\$3,350	\$3,281	\$4,645	\$10,000	\$0	\$57,902	\$29,460	\$0	\$81,937	\$0	\$5,000	\$70,000	\$728	\$10,000	\$10,000		
Monroe	0%	\$22,350	\$15,650	\$16,219	\$0	\$0	\$25,926	\$0	\$0	\$0	\$57,902	\$202,570	\$4,575	\$0	\$0	\$14,000	\$405	\$10,000	\$10,000			
Montgomery	0%	\$22,350	\$15,650	\$16,219	\$10,000	\$8,045	\$7,881	\$0	\$0	\$0	\$57,902	\$722,432	\$0	\$0	\$0	\$14,000	\$749	\$10,000	\$10,000			
Montour	100%	\$22,350	\$15,650	\$16,219	\$0	\$25,926	\$0	\$0	\$0	\$0	\$57,902	\$27,250	\$1,475	\$65,500	\$0	\$0	\$14,000	\$0	\$10,000	\$10,000		
Northampton	0%	\$22,350	\$15,650	\$16,219	\$0	\$0	\$25,926	\$0	\$0	\$0	\$57,902	\$478,953	\$0	\$0	\$0	\$0	\$14,000	\$0	\$10,000	\$10,000		
Northumberland	100%	\$22,350	\$15,650	\$16,219	\$12,337	\$0	\$6,589	\$7,000	\$0	\$0	\$57,902	\$21,725	\$6,125	\$0	\$0	\$42,000	\$0	\$20,971	\$20,971			
Perry	100%	\$22,350	\$15,650	\$16,219	\$0	\$0	\$16,000	\$9,926	\$0	\$0	\$57,902	\$35,330	\$0	\$0	\$0	\$0	\$84,000	\$534	\$14,918	\$14,918		
Philadelphia	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
Pike	0%	\$22,350	\$15,650	\$0	\$0	\$0	\$25,926	\$0	\$0	\$0	\$57,902	\$69,941	\$5,200	\$0	\$0	\$0	\$0	\$0	\$12,171	\$12,171		
Potter	62%	\$22,350	\$15,650	\$16,219	\$0	\$30,481	\$0	\$14,730	\$0	\$0	\$57,902	\$16,230	\$1,325	\$65,550	\$0	\$0	\$14,000	\$0	\$85,319	\$85,319		
Schuylkill	52%	\$22,350	\$15,650	\$16,219	\$4,601	\$10,850	\$5,927	\$4,252	\$296	\$0	\$57,902	\$131,590	\$0	\$59,195	\$0	\$7,000	\$56,000	\$1,212	\$18,593	\$18,593		
Snyder	100%	\$22,350	\$15,650	\$16,219	\$13,330	\$12,462	\$0	\$134	\$0	\$0	\$57,902	\$23,209	\$0	\$65,550	\$0	\$0	\$12,000	\$1,500	\$12,563	\$12,563		
Somerset	13%	\$22,350	\$15,650	\$16,219	\$32,438	\$0	\$5,000	\$0	\$5,000	\$0	\$57,902	\$23,000	\$0	\$0	\$0	\$0	\$14,000	\$0	\$30,510	\$30,510		
Sullivan	100%	\$22,350	\$15,650	\$9,355	\$0	\$6,816	\$6,603	\$47,676	\$0	\$0	\$57,902	\$0	\$0	\$32,775	\$0	\$0	\$14,000	\$0	\$37,982	\$37,982		
Susquehanna	100%	\$22,350	\$15,650	\$16,219	\$16,094	\$26,139	\$15,000	\$87,910	\$0	\$93,186	\$57,902	\$38,300	\$23,325	\$60,020	\$0	\$5,480	\$14,000	\$1,425	\$137,500	\$137,500		
Tioga	100%	\$22,350	\$15,650	\$16,219	\$5,483	\$20,247	\$25,235	\$33,500	\$0	\$0	\$57,902	\$9,000	\$9,175	\$0	\$3,480	\$28,000	\$1,196	\$106,933	\$106,933			
Union	100%	\$22,350	\$15,650	\$16,219	\$7,650	\$4,350	\$5,819	\$8,107	\$0	\$0	\$57,902	\$22,950	\$2,925	\$0	\$74,305	\$0	\$68,040	\$0	\$10,000	\$10,000		
Venango	0%	\$22,350	\$15,650	\$16,219	\$0	\$0	\$41,682	\$0	\$0	\$0	\$57,902	\$5,407	\$1,975	\$0	\$0	\$14,000	\$1,435	\$53,968	\$53,968			
Warren	0%	\$22,350	\$15,650	\$16,219	\$1,872	\$19,053	\$4,543	\$15,710	\$0	\$0	\$57,902	\$5,500	\$5,450	\$0	\$0	\$14,000	\$842	\$59,795	\$59,795			
Washington	0%	\$22,350	\$15,650	\$16,219	\$0	\$0	\$278,121	\$0	\$0	\$0	\$57,902	\$532,546	\$119,700	\$0	\$0	\$14,000	\$0	\$36,696	\$36,696			
Wayne	8%	\$22,350	\$15,650	\$16,219	\$6,200	\$0	\$19,727	\$0	\$0	\$0	\$57,902	\$15										

