

State Conservation Commission Meeting

January 19, 2021

Virtual Meeting

Agenda – SCC COPY

Executive Session

Business Session – 1:00PM – 3:00PM

A. Opportunity for Public Comment

B. Business and Information Items

1. Approval of Minutes
 - a. November 10, 2020 Public Mtg.(A)
 - b. December 8, 2020 Conference Call (A)
2. Election of Vice-Chairperson 2021
3. Nutrient and Odor Management Program
 - a. NMP - Mountain Creek Riding Stable, Inc. – Ron & Cheryl Jones; Cresco, Monroe County – Brady Seeley, SCC (A)
 - b. NMP - Aaron Smucker; Sunbury, Northumberland County – Brady Seeley, SCC (A)
 - c. 'Revised' Nutrient Management Program Fiscal Year 2020-21 Budget Proposal – Frank Schneider, SCC (A)
4. 'Revised' Conservation District Fund and Unconventional Gas Well Fund FY 2020-21 CDFAP Allocations; Karen Books, DEP; Karl Brown, SCC (A)
5. Annual Conservation District Audit Report; Karen Books, DEP (A)
6. Conservation District Advisory Committee
 - a. Drone Policy Proposal(A)
 - b. Former Employee Director Appointment Update
 - c. Committee Appointments, Karl G. Brown, SCC (A)
7. 2021 Conservation District Director Appointment Update; Karl Brown, SCC (NA)
8. Leadership Development Program Update – Matthew Miller, PACD (NA)
9. Chesapeake Bay Program WIP Update – Jill Whitcomb, DEP (NA)

C. Written Reports

1. Program Reports
 - a. Act 38 Nutrient and Manure Management Program Evaluations
 - b. Act 38 Calendar Year 2020 Nutrient Management Plan Data
 - c. Nutrient and Odor Management Program Measurables Report
 - d. January 2021 Status Report on Facility Odor Management Plan Reviews
 - e. 2020 Chapter 91 Activities Report
 - f. Certification and Education Program Accomplishment Report
 - g. REAP Program Accomplishment Report
 - h. Conservation Excellence Grant Program Accomplishment Report
2. Ombudsman Program Reports – Southern Allegheny Region (Blair County Conservation District) and Lancaster County Conservation District.

D. Cooperating Agency Reports Adjournment

Next Public Meetings/Conference Calls:

February 9, 2021 - Conference Call

March 9, 2021 – Virtual Meeting

**STATE CONSERVATION COMMISSION
MEETING**

PA Department of Agriculture, Harrisburg, PA

Zoom Webinar System

Tuesday, November 10, 2020 - 1:00 p.m.

Draft Minutes

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

A. Public Input - None

B. Business and Information Items

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

1. Approval of Minutes – September 15, 2020 - Public Meeting and October 13, 2020 – Conference Call.

Don Koontz moved to approve the September 15, 2020 public meeting minutes and the October 13, 2020 conference call minutes. Motion seconded by Mike Flinchbaugh. Motion carried.

2. Proposed 2021 Meeting and Conference Call Dates. Karl Brown, SCC, reported that the proposed dates for the SCC 2021 meetings and calls were provided to members as a part of their meeting packets. These dates have been checked for potential conflicts and cleared by the Secretaries' offices. Staff anticipates meetings in the first half of the year to be "virtual" with the format for the remaining meetings to be determined.

Mike Flinchbaugh moved to approve the proposed 2021 SCC meeting dates. Motion seconded by Ron Rohall. Motion carried.

3. Update on Proposed Draft Commission Policy Comments. Karl Brown, SCC, reported that in September, the Commission directed staff to circulate the draft policies on Drone Utilization and Appointment of Former District Employees as District Directors to conservation districts and other interested parties for a 45-day comment period. This comment period ended November 2, 2020. To date 12 conservation districts and/or conservation district employees have submitted comments on these draft policies. Comments range from general support and/or opposition to the policies, to recommendations on specific modifications to improve the draft policies. Commission staff will review and summarize the comments submitted on these draft policies and will discuss them with the Conservation District Advisory Committee (CDAC) on December 10, 2020. Based on the comments submitted, and the recommendations of CDAC, Commission staff will provide a revised draft of the policies for Commission consideration in January 2021.

Action: No action required at this time.

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

a. OMP - Odor Management Plan Amendment “A”, Paul Riehl, Lancaster County. Karl Dymond, SCC, reported that the Paul Riehl farm is an existing horse and goat operation which is proposing a new broiler operation. The original OMP for this operation was approved in July 2020, for the proposed Broiler Barn (12,000 broilers – 26.41 AEUs) with an Under-Barn Manure Storage Facility; these facilities have not yet been constructed. This Amendment “A” is to change the animal type to broiler-breeder chickens (9,000 breeder-layer hens (31.95 AEUs) and 1,000 breeder-layer roosters (4.78 AEUs)); there are no proposed changes to the dimensions or location of the proposed facilities. The confirmed Odor Site Index (OSI) value for this proposed broiler barn and under-barn manure storage facility indicates a high potential for impacts with a score of 125.6. Any proposed OM plan with an OSI greater than 100 must be approved by the full Commission. Karl Dymond presented additional information regarding this OM Plan.

Don Koontz made a motion to approve the proposed ‘Amendment A’ to the Odor Management Plan for Paul Riehl, Lancaster County. Motion seconded by Ron Kop. Motion carried.

b. Nutrient Management Plan – R&F Family Farms – Andrew Reitz and Jonathan Francis, Northumberland County. Michael Walker, SCC, reported that the R&F Family Farm is operated by Andrew Reitz & Jonathan Francis and is an existing swine finishing operation located in southern Northumberland County. The operation consists of 3 swine finish barns on approximately 20 acres. There is no cropland, hay land or pasture associated with this operation. The livestock operation currently averages 11,790 finishing swine animals housed in 3 separate swine barns and liquid manure generated from the swine animals is collected in under-barn manure storages. All manure collected is then exported to known manure importers during the spring, summer and fall. Approximately 3,493,400 gallons of liquid swine manure and approximately 32 tons of mortality compost are generated each year. The submitted plan includes Nutrient Balance Sheets for 3 known importers that are able to utilize all manure and compost generated at this operation. The animal equivalent units per acre for the R&F operation equals 1865.40, classifying the operation as a concentrated animal operation under Act 38 of 2005. The proposed plan meets Act 38 requirements and staff recommends approval.

Ron Rohall made a motion to approve the R&F Farms Nutrient Management Plan. Motion seconded by Mike Flinchbaugh. Motion carried.

c. Nutrient Management Plan – Northridge Equestrian – Lisa Eick, Monroe County. Michael Walker, SCC, reported that the Northridge Equestrian is an equine boarding and training facility operated by Lisa Eick and located in Monroe County near the borough of Brodheads ville, PA. The operation has a capacity to stable 29 horses in two horse barns. Manure is handled in a solid form on this operation and is removed from the stalls daily. Manure deposited on the arena area or animal walkways is collected on an as-needed basis. Approximately 220 tons of manure will be generated

per year if 20 horses are on the operation the entire year. The combined animal equivalent units at Northridge Equestrian are 23.4. The animal equivalent units per acre for Northridge Equestrian operation is 6.32, classifying this operation as a concentrated animal operation under Act 38 of 2005. Based on staff's review, the NMP developed for Northridge Equestrian meets the requirements of the PA Act 38 Nutrient Management Regulations, and approval is recommended.

Mike Flinchbaugh made a motion to approve the Northridge Equine (Lisa Eick) Nutrient Management Plan. Motion seconded by Ron Rohall. Motion carried.

5. Chesapeake Bay Implementation Grant (CBIG) Update and Expansion of Conservation Excellence Grant Program. Johan E. Berger, SCC, reported that In September, the Commission directed staff to move forward to expand the Conservation Excellence Grant Program into Cumberland and Franklin County. This expansion was made possible by a federal EPA CBIG grant subaward through DEP. Johan Berger will update the Commission on progress to execute agreements with Cumberland and Franklin County conservation districts, as well as efforts to develop an agreement to implement the public-private-partnership in Lancaster County with Lancaster Farmland Trust and Salisbury Township.

Action: No action required.

6. Update on PaOneStop. Jenifer Weld, PSU, reported that PaOneStop is an online public facing web site designed to assist farmers and landowners in the mapping of farm fields and properties, as well as assisting with developing other components of manure management plans and agricultural erosion and sediment control plans. PaOneStop was developed by the Penn State College of Agricultural Sciences, with financial support from state and federal agencies, including the State Conservation Commission as well as grant funding from foundations and other sources. Jennifer Weld provided an overview and update regarding activity in the use and further development of modules in the program. Jen noted, there had been a consistent increase in the number of users and access to module functions and features and associated data. Program development staff continue to engage input from peer agencies, organizations and users as improvements and maintenance continues on PaOneStop modules..

Action: No action required.

7. Agricultural TMDLs and the Evolution of the Fishing Creek Alternative Restoration Plan. Scott Heidel, DEP, reported that Fishing Creek is a tributary of the Susquehanna River in Lancaster County and is currently polluted by excess sediment from agriculture. Lancaster County is a high priority county identified for pollution reductions in the Chesapeake Bay Watershed Implementation Plan. Fishing Creek has also been prioritized for cleanup and restoration. The priority is based on the exceptional ecological significance of the watershed, the presence of rare and threatened aquatic organisms, the proximity to the Chesapeake Bay and the fact that this region is intensively agricultural with historic reluctance to implement Best Management Practices (BMPs). Based on these prioritizations, a significant restoration project has begun. The focus of the restoration project is to saturate three adjoining, agriculturally intensive Fishing Creek sub-watersheds with agricultural BMPs. The restoration project known as the Adaptive Toolbox for Conservation Saturation is being funded by a grant from the National Fish and Wildlife Foundation (NFWF) and

is a collaboration of vested partners piloted by the Pennsylvania Department of Agriculture. Scott reviewed the Alternative Restoration Plan (APR) process that has been initiated by DEP across Pennsylvania including the Chesapeake Bay watershed, specifically to address remediations of TMDL designations. An APR is developed and targeted for smaller watersheds, addressing stream impairments like TMDLs by identifying pollution contributions, developing nutrient and sediment load contributions and developing the framework for local implementation of remediation efforts through local partners. There are currently 5 to 6 APRs in progress across Pennsylvania.

Action: No action required.

8. Chesapeake Bay Expanded Agricultural Inspection Program Update. Jill Whitcomb, DEP, reported that since 2016, DEP in partnership with County Conservation Districts, has conducted a farm inspection program. The initial phase of the program focused on compliance with planning requirements (AG E&S and Manure Management) of the Clean Streams Law. Currently, DEP is moving into phase 2 of the Chesapeake Bay AG Inspection Program in five counties (Adams, Chester, Cumberland, Lancaster and York). Jill Whitcomb provided an update on Phase One of the Chesapeake Bay AG Inspection Program, and the Phase Two which is being implemented.

Action: No action required.

C. Written Reports – Self Explanatory

1. Program Reports

- a. Act 38 Nutrient and Odor Management Program Measurables Report
- b. Act 38 Facility Odor Management Program and Status Report on Plan Reviews
- c. REAP Accomplishment Report

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

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

DCNR – Drew Gilchrist reported that DCNR Secretary Cindy Adams Dunn recently announced that Pennsylvanians are being asked to nominate their favorite trail for the 2021 Trail of the Year. The designation is coordinated by the Pennsylvania Trails Advisory Committee to elevate public awareness of the thousands of miles of trails available for public enjoyment in Pennsylvania. Secretary Dunn said, “In these trying times we see people turning to the outdoors in unprecedented numbers, and trails are among the strongest attractions. Pennsylvania has it all, from gentle pathways threading through miles of preserved greenways, to remote, rugged trails scaling the state’s magnificent mountains. We want to hear from those who hold these special places close to their heart.”

The 2021 Trail of the Year will be recognized in a news release by the advisory committee and DCNR; a commemorative poster for statewide distribution; a trailhead marker along the trail; and a grant for educational programs to promote safety and environmental protection on the trail. For consideration, a nomination form and supporting documentation must be submitted online by Friday, November 20, 2020. Visit the [Trail of the Year webpage](#) to submit the form and supporting materials.

PDA – Deputy Secretary Greg Hostetter reported that National Apprenticeship Week is taking place during the week of November 9, 2020. Jobs in agriculture are being highlighted. Three examples of apprenticeships were given, and more and more apprenticeships are being developed. Fall harvest has culminated. Hunting season is underway, and hunters are welcome to share their venison with food pantries. Since 1991, 1.5 million pounds of venison have been distributed. PDA shares information on the proper handling of venison on the PDA website. Deer heads can be tested for CWD. Thanks to Penn State for helping PDA with the virtual Farm Show.

PSU – Chris Houser reported that Penn State Extension is gearing up to assist PDA with the virtual Farm Show. Extension opened up the Green Crops Specialist position, and several good applicants are being considered. Extension is also interviewing for an educator position in Bradford County. BMP verifications were completed in Lancaster and York. BMPs verifications are in process in Franklin and Adams Counties. Extension is providing pesticide credits through mostly virtual courses. Penn State is continuing to work remotely but is also still maintaining farm visits.

DCED – Adam Walters reported that DCED has resources for people having trouble obtaining PPE for COVID-19.

DEP – Secretary Patrick McDonnell reported that DEP continues to add new courses to the Clean Water Academy. Eleven new courses were added in the past month. Tiffany Landis is taking over as temporary project supervisor for the 102 ePermitting process. Roll out for NPDES ePermitting applications will begin by January 20, 2021. There will be a phased approach to transition to the ePermitting system. Paper and electronic submissions will still be accepted. DEP closed the Section 319 Nonpoint Source grant funding application period on Friday, October 23, 2020. 28 applications totaling approximately \$7.7 million were received. Small business energy advantage grants are still available. The Ag Plan Reimbursement Program is in its fourth year of a four-year contract. DEP is currently reviewing Tier 2 County Action Plans. The Chesapeake Bay Partnership is asking for comments on the Conowingo WIP.

NRCS – Pete Vanderstappen reported that NRCS is still working remotely due to COVID-19. NRCS is ranking and distributing money for conservation program applications received under the FY 2020-2021 budget. NRCS is continuing to move forward with their conservation mission.

PACD – Brenda Shambaugh reported that PACD is continuing to work remotely. They are in the process of hiring a new Conservation Technician at the Lebanon NRCS Field office to provide technical assistance through the TAG program. Mike Price, Beaver County Conservation District, wanted to pass along that the district is working with DEP to reinstate the Chapter 102 Delegation to get a new agreement in place.

Adjournment: Meeting adjourned at 3:05 p.m.

Next Public Meeting: December 8, 2020 – Conference Call
January 19, 2021 - Public Meeting, Virtual, via Zoom

STATE CONSERVATION COMMISSION CONFERENCE CALL

Skype Conference Call

Tuesday, December 8, 2020 @ 8:30 am

DRAFT MINUTES

Members Present: Deputy Secretary Greg Hostetter for Secretary Russell Redding, PDA; Secretary Patrick McDonnell, DEP; Drew Gilchrist for Secretary Cindy Adams-Dunn, DCNR; Denise Coleman, NRCS; Michael Flinchbaugh; Don Koontz; MaryAnn Warren; Brent Hales, Penn State Extension; Adam Walters, DCED; and Brenda Shambaugh, PACD.

A. Public Input: None.

B. Agency/Organization Updates

1. DCNR – Drew Gilchrist

Drew reported that as part of the Conservation’s Community Conservation Partnership Program, the DCNR Bureau of Recreation and Conservation is offering a grant funding webinar for Partnership Projects on **Thursday, January 28, 2021 from 10-11:15 am**. The webinar is designed for those interested in obtaining grant funding to support public recreation, conservation, or heritage initiatives across a statewide/regional landscape. Partnerships Program project categories include convening, education & training; special purpose planning; implementation; and mini-grant programs. This webinar will provide a general Partnerships Program overview to include eligible project activities, funding sources, matching requirements, and strategies on how to create a competitive grant application. A great example of a Partnership Project is the funding assistance provided to the Pennsylvania Envirothon Program, supporting educational activities, and a mini grant program for county conservation districts.

2. PACD – Brenda Shambaugh

Brenda reported that PACD is preparing for its ‘virtual’ committee meetings in mid-January and its Winter meeting, which will take place at the end of January 2021. The PACD Board is hoping to have an in-person July meeting. The Conservation Districts are currently meeting with legislators to ‘talk-up’ conservation districts’ activities. DEP and PACD are working to honor Conservation District staff that use the Clean Water Academy. PACD is working with DEP to set up a virtual All-Bay meeting.

3. Pennsylvania Department of Agriculture – Deputy Secretary Greg Hostetter

Deputy Secretary Hostetter reported that the FY2020-21 budget was completed by the legislature. Agriculture received level funding. The Coronavirus Food

Assistance Program (CFAP) is a federal USDA program that assists agricultural producers by providing direct relief to producers who faced price declines and additional marketing costs due to COVID-19...\$272 million for this agricultural assistance program was put into the economy. COVID relief is being given for dairy assistance. The PA Farm Bill was funded for the second year as part of the FY2020-21 state budget. REAP was expanded from \$3 million to \$10 million. There are about 20 days of planning to go until the Farm Show kicks off. PDA is looking for virtual resource library items for the Farm Show.

4. Penn State – Brent Hales

Brent Hales reported that Penn State Extension is offering 50% off on 'online' courses in January 2021. Extension continues to work with producers and is looking forward to a good, new year.

5. DEP – Secretary Patrick McDonnell

Secretary McDonnell reported that the Clean Water Academy continues to add courses. 102 E-permitting is scheduled to go live on January 20, 2021. User acceptance testing will occur. Training for Conservation Districts and DEP will occur in early January 2021. The amended PAG 12 has an effective date of January 1, 2021. CAFO annual NOI installment fee deadline has been extended to February 15, 2021. The Agricultural Compliance staff in the Chesapeake Bay office will host a question and answer session on December 18, 2020. Thank you to conservation districts for their work on County Action Plans.

6. NRCS – Denise Coleman

Denise reported that the EQIP and Conservation Stewardship applications have started and will be ranked by state staff. CRP evaluations are on hold...waiting for apportionment from the national office. The CIG funding round will open in January 2021. Restoration of the Hibernia Dam in Chester County was completed. DEP and NRCS are working together on training plans with General Permits 6 and 9.

7. DCED – Adam Walters – no report.

C. Information and Discussion Items

1. **Conservation District Director Appointments** (Karl Brown) – The annual process for nominating and appointing conservation district directors for 2020 is currently underway. Conservation district managers are encouraged to be in contact with their county chief clerk's office and their county commissioners regarding vacancies that will occur on their board for 2020, and to offer any assistance needed to help ensure a successful appointment

process. As of December 1st 2020, we have received nominations from 27 of 66 counties (41%). The counties which have submitted nominations as of December 1st include:

1. Adams	10. Erie	19. Pike
2. Berks	11. Fulton	20. Schuylkill
3. Bradford	12. Greene	21. Snyder
4. Butler	13. Lawrence	22. Somerset
5. Cambria	14. McKean	23. Sullivan
6. Clearfield	15. Mifflin	24. Tioga
7. Clinton	16. Northampton	25. Venango
8. Crawford	17. Northumberland	26. Warren
9. Elk	18. Perry	27. Wayne

2. **2019 Annual Financial Audit Reports 2020** (Karen Books) – Conservation district 2019 financial audit reports are due no later than December 31, 2020. As of November 23, 2020, fifty (50) conservation districts have submitted their financial audit report. Staff has received requests from three (3) districts for an extension this year. All three districts, Carbon, Lackawanna and Luzerne, use the same auditor. DEP will continue to monitor the progress of the extensions for those noted counties.

3. **State Budget Update** (Karl Brown) – On November 23, 2020, Governor Tom Wolf signed into law House Bill 2536 and Senate Bill 1350. These bills, which provide funding for the Commonwealth of Pennsylvania’s budget through June 30, 2021, sustain commonwealth services and programs during a critical time as COVID-19 cases continue to rise. The 2020-21 budget prioritizes public education in the commonwealth, protecting more than \$1.2 billion that the Wolf Administration has invested in public education during Governor Wolf’s time in office. For conservation districts, all major line items were level funded at FY 2019-20 levels, including DEP and PDA line items “for transfer to conservation districts” (CDFAP). In addition, the Nutrient Management Fund was level funded at FY 2019-20 levels, including increased funds provided for under the Pennsylvania Farm Bill that help support conservation districts, Conservation Excellence Grants and REAP tax credits. Commission staff will bring proposed CDFAP and NM Program allocations for the 7/12ths budget to the Commission in January for consideration.

4. **Election of Vice Chairperson** (K. Brown) – Conservation District Law states that at the last regular meeting of the Commission in the calendar year, a vice chairperson shall be elected by members of the Commission and shall serve in that capacity for the ensuing year. A quorum of voting members was not present for today’s call and action on this item was tabled. Karl Brown is currently working with PDA Legislative and legal staff to determine the steps and options for the Commission since there are currently 3 or 4 vacancies on the Commission that need to be filled by appointment from the Governor’s

office. , The Commission will consider nominations for a vice chairperson for 2021 at its next public meeting..

5. Dates to Remember

SCC Meetings

January 19	Virtual
March 9	Virtual

SCC Conference Calls

December 8	8:30am – 10am
February 9	8:30 am – 10am

PACD Executive Council Meeting

January 28	Virtual
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Building for Tomorrow Leadership Development Program

2021 Virtual Staff conference	February 8 - 12
2021 Board Leadership – Webinar Series	February 15,16,17, 23, 24

Native Plants and Pollinators Technical Training for CDs

February 18	Virtual
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Agricultural Technician Training

Boot Camp I – ‘Basic’	April 12 – 16, 2021
Boot Camp II – ‘Advanced’	April 26 – 30, 2021 – rescheduled to August 2021.

Also, check the Conservation District Training/Special Events Calendar at, www.PACD.org Select the "Events" tab and then the "Training Calendar" tab.

6. Adjournment at 9:30 a.m.



COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION

Date: January 5, 2020

To: State Conservation Commission Members

From: Karl G. Brown
Executive Secretary

RE: Election of Vice-Chairperson 2021

Background:

Section 4(1) of the Conservation District Law, Act 217, states in part that, “at the last regular meeting of the Commission in the calendar year, a vice-chairperson shall be elected by the members of the Commission and shall serve in that capacity for the ensuing year.”

The Commission was unable to take action to fill the position of a vice-chairperson for calendar year 2021 , thus an action is necessary at the January 19, 2021 meeting. Mr. Michael Flinchbaugh currently serves as the vice-chairperson of the Commission, and he has expressed an interest in accepting the nomination for election as vice-chairperson of the Commission for 2021.

Responsibility of the vice-chairperson is to preside over any business meetings of the Commission in the absence of the Chairman.

Action Required:

A motion to nominate and elect Mr. Michael Flinchbaugh as Commission vice-chairperson for 2021 is necessary.



**COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION**

DATE: December 18, 2020

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

FROM: Michael J. Walker, NM Regional Coordinator
State Conservation Commission

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

Action Requested

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

1. Mountain Creek Riding Stable, Inc. – Ron & Cheryl Jones, located at 6190 Paradise Valley Road, Cresco, PA 18326 (crop years 2022 through 2024)

Background

I have completed the required review of the subject nutrient management plan listed above. Final corrections to the plan were received at the PDA Region 2 office on December 18, 2020. As of that date, the plan was considered to be in its final form. The operation, located in Monroe County, is considered to be a concentrated animal operation (CAO) under the PA Nutrient and Odor Management Act. The Commission is the proper authority to take action on this plan, because Monroe County Conservation District has not been delegated plan review and action responsibilities under the PA Nutrient and Odor Management Act Program.

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

Thank you for considering this plan for Commission action.