County Conservation District Program Allocations for FY 2017/18 - Cost Share and Staff Support								
County	Low Volume Program		319 Non-Point Source Program (Salary, Administration, Travel)	Growing Greener Program		Mosquito Borne Disease Control Program	Environmental Education Grants	Totals
	Administration	Education		Watershed Specialist Cost-Share	Growing Greener Grant Program (Salary, Administration, Travel)			
Adams	\$13,099	\$13,099	\$13,000	\$40,200	\$0	\$70,500	\$0	\$713,489
Allegheny	\$27,337	\$27,337	\$0	\$40,200	\$0	\$0	\$0	\$1,287,732
Armstrong	\$14,600	\$14,600	\$0	\$40,200	\$19,520	\$0	\$0	\$487,269
Beaver	\$0	\$0	\$0	\$40,200	\$0	\$0	\$0	\$346,381
Bedford	\$19,190	\$19,190	\$0	\$40,200	\$0	\$0	\$0	\$458,745
Berks	\$27,984	\$27,984	\$0	\$40,200	\$17,140	\$54,831	\$0	\$1,123,529
Blair	\$8,833	\$8,833	\$0	\$40,200	\$0	\$0	\$0	\$336,173
Bradford	\$11,107	\$11,107	\$0	\$40,200	\$0	\$0	\$0	\$763,983
Bucks	\$19,796	\$19,796	\$0	\$40,200	\$0	\$0	\$0	\$965,720
Butler	\$19,659	\$19,659	\$0	\$40,200	\$0	\$0	\$0	\$647,092
Cambria	\$11,884	\$11,884	\$0	\$80,400	\$0	\$0	\$0	\$429,694
Cameron	\$4,000	\$4,000	\$0	\$40,200	\$0	\$0	\$0	\$240,384
Carbon	\$5,457	\$5,457	\$0	\$0	\$5,000	\$0	\$0	\$217,195
Centre	\$11,325	\$11,325	\$0	\$40,200	\$12,474	\$0	\$0	\$477,051
Chester	\$21,902	\$21,902	\$0	\$40,200	\$0	\$0	\$0	\$1,122,140
Clarion	\$10,489	\$10,489	\$0	\$40,200	\$0	\$0	\$0	\$306,769
Clearfield	\$12,760	\$12,760	\$25,664	\$40,200	\$0	\$0	\$0	\$430,265
Clinton	\$6,012	\$6,012	\$0	\$40,200	\$0	\$0	\$0	\$398,926
Columbia	\$9,216	\$9,216	\$0	\$40,200	\$0	\$0	\$3,000	\$377,056
Crawford	\$11,017	\$11,017	\$0	\$40,200	\$35,866	\$0	\$0	\$467,663
Cumberland	\$0	\$0	\$0	\$40,200	\$62,196	\$0	\$0	\$813,181
Dauphin	\$13,119	\$13,119	\$0	\$40,200	\$0	\$90,659	\$0	\$767,695
Delaware	\$0	\$0	\$0	\$40,200	\$0	\$0	\$0	\$292,413
Elk	\$4,000	\$4,000	\$0	\$40,200	\$0	\$0	\$3,000	\$283,986
Erie	\$13,906	\$13,906	\$0	\$40,200	\$0	\$0	\$0	\$344,840
Fayette	\$15,888	\$15,888	\$0	\$40,200	\$0	\$0	\$0	\$342,834
Forest	\$4,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$1,171,232
Franklin	\$13,900	\$13,900	\$0	\$40,200	\$0	\$0	\$0	\$570,686
Fulton	\$6,846	\$6,846	\$0	\$40,200	\$0	\$0	\$0	\$417,669
Greene	\$11,780	\$11,780	\$0	\$40,200	\$12,333	\$10,160	\$0	\$644,842
Huntingdon	\$11,659	\$11,659	\$0	\$40,200	\$0	\$0	\$0	\$322,011
Indiana	\$18,383	\$18,383	\$0	\$40,200	\$924	\$0	\$0	\$391,875
Jefferson	\$10,728	\$10,728	\$0	\$40,200	\$12,977	\$0	\$3,000	\$334,200
Juniata	\$0	\$0	\$0	\$37,685	\$10,082	\$0	\$0	\$327,565
Lackawanna	\$8,467	\$8,467	\$0	\$40,200	\$0	\$0	\$0	\$427,878
Lancaster	\$29,583	\$29,583	\$148,400	\$40,200	\$0	\$0	\$0	\$1,943,088
Lawrence	\$11,260	\$11,260	\$0	\$40,200	\$0	\$0	\$0	\$365,028
Lebanon	\$9,127	\$9,127	\$0	\$40,200	\$0	\$0	\$0	\$755,310
Lehigh	\$0	\$0	\$0	\$40,200	\$0	\$0	\$3,000	\$1,250,384
Luzerne	\$16,627	\$16,627	\$0	\$40,200	\$15,150	\$72,632	\$0	\$601,983
Lycoming	\$13,994	\$13,994	\$0	\$40,200	\$0	\$56,740	\$0	\$534,118
McKean	\$6,563	\$6,563	\$0	\$40,200	\$0	\$0	\$0	\$339,003
Mercer	\$14,852	\$14,852	\$0	\$40,200	\$12,799	\$0	\$2,954	\$351,845
Mifflin	\$5,824	\$5,824	\$28,511	\$40,200	\$0	\$0	\$0	\$425,532
Monroe	\$12,364	\$12,364	\$0	\$40,200	\$0	\$0	\$1,208	\$445,733
Montgomery	\$17,560	\$17,560	\$0	\$40,200	\$0	\$0	\$0	\$970,547
Montour	\$4,101	\$4,101	\$0	\$40,200	\$31,870	\$0	\$0	\$346,544
Northampton	\$0	\$0	\$0	\$40,200	\$0	\$0	\$0	\$691,200
Northumberland	\$11,560	\$11,560	\$0	\$40,200	\$0	\$179,519	\$0	\$492,677
Perry	\$11,378	\$11,378	\$0	\$40,200	\$0	\$0	\$0	\$350,704
Philadelphia	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pike	\$4,000	\$4,000	\$0	\$40,200	\$0	\$0	\$3,000	\$272,511
Potter	\$5,972	\$5,972	\$0	\$40,200	\$0	\$0	\$3,000	\$480,219
Schuylkill	\$16,820	\$16,820	\$0	\$40,200	\$8,836	\$0	\$0	\$512,907
Snyder	\$7,498	\$7,498	\$0	\$40,200	\$0	\$2,580	\$0	\$423,209
Somerset	\$19,188	\$19,188	\$0	\$40,200	\$0	\$0	\$0	\$331,153
Sullivan	\$4,000	\$4,000	\$0	\$40,200	\$0	\$0	\$0	\$337,791
Susquehanna	\$6,629	\$6,629	\$0	\$40,200	\$0	\$0	\$0	\$821,459
Tioga	\$6,688	\$6,688	\$0	\$40,200	\$0	\$2,990	\$0	\$517,870
Union	\$4,938	\$4,938	\$0	\$40,200	\$0	\$0	\$0	\$376,344
Venango	\$8,107	\$8,107	\$0	\$40,200	\$0	\$0	\$0	\$340,970
Warren	\$6,379	\$6,379	\$0	\$40,200	\$0	\$0	\$0	\$351,639
Washington	\$21,426	\$21,426	\$0	\$40,200	\$0	\$0	\$0	\$1,212,931
Wayne	\$8,807	\$8,807	\$0	\$40,200	\$0	\$0	\$0	\$338,805
Westmoreland	\$28,608	\$28,608	\$0	\$40,200	\$9,620	\$98,890	\$0	\$907,491
Wyoming	\$4,411	\$4,411	\$0	\$40,200	\$0	\$0	\$0	\$385,664
York	\$28,195	\$28,195	\$0	\$40,200	\$0	\$0	\$0	\$719,295
Totals	\$744,800	\$744,800	\$215,575	\$2,610,485	\$266,788	\$633,930	\$27,732	\$36,244,109