Farm Descriptions

Mountain Creek Riding Stables, Inc. NMP, Monroe County – The Mountain Creek Riding Stables is a commercial horse trail riding operation located on lands owned by Paradise Stream Prop Co, LLC (Paradise Valley Resort) in Cresco, PA and operated by Ron & Cheryl Jones. Approximately, 32 riding horses are retained on the operation throughout the summer (mid-May through end of October), 22 horses in the winter and 2 draft horses are on the operation all year. Business hours are from 8am to 6pm in the Spring through Fall and from 9am to 5pm in the winter. During non-business hours the horses are on ACA2 or pastured on field Past1. During business hours, the horses are brought down to a barn with 28 standing stalls for grooming and saddling. The horses are kept in stalls or ACA1 directly behind the barn and/or tied in a holding area while waiting for riders. Field Past1 is a permanent pasture and field Past2 is a small paddock pasture adjacent to ACA1. Past2 is utilized as an isolation pen when new animals are added to the herd. The total land leased from Paradise Valley Resort is about 40 acres (ac) with 4.2 ac pasture, 3.3 ac for the farmstead and the rest is the forested area where trail rides occur. The only crops produce on this animal operation is hay in the 4.2 acres of pastures.

Manure is handed as a solid form on this operation and is removed from the stalls daily. ACA1 and ACA3 are cleaned daily. All collected manure from these areas is stacked on an existing 18' by 18' by 4' manure storage stacking facility and/or exported directly to importers. ACA2 is scraped monthly into piles in the middle of the ACA and exported directed from the ACA 2-3 times/year to the importers. All collected manure and bedding are exported for non-agriculture use (landscaping and soil amendment purposes). Approximately 335 tons of manure is generated from Mountain Creek Riding Stable per year. Approximately 20 tons of manure is applied to the pastures and 316 tons is exported to the known importers.

The combined animal equivalent units at Mountain Creek Riding Stables, LLC are 32.8. The crop production acres associated with this operation are approximately 4.2 acres. The majority of the feed and bedding are brought on to the operation from outside operators. The animal equivalent units per acre for Mountain Creek Riding Stable operation are 7.8, classifying this operation as a concentrated animal operation under Act 38 of 2005.

The proposed NMP for Mountain Creek Riding Stables, LLC indicates one maintenance BMPs to be implemented on the operation, namely – Maintain 50ft wide vegetated buffer along 2 exceptional value streams.

Based on my review, the NMP developed for Mountain Creek Riding Stables, LLC – Ron & Cheryl Jones operation meets the requirements of the PA Act 38 Nutrient Management Regulations, and I therefore recommend Commission approval.

Nutrient Management Plan

For Crop Year(s)

2022

2023

2024

Prepared For

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

Ron and Cheryl Jones
Mt. Creek Riding Stables, LLC
6190 Paradise Valley Road
Cresco, PA 18326
570-242-4327

Operation's Location Address (if different than above)

N/A

Site Name (CAFOs)

N/A

Prepared By

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

Melissa Rubano
3423 Eckley Road
Petersburg, PA 16669
814-667-3742

Nutrient Management Specialist's Program Certification Number

NMC-2042

Administratively Complete Date

Plan Approval Date

Plan Update Submission Date(s)

(updates to the approved plan not requiring board action)

Table of Contents

Nutrient Management Plan Summary (Excel)

 Nutrient Management Plan Summary Notes (Excel)

 Manure Spreader Calibration Notes (Excel)

 Additional Nutrient Management Plan Requirements (Word)

 Operator Management Map (Mapping Program)

Appendix 1: Nutrient Management Plan Agreement & Responsibilities (Word)

Appendix 2: Operation Information (Word)

Appendix 3: Manure Group Information (Excel)

Appendix 4: Crop & Manure Management Information (Excel)

Appendix 5: Phosphorus Index (Excel)

Appendix 6: Manure Management (Word)

Appendix 7: Stormwater Control (Word)

Appendix 8: Importer/Broker Agreements & Nutrient Balance Sheets (Word & Excel)

Appendix 9: Operation Maps (Mapping Program)

 Topographic Map

 Soils Map

Appendix 10: Supporting Information & Documentation (Excel)

(List below the required documents included in the plan.)

 AEU determination and bedding Calculations

 Grazing Group Calculations

 Emergency Response Plan

 Recordkeeping packet

Nutrient Management Plan Summary

Total acres reported in NMP Summary: 4.2

Crop Year(s) 2022

Whole Farm Note:

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

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

Operation Acres:

Total Acres: 40

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

Rented: 4.2

Animal Equivalent Units: 32.77

Animal Equivalent Units Per Acre: 7.80

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
Past1	4.14	Established Pasture (with legume) with Manure	Field Past1 - Grazing Calculator	Grazing	Grazing anytime with nutrient uptake during growing season	See Grazing Notes	0	0	0	54	0	18	0	-24	0
Past2	0.08	Established Pasture (with legume) with Manure	Field Past2 - Grazing Calculator	Grazing	Grazing anytime with nutrient uptake during growing season	See Grazing Notes	0	0	0	47	0	0	0	-38	-28

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

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

NMP Summary Notes

Crop Years 2022

CMU/Field ID	Notes
Past1	The grazing group includes the following animals on pasture: 22 horses from the light horses full time animal group, 2 hours per day for 240 days, from May, to Dec. 2 horses from the Draft animal group, 2 hours per day for 240 days, from May, to Dec. 10 horses from the light horse summer only animal group, 2 hours per day for 165 days, from May, to Oct. Water and supplemental feed are provided on ACA2.
Past2	Grazing group includes the following animals on pasture: 2 horses from the light horses full time animal group, 8 hours per day for 30 days, from May, to Oct. Water and supplemental feed are provided in the pasture. This field has a boundary which is less than 150ft from surface water. PLEASE NOTE: No manure may be mechanically applied within 100ft of streams, lakes, and ponds UNLESS a 35ft wide, permanent, vegetated buffer is maintained.

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

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

Nutrient Management Plan Summary

Total acres reported in NMP Summary: 4.2 **Crop Year(s)** 2023
Whole Farm Note: _____

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

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

Operation Acres: _____ **Total Acres Available For Nutrient Application Under Operator's Control:** Owned: 0 Rented: 4.2
Total Acres: 40

Animal Equivalent Units Per Acre: 7.80

Animal Equivalent Units: 32.77

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
Past1	4.14	Established Pasture (with legume) with Manure	Field Past1 - Grazing Calculator	Grazing	Grazing anytime with nutrient uptake during growing season	See Grazing Notes	0	0	0	54	0	18	0	-24	0
Past2	0.08	Established Pasture (with legume) with Manure	Field Past2 - Grazing Calculator	Grazing	Grazing anytime with nutrient uptake during growing season	See Grazing Notes	0	0	0	47	0	0	0	-38	-28

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

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

NMP Summary Notes

Crop Years 2023

CMU/Field ID	Notes
Past1	The grazing group includes the following animals on pasture: 22 horses from the light horses full time animal group, 2 hours per day for 240 days, from May, to Dec. 2 horses from the Draft animal group, 2 hours per day for 240 days, from May, to Dec. 10 horses from the light horse summer only animal group, 2 hours per day for 165 days, from May, to Oct. Water and supplemental feed are provided on ACA2.
Past2	Grazing group includes the following animals on pasture: 2 horses from the light horses full time animal group, 8 hours per day for 30 days, from May, to Oct. Water and supplemental feed are provided in the pasture. This field has a boundary which is less than 150ft from surface water. PLEASE NOTE: No manure may be mechanically applied within 100ft of streams, lakes, and ponds UNLESS a 35ft wide, permanent, vegetated buffer is maintained.

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

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

Nutrient Management Plan Summary

Total acres reported in NMP Summary: 4.2

Crop Year(s) 2024

Whole Farm Note:

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

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

Operation Acres:

Total Acres: 40

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

Rented: 4.2

Animal Equivalent Units: 32.77 Animal Equivalent Units Per Acre: 7.80

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
Past1	4.14	Established Pasture (with legume) with Manure	Field Past1 - Grazing Calculator	Grazing	Grazing anytime with nutrient uptake during growing season	See Grazing Notes	0	0	0	54	0	18	0	-24	0
Past2	0.08	Established Pasture (with legume) with Manure	Field Past2 - Grazing Calculator	Grazing	Grazing anytime with nutrient uptake during growing season	See Grazing Notes	0	0	0	47	0	0	0	-38	-28

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

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

NMP Summary Notes

Crop Years 2024

CMU/Field ID	Notes
Past1	The grazing group includes the following animals on pasture: 22 horses from the light horses full time animal group, 2 hours per day for 240 days, from May, to Dec. 2 horses from the Draft animal group, 2 hours per day for 240 days, from May, to Dec. 10 horses from the light horse summer only animal group, 2 hours per day for 165 days, from May, to Oct. Water and supplemental feed are provided on ACA2.
Past2	Grazing group includes the following animals on pasture: 2 horses from the light horses full time animal group, 8 hours per day for 30 days, from May, to Oct. Water and supplemental feed are provided in the pasture. This field has a boundary which is less than 150ft from surface water. PLEASE NOTE: No manure may be mechanically applied within 100ft of streams, lakes, and ponds UNLESS a 35ft wide, permanent, vegetated buffer is maintained.

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

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

Manure Spreader Calibration Notes

Crop Years 2022					
1	Manure Application Rate	Manure Spreader Used	Spreader Settings	Tractor Used (if applicable)	Tractor Settings (speed, gear, rpm, pto, etc.)
	N/A - all collected manure is exported	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
Maintain 50ft wide vegetated buffer		See “buffer area” on Map 1	ongoing

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.

N/A – No in-field stacking occurs on this operation.

Additional CAFO Requirements

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

N/A – Operation is not a CAFO

Proposed Manure Storage Description

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

N/A – No manure storage proposed

Description of Planned Alternative Manure Technology Practices

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

N/A – None planned

Exported Manure Summary

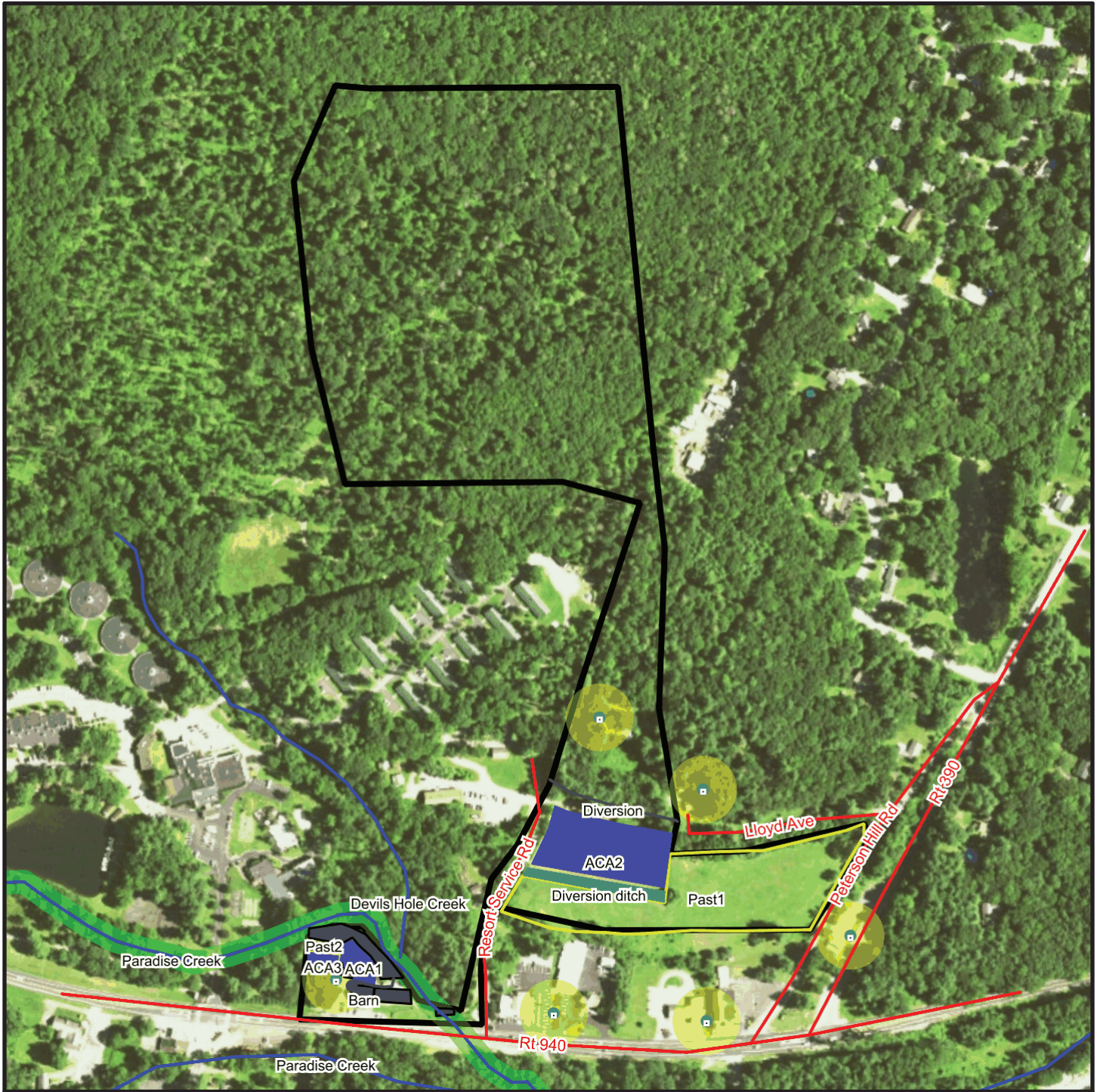
Summarize in a short paragraph the arrangements proposed for the manure to be exported from the operation. This information is described in more detail in Appendix 8 of this plan.

All collected manure and bedding is exported throughout the year to either Flood’s Nursery for use in landscaping or to an excavating company (Mark Nauman or Rinker Excavating) for soil amendment (making topsoil). The manure and bedding from the manure storage is exported 4 times/year. Manure from ACA2 is scraped and exported 2-3 times/year.

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.
















Mt. Creek Stables Overview Map



* 430.0 feet per inch

0 215 430 645 860 feet

Legend

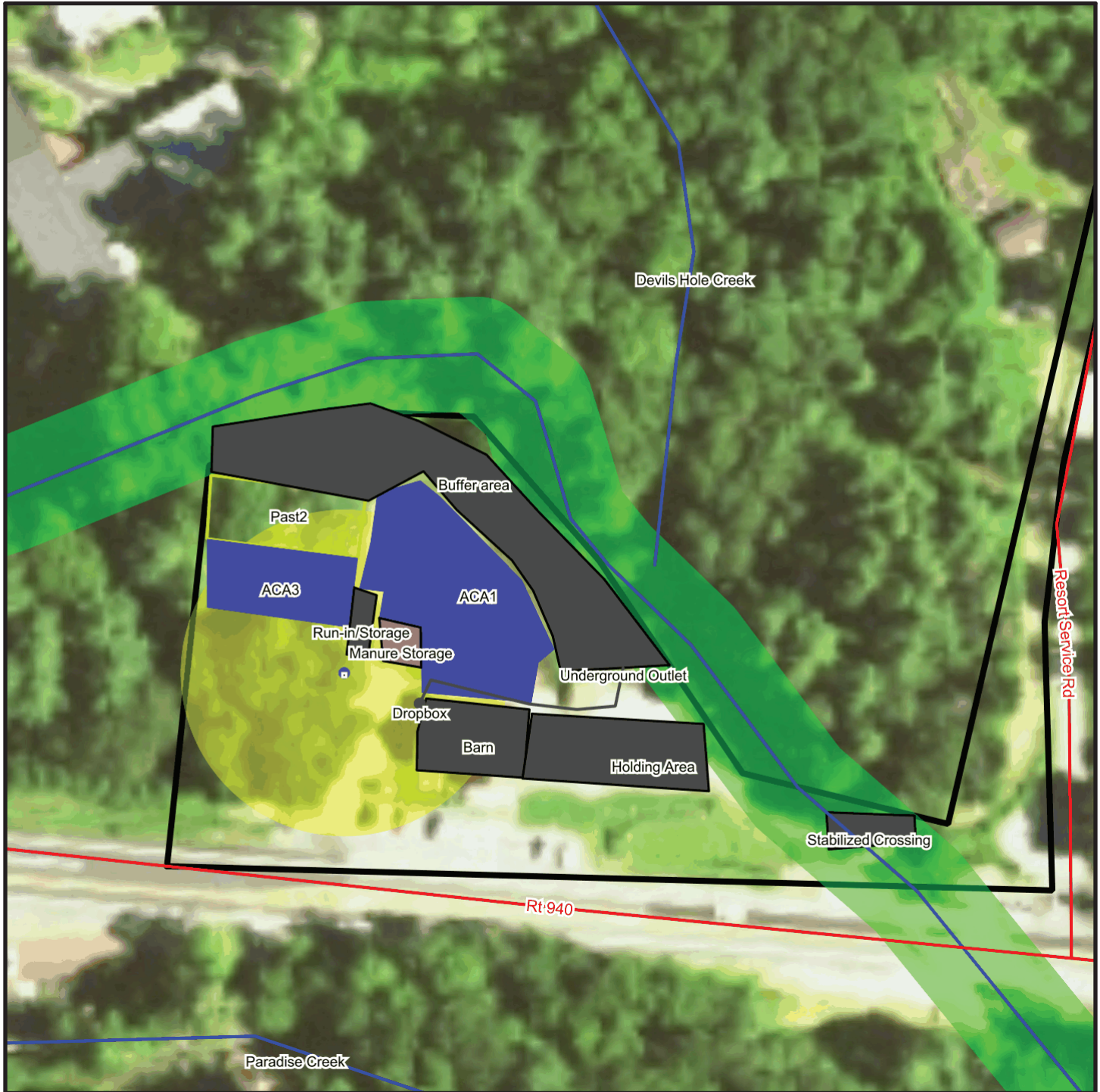
- | | | | |
|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  field / CMU |  water |  manure stacking |  AHUA |
|  farm boundary |  stream |  vegetative buffer |  well |
|  homestead |  sinkhole area |  100' manure setback |  road |
|  forest |  sinkhole |  150' manure setback | |



Field Acreages

Field	Label	Description	Acres	Suitable Acres
Past1	Past1		4.14	4.14
Past2	Past2		0.08	0.05
		Totals	4.22	4.19

Mt. Creek Stables - Map 1



* 88.0 feet per inch



Legend

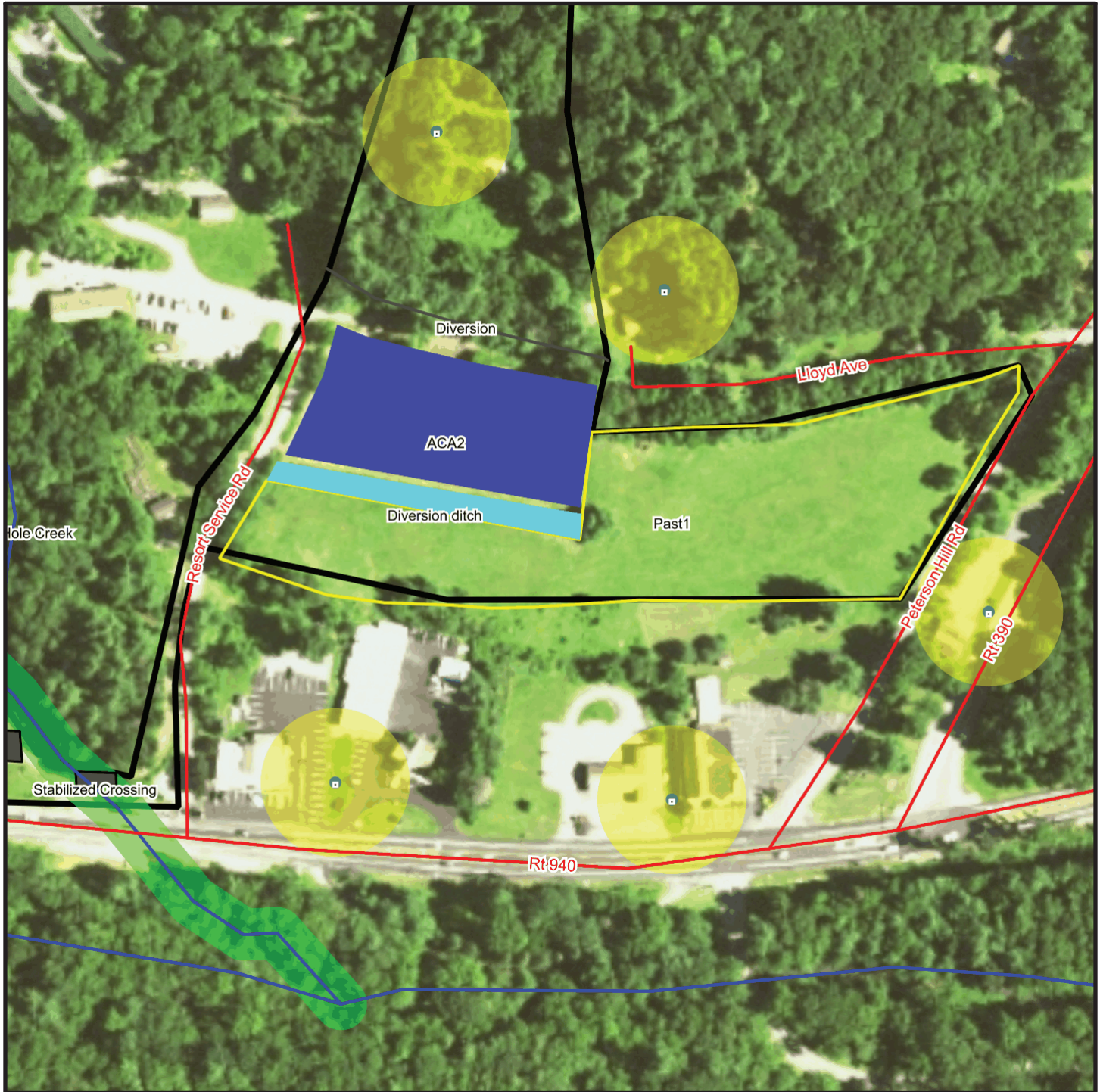
- | | | | |
|---------------|---------------|---------------------|------|
| field / CMU | water | manure stacking | AHUA |
| farm boundary | stream | vegetative buffer | well |
| homestead | sinkhole area | 100' manure setback | road |
| forest | sinkhole | 150' manure setback | |



Field Acreages

Field	Label	Description	Acres	Suitable Acres
Past1	Past1		4.14	4.14
Past2	Past2		0.08	0.05
		Totals	4.22	4.19

Mt. Creek Stables - Map 2



* 196.0 feet per inch
 0 98 196 294 392 feet

Legend

- | | | | |
|---------------|---------------|---------------------|------|
| field / CMU | water | manure stacking | AHUA |
| farm boundary | stream | vegetative buffer | well |
| homestead | sinkhole area | 100' manure setback | road |
| forest | sinkhole | 150' manure setback | |



Field Acreages

Field	Label	Description	Acres	Suitable Acres
Past1	Past1		4.14	4.14
Past2	Past2		0.08	0.05
		Totals	4.22	4.19

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:

<input checked="" type="checkbox"/>	Pennsylvania Act 38 of 2005	<input checked="" type="checkbox"/>	CAO	<input type="checkbox"/>	VAO (check one)
<input type="checkbox"/>	Pennsylvania CAFO (Concentrated Animal Feeding Operation) program				
<input type="checkbox"/>	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. Implementation includes adherence to manure and fertilizer application rates, timing, setbacks and conditions; installation of listed BMPs within implementation timeframes; and record keeping obligations of the program.

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

<input type="checkbox"/>	1-Year Plan for Crop Year _____	(annual updates will be completed)			
<input checked="" type="checkbox"/>	3-Year Plan for Crop Years	<table border="0" style="border-collapse: collapse;"> <tr> <td style="border: 1px solid black; text-align: center; width: 50px;">2022</td> <td style="border: 1px solid black; text-align: center; width: 50px;">2023</td> <td style="border: 1px solid black; text-align: center; width: 50px;">2024</td> </tr> </table>	2022	2023	2024
2022	2023	2024			

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:

<input checked="" type="checkbox"/>	Verification of Ag E&S Plan
<input checked="" type="checkbox"/>	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.

<input checked="" type="checkbox"/>	Owners Notified	<input type="checkbox"/>	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

Melissa Dubano

Date

12/17/2020

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

Ronald J. Jones

Operator Title

Lead Maintenance

Date

11-30-2020

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.

Mountain Creek Riding Stables, Inc. is a commercial horse trail riding operation located on the Paradise Valley Resort in Cresco, PA and operated by Ron and Cheryl Jones. They keep about 32 riding horses in the summer (mid-May through end of October) and 22 in the winter and 2 draft horses (all year) (total AEU's = 32.8). Working hours are from 8am to 6pm in the Spring through Fall and from 9am to 5pm in the winter. During non-working hours the horses are on ACA2 or pastured on field Past1. During working hours, the horses are brought down to a barn with 28 standing stalls for grooming and saddling. The horses are kept in ACA1 directly behind the barn and/or tied in a holding area while waiting for riders. Field Past1 is a permanent pasture and field Past2 is a small paddock adjacent to ACA1. Past2 is utilized as an isolation pen when new animals are added to the herd. The total land leased from Paradise Valley Resort is about 40 acres (ac) with 4.2 ac pasture, 3.3 ac for the farmstead and the rest is the forested area where trail rides occur. There is no crop or hay land. ACA1 and ACA3 are cleaned daily and added to the manure storage. ACA2 is scraped monthly into piles in the middle of the ACA and exported 2-3 times/year. All collected manure and bedding are exported for landscaping and soil amendment (making topsoil) purposes. Mortalities are handled by Dusk to Dawn animal removal service.

County(s)

Monroe county, Paradise township

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

Paradise Creek, Devil's Hole Creek

Notation of Special Protection Waters

Paradise Creek and Devil's Hole Creek are designated as HQ-CWF and an existing use classification of EV.

Operation Acres

Total Acres: 40.0

Total Acres Available for Nutrient Application Under Operator's Control

Owned: 0.0

Rented: 4.2

Names & Addresses of Owners of Rented or Leased Land

Paradise Stream PropCo, LLC, Rt. 940, Mt. Pocono, PA 18344

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.

An improved area (topsoil removed and replaced with crushed stone that was then compacted) with concrete block sides (18' x 18' x 4') is used to pile manure with a capacity of 1296 cuft. The manure storage receives manure and bedding (6 tons/year sawdust). There are no other additions to the storage. The manure is exported seasonally. Manure from ACA2 is scraped and exported 2-3 times/year. Book values were used since all collected manure is exported for non-agricultural use.

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.

N/A – All collected manure is exported from the operation.

Appendix 7 Stormwater Control

Date of Site Evaluation: 09/24/2020

Statement Documenting Areas Evaluated During Site Evaluation

List and clearly identify each of the specific areas evaluated.

I evaluated the buffer area between ACA1 and Paradise Creek and the edge of Past2 along Paradise Creek. I also evaluated the stabilized stream crossing by the bridge.

Identification of Critical Runoff Problem Areas

List of each specific critical runoff problem area identified.

None found.

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.

N/A

Appendix 8
Importer/Broker Agreements & NBSs

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

All collected manure and bedding is exported throughout the year to either Flood's Landscaping for use in landscaping or to an excavating company (Mark Nauman or Rinker Excavating) for soil amendment (making topsoil). The manure is exported seasonally. Manure from ACA2 is scraped and exported 2-3 times/year.

Exporter/Importer Agreement

Manure Used For Other Than Agricultural Land Application

Developed consistent with the PA Nutrient and Odor Management Act Program

- 1) This agreement is entered into on 1-11-18, by Mountain Creek Riding Stable (the "exporter") who will supply manure, and Mark Nauman (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): Monroe County, Paradise Twp
6190 Paradise Valley Road Cresco Pa 18326
- 4) The exporter will, as the supply of manure allows, provide the following amounts of manure during the seasons outlined below:

Tons of Horse (species) manure, per season:
 Spring 90 Summer 90 Fall 90 Winter 90

Gallons of _____ (species) manure, per season:
 Spring _____ Summer _____ Fall _____ Winter _____

Total planned manure exported: (supply of manure may be less than what is planned)
 Tons of Horse (species) manure: 360
 Gallons of _____ (species) manure: _____

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

- 5) The importer's location and other relevant information as it relates to this manure export, is as follows:
 - a) Phone number: 570 460 4559
 - b) County(s): Monroe
 - c) Address: 121 Blackberry Dr Cresco Pa 18326
 - d) Owner of the property receiving manure: MARK NAUMAN
 - e) Proposed usage of the imported manure: MAKE TOP SOIL

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) Records shall be maintained by the exporter for a minimum of 3 years
- 8) Where applicable, the importer shall properly store manure received from the exporter in accordance with the provisions of the Manure Management Manual and the Pa Technical Guide and shall not cause contamination of surface or ground water. This shall include manure stacked in application fields which may not be retained in fields for greater than 120 days unless covered or otherwise protected.
- 9) This agreement shall remain in full 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

Ronald J. Jones (signature)
Ronald J. Jones (name)
1-10-2018 (date)

Importer Signature, Name and Date

Mark Nauman (signature)
MARK NAUMAN (name)
1-11-18 (date)

Exporter/Importer Agreement Manure Used For Other Than Agricultural Land Application

Developed consistent with the PA Nutrient and Odor Management Act Program

- 1) This agreement is entered into on 7/1/19, by Mt. Creek Stables (the “exporter”) who will supply manure, and Rinker Excavating, LLC (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): Monroe/Paradise
6190 Paradise Valley Rd., Cresco, PA 18326
- 4) The exporter will, as the supply of manure allows, provide the following amounts of manure during the seasons outlined below:

Tons of Horse (*species*) manure, per season:
 Spring 40 Summer 40 Fall 40 Winter 40

Gallons of _____ (*species*) manure, per season:
 Spring _____ Summer _____ Fall _____ Winter _____

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

Tons of Horse (*species*) manure: 160

Gallons of _____ (*species*) manure: _____

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

- 5) The importer’s location and other relevant information as it relates to this manure export, is as follows:
 - a) **Phone number:** 570-656-8469
 - b) **County(s):** Monroe
 - c) **Address:** Lower SeeSe Hill Rd, Canadensis, PA 18325
 - d) **Owner of the property receiving manure:** Rinker Excavating
 - e) **Proposed usage of the imported manure:** Soil Enhancement

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 broker
 - b) Records shall be maintained by the broker for a minimum of 3 years
- 8) Where applicable, the importer shall properly store manure received from the broker in accordance with the provisions of the Manure Management Manual and the Pa Technical Guide and shall not cause contamination of surface or ground water. This shall include manure stacked in application fields which may not be retained in fields for greater than 120 days unless covered or otherwise protected.
- 9) This agreement shall remain in full effect unless terminated by either party upon thirty days prior written notice to the other party. If this agreement is terminated, the broker shall notify the county conservation district office that approved their nutrient management plan, of the termination.

Broker Signature, Name and Date

Ronald J. Jones (signature)
Ronald J. Jones (name)
7-1-19 (date)

Importer Signature, Name and Date

Gerald Rinker (signature)
Gerald Rinker (name)
7-1-19 (date)

Exporter/Importer Agreement Manure Used For Other Than Agricultural Land Application

Developed consistent with the PA Nutrient and Odor Management Act Program

- 1) This agreement is entered into on 7/1/19, by Mt. Creek Stables (the “exporter”) who will supply manure, and Rinker Excavating, LLC (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): Monroe/Paradise
6190 Paradise Valley Rd., Cresco, PA 18326
- 4) The exporter will, as the supply of manure allows, provide the following amounts of manure during the seasons outlined below:

Tons of Horse (species) manure, per season:

Spring 40 Summer 40 Fall 40 Winter 40

Gallons of _____ (species) manure, per season:

Spring _____ Summer _____ Fall _____ Winter _____

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

Tons of Horse (species) manure: 160

Gallons of _____ (species) manure: _____

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

- 5) The importer’s location and other relevant information as it relates to this manure export, is as follows:
 - a) **Phone number:** 570-656-8469
 - b) **County(s):** Monroe
 - c) **Address:** Lower SeeSe Hill Rd, Canadensis, PA 18325
 - d) **Owner of the property receiving manure:** Rinker Excavating
 - e) **Proposed usage of the imported manure:** Soil Enhancement

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 broker
 - b) Records shall be maintained by the broker for a minimum of 3 years
- 8) Where applicable, the importer shall properly store manure received from the broker in accordance with the provisions of the Manure Management Manual and the Pa Technical Guide and shall not cause contamination of surface or ground water. This shall include manure stacked in application fields which may not be retained in fields for greater than 120 days unless covered or otherwise protected.
- 9) This agreement shall remain in full effect unless terminated by either party upon thirty days prior written notice to the other party. If this agreement is terminated, the broker shall notify the county conservation district office that approved their nutrient management plan, of the termination.

Broker Signature, Name and Date

Ronald J. Jones (signature)
Ronald J. Jones (name)
2-1-19 (date)

Importer Signature, Name and Date

Debra Hicks (signature)
Debra Hicks (name)
2-1-19 (date)

Appendix 9

Operation Maps

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

Appendix 10

Supporting Information & Documentation

Crop Years 2022

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.

Mountain Creek Riding Stable, Inc.

current
2022-
2024
NMP

Animal Type	Animal Number		Weight (lbs)		Typical Production(Days)		Days/year		1000 lbs	AEUs (Animal Equivalent Units)
riding horses - full time	22	X	1100	X	365	/	365	/	1000	24.20
riding horses - summer only	10	X	1100	X	165	/	365	/	1000	4.97
draft horses	2	X	1800	X	365	/	365	/	1000	3.60
Total										
AEUs =										32.77

CAO Determination:

$$\frac{32.8}{\text{Total AEUs}} \div \frac{4.2}{\text{Acres}} = \frac{7.8}{\text{AEUs/ Acre}}$$

Bedding:

Summer (Jun-Aug = 13 weeks): They use 1 bale sawdust (6.5cuft) per 3 stalls (28 total stalls) every 2 weeks. 28 stalls/3 stalls = 9.3 bales every 2 weeks. 9.3 bales * 6.5 cuft/bale = 60.5 cuft sawdust/2 weeks
60.5cuft * 6.5 (13 weeks/2) = 393.3 cuft/summer * 12 lbs/cuft = 4719.6 lbs sawdust/summer ÷ 2000 lb/T = 2.4 T sawdust/summer

Rest of the year (Sep-May = 38 weeks): They use ½ the amount used in summer or 1 bale/6 stalls every 2 weeks. 28 stalls/6 stalls = 4.7 bales every 2 weeks. 4.7 bales * 6.5 cuft/bale = 30.6 cuft sawdust/2 weeks
30.6cuft * 19 (38 weeks/2) = 581.4 cuft/Sep-May * 12 lbs/cuft = 6976.8 lbs sawdust/Sep-May ÷ 2000 lb/T = 3.5 T sawdust/Sep-May

2.4 T + 3.5 T = 6.0 T sawdust/year

Calculator to determine manure nutrients deposited by grazing animals

Field or CMU ID		Acres	Field and Grazing Group Name	Animal Group	Animal Number	Grazing Season Information			Total Uncollected Manure deposited on the field Tons	Planned Manure Rate Uncollected Manure Tons/A	Weighted Average Manure Nutrients (lb/ton)			Grazing Note																																																
						Days on Pasture	Begin Month	End Month			N	P ₂ O ₅	K ₂ O																																																	
Past1	4.1	Field Past1 - Grazing Calculator	light horses full time - Uncollected	22	240	May	Dec	2	19.45	4.70	12	5	9	The grazing group includes the following animals on pasture: 22 horses from the light horses full time animal group, 2 hours per day for 240 days from May, to Dec. 2 horses from the Draft animal group, 2 hours per day for 240 days, from May, to Dec. 10 horses from the light horse summer only animal group, 2 hours per day for 165 days from May, to Oct.																																																
															Draft - Uncollected	2	240	May	Dec	2																																										
																					light horse summer only - Uncollected	10	165	May	Oct	2																																				

Summary of Total Uncollected Manure Deposited by Animal Groups	Total sum of days on pasture	Total Tons Uncollected manure allocated per animal group in the Grazing Group Manure Calculator	Total Tons Uncollected manure generated per animal group
light horses full time - Uncollected	270.0	13.92	13.31
Draft - Uncollected	240.0	1.98	1.98
light horse summer only - Uncollected	165.0	4.16	4.16

Emergency Response Plan

Developed for Ron Jones, Mt. Creek Riding Stables Farm

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

- 1) Ensure you and other people are safe, if the spill or leak involves a public road:
 - a. Contact police for traffic control
_____ @ _____
 - b. Use flares, safety cones, etc. to warn approaching motorists

- 2) Stop the leak or spill
 - a. If the leak or spill happens while emptying the storage:
 - Stop pumps, close valves, and/or stop siphoning of manure
 - Park on top of flexible piping to pinch it closed
 - If necessary, direct manure to another storage structure
 - Plug holes in the impoundment, build dams to capture the leak and either pump the manure back into storage or spread it on fields
 - b. If the leak or spill happens while on the road:
 - Pull off the side of the road
 - Plug the leak or otherwise stop the flow of manure from the tank
 - Build a berm or dike to keep manure from flowing into streams, ditch, etc.
 - Call the police to direct traffic
_____ @ _____

- 3) Contain and control the leak or spill:
 - a. Build containment dam to capture the manure. Use soil, gravel, hay bales, etc. Provide an area for the impounded manure to run into and be temporarily stored. Limit the area in contact with the manure. Use a contractor if necessary. Some local contractors or others with equipment in the area are:

Contractor Precision Excavating @ 570-369-6873

Contractor Rinker Excavating @ 570-656-8469
 - b. Prevent manure from running into streams, ditches, etc.
 - c. Use absorbent material to soak up the manure, such as straw, hay, sawdust, animal feed, or soil to limit or stop the flow
 - d. Check for contaminated subsurface tile lines and divert flow from tile inlets

- 4) Notify the proper authorities:

Pa DEP, Emergency Response number @ 570-826-2511 _____ **or**
http://www.portal.state.pa.us/portal/server.pt/community/report_an_incident/6010
 Monroe _____ **County Conservation District @ 570-629-3060**
PA Fish and Boat Commission @ 855-347-4545
Your nutrient management planner @ 814-667-3742

 - a. Make a record of details of the spill and actions you took. Take pictures of the extent of the spill and 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 leak or spill:
 - a. This may be directed by the authorities listed above.
 - b. Pick up absorbent material you used and properly dispose of the material
 - c. Restore the damaged area if necessary



**COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION**

DATE: January 5, 2021

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 January 5, 2021. As of that date, the plan was considered to be in its final form. The operation, located in Northumberland County, is considered to be a Concentrated Animal 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 owns and operators two broiler barns, a horse/garage barn and dog kennel near the borough of Sunbury, PA. The current broiler barns measuring 54ft x 500ft that house a total of 64,000 broiler birds (each holding 32,000 birds). The birds will have limited access to pasture adjacent to the barns. It is estimated that when poultry pasturing is allowed, approximately 5% of the birds exit the barn. Poultry pasture access is only allowed when the temperature is above 45 degrees with no rain or wind. A complete cleanout is performed between each flock of poultry. The operator is working with NRCS to install a roofed manure storage building for the poultry manure with an attached mortality composting facility. Finished compost and poultry litter will be exported to a known importer for crop use. The farm also plans to house 2 standard horses, 2 mini horses, 4-goat does and kids, 1 goat ram and 12-layer chickens. These other animals are classified as a small quantity manure group within the plan. Horses will be confined from time to time on the barn near the house. The rest of the animals will be on pasture year-round. A 40 ft. by 80 ft. dog kennel is also on site and the waste generated from the dogs is taken to the landfill.

The plan indicates that approximately 455 tons of poultry manure will be generated annually, and 4.2 tons of poultry manure will be applied to the poultry pastures. Approximately 36.4 tons of other animal manure is planned to be generated annually and 27 tons will be applied to pastures by these animals. The importer has significant crop acres to accommodate all the manure generated at Smucker's animal operation and the appropriate NBSs are included within the contents of the NMP.

Smucker's animal operation consists of 3.9ac of pasture for horses and other livestock. Pasture P2 has already been fenced. The operator plans to plant and install fencing to create pastures P1, 3 & 4. There is 1.2 ac of pasture for the broiler chickens. The garden is 0.2ac. The farmstead is 8.4ac. The remainder of the farm is now either enrolled in CREP or will be kept permanently fallow and will not be farmed.

The combined animal equivalent units at Smucker's animal operation are 157.98. The only crop production acres under Smucker's control is the permanent pastures that account for 5.3 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 29.81, 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, Roofed Manure Storage (broiler manure), another Manure Storage (for Horse manure), Fencing and Forage & Biomass Planting (pastures). All practices are planned to be completed by Fall 2022. These practices are needed to assist the operator with overall management of this proposed broiler and other animal 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 1.0

Agenda Item B.3.b

This NMP may be reviewed 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

October 19, 2020
Month, Day Year

Nutrient Management Plan

For Crop Year(s)

2022, 2023, 2024

Prepared For

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

NON-FINAL FORM
Version 2.0

This NMP may be reviewed 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

December 24, 2020
Month, Day Year

Prepared By

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

Jedd Moncavage, CPSS
TeamAg Inc.
120 Lake Street
Ephrata, PA 17522
717-721-6795

Nutrient Management Specialist's Program Certification Number

872NMC

Administratively Complete Date

October 19, 2020

Plan Approval Date

NON-FINAL FORM
Version 3.0

This NMP may be reviewed 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

January 5, 2021
Month, Day Year

Plan Update Submission Date(s)

(updates to the approved plan not requiring board action)



FINAL FORM

This version of the plan will be considered or action by the Conservation District Board at their Jan 19, 2021 meeting

January 5, 2021
MONTH, DAY AND YEAR

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Nutrient Management Plan Summary (Excel)

 Nutrient Management Plan Summary Notes (Excel)

 Manure Spreader Calibration Notes (Excel)

 Additional Nutrient Management Plan Requirements (Word)

 Operator Management Map (Mapping Program)

Appendix 1: Nutrient Management Plan Agreement & Responsibilities (Word)

Appendix 2: Operation Information (Word)

Appendix 3: Manure Group Information (Excel)

Appendix 4: Crop & Manure Management Information (Excel)

Appendix 5: Phosphorus Index (Excel)

Appendix 6: Manure Management (Word)

Appendix 7: Stormwater Control (Word)

Appendix 8: Importer/Broker Agreements & Nutrient Balance Sheets (Word & Excel)

Appendix 9: Operation Maps (Mapping Program)

 Topographic Map

 Soils Map

Appendix 10: Supporting Information & Documentation (Excel)

(List below the required documents included in the plan.)

 Poultry Pasture Information

 Dog Kennel Waste Disposal Documentation

 Emergency Response Plan

Nutrient Management Plan Summary

Total acres reported in NMP Summary: 5.3

Crop Year(s) 2022

Whole Farm Note:

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

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

Operation Acres:

Total Acres: 13.7

Total Acres Available For Nutrient Application Under Operator's Control: Owned: 5.3

Rented: 0

Animal Equivalent Units: 157.98

Animal Equivalent Units Per Acre: 29.81

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		
P1	1	Established Pasture (without legume)	Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing											
P1	1	Established Pasture (without legume)	Mini Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing											
P1	1	Established Pasture (without legume)	Goat Does - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing											
P1	1	Established Pasture (without legume)	Goat Kids - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing											
P1	1	Established Pasture (without legume)	Goat Buck - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing											

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

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

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
P1	1	Established Pasture (without legume)	Layer Chickens - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	0	0	0	45	0	0	0	-41	-14
P2	0.5	Established Pasture (without legume)	Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
P2	0.5	Established Pasture (without legume)	Mini Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
P2	0.5	Established Pasture (without legume)	Goat Does - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
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P2	0.5	Established Pasture (without legume)	Layer Chickens - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	0	0	0	45	0	0	0	-41	-14
P3	0.8	Established Pasture (without legume)	Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
P3	0.8	Established Pasture (without legume)	Mini Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
P3	0.8	Established Pasture (without legume)	Goat Does - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
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							N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O		
P3	0.8	Established Pasture (without legume)	Goat Buck - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes											
P3	0.8	Established Pasture (without legume)	Layer Chickens - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes	0	0	0	45	0	0	0	-41	-4		
P4	1.6	Established Pasture (without legume)	Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes											
P4	1.6	Established Pasture (without legume)	Mini Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes											
P4	1.6	Established Pasture (without legume)	Goat Does - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes											
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P4	1.6	Established Pasture (without legume)	Layer Chickens - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes	0	0	0	45	0	0	0	-41	-84		
CP1	0.7	Established Pasture (without legume)	Pastured Broiler Barn 1 - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes	0	0	0	55	0	0	0	-45	7		
CP2	0.5	Established Pasture (without legume)	Pastured Broiler Barn 2 - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes	0	0	0	51	0	0	0	-63	-46		

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

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
Garden	0.2	Mixed Vegetables	Small Quantity	Late Fall	Late Fall: Summer Utilization. Single crop corn or annuals- No cover crop	27 tons/A	0	0	0	0	0	0	-85	-28	

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

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CMU/Field ID	Notes
P3	2 horses, 2 mini horses will be pastured for 24hrs/day for approximately 280 days. 4 goat does, 4 goat kids, 1 goat ram and 12 layer chickens will be on pasture 100% of the time. The will be rotated around the pasture. Supplemental feed and water are supplied in the pasture. The horses are confined to the barn at times.
P3	2 horses, 2 mini horses will be pastured for 24hrs/day for approximately 280 days. 4 goat does, 4 goat kids, 1 goat ram and 12 layer chickens will be on pasture 100% of the time. The will be rotated around the pasture. Supplemental feed and water are supplied in the pasture. The horses are confined to the barn at times.
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P4	2 horses, 2 mini horses will be pastured for 24hrs/day for approximately 280 days. 4 goat does, 4 goat kids, 1 goat ram and 12 layer chickens will be on pasture 100% of the time. The will be rotated around the pasture. Supplemental feed and water are supplied in the pasture. The horses are confined to the barn at times.
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CP1	Broilers have access to the pasture when the temperature is above 45 degrees with no rain or wind. It is estimated that 5% of the birds (1600/barn) actually exit the barns. It is estimated that there may be as many as 53days per year that meet pasturing criteria.
CP2	Broilers have access to the pasture when the temperature is above 45 degrees with no rain or wind. It is estimated that 5% of the birds (1600/barn) actually exit the barns. It is estimated that there may be as many as 53days per year that meet pasturing criteria.
Garden	The remainder of the collected horse manure is either used as mulch in the flower beds around the house or hand spread on the pasture.