Chesapeake Bay Cost-Share Staff Support by Category					
Management	TA	Bay Targeted TA	Admin	ED	Total
\$22,350	\$482,563	\$65,550	\$119,926	\$23,099	\$713,488
\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0
\$26,850	\$179,895	\$98,250	\$105,825	\$47,924	\$458,744
\$2,459	\$94,530	\$64,236	\$15,285	\$4,249	\$180,758
\$22,350	\$147,821	\$50,775	\$94,734	\$20,492	\$336,172
\$22,350	\$187,769	\$86,250	\$317,506	\$150,107	\$763,982
\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0
\$10,958	\$87,646	\$65,550	\$55,373	\$10,788	\$229,415
\$22,350	\$101,390	\$0	\$99,202	\$17,441	\$240,383
\$0	\$0	\$0	\$0	\$0	\$0
\$48,350	\$237,568	\$65,550	\$97,240	\$28,342	\$477,050
\$4,247	\$160,669	\$131,100	\$17,063	\$6,319	\$319,398
\$0	\$0	\$0	\$0	\$0	\$0
\$20,115	\$145,114	\$49,162	\$125,701	\$52,061	\$392,154
\$31,350	\$169,309	\$65,505	\$108,939	\$23,822	\$398,925
\$27,350	\$131,244	\$49,163	\$116,934	\$52,364	\$377,055
\$0	\$0	\$0	\$0	\$0	\$0
\$22,350	\$462,706	\$160,600	\$156,024	\$11,500	\$813,180
\$22,350	\$519,598	\$102,680	\$99,947	\$23,119	\$767,694
\$0	\$0	\$0	\$0	\$0	\$0
\$11,003	\$38,673	\$0	\$33,629	\$7,571	\$90,875
\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0
\$22,350	\$415,229	\$0	\$107,728	\$25,378	\$570,685
\$22,350	\$170,794	\$98,250	\$105,051	\$21,223	\$417,668
\$0	\$0	\$0	\$0	\$0	\$0
\$22,350	\$103,100	\$30,000	\$124,568	\$41,992	\$322,010
\$2,012	\$12,331	\$0	\$14,138	\$6,789	\$35,269
\$22,350	\$211,304	\$0	\$93,910	\$0	\$327,564
\$19,221	\$118,680	\$140,152	\$90,817	\$18,725	\$387,595
\$46,828	\$1,008,877	\$558,900	\$238,901	\$48,057	\$1,901,562
\$0	\$0	\$0	\$0	\$0	\$0
\$18,998	\$421,421	\$114,713	\$87,511	\$16,578	\$659,220
\$0	\$0	\$0	\$0	\$0	\$0
\$18,998	\$344,536	\$0	\$116,142	\$32,010	\$511,685
\$48,947	\$236,574	\$65,550	\$126,724	\$56,323	\$534,117
\$608	\$3,875	\$0	\$1,727	\$569	\$6,780
\$0	\$0	\$0	\$0	\$0	\$0
\$27,000	\$178,160	\$86,937	\$116,882	\$16,552	\$425,531
\$0	\$0	\$0	\$0	\$0	\$0
\$22,350	\$140,720	\$65,500	\$103,872	\$14,101	\$346,543
\$0	\$0	\$0	\$0	\$0	\$0
\$34,687	\$321,438	\$0	\$104,021	\$32,530	\$492,676
\$22,350	\$191,399	\$0	\$110,124	\$26,830	\$350,703
\$0	\$0	\$0	\$0	\$0	\$0
\$13,857	\$83,145	\$65,550	\$101,632	\$58,460	\$322,644
\$14,015	\$143,747	\$66,195	\$55,483	\$19,045	\$298,485
\$35,680	\$219,740	\$65,550	\$78,097	\$24,141	\$423,208
\$7,122	\$14,829	\$0	\$14,638	\$6,461	\$43,050
\$22,350	\$92,624	\$32,775	\$148,060	\$41,982	\$337,790
\$38,444	\$188,833	\$65,500	\$383,127	\$145,554	\$821,458
\$27,833	\$163,726	\$3,480	\$205,023	\$117,807	\$517,869
\$30,000	\$176,153	\$74,305	\$80,946	\$14,938	\$376,343
\$0	\$0	\$0	\$0	\$0	\$0
\$22,350	\$93,451	\$0	\$161,659	\$63,510	\$340,970
\$24,222	\$120,615	\$0	\$139,786	\$67,016	\$351,639
\$22,350	\$738,315	\$0	\$394,144	\$58,122	\$1,212,931
\$26,266	\$102,653	\$0	\$127,100	\$55,682	\$311,700
\$73,345	\$675,192	\$0	\$112,957	\$45,996	\$907,491
\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0
\$912,452	\$8,777,188	\$2,634,728	\$4,424,793	\$1,372,625	\$18,121,786

50.0%

Non-Chesapeake Bay Cost-Share Staff Support by Category					
Management	TA	Bay Targeted TA	Admin	ED	Total
\$0	\$0	\$0	\$0	\$0	\$0
\$56,944	\$1,096,712	\$0	\$95,239	\$38,837	\$1,287,732
\$45,330	\$101,869	\$0	\$232,301	\$107,769	\$487,269
\$22,350	\$231,417	\$0	\$91,444	\$1,170	\$346,381
\$0	\$0	\$0	\$0	\$0	\$0
\$19,892	\$764,837	\$0	\$123,667	\$34,375	\$942,771
\$0	\$0	\$0	\$0	\$0	\$0
\$22,350	\$187,769	\$86,250	\$317,506	\$150,107	\$763,982
\$22,350	\$798,889	\$0	\$113,623	\$30,858	\$965,720
\$47,683	\$397,217	\$0	\$164,774	\$37,419	\$647,092
\$12,293	\$107,123	\$0	\$67,679	\$13,185	\$200,279
\$0	\$0	\$0	\$0	\$0	\$0
\$22,350	\$75,103	\$0	\$104,285	\$15,457	\$217,195
\$0	\$0	\$0	\$0	\$0	\$0
\$18,104	\$684,957	\$0	\$72,741	\$26,941	\$802,742
\$40,011	\$108,547	\$0	\$107,843	\$50,368	\$306,769
\$2,235	\$16,124	\$0	\$13,967	\$5,785	\$38,110
\$0	\$0	\$0	\$0	\$0	\$0
\$22,350	\$132,944	\$0	\$222,663	\$89,706	\$467,663
\$0	\$0	\$0	\$0	\$0	\$0
\$32,350	\$196,235	\$0	\$63,828	\$0	\$292,413
\$23,381	\$82,181	\$0	\$71,461	\$16,087	\$193,110
\$34,111	\$159,500	\$0	\$104,235	\$46,994	\$344,840
\$32,350	\$168,956	\$0	\$99,282	\$42,246	\$342,834
\$23,128	\$14,832	\$0	\$117,299	\$15,973	\$171,232
\$0	\$0	\$0	\$0	\$0	\$0
\$29,533	\$387,837	\$0	\$172,604	\$54,869	\$644,842
\$22,350	\$103,100	\$30,000	\$124,568	\$41,992	\$322,010
\$20,339	\$124,677	\$0	\$142,950	\$68,640	\$356,607
\$22,350	\$104,091	\$0	\$160,304	\$47,455	\$334,200
\$0	\$0	\$0	\$0	\$0	\$0
\$3,129	\$19,320	\$0	\$14,784	\$3,048	\$40,281
\$1,448	\$31,202	\$0	\$7,389	\$1,486	\$41,526
\$46,061	\$217,598	\$0	\$79,162	\$22,207	\$365,028
\$3,353	\$74,368	\$0	\$15,443	\$2,926	\$96,090</



COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION

DATE: September 4, 2018
TO: Members
State Conservation Commission
FROM: Johan E. Berger
Financial Administration, Certification & Conservation District Programs
RE: Forest County Conservation District Reserve Account Additional Funds Request

Action Requested:

Approval of Forest County Conservation District's request to designate FY2018-19 Unconventional Gas Well funds, in the amount of \$20,000 into an existing scholarship reserve account.