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

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

Nutrient Management Plan Summary

Total acres reported in NMP Summary: 5.3

Crop Year(s) 2023

Whole Farm Note:

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

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

Operation Acres:

Total Acres: 13.7

Total Acres Available For Nutrient Application Under Operator's Control: Owned: 5.3

Rented: 0

Animal Equivalent Units: 157.98

Animal Equivalent Units Per Acre: 29.81

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		
P1	1	Established Pasture (without legume)	Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing											
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							N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O
P1	1	Established Pasture (without legume)	Layer Chickens - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	0	0	0	45	0	0	0	-41	-14
P2	0.5	Established Pasture (without legume)	Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
P2	0.5	Established Pasture (without legume)	Mini Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
P2	0.5	Established Pasture (without legume)	Goat Does - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
P2	0.5	Established Pasture (without legume)	Goat Kids - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
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P3	0.8	Established Pasture (without legume)	Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
P3	0.8	Established Pasture (without legume)	Mini Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
P3	0.8	Established Pasture (without legume)	Goat Does - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
P3	0.8	Established Pasture (without legume)	Goat Kids - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								

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

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

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		
P3	0.8	Established Pasture (without legume)	Goat Buck - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes											
P3	0.8	Established Pasture (without legume)	Layer Chickens - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes	0	0	0	45	0	0	0	-41	-4		
P4	1.6	Established Pasture (without legume)	Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes											
P4	1.6	Established Pasture (without legume)	Mini Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes											
P4	1.6	Established Pasture (without legume)	Goat Does - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes											
P4	1.6	Established Pasture (without legume)	Goat Kids - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes											
P4	1.6	Established Pasture (without legume)	Goat Buck - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes											
P4	1.6	Established Pasture (without legume)	Layer Chickens - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes	0	0	0	45	0	0	0	-41	-84		
CP1	0.7	Established Pasture (without legume)	Pastured Broiler Barn 1 - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes	0	0	0	55	0	0	0	-45	7		
CP2	0.5	Established Pasture (without legume)	Pastured Broiler Barn 2 - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes	0	0	0	51	0	0	0	-63	-46		

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

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

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
Garden	0.2	Mixed Vegetables	Small Quantity	Late Fall	Late Fall: Summer Utilization. Single crop corn or annuals- No cover crop	27 tons/A	0	0	0	0	0	0	-85	-28	

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

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

CMU/Field ID	Notes
P3	2 horses, 2 mini horses will be pastured for 24hrs/day for approximately 280 days. 4 goat does, 4 goat kids, 1 goat ram and 12 layer chickens will be on pasture 100% of the time. The will be rotated around the pasture. Supplemental feed and water are supplied in the pasture. The horses are confined to the barn at times.
P3	2 horses, 2 mini horses will be pastured for 24hrs/day for approximately 280 days. 4 goat does, 4 goat kids, 1 goat ram and 12 layer chickens will be on pasture 100% of the time. The will be rotated around the pasture. Supplemental feed and water are supplied in the pasture. The horses are confined to the barn at times.
P3	2 horses, 2 mini horses will be pastured for 24hrs/day for approximately 280 days. 4 goat does, 4 goat kids, 1 goat ram and 12 layer chickens will be on pasture 100% of the time. The will be rotated around the pasture. Supplemental feed and water are supplied in the pasture. The horses are confined to the barn at times.
P3	2 horses, 2 mini horses will be pastured for 24hrs/day for approximately 280 days. 4 goat does, 4 goat kids, 1 goat ram and 12 layer chickens will be on pasture 100% of the time. The will be rotated around the pasture. Supplemental feed and water are supplied in the pasture. The horses are confined to the barn at times.
P4	2 horses, 2 mini horses will be pastured for 24hrs/day for approximately 280 days. 4 goat does, 4 goat kids, 1 goat ram and 12 layer chickens will be on pasture 100% of the time. The will be rotated around the pasture. Supplemental feed and water are supplied in the pasture. The horses are confined to the barn at times.
P4	2 horses, 2 mini horses will be pastured for 24hrs/day for approximately 280 days. 4 goat does, 4 goat kids, 1 goat ram and 12 layer chickens will be on pasture 100% of the time. The will be rotated around the pasture. Supplemental feed and water are supplied in the pasture. The horses are confined to the barn at times.
P4	2 horses, 2 mini horses will be pastured for 24hrs/day for approximately 280 days. 4 goat does, 4 goat kids, 1 goat ram and 12 layer chickens will be on pasture 100% of the time. The will be rotated around the pasture. Supplemental feed and water are supplied in the pasture. The horses are confined to the barn at times.
P4	2 horses, 2 mini horses will be pastured for 24hrs/day for approximately 280 days. 4 goat does, 4 goat kids, 1 goat ram and 12 layer chickens will be on pasture 100% of the time. The will be rotated around the pasture. Supplemental feed and water are supplied in the pasture. The horses are confined to the barn at times.
P4	2 horses, 2 mini horses will be pastured for 24hrs/day for approximately 280 days. 4 goat does, 4 goat kids, 1 goat ram and 12 layer chickens will be on pasture 100% of the time. The will be rotated around the pasture. Supplemental feed and water are supplied in the pasture. The horses are confined to the barn at times.
P4	2 horses, 2 mini horses will be pastured for 24hrs/day for approximately 280 days. 4 goat does, 4 goat kids, 1 goat ram and 12 layer chickens will be on pasture 100% of the time. The will be rotated around the pasture. Supplemental feed and water are supplied in the pasture. The horses are confined to the barn at times.
CP1	Broilers have access to the pasture when the temperature is above 45 degrees with no rain or wind. It is estimated that 5% of the birds (1600/barn) actually exit the barns. It is estimated that there may be as many as 53days per year that meet pasturing criteria.
CP2	Broilers have access to the pasture when the temperature is above 45 degrees with no rain or wind. It is estimated that 5% of the birds (1600/barn) actually exit the barns. It is estimated that there may be as many as 53days per year that meet pasturing criteria.
Garden	The remainder of the collected horse manure is either used as mulch in the flower beds around the house or hand spread on the pasture.

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

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

Nutrient Management Plan Summary

Total acres reported in NMP Summary: 5.3

Crop Year(s) 2024

Whole Farm Note:

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

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

Operation Acres:

Total Acres: 13.7

Total Acres Available For Nutrient Application Under Operator's Control: 5.3

Rented: 0

Animal Equivalent Units: 157.98

Animal Equivalent Units Per Acre: 29.81

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		
P1	1	Established Pasture (without legume)	Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing											
P1	1	Established Pasture (without legume)	Mini Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing											
P1	1	Established Pasture (without legume)	Goat Does - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing											
P1	1	Established Pasture (without legume)	Goat Kids - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing											
P1	1	Established Pasture (without legume)	Goat Buck - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing											

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

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

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
P1	1	Established Pasture (without legume)	Layer Chickens - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	0	0	0	45	0	0	0	-41	-14
P2	0.5	Established Pasture (without legume)	Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
P2	0.5	Established Pasture (without legume)	Mini Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
P2	0.5	Established Pasture (without legume)	Goat Does - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
P2	0.5	Established Pasture (without legume)	Goat Kids - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
P2	0.5	Established Pasture (without legume)	Goat Buck - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
P2	0.5	Established Pasture (without legume)	Layer Chickens - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	0	0	0	45	0	0	0	-41	-14
P3	0.8	Established Pasture (without legume)	Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
P3	0.8	Established Pasture (without legume)	Mini Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
P3	0.8	Established Pasture (without legume)	Goat Does - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								
P3	0.8	Established Pasture (without legume)	Goat Kids - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	Grazing	See Notes								

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

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

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		
P3	0.8	Established Pasture (without legume)	Goat Buck - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes											
P3	0.8	Established Pasture (without legume)	Layer Chickens - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes	0	0	0	45	0	0	0	-41	-4		
P4	1.6	Established Pasture (without legume)	Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes											
P4	1.6	Established Pasture (without legume)	Mini Horses - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes											
P4	1.6	Established Pasture (without legume)	Goat Does - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes											
P4	1.6	Established Pasture (without legume)	Goat Kids - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes											
P4	1.6	Established Pasture (without legume)	Goat Buck - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes											
P4	1.6	Established Pasture (without legume)	Layer Chickens - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes	0	0	0	45	0	0	0	-41	-84		
CP1	0.7	Established Pasture (without legume)	Pastured Broiler Barn 1 - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes	0	0	0	55	0	0	0	-45	7		
CP2	0.5	Established Pasture (without legume)	Pastured Broiler Barn 2 - Uncollected	Grazing	Grazing anytime with nutrient uptake during growing season	See Notes	0	0	0	51	0	0	0	-63	-46		

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

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

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
Garden	0.2	Mixed Vegetables	Small Quantity	Late Fall	Late Fall: Summer Utilization. Single crop corn or annuals- No cover crop	27 tons/A	0	0	0	0	0	0	-85	-28	

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

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

CMU/Field ID	Notes
P3	2 horses, 2 mini horses will be pastured for 24hrs/day for approximately 280 days. 4 goat does, 4 goat kids, 1 goat ram and 12 layer chickens will be on pasture 100% of the time. The will be rotated around the pasture. Supplemental feed and water are supplied in the pasture. The horses are confined to the barn at times.
P3	2 horses, 2 mini horses will be pastured for 24hrs/day for approximately 280 days. 4 goat does, 4 goat kids, 1 goat ram and 12 layer chickens will be on pasture 100% of the time. The will be rotated around the pasture. Supplemental feed and water are supplied in the pasture. The horses are confined to the barn at times.
P3	2 horses, 2 mini horses will be pastured for 24hrs/day for approximately 280 days. 4 goat does, 4 goat kids, 1 goat ram and 12 layer chickens will be on pasture 100% of the time. The will be rotated around the pasture. Supplemental feed and water are supplied in the pasture. The horses are confined to the barn at times.
P3	2 horses, 2 mini horses will be pastured for 24hrs/day for approximately 280 days. 4 goat does, 4 goat kids, 1 goat ram and 12 layer chickens will be on pasture 100% of the time. The will be rotated around the pasture. Supplemental feed and water are supplied in the pasture. The horses are confined to the barn at times.
P4	2 horses, 2 mini horses will be pastured for 24hrs/day for approximately 280 days. 4 goat does, 4 goat kids, 1 goat ram and 12 layer chickens will be on pasture 100% of the time. The will be rotated around the pasture. Supplemental feed and water are supplied in the pasture. The horses are confined to the barn at times.
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CP1	Broilers have access to the pasture when the temperature is above 45 degrees with no rain or wind. It is estimated that 5% of the birds (1600/barn) actually exit the barns. It is estimated that there may be as many as 53days per year that meet pasturing criteria.
CP2	Broilers have access to the pasture when the temperature is above 45 degrees with no rain or wind. It is estimated that 5% of the birds (1600/barn) actually exit the barns. It is estimated that there may be as many as 53days per year that meet pasturing criteria.
Garden	The remainder of the collected horse manure is either used as mulch in the flower beds around the house or hand spread on the pasture.

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

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

Manure Spreader Calibration Notes

Crop Years 2022

1

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

Additional Nutrient Management Plan Requirements

Manure Management and Stormwater BMP Implementation Summary

Best Management Practice	NRCS Practice Code ¹	BMP Location	Implementation Season & Year
Waste Storage Facility	313	Farmstead	Fall 2022
Animal Mortality Facility	316	Farmstead	Fall 2022
Export broiler manure immediately during cleanout (do not stack)	NA	broiler barns	Spring 2021
Meet all Act 38 Manure Storage setback requirements	NA	Horse Manure Stack: Maintain at least 100ft from property lines or get a waiver	Spring 2021
Fencing	382	P1, 3, 4	Fall 2021
Forage & Biomass Planting	512	P1, 3, 4	Fall 2021

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.

There are no plans to 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.

The operator is in the process for working with NRCS to implement a roofed manure storage building that will also incorporate a mortality composting area. The preliminary design by NRCS indicates that the manure storage portion of the structure will be 40ft x 120ft which will provide 32,487cuft (~490tons) of storage volume. An additional 24ft will be added to the front of the building to provide space for composting bins.

Description of Planned Alternative Manure Technology Practices

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

None

Exported Manure Summary

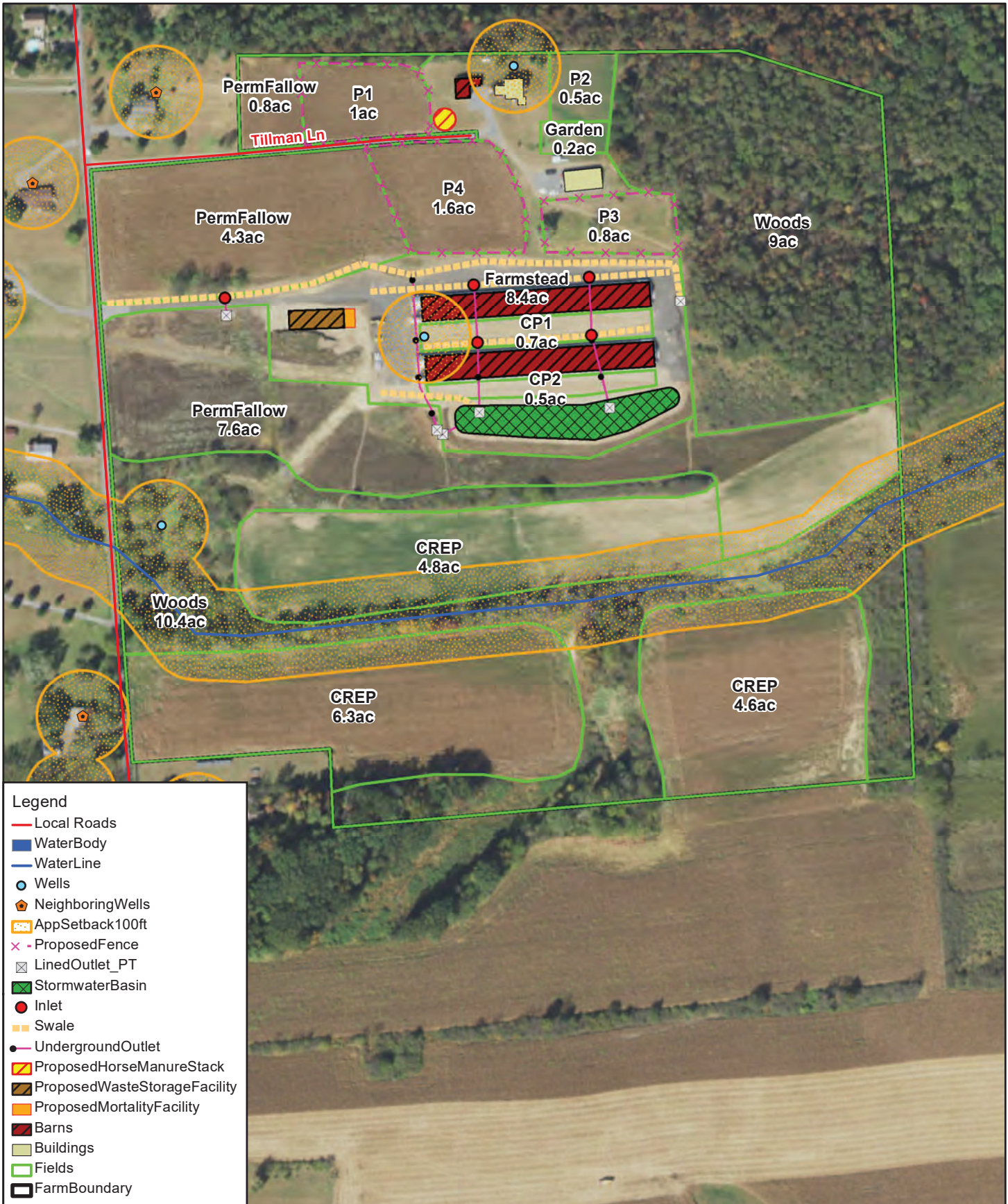
Summarize in a short paragraph the arrangements proposed for the manure to be exported from the operation. This information is described in more detail in Appendix 8 of this plan.

All of the broiler manure will be exported to known landowners for application to cropland.

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 Farm Operator 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:

<input checked="" type="checkbox"/>	Pennsylvania Act 38 of 2005	<input checked="" type="checkbox"/>	CAO	<input type="checkbox"/>	VAO (check one)
<input type="checkbox"/>	Pennsylvania CAFO (Concentrated Animal Feeding Operation) program				
<input checked="" type="checkbox"/>	Other program: <u>NRCS 590</u>				

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

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

<input type="checkbox"/>	1-Year Plan for Crop Year	<u> </u>	(annual updates will be completed)		
<input checked="" type="checkbox"/>	3-Year Plan for Crop Years	<u>2022</u>	<u>2023</u>	<u>2024</u>	

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:

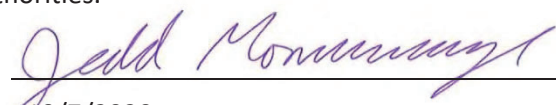
<input type="checkbox"/>	Verification of Ag E&S Plan	<input checked="" type="checkbox"/>	No Ag E&S Plan Required		
<input checked="" type="checkbox"/>	Verification of Existing Site Specific Emergency Response Plan				

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.

<input type="checkbox"/>	Owners Notified	<input checked="" type="checkbox"/>	No Rented/Leased Lands		
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Specialist Signature

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

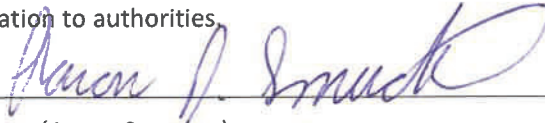
Specialist Signature 

Date 10/7/2020

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 (Aaron Smucker)

Date

10-13-20

Appendix 2

Operation Information

Operation Description

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

This farm primarily raises broiler chickens. There are 2 barns each 54ft x 500ft that house a total of 64,000 broiler birds. The birds will have limited access to pasture adjacent to the barns. It is estimated that when pasturing is allowed, approximately 5% of the birds (3,200) exit the barn. Pasture access is allowed only when the temperature is above 45 degrees with no rain or wind. A complete cleanout is done between flocks and fresh wood shavings are used as bedding each time. The operator is working with NRCS to install a roofed manure storage building. The proposed storage structure will also incorporate an area for composting mortalities. Finished compost will be exported with the rest of the broiler manure. The farm also houses 2 standard horses, 2 mini horses, 4 goat does and kids, 1 goat ram and 12 layer chickens. These animals will be documented as a small quantity manure group within the plan. Horses will be confined from time to time on the barn near the house. The rest will be on pasture year round. The small amount of manure collected from the horse barn is heavily bedded and will be used in the garden or as mulch in the flower beds around the house or exported with the broiler manure.

The farm will consists of 3.9ac of pasture for horses and other livestock. Pasture P2 has already been fenced. The operator plans to install fence to create pastures P1, 3 & 4. There is 1.2ac of pasture for the broiler chickens. The garden is 0.2ac. The farmstead is 8.4ac. The remainder of the farm is now either enrolled in CREP or will be kept permanently fallow and will not be farmed.

County(s)

Northumberland County / Rockefeller Township

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

UNT to Plum Creek - CWF

Notation of Special Protection Waters

None

Operation Acres

Total Acres: 13.7

Total Acres Available for Nutrient Application Under Operator's Control

Owned: 5.3

Rented: 0

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

NA

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 existing manure storages at this time.

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 will be spread by hand.

Appendix 6

Manure Management

Date of Site Evaluation: 9/29/2020

Statement Documenting Areas Evaluated During Site Evaluation

List and clearly identify each of the specific areas evaluated.

The horse barn, broiler barns, existing and proposed pastures and temporary manure stacking and location of proposed manure storage were evaluated during the site visit.

Identification of Inadequate Manure Management Practices and Conditions

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

The operator currently stacks broiler manure in front of the broiler barns. The stacking location is inadequate. Broiler manure will need to be cleaned from the barns and exported immediately. The importer has appropriate stacking locations. The operator should retain only enough broiler manure to compost mortalities. The operator is working with NRCS to design and install a dual use manure storage and mortality composting structure which will be the long term solution for this resource concern. The horse manure stacking area will need to be moved to a location at least 100ft from the property line or a property line setback waiver will be needed in order to meet the Act 38 setback requirements for manure storage. The operator intends to establish additional pastures as depicted on the maps. Fencing and forage and biomass planting will be needed.

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.

1. Do not stack broiler manure – export immediately
2. Waste Storage Facility – NRCS 313
3. Animal Mortality Facility – NRCS 316
4. Meet all Act 38 Manure Storage Setback Requirements for horse manure stack
5. Fencing – NRCS 382
6. Forage & Biomass Planting – NRCS 512

Appendix 7 Stormwater Control

Date of Site Evaluation: 9/29/2020

Statement Documenting Areas Evaluated During Site Evaluation

List and clearly identify each of the specific areas evaluated.

Existing and proposed pastures P1, 2, 3, 4 and CP1 & 2 as well as the general farmstead area were evaluated during the site visit. There were no critical runoff problems observed in the existing and proposed pastures. At the time of the site visit it appeared that all required stormwater practices associated with the construction of the broiler barns were recently completed and seeded and mulched.

Identification of Critical Runoff Problem Areas

List of each specific critical runoff problem area identified.

None

BMPs to Address Critical Runoff Problem Areas

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

None

Appendix 8
Importer/Broker Agreements & NBSs

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

Nutrient Balance Sheet

Prepared for

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

Prepared by

Jedd Moncavage, CPSS
872-NMC
TeamAg Inc.
120 Lake Street
Ephrata, PA 17522
717-721-6795



Nutrient Management Specialist or Broker 2 Signature

Date of Development

October 7, 2020

This nutrient balance sheet has been developed for manure exported for agricultural land application under the following Act 38 export option:

- Exported to a known operation (included in Exporter NMP)
- Exported through a broker (include Broker information below if not prepared by a broker)

Broker Information

NA
NA
NA
NA

Exporter Information

Aaron Smucker
286 Airport Road
Sunbury, PA 17801
717-587-5392
Northumberland



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, Earl Comfort, David Tressler, Steve Tressler, Steve Petersheim, Bonita Campbell, Frank Zychek, Bill Engle, Ken Smith, Gary Young, Lawrence Toccket
 - 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:** 942.3 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 Summary

Importing Farm: Jeff Pontius - Pontius Farms

Whole Farm Note: None

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

Crop Group	Fields	Acres	Crop	Manure Group	Application Season	Application Management	Multiple Designation	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
Com Grain N-Balance Spring	BC1-9, CSN1, E1, Ec1-10, GC1-24, H1-32, KS1-3, LT1-4, OS1-3, TOW1-14, Z	236	Com for Grain (No-till)	Smucker Broiler Manure	Spring	Spring: Spring or summer utilization-incorporation after 7 days or none		3 Tons/A	16	47	16	118	0	-122	-132		
Com Grain N-Balance Fall	BC1-9, CSN1, E1, Ec1-10, GC1-24, H1-32, KS1-3, LT1-4, OS1-3, TOW1-14, Z	236	Com for Grain (No-till)	Smucker Broiler Manure	Early Fall	Early Fall: Summer utilization with no cover crop. All methods of incorporation		3 Tons/A	16	47	16	118	0	-122	-132		
Com Grain After Soybeans N-Balance Spring	BC1-9, CSN1, E1, Ec1-10, GC1-24, H1-32, KS1-3, LT1-4, OS1-3, TOW1-14, Z	236	Com for Grain (No-till)	Smucker Broiler Manure	Spring	Spring: Spring or summer utilization-incorporation after 7 days or none		3 Tons/A	16	47	16	68	0	-122	-132		
Com Grain After Soybeans N-Balance Fall	BC1-9, CSN1, E1, Ec1-10, GC1-24, H1-32, KS1-3, LT1-4, OS1-3, TOW1-14, Z	236	Com for Grain (No-till)	Smucker Broiler Manure	Early Fall	Early Fall: Summer utilization with no cover crop. All methods of incorporation		3 Tons/A	16	47	16	68	0	-122	-132		
Soybeans N-Balance Spring	BC1-9, CSN1, E1, Ec1-10, GC1-24, H1-32, KS1-3, LT1-4, OS1-3, TOW1-14, Z	236	Soybeans with Manure	Smucker Broiler Manure	Spring	Spring: Spring or summer utilization-incorporation after 7 days or none		3 Tons/A	0	0	0	114	0	-97	-100		
Soybeans N-Balance Fall	BC1-9, CSN1, E1, Ec1-10, GC1-24, H1-32, KS1-3, LT1-4, OS1-3, TOW1-14, Z	236	Soybeans with Manure	Smucker Broiler Manure	Early Fall	Early Fall: Summer utilization with no cover crop. All methods of incorporation		3 Tons/A	0	0	0	114	0	-97	-100		
Wheat N-Balance Fall	BC1-9, CSN1, E1, Ec1-10, GC1-24, H1-32, KS1-3, LT1-4, OS1-3, TOW1-14, Z	234.3	Wheat	Smucker Broiler Manure	Late Fall	Late Fall: Early Spring Utilization. Small grains and established grass or legume hay		3 Tons/A	0	0	0	7	0	-47	10		

¹ See Nutrient Management Plan Summary Notes

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

³ Multiple Designation Mi=Initial, M=Middle(s), Mf=Final

NBS Summary Notes

Importing Farm: Jeff Pontius - Pontius Farms

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Crop Group	Fields	Crop	Manure Group	Nutrient Balance Notes	Notes
Corn Grain N-Balance Spring	BC1-9, CSN1, E1, Ec1-10, GC1-24, H1-32, KS1-3, LT1 4, OS1-3, TOW1-14, Z	Corn for Grain (No-ill)	Smucker Broiler Manure	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	BC1-9, CSN1, E1, Ec1-10, GC1-24, H1-32, KS1-3, LT1 4, OS1-3, TOW1-14, Z	Corn for Grain (No-ill)	Smucker Broiler Manure	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	BC1-9, CSN1, E1, Ec1-10, GC1-24, H1-32, KS1-3, LT1 4, OS1-3, TOW1-14, Z	Corn for Grain (No-ill)	Smucker Broiler Manure	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	BC1-9, CSN1, E1, Ec1-10, GC1-24, H1-32, KS1-3, LT1 4, OS1-3, TOW1-14, Z	Corn for Grain (No-ill)	Smucker Broiler Manure	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	BC1-9, CSN1, E1, Ec1-10, GC1-24, H1-32, KS1-3, LT1 4, OS1-3, TOW1-14, Z	Soybeans with Manure	Smucker Broiler Manure	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	BC1-9, CSN1, E1, Ec1-10, GC1-24, H1-32, KS1-3, LT1 4, OS1-3, TOW1-14, Z	Soybeans with Manure	Smucker Broiler Manure	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.
Wheat N-Balance Fall	BC1-9, CSN1, E1, Ec1-10, GC1-24, H1-32, KS1-3, LT1 4, OS1-3, TOW1-14, Z	Wheat	Smucker Broiler Manure	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.

Manure Group Information

Appendix 3 Manure Group Information	Smucker Broiler Manure
Manure Report Date (note if averaging several reports)	October 2, 2020
Laboratory Name	Spectrum
Manure Type	Poultry
Manure Unit (lbs/ton or 1000 gal)	lb/ton
Total Nitrogen (N) (lbs/ton or 1000 gal)	57.20
Ammonium N (NH ₄ -N) (lbs/ton or 1000 gal)	4.80
Total Organic N (lbs/ton or 1000 gal)	52.40
Total Phosphate (P ₂ O ₅) (lbs/ton or 1000 gal)	49.00
Total Potash (K ₂ O) (lbs/ton or 1000 gal)	56.60
Percent Solids	83.83
PSC Value (analytical or book value)	0.80

Option 1 P Removal Option 2 Nitrogen Based Nutrient Balance Sheets		Option 1 P Removal	Option 2 Nitrogen Based	Option 3 Nitrogen Based	Option 4 Nitrogen Based	Option 5 Nitrogen Based
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	Corn Grain After Soybeans N-Balance Spring	Corn Grain After Soybeans N-Balance Fall
Fields	BC1-9, CSN1, E1, Ec1-10, GC1+24, H1-32, KS1-3, LT1-4, OS1-3, TOW1-14, Z	BC1-9, CSN1, E1, Ec1-10, GC1+24, H1-32, KS1-3, LT1-4, OS1-3, TOW1-14, Z	BC1-9, CSN1, E1, Ec1-10, GC1+24, H1-32, KS1-3, LT1-4, OS1-3, TOW1-14, Z	BC1-9, CSN1, E1, Ec1-10, GC1+24, H1-32, KS1-3, LT1-4, OS1-3, TOW1-14, Z	BC1-9, CSN1, E1, Ec1-10, GC1+24, H1-32, KS1-3, LT1-4, OS1-3, TOW1-14, Z	BC1-9, CSN1, E1, Ec1-10, GC1+24, H1-32, KS1-3, LT1-4, OS1-3, TOW1-14, Z
Acres	236	236	236	236	236	236
NBS Option	Option 2 Nitrogen Requirement	Option 2 Nitrogen Requirement	Option 2 Nitrogen Requirement	Option 2 Nitrogen Requirement	Option 2 Nitrogen Requirement	Option 2 Nitrogen Requirement
Mehlich 3 Soil Test P For Option 2 enter maximum Soil Test For Option 3 enter soil test for PI	ppm P 119	ppm P 119	ppm P 119	ppm P 119	ppm P 119	ppm P 119
P Index Part A Evaluation Part A Result						
Crop	Corn for Grain (No-till)	Corn for Grain (No-till)	Corn for Grain (No-till)	Corn for Grain (No-till)	Corn for Grain (No-till)	Corn for Grain (No-till)
Planned Yield	180 bu/A	180 bu/A	180 bu/A	180 bu/A	180 bu/A	180 bu/A
Crop Removal Recommendations (lb/A)	N 180 P2O5 72 K2O 54	N 180 P2O5 72 K2O 54	N 180 P2O5 72 K2O 54	N 180 P2O5 72 K2O 54	N 180 P2O5 72 K2O 54	N 180 P2O5 72 K2O 54
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	16 47 16	16 47 16
P Index Application Method						
Double Crop Carry Over N (lb/A)	0	0	0	0	0	0
Manure History Description Residual Manure N (lb/A)	Frequently - Summer Crop 20	Frequently - Summer Crop 20	Frequently - Summer Crop 20	Frequently - Summer Crop 20	Frequently - Summer Crop 20	Frequently - Summer Crop 20
Legume History Description Residual Legume N (lb/A)	No Previous Year Legume 0	No Previous Year Legume 0	Soybeans, 50 bu/A 50	Soybeans, 50 bu/A 50	Soybeans, 50 bu/A 50	No Previous Year Legume 0
Net Nutrients Required (lb/A)	144 25 38	144 25 38	94 25 38	94 25 38	94 25 38	140 50 70
Manure Group	Smucker Broiler Manure	Smucker Broiler Manure	Smucker Broiler Manure	Smucker Broiler Manure	Smucker Broiler Manure	Smucker Broiler Manure
Units	lb/ton	lb/ton	lb/ton	lb/ton	lb/ton	lb/ton
Manure Nutrient Content (lbs/ton or 1000 gal)	N 57.20 P2O5 49.00 K2O 56.60	N 57.20 P2O5 49.00 K2O 56.60	N 57.20 P2O5 49.00 K2O 56.60	N 57.20 P2O5 49.00 K2O 56.60	N 57.20 P2O5 49.00 K2O 56.60	N 57.20 P2O5 49.00 K2O 56.60
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	Spring: Spring or summer utilization- Incorporation after 7 days or none
Availability Factors (Total N or NH4-N & Organic N)	Total N 0.15 NH4-N Org. N	Total N 0.15 NH4-N Org. N	Total N 0.15 NH4-N Org. N	Total N 0.15 NH4-N Org. N	Total N 0.15 NH4-N Org. N	Total N 0.15 NH4-N Org. N
P Index Application Method						
N Balanced Manure Rate (ton; gal/A)	17 tons/A	17 tons/A	11 tons/A	11 tons/A	11 tons/A	16 tons/A
P Removal Balance Manure Rate (ton or gal/A; if required by P Index)	1 tons/A	1 tons/A	1 tons/A	1 tons/A	1 tons/A	1 tons/A
P Index Value	3 tons/A	3 tons/A	3 tons/A	3 tons/A	3 tons/A	3 tons/A
Planned Manure Rate (ton or gal/A)	26 147 170	26 147 170	26 147 170	26 147 170	26 147 170	26 147 170
Nutrients Applied at Planned Manure Rate (lb/A)	118 -122 -132	118 -122 -132	68 -122 -132	68 -122 -132	68 -122 -132	114 -97 -100
Nutrient Balance after Manure	118 0 0	118 0 0	68 0 0	68 0 0	68 0 0	114 0 0
Supplemental Fertilizer (lb/A)						
P Index Application Method						
Final Nutrient Balance (lb/A)	0 -122 -132	0 -122 -132	0 -122 -132	0 -122 -132	0 -122 -132	0 -97 -100
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

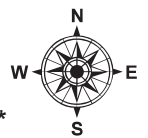
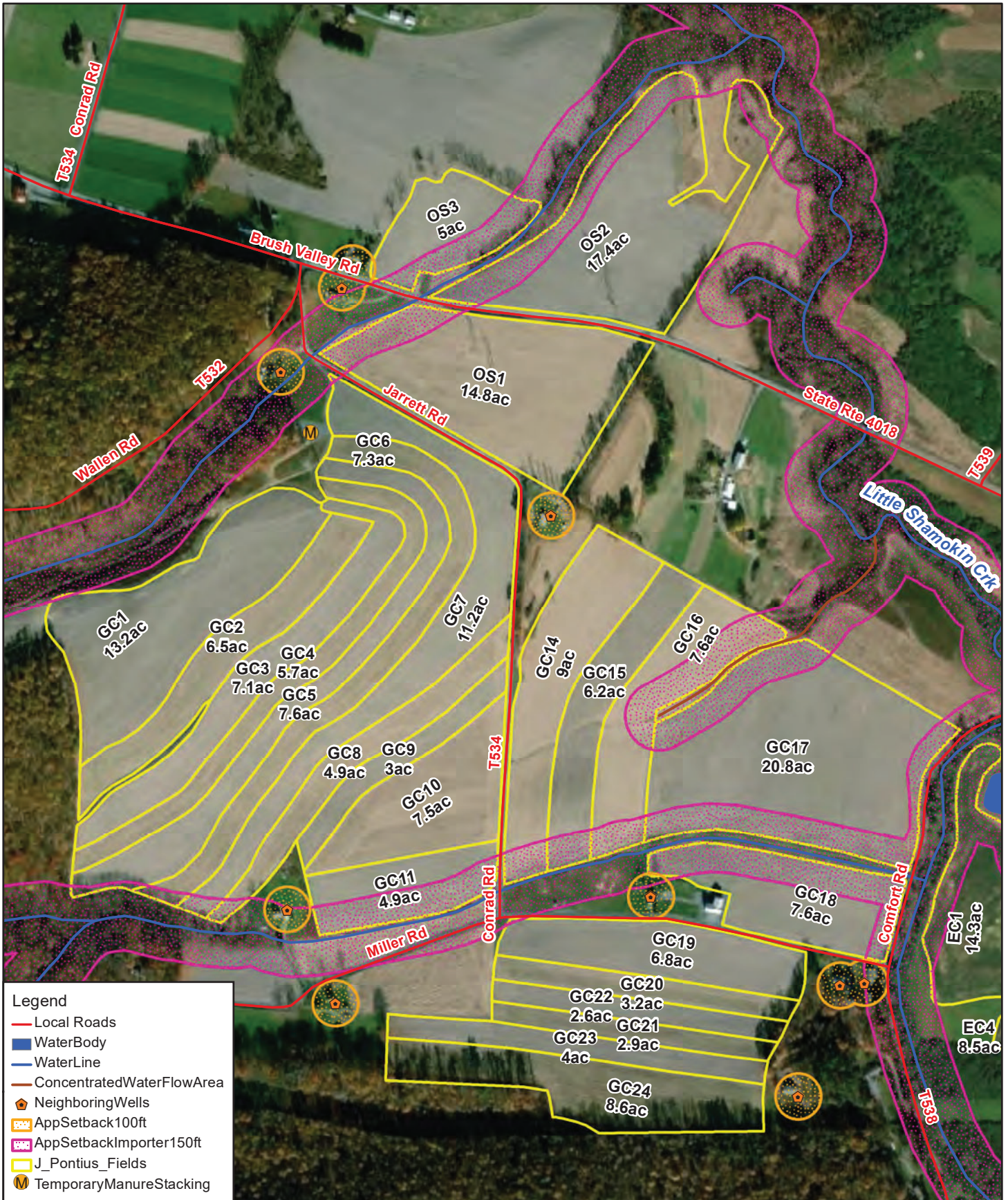
Option 1 P Removal Option 2 Nitrogen Based Nutrient Balance Sheets		Soybeans N-Balance Fall	Wheat N-Balance Fall
Crop Group Identification			
Fields	BC1-9, CSN1, E1, Ec1-10, GC1-24, H1-32, KS1-3, LT1-4, OS1-3, TOW1-14, Z	BC1-9, CSN1, E1, Ec1-10, GC1-24, H1-32, KS1-3, LT1-4, OS1-3, TOW1-14, Z	BC1-9, CSN1, E1, Ec1-10, GC1-24, H1-32, KS1-3, LT1-4, OS1-3, TOW1-14, Z
Acres	236	236	234.3
NBS Option	Option 2 Nitrogen Requirement	Option 2 Nitrogen Requirement	Option 2 Nitrogen Requirement
Mehlich 3 Soil Test P For Option 2 enter maximum Soil Test For Option 3 enter soil test for PI	ppm P 119	ppm P 119	ppm P 119
P Index Part A Evaluation Part A Result			
Crop	Soybeans with Manure	Soybeans with Manure	Wheat
Planned Yield	50 bu/A	50 bu/A	100 bu/A
Crop Removal Recommendations (lb/A)	N P2O5 K2O 160 50 70	N P2O5 K2O 160 50 70	N P2O5 K2O 100 100 180
Soil Test Recommendation (lb/A) Other Nutrients Applied (lb/A) (Nutrients applied regardless of manure)	0 0 0	0 0 0	0 0 0
P Index Application Method			
Double Crop Carry Over N (lb/A)	0	0	0
Manure History Description Residual Manure N (lb/A)	20 Frequently - Summer Crop	20 Frequently - Summer Crop	7 Frequently - Winter Crop
Legume History Description Residual Legume N (lb/A)	0 No Previous Year Legume	0 No Previous Year Legume	0 No Previous Year Legume
Net Nutrients Required (lb/A)	140 50 70	140 50 70	93 100 180
Manure Group	Smucker Broiler Manure	Smucker Broiler Manure	Smucker Broiler Manure
Units	lb/ton	lb/ton	lb/ton
Manure Nutrient Content (lbs/ton or 1000 gal)	N P2O5 K2O 57.20 49.00 56.60	N P2O5 K2O 57.20 49.00 56.60	N P2O5 K2O 57.20 49.00 56.60
Application Season: Management (Incorporation, cover crops, etc.)	Early Fall: Summer utilization with no cover crop. All methods of incorporation	Early Fall: Summer utilization with no cover crop. All methods of incorporation	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 0.15	Total N NH4-N Org. N 0.15	Total N NH4-N Org. N 0.50
P Index Application Method			
N Balanced Manure Rate (ton; gal/A)	16 tons/A	16 tons/A	3 tons/A
P Removal Balance Manure Rate (ton or gal/A; if required by P Index)	1 tons/A	1 tons/A	2 tons/A
P Index Value	Crop P Removal (lb/A) 50.0	Crop P Removal (lb/A) 50.0	Crop P Removal (lb/A) 100.0
Planned Manure Rate (ton or gal/A)	3 tons/A	3 tons/A	3 tons/A
Nutrients Applied at Planned Manure Rate (lb/A)	26 147 170	26 147 170	86 147 170
Nutrient Balance after Manure	114 -97 -100	114 -97 -100	7 -47 10
Supplemental Fertilizer (lb/A)	114 0 0	114 0 0	7 0 0
P Index Application Method			
Final Nutrient Balance (lb/A) Multiple Application	0 -97 -100	0 -97 -100	0 -47 10
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

Appendix 1

Operation Maps

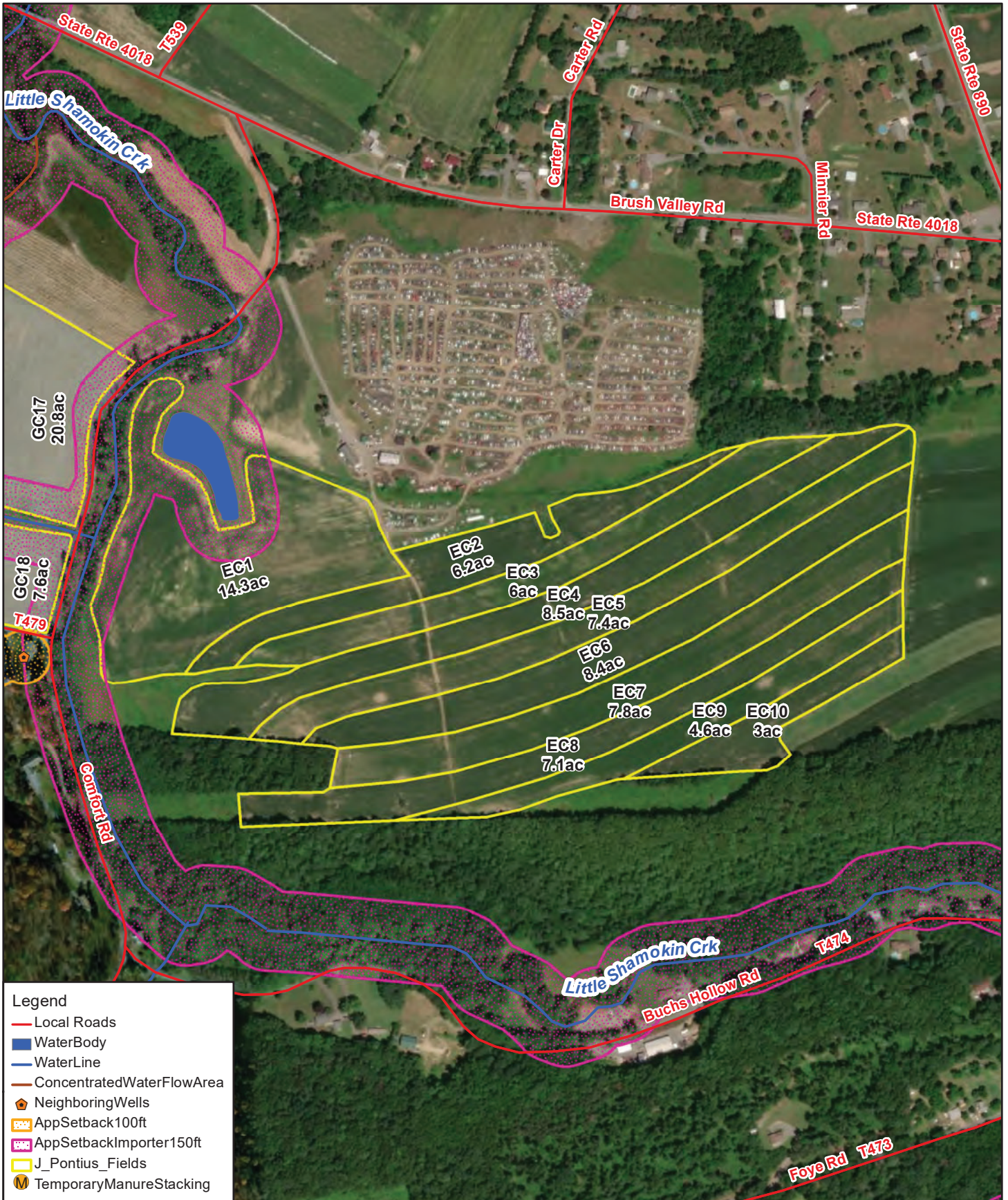
Maps (or aerial photographs) required in Nutrient Balance Sheets must identify: road and road names adjacent to and within the operation; field identification, boundaries and acreage; manure application setback areas and vegetated buffers and associated landscape features (streams and other water bodies,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

Jeff Pontius NBS Map 1



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

Jeff Pontius NBS Map 2



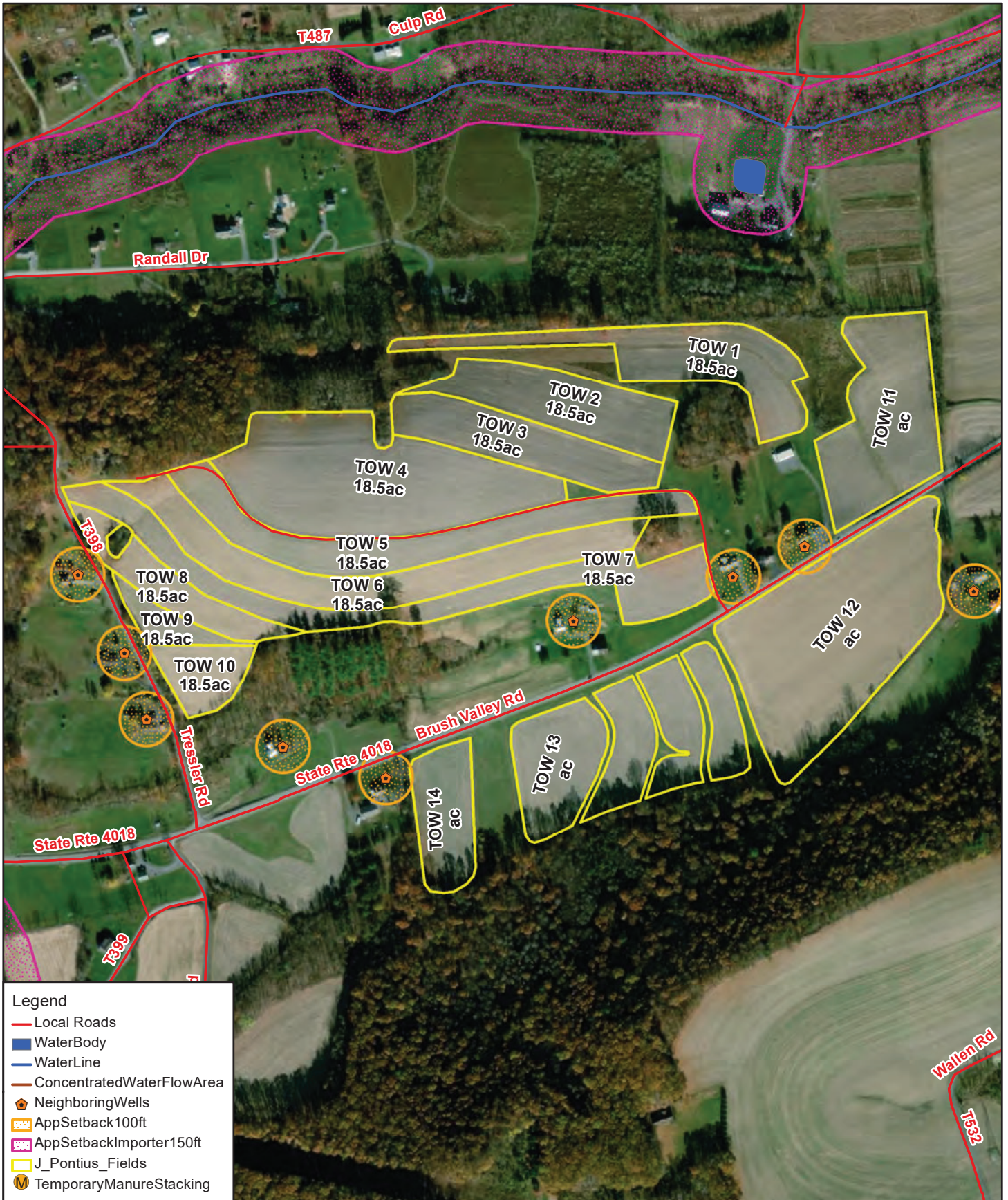
Legend

- Local Roads
- WaterBody
- WaterLine
- ConcentratedWaterFlowArea
- NeighboringWells
- AppSetback100ft
- AppSetbackImporter150ft
- J_Pontius_Fields
- M TemporaryManureStacking