Background:

The State Conservation Commission, through the Conservation District Fund Allocation Program Statement of Policy, created the opportunity for a conservation district to designate funds allocated by the Commission to 'reserve accounts' for certain administrative and programmatic functions of the district. Examples of designated uses for reserve accounts include: scholarship programs, employee separation costs and building fund/capital improvement projects. Designation of CDFAP funds to 'reserve accounts' must be approved by the Commission

At its September 12, 2017, public meeting, the State Conservation Commission approved the creation of a 'scholarship reserve account', at the request of the Forest CCD, for use of Unconventional Gas Well (UGW) funds allocated to the district. The approved request placed \$20,000 of UGW funds in the Russell M. Smith Scholarship fund currently managed by the district and the Forest County Planning Department.

The Commission recently receive a request to designate \$20,000 in allocated FY2018-19 UGW funds to the Russell M. Smith Scholarship fund (Attachment 1). The Russell M. Smith Scholarship fund (Attachment 2) awards annual scholarships in the amount of \$1,000 to Forest County residents planning to continue their education in a conservation or forestry related field of study or service. The Forest CCD Board of Director's acted to designate these funds at its August 23, 2018 public meeting

Recommendation:

Staff recommends that the Commission approve the request for additional funds to be designated to the Forest CCD's Russell M. Smith Scholarship fund in the amount of \$20,000.

**Proposed Reserve Account
using SCC Allocated UGW Funds**

District Name Forest County

Date Board took action on creating this proposed account: Scholarship account was established in 2006.
(Please provide a copy of district board minutes)

Name of Proposed Reserve Account: Russell M Smith Scholarship Account

Purpose/description of account and the overall project:

The Russell M Smith Scholarship Account was established in 2006. Scholarships are awarded to Forest County Residents who are preparing for a career in the following fields:
Forestry and Wildlife Management, Forestry Science, Environmental Planning and Management, Agronomy/Agriculture, Forest & Earth Sciences, Wood Industry Services, Teaching in an Environmental Science Field, Surveying.

The scholarship amount and number of awards is determined by the Board of Directors on a yearly basis.

Length of time you expect account to remain active: permanent (ex. 1 yr, 2 yr, permanent)

Scholarship Accounts

Does your district have an established Scholarship policy? written if yes, please attach

Separation Accounts

Do you have a district policy in regard to leave payout when staff retires or leaves district employment? _____
If yes, please attach.

Do you expect staff retirements in the next 5 years? _____ **If so how many?** _____

Other Type of Account: (Please describe)

Fiscal management policy relating to the account:

How will you document expenditures in the account: Quickbooks

Will the board take action on each transaction: Yes

Who will have signature authority on the account: Manager, Vice-Chair, County Commissioners (ex. Manager, chair)

Expected Size of Account: \$39,000.00

Will these funds be in an interest bearing account? yes

Will this account be replenished and if so how: _____

Russell M. Smith

Russell Smith was a charter member of the County Planning Commission, having been appointed a member in July 1966. He served as the Commission's first and only secretary-treasurer through December 1983, when he resigned.

Professionally, Russell Smith headed the Penn State Extension Service in Forest County for 39 years, until he retired in April 1968. During his tenure as County Agent for Forest County, he developed a strong 4-H educational program for both farm and non-farm youth. As County Agent, he cooperated with county government in many public improvement projects.

He was involved in conducting the Comprehensive Land Use Study to develop recreational areas. Working with a committee appointed by the county commissioners in 1965, he conducted educational meetings on refuse disposal problems which led to the establishment of a sanitary landfill.

Mr. Smith assisted county and Tionesta Borough officials in the establishment of bathing facilities in the Tionesta area, and he served on the Tionesta Recreation board for many years.

A native of Milton, Mr. Smith received his BS in Dairy Science from Penn State, with graduate work at Cornell University and the University of Georgia.



Forest County Conservation District & Planning Department

Mailing Address: 526 Elm Street, Box 4
Tionesta, PA 16353

Office located at Forest County Courthouse
526 Elm St, Tionesta PA 16353

Phone: 814.755.3450

Fax: 814.755.3539

Email: dzofcin@co.forest.pa.us

Forest County Conservation District & Planning Department



Russell M. Smith Scholarship

Russell M. Smith Scholarship



The Russell M. Smith Scholarship, established in 2006, is awarded annually by the Forest County Conservation District & Planning Department to a deserving Forest County resident planning to continue her/his education in a conservation or forestry-related field of study or service.

Remembering that conservation is the wise use of natural resources, this would be a career choice that would directly serve the goal of conserving our natural resources for future generations.

Procedures & Deadlines

- ✧ Ask your Guidance Counselor/Advisor for a complete scholarship packet.
- ✧ Applications and attachments MUST be received by April 15 of the current year.
- ✧ Applications will be reviewed by the Board of Forest County Conservation District & Planning Department, a decision will be made during the regular monthly meeting held the 4th Thursday of May of the current year.

Fields of Study or Service

- ‡ Forestry and Wildlife Management
- ‡ Forestry Science
- ‡ Environmental Planning and Management
- ‡ Agronomy/Agriculture
- ‡ Forest & Earth Sciences
- ‡ Wood Industry Services
- ‡ Teaching
- ‡ Surveying

Criteria for Awarding Scholarship

- ✎ A Complete Application from a Forest County Resident.
- ✎ Quality Grades. Better grades and SAT scores will advance your chances of being chosen.
- ✎ A Strong Personal Letter. Put in writing your ambitions for your future and what this scholarship will mean to you.
- ✎ Recommendations. Letters of character reference from a teacher or guidance counselor and an employer, neighbor, etc.
- ✎ Experience. What you have accomplished in life so far in employment, education, extra-curricular activities, community service.
- ✎ Need. With all criteria met being equal, this scholarship will be awarded on a need basis.



**COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION**

September 4, 2018

To: Members
State Conservation Commission

From: Karl G. Brown
Executive Secretary

RE: Proposal for Strategic Planning/SWOT

Additional information pertaining to this agenda item will be provided at our September 11, 2018 Commission Meeting.



COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION

DATE: September 4, 2018
TO: Members
State Conservation Commission
FROM: Johan E. Berger
Financial Administration, Certification & Conservation District Programs
RE: Spotted Lantern Fly Education and Control Program

Background

On September 22, 2014, the Pennsylvania Department of Agriculture (Department), in cooperation with the Pennsylvania Game Commission, confirmed the presence of the Spotted Lanternfly in Berks County, Pennsylvania, the first detection of this non-native species in the United States. The Spotted Lanternfly is a plant hopper native to China, India and Vietnam, and is known to utilize more than 70 species of plants and trees, 25 of which also occur in Pennsylvania, including cultivated grapes, fruit trees, and hardwood species for its reproduction cycle. In the U.S., the Spotted Lanternfly has the potential to greatly impact the viticulture (grape), tree fruit, plant nursery and timber industries.

Upon determination that the potential impact to Pennsylvania's agricultural economy and natural resources was great, the Department issued a quarantine with the intent to restrict the movement of the Spotted Lanternfly on November 1, 2014. Counties in eastern Pennsylvania are under limited movement quarantine as the Department and its federal, state, local and non-governmental cooperators develop a strategy to eliminate this pest from the Commonwealth. The quarantine zone includes Berks, Bucks, Carbon, Chester, Delaware, Lancaster, Lebanon, Lehigh, Monroe, Montgomery, Northampton, Philadelphia, Schuylkill counties.

Early detection and control is vital to the effective suppression of this pest and the protection of PA agriculture and natural resources-related businesses. The Department's Bureau of Plant Industry (PDA-BPI), has received a federal grant of \$500,000 to support detection and control efforts of the Spotted Lanternfly in the quarantine zone. The State Conservation Commission and PDA_BPI has initiated a cooperative effort to distribute funds to conservation districts in infested counties in the quarantine zone to support district activities in the identification and suppression of Spotted lanternfly. Conservation districts have the unique position to field concerns and assist the public in the control of this pest.

PDA-BPI and the Commission has extended an invitation to conservation districts in the quarantine zone to submit a proposal for funding to support conservation district training efforts and control activities they may facilitate and perform in their county.

Please find attached information that has been shared with conservation district in the quarantine zone. An update on this initiative will be presented during the September 11, 2018 public meeting.



COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION

August 17 2018

To: Conservation Districts

Request for Proposals: Pilot Spotted Lanternfly Control Program Grant

The State Conservation Commission, (Commission), in cooperation with the PA Department of Agriculture Bureau of Plant Industry (PDA-BPI), has received funds for distribution to Conservation Districts to support control work or control training for spotted lanternfly (SLF) in infested counties in the quarantine zone established by PDA. The quarantine zone includes Berks, Bucks, Carbon, Chester, Delaware, Lancaster, Lebanon, Lehigh, Monroe, Montgomery, Northampton, Philadelphia, Schuylkill counties.

Funding may be used to conduct training in local communities on identification and control of SLF, and control activities performed either by the conservation district or a third-party contractor hired by the conservation district. For reference purposes, we have attached a document used by PDA-BPI when hiring third-party contractors for control work – *'Invasive Plant Pest Mitigation Services Invitation to Qualify'*. The language in this example document may be of use to districts who also plan to hire contractors for control activities.

Funds in this pilot must be expended by June 30, 2019.

PDA-BPI and the Commission are seeking proposals for funding from conservation districts in the quarantine zone. Proposals for funding must include

1. A statement indicating that the district will abide by the requirements outlined in the attached *'Statement of Work for Conservation District to Control Spotted Lanternfly'*. Deviations from those requirements must be approved prior to implementation.
2. A brief narrative describing proposed work, including priority control area determination, who will be completing the training and control activities. (*Narrative and Budget* template attached)
3. A budget to support training and control activities according to the 'Acceptable use of Funding' criteria described in the attached 'Statement of Work'.

Any conservation district wishing to apply for funds should submit a proposal to the Commission by September 14, 2018, or earlier.

If the conservation district is not prepared to submit a proposal at this time and wishes to participate in the program, a 'Letter of Intent' may be submitted in lieu of a proposal by September 14, 2018, so PDA-BPI and the Commission may better prioritize and allocate available funds.

Proposals may be sent to:

State Conservation Commission
ATTN: Spotted Lanternfly Control Project
2301 North Cameron St., Rm 311
Harrisburg Pa 17110-9408

Conference Call:

A conference call has been scheduled for August 27, 2018 at 1:30pm to review the project intent and 'Statement of Work' and, field questions on project activities, grant proposals and the grant process, reimbursements and reporting.

CONFERENCE CALL INFORMATION

Bridge Number: 1-717-612-4733
Toll-free: 1-855-750-1027
PIN: 628257#

Thank you for your continuing efforts to assist PDA in the fight against this invasive pest.

Sincerely,



Karl G. Brown, Executive Secretary
State Conservation Commission



Ruth Welliver, Director
Bureau of Plant Industry, PDA

Attachments (3)

Commonwealth Agencies: What the Spotted Lanternfly Quarantine Means for You

Spotted Lanternfly, *Lycorma delicatula*, is a threat to Pennsylvania and the United States. It lays egg masses of 30-50 eggs wherever there's a flat surface, and adults and nymphs can fly, hop, or drop right into a vehicle – meaning that vehicles and equipment can easily pack this pest and help it spread quickly. Therefore, a general quarantine over any area found to harbor the Spotted Lanternfly means that any material or object that can spread the pest cannot be moved without taking precautions to prevent that spread.

Current Quarantine Counties:

Berks, Bucks, Carbon, Chester, Delaware, Lancaster, Lebanon, Lehigh, Monroe, Montgomery, Northampton, Philadelphia, and Schuylkill Counties

Current Quarantine and Treatment Order:

<https://www.pabulletin.com/secure/data/vol48/48-21/825.html>

Government Agencies Working Within the Quarantine Zone:

A permit is required for those located in the quarantine area, or who come into the area to work and move vehicles, products, or other conveyances. The permit requires training and passing a test to demonstrate a working knowledge and understanding of the pest and quarantine requirements. Training of employees, and inspection of vehicles and products, must be upheld by all agencies operating within the quarantine area.

The permit shows you have the understanding to identify the pest and can ensure the items you transport aren't carrying it, and it demonstrates to commonwealth residents and businesses that we recognize the importance of compliance to the quarantine. It strengthens the partnership which has been formed to combat this invasive pest.