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

Jeff Pontius NBS Map 3



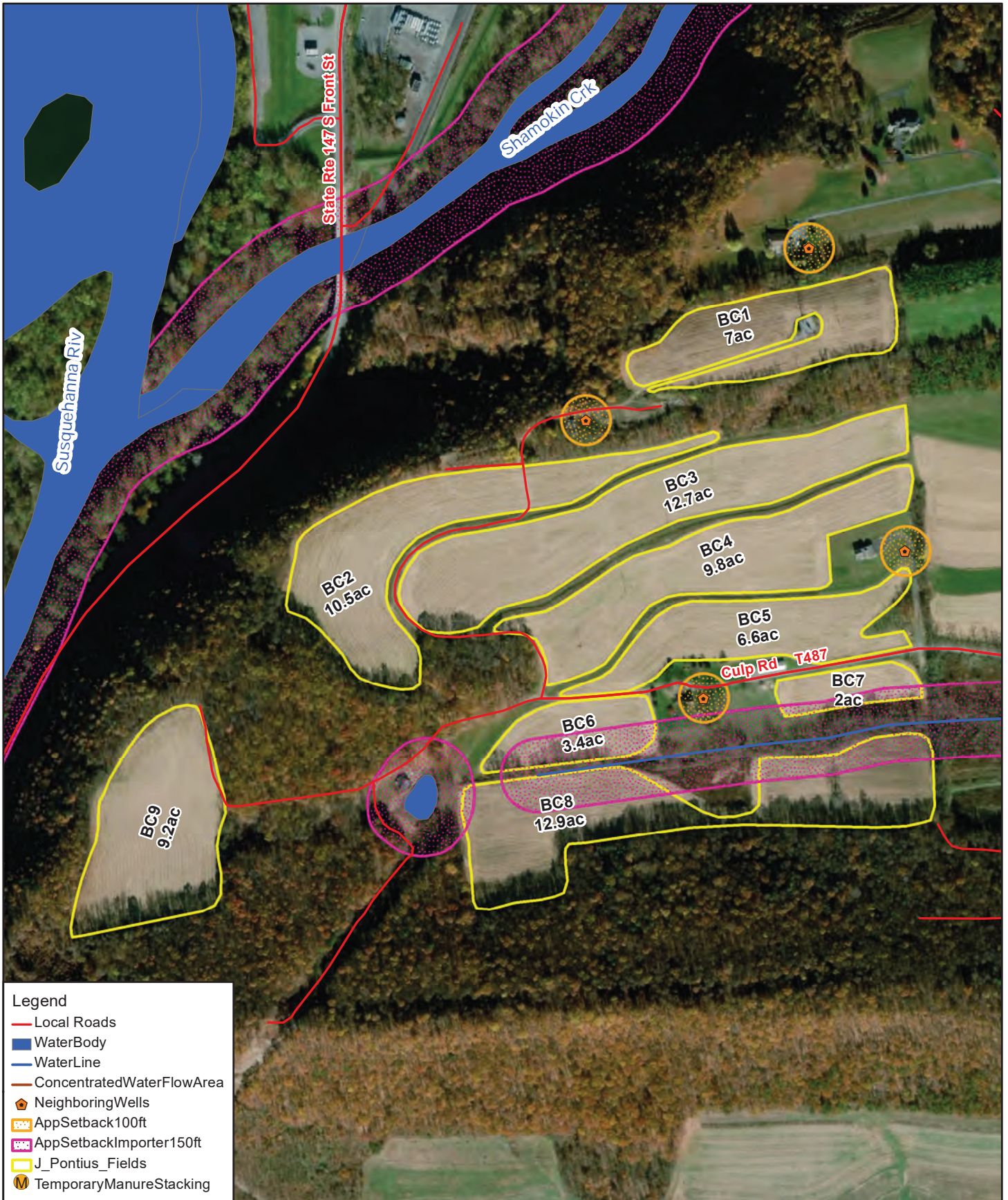
Legend

- Local Roads
- WaterBody
- WaterLine
- ConcentratedWaterFlowArea
- NeighboringWells
- AppSetback100ft
- AppSetbackImporter150ft
- J_Pontius_Fields
- M TemporaryManureStacking



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

Jeff Pontius NBS Map 4

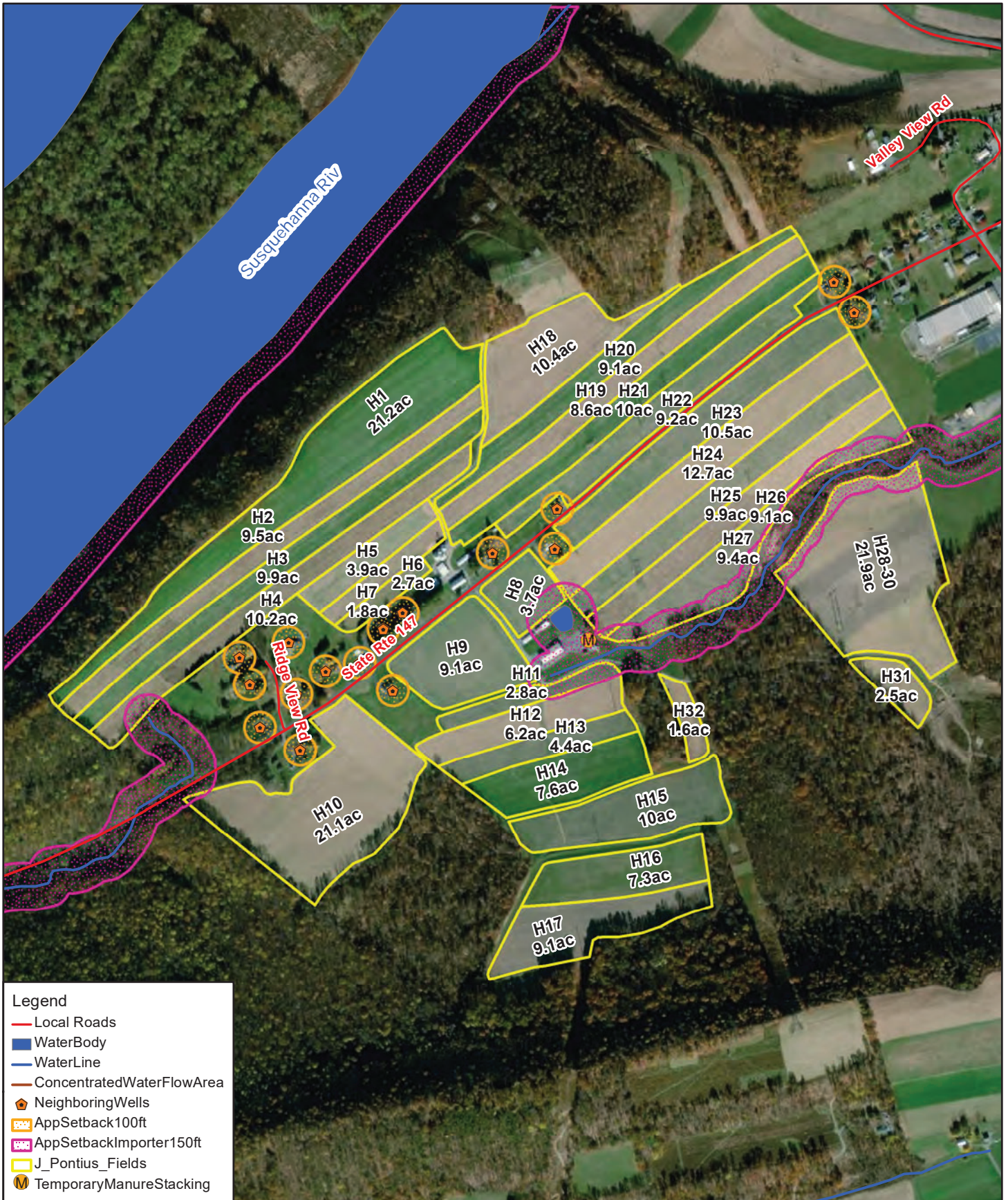


- Legend**
- Local Roads
 - WaterBody
 - WaterLine
 - ConcentratedWaterFlowArea
 - NeighboringWells
 - AppSetback100ft
 - AppSetbackImporter150ft
 - J_Pontius_Fields
 - TemporaryManureStacking



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

Jeff Pontius NBS Map 5



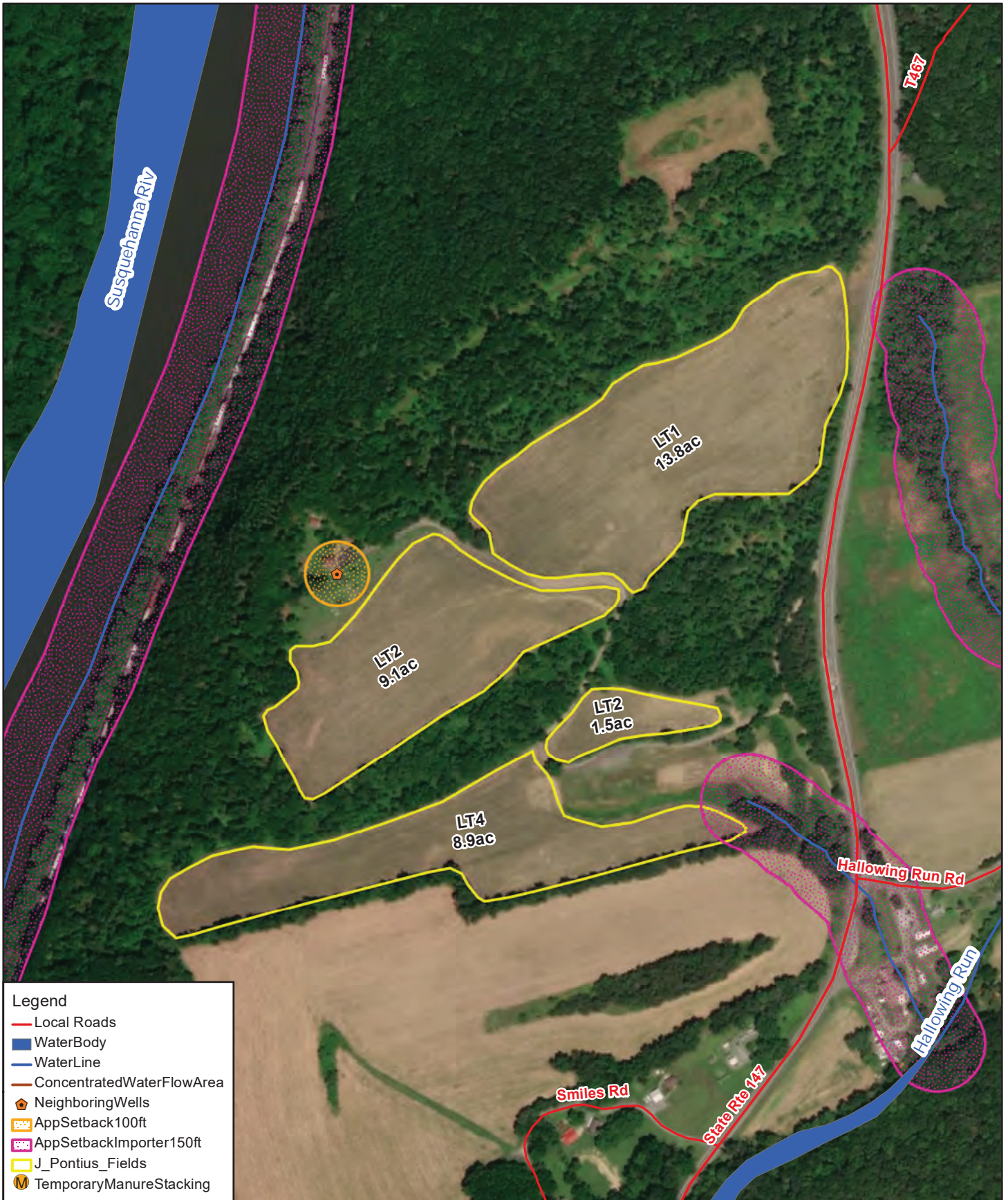
Legend

- Local Roads
- WaterBody
- WaterLine
- ConcentratedWaterFlowArea
- 🏠 NeighboringWells
- AppSetback100ft
- AppSetbackImporter150ft
- J_Pontius_Fields
- M TemporaryManureStacking



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

Jeff Pontius NBS Map 6



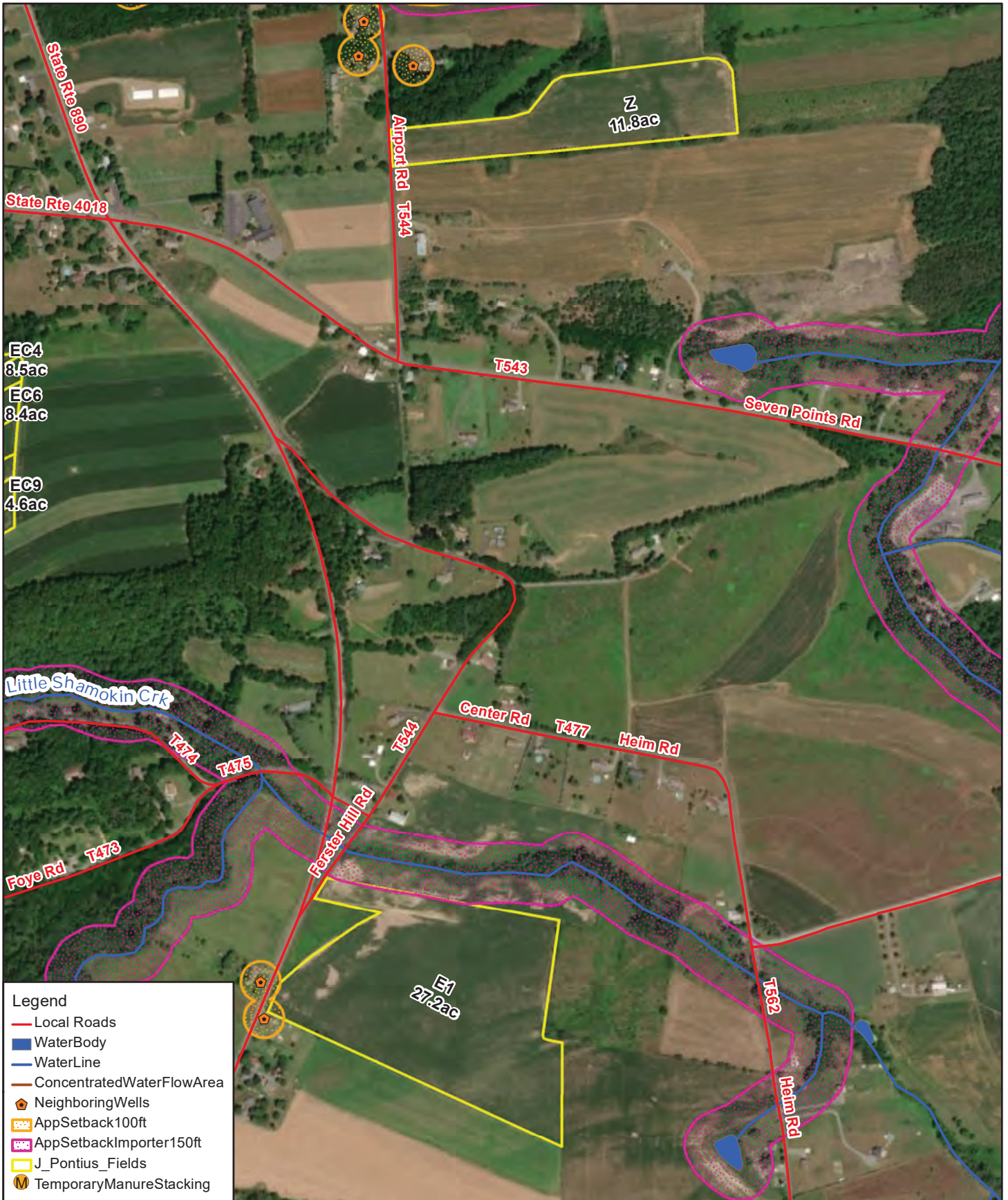
Legend

- Local Roads
- WaterBody
- WaterLine
- ConcentratedWaterFlowArea
- NeighboringWells
- AppSetback100ft
- AppSetbackImporter150ft
- J_Pontius_Fields
- TemporaryManureStacking



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

Jeff Pontius NBS Map 7



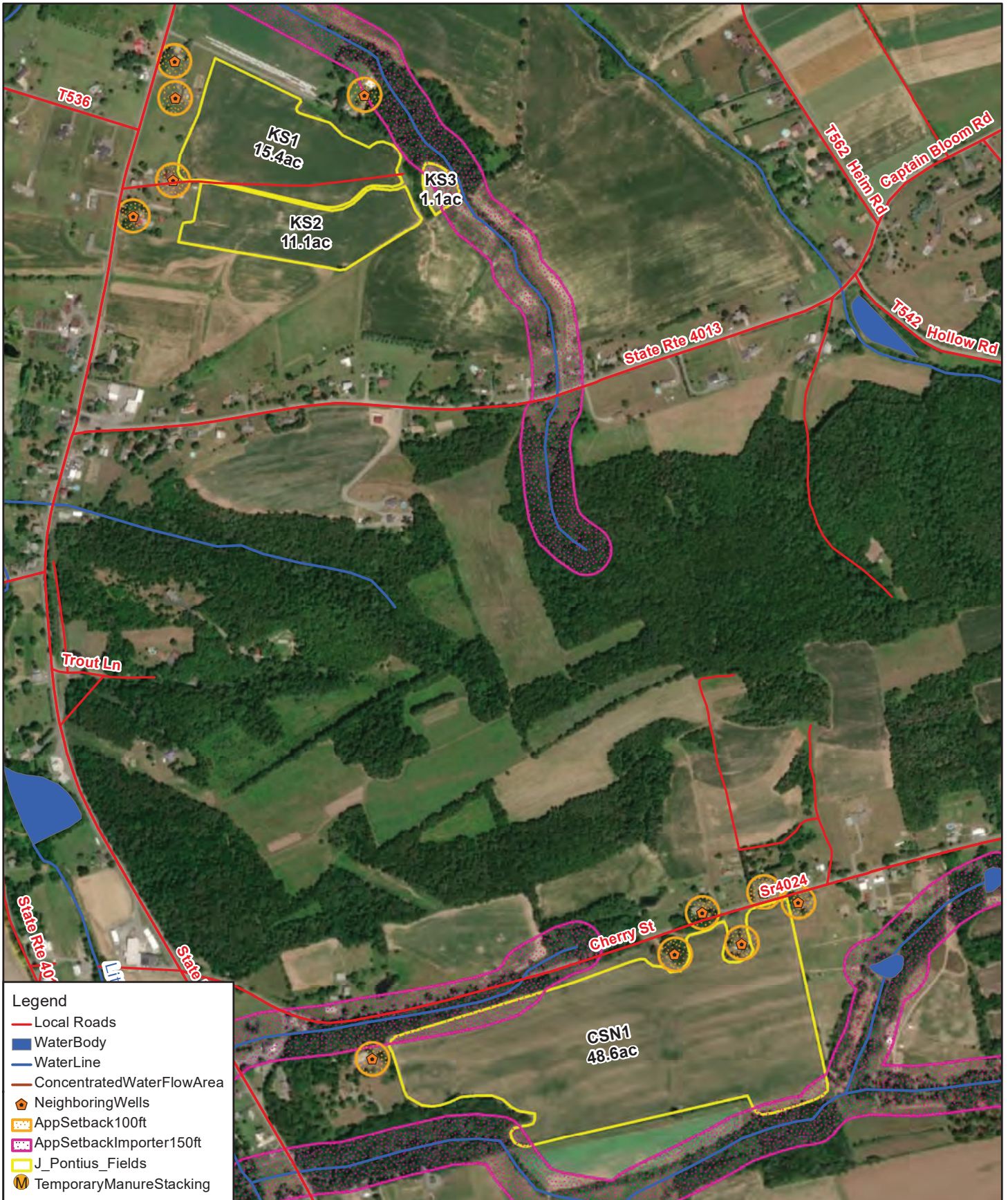
Legend

- Local Roads
- WaterBody
- WaterLine
- ConcentratedWaterFlowArea
- ⬮ NeighboringWells
- AppSetback100ft
- AppSetbackImporter150ft
- J_Pontius_Fields
- TemporaryManureStacking



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

Jeff Pontius NBS Map 8



Legend

- Local Roads
- WaterBody
- WaterLine
- ConcentratedWaterFlowArea
- 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.

Appendix 10

Supporting Information & Documentation

Crop Years 2022

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 Broiler Information:

Per the poultry integrator approximately 5% of the total flock of birds access pasture. This results in 1,600 birds per barn having access to pasture per flock. Birds do not have access to 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.

Dog Kennel Waste Disposal Documentation

Dog manure that is generated by a boarding kennel, humane society or breeder shall be managed as residual waste. By definition, residual waste includes waste resulting from industrial operations. Because these 3 types of entities are industrial operations, that being the dog industry, the dog manure that they generate meets the definition of residual waste. It may be handled in any of the following manners:

1. Placed in the trash and taken to a landfill by either the operator, through a contractor or as part of a municipal pickup. This is a currently exercised practice that may continue.
2. Sent to a sewage treatment plant. This is a currently exercised practice that may continue.
3. Processed under the residual waste captive processing permit-by-rule in 25 Pa. Code Section 287.102(b) and land applied if the Department has determined that the dog manure ceases to be a waste after processing. An operator seeking to land apply dog manure would need to make a request to the Department in accordance with 25 Pa. Code Section 287.7(b)(1) for a determination that the dog manure is no longer a waste after processing. Upon receipt of a request, the Department will issue a letter to the operator outlining the conditions that must be met for the dog manure to be "dewasted," which would include, at a minimum, lime stabilization. Once the material is "dewasted," the operator would need to check with the Department's Water Quality Program to determine if any additional regulations apply, such as a nutrient management plan. If the dog manure is being stored or transported prior to processing and "dewasting," Chapter 299 of the Residual Waste regulations would apply.

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: December 21, 2020

TO: Members
State Conservation Commission

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

RE: Nutrient Management Program Fiscal Year 2020-21 Budget Proposal

Action Requested

Grant approval for the Partial (7/12th) Nutrient Management Program budget for Fiscal Year 2020-2021 (FY 2020-21).

Background

The approved partial (7/12th) FY 2020-21 General Fund Budget provides an appropriation to the Nutrient Management Fund of \$3,617,000. The attached proposed budget is based on the ‘appropriation’ to the fund and ‘spending authorization’ of \$3,343,000 under the approved 7/12 partial state budget.

Program staff’s proposed partial year (7/12th) NMF budgets provides funding for the following program elements:

- a. Prioritizes funding to conservation districts recognizing their key role in carrying out the mandates of the Nutrient and Odor Management Act, known as Act 38. The proposed allocation represents a contribution from the Nutrient Management Fund towards a delegation agreement outlining combined Nutrient Management Program and Manure Management Program activities. Manure Management Program activities will be funded by Pennsylvania Department of Environmental Protection (Pa DEP) under the Nutrient Management and Manure Management Program delegation agreement between conservation districts, the State Conservation Commission and the Pa DEP. This funding is provided at 6/12 of the yearly delegation amount.
- b. Includes \$2,500,000 funding to farmers for plan development, implementation of financial assistance programs and Conservation Excellence Grants. \$2,000,000 is set for CEG while \$500,000 is set for Agri-Link.
- c. Adds \$140,000 to the Commission’s operational budget for the year. Operational budget is based on anticipated expenditures for FY 2020-21 projected costs from the PDA budget office.

Thank you for your consideration of this budget proposal.