To Obtain a Permit:

- Managers, supervisors, or persons with authority for your agency work group must receive approved training. Training is available online or at a training session sponsored by PSU Extension, PA Department of Agriculture, or individuals who have participated in the "Train the Trainer" sponsored by the Department.
- Online permit training can be found in the right-hand menu at http://www.agriculture.pa.gov/Plants_Land_Water/PlantIndustry/Entomology/spotted_lanternfly/quarantine/Pages/default.aspx
- A designated manager or supervisor taking the multiple-choice exam provided by the Department must receive a passing grade of at least 70 percent. The agency name, number of company vehicles and/or conveyances, address, and contact information is required to complete the exam.

- The manager or supervisor taking the exam agrees to train *all* employees in the work group to identify the pest and prevent it from being on products, vehicles and other conveyances.
- The permit will be delivered after confirmation of passing the exam.
- The permit must be kept inside the agency vehicle when working within the quarantine.
- Recordkeeping of training, inspection of vehicles, and control measures taken (such as vehicle washes, destruction of living lanternfly, etc) must be maintained for a minimum of two years.
- Contractors and subcontractors working within the quarantine for commonwealth agencies are required to have a permit.

Treatment of Infested Property:

- Agencies are responsible for controlling or eliminating any life stage of Spotted Lanternfly on their property, vehicles, and equipment.
- Control may include physical destruction of Spotted Lanternfly (scraping egg masses, washing vehicles, etc), banding, pesticide application, or removing Tree of Heaven.
- All control methods must adhere to the Department's requirements.
- Agencies may treat their own property or hire a licensed pesticide applicator or other authorized agency to treat.
- The Department may, at its discretion and subject to availability of resources, provide control measures on a property.
- Agencies are responsible to continue to treat for Spotted Lanternfly as long as it exists on the property or until the quarantine is rescinded.

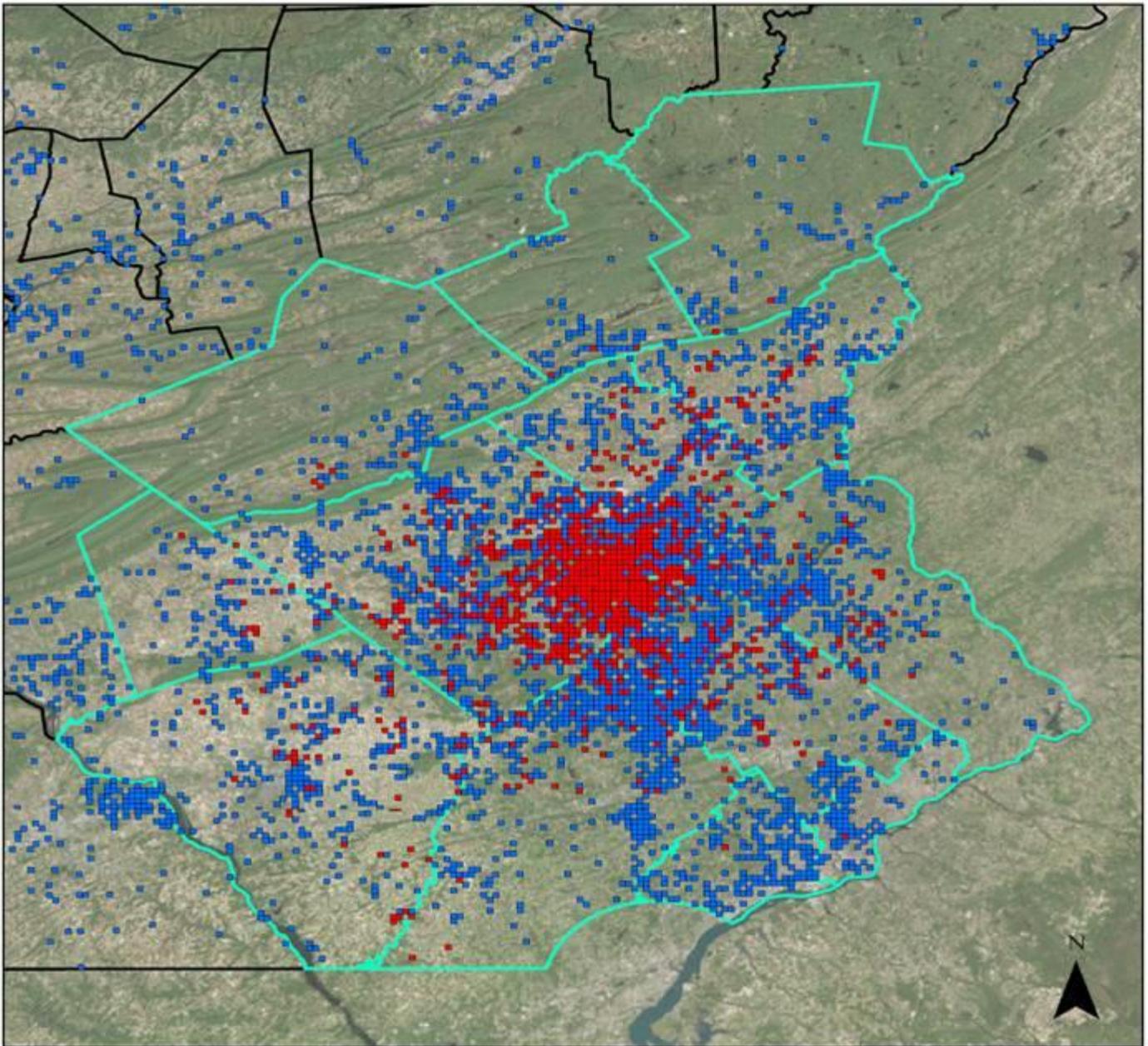
For Additional Information:

- PDA:
http://www.agriculture.pa.gov/Plants_Land_Water/PlantIndustry/Entomology/spotted_lanternfly/Pages/default.aspx
- Penn State:
<https://extension.psu.edu/spotted-lanternfly>
- For Permit Training and Testing:
http://www.agriculture.pa.gov/Plants_Land_Water/PlantIndustry/Entomology/spotted_lanternfly/quarantine/Pages/default.aspx
- Quarantine Questions: Dana Rhodes, 717-772-5205, danrhodes@pa.gov
- To report possible Spotted Lanternfly outside the quarantine: 1-866-253-7189 or badbug@pa.gov

With your help, we can stop the spread of Spotted Lanternfly and increase our chances of eradication of this pest.

Lycorma Delimitation Survey

Results through 8/21/2018



 PDA Quarantine  Negative Grid  Positive Grid

Statement of Work for Conservation Districts to Control Spotted Lanternfly

The State Conservation Commission shall provide funding to County Conservation Districts through this sub grant to perform control work or control training for spotted lanternfly (SLF) in infested counties.

I. Targeted Pesticide Application and Removal of *Ailanthus altissima*:

The following pesticide application and removal of *Ailanthus altissima* shall be performed:

1. On property selected for control by the County Conservation district subject to infestation of SLF, the District shall kill, cut down, or treat with insecticide all *Ailanthus altissima* trees, either with paid staff or through contractor. Information about trees removed, killed or treated shall be recorded in data fields that include date of action, Latitude and Longitude, DBH, and name of insecticide. Districts will supply these data weekly, by close of business on Wednesdays, to satisfy the requirements of the master Spotted Lanternfly grant administered by PDA. Data for tree treatments or removals and band counts can be submitted through PaPlants via an account assigned to Conservation District Staff.

2. Determine which method of disposal works best in meeting disposal requirements and adhering to state and municipal/township ordinances related to removal of the *Ailanthus altissima* trees and debris as necessary. Disposal methods may include.

Incineration: Identify an area on the premises which will allow for incineration. Incineration must meet all state, municipal/township ordinances related to burning.

Chipping: Identify an area on the premises which will allow for the chipping of tree material. The chips shall meet industry standard requirements for 1.0 inches in two dimensions. If the chips do not meet the 1.0 inches in two dimensions requirement, they may be processed again until the requirement is achieved. Chips will remain on the property and may be used for mulch on the property after composting for a minimum of three weeks.

3. *Ailanthus altissima* that do not constitute a hazard can be killed and left in place using a hack and squirt method or if small, by foliar application with the herbicide Triclopyr using label rates of Garlon 4Ultra (or equivalent).

4. Cut *Ailanthus altissima* trees and debris are not to be moved from the quarantine area.

5. The stumps of *Ailanthus altissima* trees which are cut down shall be treated with the herbicide Triclopyr using label rates of Garlon 4Ultra (or equivalent).

6. *Ailanthus altissima* trees which are not cut down or killed with the hack and squirt herbicide method shall be established as trap trees and treated with the insecticide Dinotefuran: Bark application only, of Dinotefuran Tree Care 70 WSP at label rate approved for *Ailanthus altissima*. Trap trees must consist of all male *Ailanthus altissima* trees 6" DBH or greater. Treated trap trees should be banded with USDA/PDA joint program approved tree bands. Bands should be counted and replaced every two weeks. Tallies from these bands should be reported to PDA weekly to determine efficacy of treatment on spotted lanternfly.

7. PDA is required to submit mid-term and annual report to the USDA for the entire Spotted Lanternfly Grant. For these reports, the State Conservation Commission will provide PDA a brief status narrative highlighting accomplishments, including treatments completed, trainings completed by district.

II. Control training.

Conservation districts may use funding to provide control training to staff, or land owners which emphasizes the procedures outlined in section (I.) above.

III. Acceptable use of funding.

Acceptable use of funding would include, purchase of spray equipment, pesticides, office supplies, safety equipment/personal protective gear, rental of training venue, advertising costs for training, hiring of contractor for treatments, rental/lease of vehicle, compensation of staff time or licensing.

IV. Date(s) By Which Control, Monitoring and Training Measures Will Be Completed.

Conservation districts will endeavor to complete the tasks in this statement of work as set forth below:

1. Expenditure of all funding by June 30, 2019.
2. Insecticide treatment of trap trees between July 1 and August 31 2018 or May 15 through June 30, 2019.
3. Removal of and herbicide application to *Ailanthus altissima*, can occur from July 1, 2018 through June 30, 2019, but completion during recommended treatment window on herbicide label is preferred if possible.

V. Reporting

PDA is required to submit mid-term and annual report to the USDA for the entire Spotted Lanternfly Grant. For these reports, the State Conservation Commission will provide PDA a brief status narrative highlighting accomplishments, numbers treatments completed, trainings completed, and any roadblocks to successful completion by district. The deadline for the mid-term report will be January 10, 2019. The deadline for the annual report will be September 1, 2019.



**COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION**

September 4, 2018

To: Members
State Conservation Commission

From: Karl G. Brown
Executive Secretary

RE: Chesapeake Bay Program Update

Additional information pertaining to this agenda item will be provided at our September 11, 2018 Commission Meeting.



**COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION**

DATE: August 27, 2018

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 July / August 2018.

For the months of July and August 2018, staff and delegated conservation districts have:

1. Odor Management Plans:
 - a. 7 OMPs in the review process
 - b. 15 OMPs approved
 - c. 4 OMP approval rescinded
2. Reviewed and approved 93 Nutrient Management (NM) Plans in the 2nd quarter of 2018.
 - a. Those approved NM plans covered 15,232.56 acres
 - b. Those approved NM plans included 29,283.35 Animal Equivalent Units (AEUs), generating 410,127.8 tons of manure.
3. Managing twenty-two (22) enforcement or compliance actions, currently in various stages of the compliance or enforcement process.
4. Worked with legal counsel on one (1) separate Environmental Hearing Board (EHB) cases.
5. Worked with DEP on review and processing for the 2nd year of the delegation agreement budget proposals.
6. Worked with DEP and conservation districts on NM reporting in Practice Keeper.
7. Continue to daily answer questions for NMP and OMP writers, NMP reviewers, delegated Conservation Districts, and others.

8. Assisted DEP with various functions and as workgroup members in Federal and State settings for the Chesapeake Bay Program.
9. Facilitated a joint meeting between the SCC NMAB and DEP's AAB
10. Opened public comments periods for the following Guidance Documents:
 - a. Nutrient Management Technical Manual
 - b. Nutrient Management and Manure Management Administrative Manual
 - c. Odor Management Program Guidance and Technical Manual
 - d. Odor Management BMP Guide



**COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION**

DATE: August 20, 2018

TO: Members
State Conservation Commission

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

SUBJECT: September 2018 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 July 2018 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 August 19, 2018, 2018.

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

	Central	NE/NC	SE/SC	West	Totals
2009	7	6	28	1	42
2010	5	7	25	2	39
2011	10	11	15	2	38
2012	9	16	16	2	43
2013	10	11	38	3	62
2014	13	16	44	2	75
2015	16	15	61	2	94
2016	19	16	59	4	98
2017	25	24	44	3	96
2018	11	4	31	1	47
Total	125	126	361	22	
Grand Total					634

As of August 19, 2018, there are six hundred thirty four **approved** plans and/or amendments, eight plans have been **denied**, sixteen plans have been **withdrawn** without action taken, fifty-three plans were **rescinded**, and seven plans and/or amendments are going through the **plan review process**.