Attachment

PARTIAL 'DRAFT FINAL' 2020-21 Proposed Act 38 Nutrient Management Program Budget				
	2019-20 Actual	2020-21 Actual (5/12th PARTIAL)	2020-21 Proposed (7/12th PARTIAL)	2020-21 total (Proposed)
<i>Authorized Spending Authority</i>	\$6,202,000	\$3,039,000	\$3,343,000	\$6,382,000
Beginning Cash Balance	\$1,198,000			\$3,709,000
Revenue				
<i>Nutrient Management Fund Transfer</i>	\$6,200,000	\$2,583,000	\$3,617,000	\$6,200,000
<i>Interest</i>	\$81,000	\$0	\$81,000	\$81,000
<i>Other (penalties, fees, reimbursements)</i>	\$67,000	\$60,000	\$7,000	\$67,000
Total Revenue	\$6,348,000	\$2,643,000	\$3,705,000	\$6,348,000
Expenditures				
<i>Conservation District Funding (DEP)</i>	\$1,385,000	\$1,062,818.72	\$1,063,181.28	\$2,126,000.00 ¹
<i>Conservation Excellence Grants</i>	\$1,250,000	\$0	\$2,000,000	\$2,000,000
<i>Agri-Link</i>	\$0		\$500,000	\$500,000
<i>PSU Education & Technical Support</i>	\$247,000			
<i>Nutrient Management</i>	\$0	\$219,422	\$0	\$219,422 ²
<i>Manure Hauler/Odor Management</i>	\$0	\$149,132		\$149,132 ²
<i>Pa OneStop Contract</i>	\$0	\$125,000	\$0	\$125,000
<i>Personnel</i>	\$721,000	\$814,000	\$0	\$814,000
<i>Operational</i>	\$234,000	\$270,000	\$140,000	\$410,000 ³
<i>Information Technology</i>	\$0	\$20,000	\$0	\$20,000 ⁴
Total Expenditures	\$3,837,000	\$2,660,373	\$3,703,181	\$6,363,554
Ending Cash Balance	\$3,709,000			\$3,693,446
<i>Prior Year Commitments</i>				
<i>Conservation District Funding (DEP)</i>				\$744,000
<i>Conservation Excellence Grants</i>				\$1,368,000
<i>Operating</i>				\$5,000
<i>Agri-Link</i>				\$500,000
<i>Total Prior Year Commitments</i>				\$2,617,000
Available Funding				\$1,076,446
¹ DEP (20098) Spending Authority				
² Contract Year 1 - Certification, Technical and Training Support				
³ Includes Departmental Admin Billing				
⁴ PracticeKeeper upgrades for CEG reporting				

Revised (12/21/20)					
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COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION

Date: January 11, 2021

To: Members

From: Karl G. Brown
 Executive Secretary

RE: ‘Proposed’ Supplemental Allocation
 FY 20-21 Conservation District Fund Allocation Program

Action Requested:

Adopt a ‘supplemental’ allocation concept for the FY 2020-21 Conservation District Fund Allocation Program (CDFAP).

Background:

The State Conservation Commission is scheduled to consider FY 2020-21 supplemental allocations for the Conservation District Fund Allocation Program (CDFAP) at its January 19, 2021 meeting.

Information for this action is based on an appropriation to the Conservation District Fund provided in the Governor's enacted FY 2020-21 ‘Supplemental’ state budget.

Funds provided for distribution under this action are provided through line item appropriations to DEP and PDA, and through an earmarked transfer from the Unconventional Gas Well Fund (UGWF) to the Conservation District Fund (CDF). For FY 2020-21, the enacted ‘Supplemental’ state budget includes the following specific line item amounts:

FY 2020-21 ‘Supplemental’ State Budget:

DEP CDF Line Item	\$1,462,000
PDA CDF Line Item	\$507,000
UGWF CDF Transfer*	\$ <u>0</u>
Total	\$1,969,000

**Please note that the entire annual allocation for the UGWF transfer for FY 2020-21 was available and allocated in July 2020.*

In July 2020 program staff developed allocation concepts for the Commission to consider for the 'Interim' FY2020-21 state budget.

The following is a summary of the approved concept from the July 2020 meeting:

Concept 2 – Interim Funding with UGW Funds Weighted for UGW Count by County (Concept Approved in July 2020) (Attachment 1)

*Distribution of 'line item' appropriations under the enacted 'interim' FY2020-21 state budget, 'well-count' allocations based on a **15-year** average and 50/50 split of UGW Funds.*

- State appropriations at 5/12 FY2019-20 levels (\$1.406 Million).
- Supports 'department' program priorities for positions (Manager, E&S and Agricultural technicians).
- Portion of UGWF revenue (\$2,069,900) utilized to maintain funding for Manager, E&S and Agricultural technicians at a maximum level of \$22,350 for manager and \$16,225 per technician position.
- Statewide special project funds (\$284,700) taken off the top of UGWF; Below FY2019-20 funding levels.
- 50/50 split of remaining UGWF revenue:
 - \$15,000 base for counties where 15-year average of DEP regulated spudded well is greater than 'zero (O)'.
 - **15-Year average (2005-2019)** of DEP regulated spudded wells.

Discussion at the time of the July 2020 meeting was to continue to use the CDFAP allocation formula the Commission has used over the past several years. This included any additional funds that may be allocated later in the year under a '7-month' (supplemental) budget.

Commission staff developed one allocation concept using the same formula used for the July 2020-21 allocations. The following is a summary of the proposal for the 'supplemental' allocation:

Concept 4 – Final 'Supplemental' FY 2020-21 CDFAP DEP and PDA Line Item Allocations (Attachment 2)

*Distribution of 'line item' appropriations under the enacted 'supplemental' FY2020-21 state budget, 'well-count' allocations based on a **15-year** average and 50/50 split of all Funds.*

- State appropriations for enacted 'supplemental' FY 20-21 (\$1,969,000).
- No additional funds for Statewide Special Projects
- 50/50 split of entire 'supplemental' allocation funding
 - 50% to all districts
 - 50% to districts based on a 15-year well average

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

Attachments (3)

4	Allocation of CDFAP Line Items and \$984,500(50%) SCC UGWF Monies - Statewide Special Projects (SSP allocation item 'D')				Additional CDFAP Allocation of Remaining \$984,500 (50%) of SCC UGWF Monies		E	F	G
	A1	A2	A3	B	Average Unconventional Well Count per County for 2005 - 2019 as collected by DEP	C			
	Manager (\$0)	1st E&S Tech. (\$)	ACT Tech. (\$)	CDFAP UGWF Monies (\$14,916)		UGWF Collection Year 9 \$1,969,000 M - CDFAP UGWF Monies - SSP = \$984,500.00 1304.30 /well			
County									
Adams	\$ -	\$ -	\$ -	\$ 14,916		\$ 14,916	\$ -	\$ 14,916	
Allegheny	\$ -	\$ -	\$ -	\$ 14,916	10.4	\$ 13,565	\$ 28,481	\$ 28,481	
Armstrong	\$ -	\$ -	\$ -	\$ 14,916	17.5	\$ 22,864	\$ 37,780	\$ 37,780	
Beaver	\$ -	\$ -	\$ -	\$ 14,916	9.2	\$ 12,000	\$ 26,916	\$ 26,916	
Bedford	\$ -	\$ -	\$ -	\$ 14,916	0.1	\$ 91	\$ 15,007	\$ 15,007	
Berks	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Blair	\$ -	\$ -	\$ -	\$ 14,916	0.4	\$ 522	\$ 15,438	\$ 15,438	
Bradford	\$ -	\$ -	\$ -	\$ 14,916	90.4	\$ 117,909	\$ 132,825	\$ 132,825	
Bucks	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Butler	\$ -	\$ -	\$ -	\$ 14,916	40.7	\$ 53,046	\$ 67,962	\$ 67,962	
Cambria	\$ -	\$ -	\$ -	\$ 14,916	0.1	\$ 170	\$ 15,086	\$ 15,086	
Cameron	\$ -	\$ -	\$ -	\$ 14,916	4.3	\$ 5,569	\$ 20,485	\$ 20,485	
Carbon	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Centre	\$ -	\$ -	\$ -	\$ 14,916	3.3	\$ 4,265	\$ 19,181	\$ 19,181	
Chester	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Clarion	\$ -	\$ -	\$ -	\$ 14,916	1.9	\$ 2,517	\$ 17,433	\$ 17,433	
Clearfield	\$ -	\$ -	\$ -	\$ 14,916	8.5	\$ 11,126	\$ 26,042	\$ 26,042	
Clinton	\$ -	\$ -	\$ -	\$ 14,916	6.1	\$ 7,917	\$ 22,833	\$ 22,833	
Columbia	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Crawford	\$ -	\$ -	\$ -	\$ 14,916	0.2	\$ 261	\$ 15,177	\$ 15,177	
Cumberland	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Dauphin	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Delaware	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Elk	\$ -	\$ -	\$ -	\$ 14,916	12.4	\$ 16,173	\$ 31,089	\$ 31,089	
Erie	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Fayette	\$ -	\$ -	\$ -	\$ 14,916	22.4	\$ 29,216	\$ 44,132	\$ 44,132	
Forest	\$ -	\$ -	\$ -	\$ 14,916	0.9	\$ 1,213	\$ 16,129	\$ 16,129	
Franklin	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Fulton	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Greene	\$ -	\$ -	\$ -	\$ 14,916	93.1	\$ 121,469	\$ 136,385	\$ 136,385	
Huntingdon	\$ -	\$ -	\$ -	\$ 14,916	0.1	\$ 91	\$ 15,007	\$ 15,007	
Indiana	\$ -	\$ -	\$ -	\$ 14,916	2.5	\$ 3,222	\$ 18,138	\$ 18,138	
Jefferson	\$ -	\$ -	\$ -	\$ 14,916	2.8	\$ 3,652	\$ 18,568	\$ 18,568	
Juniata	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Lackawanna	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Lancaster	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Lawrence	\$ -	\$ -	\$ -	\$ 14,916	4.0	\$ 5,217	\$ 20,133	\$ 20,133	
Lebanon	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Lehigh	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Luzerne	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Lycoming	\$ -	\$ -	\$ -	\$ 14,916	63.4	\$ 82,693	\$ 97,609	\$ 97,609	
McKean	\$ -	\$ -	\$ -	\$ 14,916	8.0	\$ 10,434	\$ 25,350	\$ 25,350	
Mercer	\$ -	\$ -	\$ -	\$ 14,916	3.8	\$ 4,956	\$ 19,872	\$ 19,872	
Mifflin	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Monroe	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Montgomery	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Montour	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Northampton	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Northumberland	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Perry	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Philadelphia	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	
Pike	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Potter	\$ -	\$ -	\$ -	\$ 14,916	6.5	\$ 8,439	\$ 23,355	\$ 23,355	
Schuylkill	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Snyder	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Somerset	\$ -	\$ -	\$ -	\$ 14,916	1.2	\$ 1,565	\$ 16,481	\$ 16,481	
Sullivan	\$ -	\$ -	\$ -	\$ 14,916	9.9	\$ 12,873	\$ 27,789	\$ 27,789	
Susquehanna	\$ -	\$ -	\$ -	\$ 14,916	108.1	\$ 140,956	\$ 155,872	\$ 155,872	
Tioga	\$ -	\$ -	\$ -	\$ 14,916	61.8	\$ 80,606	\$ 95,522	\$ 95,522	
Union	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Venango	\$ -	\$ -	\$ -	\$ 14,916	0.1	\$ 170	\$ 15,086	\$ 15,086	
Warren	\$ -	\$ -	\$ -	\$ 14,916	0.1	\$ 170	\$ 15,086	\$ 15,086	
Washington	\$ -	\$ -	\$ -	\$ 14,916	121.3	\$ 158,172	\$ 173,088	\$ 173,088	
Wayne	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Westmoreland	\$ -	\$ -	\$ -	\$ 14,916	19.8	\$ 25,825	\$ 40,741	\$ 40,741	
Wyoming	\$ -	\$ -	\$ -	\$ 14,916	19.6	\$ 25,564	\$ 40,480	\$ 40,480	
York	\$ -	\$ -	\$ -	\$ 14,916			\$ 14,916	\$ 14,916	
Totals	\$ -	\$ -	\$ -	\$ 984,456	754.8	\$ 984,499	\$ 1,968,955	\$ 1,968,955	

\$0		\$0	
\$0			
Number of well count cds		35	
Number w '0' wells		31	

D Statewide Special Projects (SSP)		CDFAP/UGWF		Grand Total of All Allocations	
ACT Boot Camp	\$ -	DEP 'Line Item' Approp.	\$ 1,462,000	\$	1,968,955
Leadership Development	\$ -	PDA 'Line Item' Approp.	\$ 507,000		
Ombudsman	\$ -	Subtotal	\$ 1,969,000		
	\$ -				

FY2020-21 Conservation District Fund Allocation Program & UGWF Allocation Amounts										
County	Manager	1st Technician	ACT Technician	UGWF General Allocation	UGWF Well Allocations	Total UGWF Allocation	UGWF Supplemental General Allocation	UGWF Well Supplemental Allocations	Total Supplemental UGWF Allocation	Full Year UGWF Allocation
Adams	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Allegheny	\$22,350	\$16,225	\$16,225	\$12,076	\$18,887	\$30,963	\$14,916	\$13,565	\$28,481	\$59,444
Armstrong	\$22,350	\$16,225	\$16,225	\$12,076	\$21,552	\$33,628	\$14,916	\$22,864	\$37,780	\$71,408
Beaver	\$22,350	\$16,225	\$16,225	\$12,076	\$18,438	\$30,514	\$14,916	\$12,000	\$26,916	\$57,430
Bedford	\$22,350	\$16,225	\$16,225	\$12,076	\$15,026	\$27,102	\$14,916	\$91	\$15,007	\$42,109
Berks	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Blair	\$22,350	\$16,225	\$15,450	\$12,076	\$15,149	\$27,225	\$14,916	\$522	\$15,438	\$42,663
Bradford	\$22,350	\$16,225	\$16,225	\$12,076	\$48,786	\$60,862	\$14,916	\$117,909	\$132,825	\$193,687
Bucks	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Butler	\$22,350	\$16,225	\$16,225	\$12,076	\$30,200	\$42,276	\$14,916	\$53,046	\$67,962	\$110,238
Cambria	\$22,350	\$16,225	\$16,225	\$12,076	\$15,049	\$27,125	\$14,916	\$170	\$15,086	\$42,210
Cameron	\$22,350	\$16,225	\$16,225	\$12,076	\$16,596	\$28,672	\$14,916	\$5,569	\$20,485	\$49,157
Carbon	\$22,350	\$16,225		\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Centre	\$22,350	\$16,225	\$16,225	\$12,076	\$16,222	\$28,298	\$14,916	\$4,265	\$19,181	\$47,479
Chester	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Clarion	\$22,350	\$16,225		\$12,076	\$15,721	\$27,797	\$14,916	\$2,517	\$17,433	\$45,231
Clearfield	\$22,350	\$16,225	\$16,225	\$12,076	\$18,188	\$30,264	\$14,916	\$11,126	\$26,042	\$56,306
Clinton	\$22,350	\$16,225	\$16,225	\$12,076	\$17,269	\$29,345	\$14,916	\$7,917	\$22,833	\$52,178
Columbia	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Crawford	\$22,350	\$16,225	\$16,225	\$12,076	\$15,075	\$27,151	\$14,916	\$261	\$15,177	\$42,328
Cumberland	\$22,350	\$16,225	\$15,350	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Dauphin	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Delaware	\$22,350	\$16,225	\$3,000	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Elk	\$22,350	\$16,225	\$16,225	\$12,076	\$19,634	\$31,710	\$14,916	\$16,173	\$31,089	\$62,800
Erie	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Fayette	\$22,350	\$16,225	\$16,225	\$12,076	\$23,372	\$35,448	\$14,916	\$29,216	\$44,132	\$79,580
Forest	\$22,350	\$16,225		\$12,076	\$15,348	\$27,424	\$14,916	\$1,213	\$16,129	\$43,553
Franklin	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Fulton	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Greene	\$22,350	\$16,225	\$16,225	\$12,076	\$49,806	\$61,882	\$14,916	\$121,469	\$136,385	\$198,268
Huntingdon	\$22,350	\$16,225		\$12,076	\$15,026	\$27,102	\$14,916	\$91	\$15,007	\$42,109
Indiana	\$22,350	\$16,225	\$16,225	\$12,076	\$15,923	\$27,999	\$14,916	\$3,222	\$18,138	\$46,137
Jefferson	\$22,350	\$16,225	\$16,225	\$12,076	\$16,046	\$28,122	\$14,916	\$3,652	\$18,568	\$46,690
Juniata	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Lackawanna	\$22,350	\$16,225	\$4,100	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Lancaster	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Lawrence	\$22,350	\$16,225	\$16,225	\$12,076	\$16,495	\$28,571	\$14,916	\$5,217	\$20,133	\$48,704
Lebanon	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Lehigh	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Luzerne	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Lycoming	\$22,350	\$16,225	\$16,225	\$12,076	\$38,695	\$50,771	\$14,916	\$82,693	\$97,609	\$148,380
McKean	\$22,350	\$16,225	\$16,225	\$12,076	\$17,990	\$30,066	\$14,916	\$10,434	\$25,350	\$55,416
Mercer	\$22,350	\$16,225	\$16,225	\$12,076	\$16,420	\$28,496	\$14,916	\$4,956	\$19,872	\$48,368
Mifflin	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Monroe	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Montgomery	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Montour	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Northampton	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Northumberland	\$22,350	\$16,225		\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Perry	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Philadelphia										
Pike	\$22,350	\$16,225		\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Potter	\$22,350	\$16,225	\$15,900	\$12,076	\$17,418	\$29,494	\$14,916	\$8,439	\$23,355	\$52,849
Schuylkill	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Snyder	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Somerset	\$22,350	\$16,225	\$16,225	\$12,076	\$15,448	\$27,524	\$14,916	\$1,565	\$16,481	\$44,006
Sullivan	\$22,350	\$16,225	\$16,225	\$12,076	\$8,599	\$20,675	\$14,916	\$12,873	\$27,789	\$48,464
Susquehanna	\$22,350	\$16,225	\$16,225	\$12,076	\$55,390	\$67,466	\$14,916	\$140,956	\$155,872	\$223,338
Tioga	\$22,350	\$16,225	\$16,225	\$12,076	\$38,097	\$50,173	\$14,916	\$80,606	\$95,522	\$145,695
Union	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Venango	\$22,350	\$16,225	\$16,225	\$12,076	\$15,049	\$27,125	\$14,916	\$170	\$15,086	\$42,210
Warren	\$22,350	\$16,225	\$16,225	\$12,076	\$15,049	\$27,125	\$14,916	\$170	\$15,086	\$42,210
Washington	\$22,350	\$16,225	\$16,225	\$12,076	\$60,323	\$72,399	\$14,916	\$158,172	\$173,088	\$245,488
Wayne	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Westmoreland	\$22,350	\$16,225	\$16,225	\$12,076	\$22,400	\$34,476	\$14,916	\$25,825	\$40,741	\$75,217
Wyoming	\$22,350	\$16,225		\$12,076	\$22,325	\$34,401	\$14,916	\$25,564	\$40,480	\$74,882
York	\$22,350	\$16,225	\$16,225	\$12,076		\$12,076	\$14,916		\$14,916	\$26,992
Totals	\$1,475,100	\$1,070,850	\$929,950	\$797,013	\$797,013	\$1,594,025	\$984,456	\$984,499	\$1,968,955	\$3,562,980



TO Karl G. Brown
Executive Secretary
State Conservation Commission

FROM Karen L. Books *KL B*
Water Program Specialist
Conservation District Support Section

THROUGH Jill Whitcomb *JKW*
Director
Chesapeake Bay Office

DATE January 4, 2021

RE Review of District Audit Reports for Calendar Year 2019

ACTION REQUESTED: Accept report of district audits for calendar year 2019.

Background

Starting in 1999, the State Conservation Commission required conservation district financial records to be audited under the supervision of a certified public accountant. Those audits must be independent of the County audit and completed in accordance with generally accepted auditing standards and the standards applicable to “Financial Statement” audits contained in the latest revision of *Government Auditing Standards* issued by the Comptroller General of the United States.

Summary of Audit Findings

Since 1999, districts have consistently made positive efforts in addressing the recommendations and findings reported in their audits. For calendar year 2019, thirty-five (35) district audit reports had “no reportable findings”. This is five more districts with “no reportable findings” than we had last year for the 2018 audits. Many of the more common findings identified during the initial years have been addressed; however, the most common finding which continues to be noted is “*Lack of Segregation of Duties*”. This finding was noted in 23 of the current audits which is one less than last year. This finding comprised 70% of all findings noted. Explanations of this finding are as follows:

“*Lack of Segregation of Duties*” is related to the small number of staff in some district offices. Due to this small number of staff, these districts have difficulty achieving the segregation of duties recommended for an efficient system of internal controls over their finances. As an interim measure, district auditors consistently recommend that conservation district directors take an active role in the financial functions of their district. This involvement is intended to minimize the possibility that any errors or irregularities could occur.

To permanently address “*Lack of Segregation of Duties*”, districts should implement a policy that increases the number of district staff and directors overseeing/reviewing district financial activities. Commission and Agency staff have been looking into this issue and plan to recommend some options or policy in the future to help districts address these findings.

Summary of Compliance with the Commission’s Audit Policy

I am pleased to report that all sixty-six conservation district audit reports were independent of the County audit as required and were submitted by the December 31, 2020 deadline as stated the Commission’s audit policy.

I am also pleased to report that the 2019 audits show all districts are following the guidelines approved by the Commission dealing with *Custodial Credit Risk*, for both bank deposits and investments. In 2019 there were no districts with unsecured funds exposed to *Custodial Credit Risk*.

For newer Commission members and those that need a refresher, the following is an explanation of *Custodial Credit Risk*.

Custodial Credit Risk is the risk a district assumes when its deposits over a certain federally insured amount, currently \$250,000, may or may not be available in the event of failure of the financial institution that has pledged securities as collateral to protect these funds. These deposits, in excess of \$250,000, are not covered by federal depository insurance, but are protected by collateral securities held by a pledging financial institution.

These securities are typically not held under the district’s name and in the event that the pledging institution would fail, the district may not be able to recover the full value of its investment or collateralized securities that are in possession of this institution.

To minimize the risk to bank deposits and investments that fall under the category of *Custodial Credit Risk*, the Commission recommends that districts follow the guidelines presented on the second page of the investment *Model Policy* approved by the Commission in May 2010 and distributed to all districts. The guidelines are as follows:

The Conservation District board should assure that:

- The District has a written agreement with the institution regarding the collateral pledge;

- The pledge is approved by the institution's board of directors or loan committee, and such approval is reflected in the institution's minutes and is kept continuously as an official record of the institution;
- The market value (not just the face value) of the pledged securities is tested frequently and is at least equal to the amount of the deposits plus accrued interest;
- The pledged securities are U.S. Government Securities; and
- The District receives, from the bank, monthly reports on the amount of this deposit, the identity of the collateral and the market value of the collateral.



COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION

January 12, 2021

To: Members, State Conservation Commission

From: Karl G. Brown, Executive Secretary

RE: a. Conservation District Drone Utilization Policy (A)
b. Former Employee Director Appointment (Update Only)
c. Conservation District Advisory Committee (CDAC) Appointments (A)

Background: In September 2020, the Commission directed staff to circulate the draft policies on the “Conservation District Drone Utilization” and “Appointing Former [Conservation District] Employees as Conservation District Directors” to conservation districts and other interested parties for a 45-day comment period. This comment period ended November 2nd. Twelve (12) conservation districts and or conservation district employees have submitted comments on these draft policies, including: Bradford, Cambria, Cumberland, Erie, Indiana, Jefferson, Lancaster, McKean, Perry, Pike, York, Armstrong (mgr. only). Attached is a summary of the comments received.

On December 10th, Commission staff reviewed and discussed the comments received with the Conservation District Advisory Committee (CDAC). Based on the comments received, and the input of the CDAC, Commission staff has made final edits to the draft Conservation District Drone Policy, and continues to develop changes to the draft policy regarding Appointing Former [Conservation District] Employees as Conservation District Directors.

a. Conservation District Drone Utilization Policy: Five (5) districts offered comments supporting the policy in general. One district suggested that all districts should be required to develop Standard Operating Procedures (SOPs) for drone utilization rather than simply a “written policy.” Commission staff and CDAC members agreed with this suggestion and have incorporated this recommendation into the final draft. One district recommended any district utilizing a drone be required to obtain prior written consent prior to flying a drone over private ground. Commission staff and CDAC members discussed this suggestion and decided not to include this requirement in the proposed policy, but recognized that any conservation district may include this as a part of their county based written policy and or standard operating procedures.