OMP Status Report

Action	OMP Name	County	Municipality	Species	AEUs	OSI Score	Status	Ammended
6/28/2018	Boyd, Galen	Berks	Centre Twp	Broilers	268.52	29.6	Rescinded	
6/28/2018	Hillandale Gettysburg, LP - Site 1	Adams	Tyrone Twp	Layers	0.00	8.1	Rescinded	
6/28/2018	Pennwood Farms - Heifer Farm	Somerset	Brothers Valley Twp	Cattle	400.00	33.0	Approved	
7/10/2018	Yoder, Daniel	Centre	Haines Twp	Veal	70.84	71.8	Rescinded	
7/12/2018	J & L Groff Farms LLC	York	Chanceford Twp	Broilers	469.11	25.4	Approved	A
7/12/2018	Lime Valley Farms, Inc	Lancaster	Strasburg Twp	Broilers	0.00	9.7	Approved	
7/13/2018	Miller, David D	Jefferson	Gaskill Twp	Veal	0.00	47.0	Approved	
7/13/2018	S. & A. Kreider & Sons, Inc – Main Farm	Lancaster	E Drumore Twp	Cattle	2602.30	18.5	Approved	B
7/19/2018	Nolt, Matt	Lebanon	Millcreek Twp	Broilers	410.24	33.3	Approved	A
7/20/2018	Zuck, Jeffrey H	Lebanon	S Lebanon Twp	Broilers	285.70	28.4	Approved	
7/23/2018	Dream Farms	Franklin	Lurgan Twp	Cattle	0.00	25.0	Approved	
7/23/2018	Martin, Kevin	Berks	Jefferson Twp	Broilers	395.00	68.7	Approved	
7/27/2018	Martin, David H	Lancaster	Little Britain Twp	Pullets	69.62	82.4	Approved	
8/2/2018	Barley, Harold M, III - Walnut Hollow Farms	Lancaster	Manor Twp	Cattle	38.30	23.1	Rescinded	
8/2/2018	Weaver, Marvin - Church Road Farm	Snyder	Middlecreek Twp	Broilers	46.45	29.8	Approved	A
8/10/2018	Zook, Benjamin L	Centre	Miles Twp	Turkey	73.58	35.2	Approved	
8/13/2018	Esh, Jacob K, Jr	Centre	Penn Twp	Turkey	61.73	89.9	Approved	
8/13/2018	S. & A. Kreider & Sons, Inc – Stoner Farm	Lancaster	E Drumore Twp	Cattle	120.00	36.4	Approved	A
8/13/2018	Schwalm, James & Daniel	Dauphin	Jackson Twp	Swine	346.52	30.2	Approved	A

As of August 19, 2018



BUILDING BRIDGES

Farmers Municipalities* Citizens
Conservation Districts* Agribusiness*

To: Members August 30, 2018
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: July-August 2018

- Organizing a pasturewalk to be held in Huntingdon County (Shade Gap, PA).
 - Secured funding through relevant sponsors
 - Developed promotional outreach
 - Assisted with coordinating speakers and agenda/topics
 - Applied for GLC funding to support this event
- Meeting with conservation districts to promote and distribute “Standard Animal Weight” brochure
- Assist with organizing 2018 Farm2Fork event
 - Secured funding through local sponsors
 - Developed promotional outreach
 - Met with local food caterer and wineries
- Meeting with CDE,/CBE, PSU – planning 2018-2019 PAOneStop training
 - Currently working with 13 conservation districts to assist with coordinating and hosting this year’s ag e/s workshops.
 - Assisting with promotional outreach
- Co-hosted PDA’s visit to Altoona for Urban Agriculture Week in PA
 - Organized speakers from Blair’s Urban Ag Network
 - Organized a light lunch with locally sourced foods

Meetings/Trainings/Events

- Blair County’s Urban Ag Day proclamation with Secretary Redding and Scott Sheely with PA Dept of Ag.
- Meeting with Organic Valley poultry representative to discuss on-going fly control efforts in Lycoming County.
- Southern Alleghenies Conservancy board meeting
 - Projects supported on a regional level include this fall’s pasturewalk, Farm2Fork dinner, and local food systems development to support Southern Alleghenies area and Alleghenies Ahead – Comprehensive Plan

Conflict Issues/Municipal Assistance –

- Lycoming County:
 - On-going meetings with residents and farmers regarding fly complaints
 - Collaborating with PSU entomologist, Dr. Machtinger, to develop a fly management plan.
 - Working with Lycoming County Commissioners to develop outreach for the community
- Clinton and Lycoming Counties: assisting Dr. Machtinger with fly data from poultry operations.
- Bedford County – fly/manure complaint
- Clearfield County – working with Conservation District and a few municipalities on developing urban/suburban ag ordinances.

Reports & Grant Applications

--BCCD Board Report

--Growing Greener grant application for Blair’s MS4 – preparing grant application for Blair’s ISC

--National Fish and Wildlife Foundation grant application for Blair’s MS4 – preparing grant application for Blair’s ISC



BUILDING BRIDGES

Farmers * Municipalities * Citizens
Conservation Districts * Agribusiness

To: Members
State Conservation Commission

From: Shelly Dehoff
Agriculture/Public Liaison

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

Re: Agricultural Ombudsman Program Update

September 11, 2018

Activities: Since mid-July 2018, I have taken part or assisted in a number of events, including the following:

- Coordinating details for at least 8 events during Lancaster County Ag Week in October 2018
 - includes coordinating new subcommittee specifically for Denim & Pearls dinner event
- participating with York Co. Stormwater Authority Implementation Plan “Outreach/Communications” workgroup; including planning the second Public Outreach meeting, going deeper than what was covered at the first meeting
- continuing role as Cover Crop Champions Coordinator through National Wildlife Federation; short term grant
 - coordinating details between 2 champion groups and NWF staff in Michigan; doing publicity and promotion of the 2 champion groups podcasts and events
- working with Center for Dairy Excellence and PSU to provide more Ag E&S Plan Writing workshops in PA
- assisted at Youth Conservation School
- working with PA State Association of County Fairs to provide a breakout session hosted by South Central Task Force Ag Subcommittee in Jan 2019
- Provided technical comments for Youth Manure Guide designed for FFA and 4-H students in Lancaster Co
- attended twilight educational meeting about the future of industrial hemp to be aware of opportunities and realistic information
- participated in phone call with Lancaster Clean Water Partners Coordinator and reps from Farm Journal and Univ of Montana about NFWF grant opportunities
- 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:

Chester Co—on-going attendance at meetings related to Mushroom Phorid Flies with Mushroom Farmers of PA

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

None currently

Research and Education Activities:

Huntingdon Co— provided information, background details and answered questions for Attorney General’s office related to ordinance

Perry Co—received call from neighbor about smells from animal barn asking about possible remedies

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

Northumberland Co-- fly complaint

Lancaster Co—ongoing complaint

Franklin Co—fly complaint

Adams Co—fly complaint

Bucks Co—fly complaint not related to agriculture, but still provided tips for management/control

Union Co—fly complaint