Final action (approval) by the Commission is recommended on the proposed drone policy.

b. Appointing Former [conservation district] Employees as Conservation District Directors Policy: Eleven districts and one district manager offered comments on the draft. These comments ranged from general support and or general opposition, to specific recommendations for modifications to improve the draft policies. Lancaster CD offered a rewrite of the draft policy. Staff will continue to research and redraft this proposed

policy and will discuss any proposed changes with the CDAC at their next meeting. Staff does not recommend action on this proposed policy at this time. Key issues raised included:

<p>Scope of Coverage</p>	<ul style="list-style-type: none"> • Coverage for all directors (regular and associates) or only regular directors. <u>Staff and CDAC members recommended coverage for both regular and associate directors.</u> • Coverage for all former employees or just certain former employees. <u>Staff and CDAC members recommended coverage for all employees. CDAC members recommended that a provision for a case-by-case exception be developed.</u> • Consider including employees of state and federal agencies with oversight of CD programs and activities in this policy. <u>CDAC members recommend including this provision. Staff is exploring how this could be incorporated and have concerns over how to clearly distinguish which state and federal employees would be covered under this provision.</u>
<p>Length of restriction</p>	<ul style="list-style-type: none"> • 0, 1, 2, 3 and 5 years discussed in various comments <u>Staff and CDAC members recommend 3 years for both regular and associate director appointments.</u> • Consider variable time restrictions on regular (e.g. 3 years) versus associate directors (e.g. 1 year) <u>See comment above.</u>
<p>Remedies</p>	<ul style="list-style-type: none"> • Include financial withholding as a remedy. • Exclude financial withholding as a remedy. • Simply disqualify nominee without financial considerations. <u>CDAC members recommended that financial withholding language be deemphasized and or eliminated from the proposed policy and that collaborative solutions be emphasized and pursued whenever possible. They did recognize that in certain extreme cases the Commission may have no other alternative solution available.</u>
<p>Local vs State Decision Making</p>	<ul style="list-style-type: none"> • Require CD to have policy on this, but let them decide the terms and conditions of the policy. <u>Staff and CDAC members believe this policy needs to be consistent statewide.</u> • Apply across the board or on “case-by-case” basis (local decision) <u>CDAC members recommended staff develop a provision to allow a case-by-case exception to be requested by a county and determined by the Commission.</u>
<p>Legal Authority</p>	<ul style="list-style-type: none"> • Provisions of Act 217 are adequate and need no clarification. • Questioned whether SCC has legal authority to do this. <u>CDAC members recognized the Commission’s authority and role in defining “eligible nominees” for director appointments, as well as the Commission’s duty to ensure that all funds allotted to a district are properly managed and accounted throughout the entire audit process. CDAC members also recognized the challenges that can be created for a new manager when a former manager or staff member is appointed to serve as a regular or associate director.</u>

c. Conservation District Advisory Committee (CDAC) Appointments: In January 2020, the Commission created the Conservation District Advisory Committee (CDAC) and appointed members to serve on this committee. Terms are three years in length, and initial appointments were staggered with 1/3 of the members appointed every year. The terms of three individuals who are currently serving have expired, including Erica Tomlinson (CD Manager), Dean Drunkenmiller (CD Manager) and John Kolojchick (CD director). Erica and Dean have expressed an interest in continuing to serve on CDAC, and John has indicated he would like to step down.

Staff recommends that Erica Tomlinson and Dean Druckenmiller be reappointed to a 3-year term on the CDAC. Staff will solicit nominations to fill John Kolojchick’s position on the board, as well as for currently vacant director members from the SE and SW regions. These director appointments to CDAC will be brought to the Commission at its March 2021 meeting. (SCC CDAC Overview document (1-22-20) is attached.)

(Adopted 1-22-20)

**State Conservation Commission
Conservation District Advisory Committee
(CDAC)**

I. Background:

The Conservation District Law provides the State Conservation Commission (Commission) with several powers and duties related to conservation districts. These include offering assistance to district directors and staff; keeping directors generally informed of activities and experiences useful to other districts; approving and coordinating the programs of districts; and disseminating information concerning the activities and programs of districts. 3 P.S. § 852(5)(a)-(c) and (e).

To help ensure that these powers are exercised, and duties fulfilled, the Commission is proposing to establish a Conservation District Advisory Committee (CDAC or Committee). This Committee will be part of an ongoing review of existing and proposed Commission policies affecting the operations and management of conservation districts. The Commission will consider the recommendations and advice provided by the Committee in its deliberations and final decisions on these policies.

II. Purpose:

The purpose of the Committee is to:

1. Assist with the review and update of existing Commission policies that affect the operations and management of conservation districts.
2. Assist with the review of proposed Commission policies that affect the operations and management of conservation districts.
3. Serve as an on-going general advisory committee to the Commission regarding issues affecting conservation district operations and management.

III. Structure:

1. The Committee will consist of six (6) conservation district management staff members, one from each of the six (6) geographical regions established by DEP and six (6) conservation district directors or associate directors, one from each of DEP's geographical regions.
2. Members will be appointed by the Commission. In making appointments, the Commission will consider nominations submitted by either or both the Pennsylvania Association of Conservation Districts (PACD) and a conservation district and promote a broad representation of districts taking into account the size, geographical location, type of district operations, and other key factors.
3. Terms of membership will be staggered to ensure continuity in serving on the Committee.
4. Terms limits for members will be three (3) years with no individual serving more than three (3) full consecutive terms.
5. Meetings will be held four (4) times per year or as necessary.
6. Conference calls will be utilized, where feasible, to minimize travel.

7. PACD may serve in an advisory capacity to the Committee.
8. The Commission, at its discretion, may appoint other individuals (e.g. Commission members, state agency staff, conservation district field representatives, etc.) to advise and or support the committee.

IV. CDAC Responsibilities:

1. To advise on the review and update of existing Commission policies that affect the operations and management of conservation districts.
2. To advise on the review of proposed Commission policies that affect the operations and management of conservation districts.
3. Being the responsible point of contact for other conservation district staff and directors in their region for comments on proposed policies or procedures that affect the operations and management of conservation districts.
4. To report to the Commission regarding recommendations of the Committee for the Commission’s consideration.
5. Other duties may include:
 - a. Advising or consulting with SCC or any of its member agencies on specific programs or concerns, upon the request of the individual agency;
 - b. Forming limited-term workgroups to deal with specific issues, concerns or opportunities;
 - c. Interfacing on a regional level with various agency regional offices (DEP, PDA, SCC and others) to improve communications and interactions.

V. Conservation District Directors and Management Staff Initial Membership and Terms

The following Conservation District directors and staff are proposed as CDAC members beginning January 2020 with the following length of initial term:

<u>Region</u>	<u>CD Director</u> (County)	<u>Initial Term</u>	<u>CD Staff</u> (County)	<u>Initial Term</u>
NW Region	John Kolojechick (Venango)	(1-year term)	Doug Beri (Indiana)	(3-year term)
NC Region	Joseph Kendrick (Clearfield)	(2-year term)	Erica Tomlinson (Tioga)	(1-year term)
NE Region	Chuck Gould (Monroe)	(3-year term)	Michelle Long (Pike)	(2-year term)
SW Region	VACANT	(1-year term)	Todd Thornburg (Washington)	(3-year term)
SC Region	Dr. Dennis Johnson (Huntingdon)	(2-year term)	Dean Druckenmiller (Berks)	(1-year term)
SE Region	VACANT	(3-year term)	Chris Strohmaier (Chester)	(2-year term)
	Ron Kopp	SCC Member at Large		
	Linda Mackey	CDFR Advisor		
	Brenda Shambaugh	PACD Advisor		
	Denise Coleman	NRCS Advisor		

**State Conservation Commission
DRAFT Summary of Comments
Draft Policies: Drone Utilization & Appointing Former Employees to CD BODs
Rev. 11-25-20**

District/Individual	Drone Policy Comments	Former Employee Policy Comments	Notes
Bradford CD	No Comment	<p>Some former employees have left due to poor performance and or stressed relationships. Placing these former employees on the board would be counter-productive.</p> <p>Times change, missions change, and the culture within conservation districts change. Allowing these changes to happen is what grows and strengthens districts, and in return allows the staff at the conservation district to grow as well.</p> <p>Our recommendation would be: 1) have this appointment of former staff be on a case-by-case basis, and 2) at a minimum of at least 5 years after the last day of employment.</p> <p>This amount of time would provide for a “cooling off” period and minimize conflicts with programs and projects the district is implementing.</p>	Submitted by Cathy Yeakel DM on behalf of Board
Cambria CD	<p>We have no issues with this policy in general.</p> <p>We feel that section C 2 should be revised to something like "Conservation districts that operate drones develop a written Standard Operating</p>	<p>The Cambria completely disagrees with this policy, does not support it and requests that it is not further considered or adopted.</p> <p>We applaud the Commission's efforts to proactively address concerns over potential or past issues with former staff serving as directors, we feel that the language provided in Section 7 of Act 217 relating to Director appointments and qualifications is appropriate and adequate.</p>	Submitted by John Dryzal DM on behalf of board.

	<p>Procedures Manual" that address the items A-G.</p> <p>We currently participate with other county agencies on drone use. An SOP Manual for Unmanned Aircraft Systems was developed that specifically address those items and more. However, this manual in its current form is 30 pages. This is more in depth than what a "policy" should be.</p>	<p>We disagree with the Commission's authority arguments listed in section 3 of the draft policy. We do not agree that the stated authorities provide the Commission the power to limit or place additional qualifications on Director or Associate Director appointments outside of those identified in Act 217.</p> <p>We feel that this policy may even be a detriment to districts, specifically less populated districts who are challenged to find residents willing and able to serve on district boards. Most employees work for districts because they believe in the mission and not just for the paycheck. This belief in the mission is also why most Directors and Associate Directors willingly volunteer their time and expertise.</p>	
<p>Cumberland CD</p>		<p>Former employees not allowed to serve as a member of the board should be limited to managers or assistant managers. Other former employees that did not make management decisions, financial decisions or program changing decisions while employed at the district, may offer insight and knowledge that would be a great benefit to any local conservation district board.</p> <p>One (1) year instead of three years is a sufficient waiting period for former employees since the budget cycle would be changed from when the person was employed to when they are appointed as a director. After this one year waiting period, no conflict would exist for financial decision making on behalf of the board of directors.</p> <p>It is becoming increasingly difficult to find citizens who have the time to volunteer. Conservation districts are administering</p>	<p>Submitted by Carl Goshorn DM on behalf of board.</p>

		<p>more programs than ever and having a past employee that understands the workings of programs would be extremely beneficial. Former staff that have a thorough knowledge and interest in conservation work should be eligible, with the restrictions we have outlined above.</p>	
Erie CD	<p>The ECCD does not utilize drone technology for any of its programs and does not have a current district policy for the use of drones. ECCD appreciates the development of the policy and supports the published draft policy.</p>	<p>ECCD is in favor of and supports the published draft policy as presented.</p> <p>The most recent occasion when a direct application of this policy at the ECCD would have occurred was 15 years ago, and in retrospect, could have been helpful during the transition of district staff. The District has not encountered any other instances where this policy would have come into play.</p>	<p>Submitted by Tom McClure DM on behalf of the board.</p>
Indiana CD	<p>Support as written</p>	<p>Support as written</p>	<p>Submitted by Doug Berri DM on behalf of board.</p>
Jefferson CD	<p>Support as written</p>	<p>Oppose as written</p>	<p>Submitted by Shaun Wessell DM on behalf of board.</p>
Lancaster CD	<p>The Drone Usage policy aligns with LCCD's current drone policy and we support it as written.</p>	<p>Development of this policy is timely given current and anticipated turnover in CD Managers.</p> <p>Assuming the responsibility of CD manager under the shadow of a predecessor or former employee who is still actively directing policies and actions makes it onerous.</p> <p>Must recognize that former employees of the District can be a truly valuable resource to the composition of a district's board of directors.</p>	

		<p>Same concerns and opportunities can be applied to former employees of our partnering agencies.</p> <p>LCCD offered an amended version of proposed policy (attached).</p>	
McKean CD	<p>B2h. – General conservation efforts – there should be more clarification on what this entails.</p> <p>Policy should specifically state that wherever the district is planning to use the drone, they are required to obtain written permission from those private landowners.</p>	<p>1A. Appointment of a former employee as a non-voting associate member should be permissible after 1 year instead of 3 years.</p>	<p>Submitted by Sandy Thompson DM on behalf of board.</p>
Perry CD	<p>No comments provided.</p>	<p>A general policy directing the nomination of former employees as district directors by the county governing body, and appointment of those nominees by SCC would be a useful.</p> <p>Three years is unnecessarily long to prevent a former employee from joining the Board as a Director or an associate director. Former employees can be a source of knowledge and insight into District operations and programs. Freezing them out for three years seems excessive. A maximum wait of two years for a former employee to become a director is suggested.</p> <p>Since the District Board appoints associate directors, the District Board should set policy guidelines on a former employee serving as an associate director. The Board best knows District dynamics and staff at any given time. As for the SCC draft policy we think there either should not be a required wait to become</p>	<p>Sally Tengeres DM on behalf of board</p>

		<p>an associate director or the wait should be no longer than 1 year.</p> <p>Withholding of state funds from the District , seems excessive. Currently, the Commissioners gather Board nominees for Directors and then send the nominees for Director(s) to SCC for approval. SCC has the power at that point to not approve a nominee if that person does not meet SCC policy guidelines. Perhaps a simple question on the nomination form as to whether the nominee is a former employee along with the end date of District employment would resolve the need for that portion of the policy.</p> <p>The District Board should have the authority to appoint whichever Associate Director(s) it deems suitable without fear of losing state funding through SCC. There is no opportunity available for the SCC to approve (or not) an associate director appointment since the District Board appoints associates annually without SCC approval.</p> <p>A policy defining when a former district employee can serve as a director or associate director is useful. The current draft policy removes a level of local decision-making control from the county governing body and the District Board, is an overly restrictive barrier on former employees serving as directors and associate directors, and adds an unnecessary level financial enforcement.</p>	
<p>Pike CD</p>	<p>The District had no comments on the "Conservation District Drone Utilization Policy." The District will be looking into the potential opportunities this technology may offer to</p>	<p><u>Section 2.B. Remedy</u>-The District Board felt withholding funds from the District was not a viable solution.</p> <p>The District Board has no control over the nomination process - by design - and to impose this remedy will not resolve the issue of the appointment but will also negatively impact the District.</p>	<p>Submitted by Michele Long DM on behalf of board.</p>

	<p>support our programs.</p>	<p>The Board would request the SCC find another avenue to remedy this situation other than withholding funding. It states in CD Law that the SCC approve the appointment. The SCC could notify the County the appointment is not consistent with the policy and request another name be submitted.</p> <p><u>Section 3. II Duty of care to Ensure "Eligible Employees" Under the Director Nomination Process.</u></p> <p>The Board felt the definition of "eligible employee" stating previous employment of 3 years prior was too long. The Board felt one year would be sufficient as the financial concerns expressed in the policy discuss the audit and financials which are usually completed within one year.</p> <p>One year would also be enough time for a new manager to establish themselves with the Board and staff.</p> <p>Three years would also be difficult to track by the SCC.</p>	
<p>York CD</p>	<p>No comments provided.</p>	<p>One (1) year waiting period would be sufficient rather than (3) years as noted in the Draft Policy. With financial audits in place a year should be adequate as the budget would have been audited and a new budget would be in place without influence of the former manager.</p> <p>The waiting period should be limited to district managers and perhaps assistant managers. Other technical staff may provide skillsets and knowledge unique to district programs that would be welcome expertise on boards. An example would be someone like our recently retired watershed specialist Gary Peacock. He had very little input on Budget development outside his program area and no input in the final approved budget.</p>	<p>Travis Sherman, Chairman, York CD on behalf of the board.</p>

		<p>The waiting period should only apply to director positions and not associate director positions. It is getting difficult to recruit and retain new directors and associate directors and limiting the pool of eligible candidates, particularly those that may have spent a career in resource conservation, will not help in this regard. As programs continue to grow in complexity and become more and more prescriptive, recruitment and retention of directors and associates will continue to be challenging.</p> <p>A question worth discussing is whether the waiting period for director appointment extend to Agency staff who might have had influence on a district's budget in a particular program area?</p>	
<p>David Rupert, Armstrong CD Manager</p>	<p>No comments provided.</p>	<p>I feel that the draft policy has several good points but also raises areas of concern for me as a District Manager.</p> <p>I agree with the premise that former managers/executives can be in a position to influence a board both positively and negatively should they be appointed in the immediate aftermath of their former employment at the District.</p> <p>This policy should not extend to all former District employees, but should apply only to the District Manager or Executive as the case may be, as former employees can offer valuable insight and possess institutional knowledge that cannot be obtained from other sources.</p> <p>This proposed policy should also extend to former employees in leadership roles with both DEP, PDA, and the SCC (and perhaps NRCS and FSA) who have had working financial or policy relationships with Conservation Districts. These former employees also may be in a position to influence the District</p>	<p>Submitted by Dave Rupert (personal comments not submitted on behalf of ACCD board).</p>

		<p>Board to act in a way not in the overall best interests of that District. They could also serve to hinder or stifle a new manager/executive as he/she learns his/her new position.</p> <p>The draft policy as presented is overly harsh in providing for the withholding of funding to that particular District when the decision to appoint District Directors rests solely with the County governing body. The Commission would look at other alternative measures, other than the proposed punitive financial measures, to achieve compliance with this policy should it be adopted in its present form.</p> <p>It is my understanding that the SCC had the power currently to “approve “ the individuals selected by the County governing body or to decline their appointment for a valid reason. One of the stated concerns in the draft policy is that the former employee may exercise undue influence over the financial audit process. Currently, the SCC requirement for an independent financial audit from a CPA with certain qualifications and independence from the District in my opinion already addresses this issue. If any undue influence over a financial audit is a real concern of the SCC in drafting this policy, then limit a former manager/executive, DEP, PDA, or SCC (NRCS or FSA) employee from serving for a period of one year after their employment ends with the District or one of the aforementioned agencies of the Commonwealth or USDA.</p> <p>The proposed draft policy has merit but needs considerable work to be both fair and effective for the 66 Conservation Districts in the Commonwealth.</p>	
[End]			

Key Issues

- 1. Cover all directors (regular and associates) or only regular directors. (Scope of Coverage)**
- 2. Cover all former employees or just certain former employees. (Scope of Coverage)**
- 3. Consider including employees of state and federal agencies with ties and or oversight of CD programs and activities. (Scope of Coverage)**
- 4. Appropriate length of time for the restriction (0, 1, 2, 3 and 5 discussed in various comments) for regular and or associate directors. (Length of Time)**
- 5. Include financial remedies and or identify other suitable remedies (financial withholding or no financial withholding). (Remedies and Penalties)**
- 6. Apply across the board or on “case-by-case” basis. (SCC decision or local decision) (Required versus Optional)**
- 7. Require CD to have policy on this, but let them decide the terms and conditions of the policy (local decision making).**
- 8. Does SCC have legal authority to do this or not. (Legal Authority)**



COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION

Date: January 7, 2021

To: Members
State Conservation Commission

From: Karl G. Brown, Executive Secretary

RE: 2021 Conservation District Director Appointments

As of January 7, 2021, Chief Clerks from 48 counties (73% of all counties) have submitted their county's list of Conservation District Director appointments for 2021 to the State Conservation Commission. Those counties noted below with an asterisk are those counties where appointments have not yet been received by the Commission. Reminder letters will be mailed to those counties that have not submitted their director appointments to the Commission.

- | | | |
|----------------|-----------------|--------------------|
| 1. Adams | 25. Erie | 49. Northumberland |
| 2. Allegheny* | 26. Fayette* | 50. Perry |
| 3. Armstrong* | 27. Forest | 51. Pike |
| 4. Beaver* | 28. Franklin | 52. Potter* |
| 5. Bedford | 29. Fulton | 53. Schuylkill |
| 6. Berks | 30. Greene | 54. Snyder |
| 7. Blair* | 31. Huntingdon* | 55. Somerset |
| 8. Bradford | 32. Indiana | 56. Sullivan |
| 9. Bucks* | 33. Jefferson | 57. Susquehanna |
| 10. Butler | 34. Juniata* | 58. Tioga |
| 11. Cambria | 35. Lackawanna* | 59. Union |
| 12. Cameron | 36. Lancaster* | 60. Venango |
| 13. Carbon | 37. Lawrence | 61. Warren |
| 14. Centre | 38. Lebanon* | 62. Washington |
| 15. Chester | 39. Lehigh* | 63. Wayne |
| 16. Clarion | 40. Luzerne* | 64. Westmoreland* |
| 17. Clearfield | 41. Lycoming* | 65. Wyoming* |
| 18. Clinton | 42. McKean | 66. York |
| 19. Columbia* | 43. Mercer | |
| 20. Crawford | 44. Mifflin | |
| 21. Cumberland | 45. Monroe | |
| 22. Dauphin | 46. Montgomery | |
| 23. Delaware | 47. Montour | |
| 24. Elk | 48. Northampton | |



Building for Tomorrow Leadership Development January 2021 Program Activities Report

Look back: Q1 & Q2

Employment Law for Conservation Districts Webinar Series

- June – September, 2020
- 65 total participants including CD managers, directors & partners
- Program topics included hiring, furloughs, workplace policies, harassment, employee absence, wage classification, and management best practices.

Management Summit Webinar Series

- September 2020
- 69 total participants including CD managers, assistant managers & partners
- Program topics included remote team management, negotiation skills, and volunteer engagement.

Leadership Webinar Series

- October – November, 2020
- 71 participants included CD directors, staff & partners
- Program topics included Pa Environmental Rights Amendment and Adaptive Strategies/Scenario Planning.

Strategic Planning Grants Program

- Received & approved Letters of Intent from three districts for the 2020-21 program year.

Building for Tomorrow website <https://paleadership.org>

- Traffic July 1 through December 31, 2020:
 - 1626 separate users (30% increase over previous 6 months)
 - 5530 total pageviews (8% increase over the previous 6 months)



Look ahead: 2021

Virtual Conservation District Staff Conference

- February 8 – 12, 2021
- Open to all CD staff and partners
- Program includes keynote workshops on stress management and conflict resolution, technology forum meetings, and a video awards presentation.

Board Leadership Webinar Series

- February 15, 16, 17, 23 & 24, 2021
- Open to all CD board members, associate directors, managers, and partners
- Program includes keynote presentations on ethics and conflict of interest, director forum meetings, and a workshop on board committees & district planning.

2021 New Manager Training

- Hybrid webinar/in-person format, May – September 2021 (*dates TBD*)
- Open to all new CD managers (started 2019 or later)
- Orientation program for new managers includes units on applicable laws, finances, board relations, partner programs, personnel management, and personal development.

2021 Management Summit

- September 15-16, 2021 (*tentative*)
- Open to CD managers, assistant managers/team leaders & partners
- Planned keynotes on coaching/mentoring & succession planning

2021 Leadership Webinar Series

- October 2021 (*dates TBD*)
- Open to CD directors, staff & partners
- Planned workshop presentations on succession planning & diversity/equity/inclusion

January 12, 2021

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 January 19, 2021 Commission Meeting.



**COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION**

DATE: December 28, 2020

TO: State Conservation Commission Members

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

THROUGH: Karl G. Brown
Executive Secretary

RE: Act-38 Nutrient and Manure Management Program Evaluations

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

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

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

Between July 2020 and December 2020, a total of 7 conservation districts were evaluated. All districts evaluated were meeting program requirements and had an overall ranking of "satisfactory".

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

1. CD staff should be providing the odor fact sheet to CAOs/CAFOs at their annual inspections or at least providing some educational outreach concerning the odor program to all CAOs and CAFOs. (2 of 7)

2. CD staff should include and start including a note page in each Act 38 file to document the date each operator was contacted and information that exchanged. This information is very helpful when you review the file and know where other staff may have been contacted by the operator or their consultant. (5 of 7)
3. CD should review their current reciprocal agreements with neighboring CDs and consider adding additional agreements with other neighboring counties. (3 of 7)
4. CD should develop a technical assistance policy. It could be as simple as "First Come, first serve" or could be more in-depth. (2 of 7)
5. CD should not be developing NBSs for Manure Brokers. (1 of 7)
6. SCC reminds CD staff that all CAOs and CAFOs are inspected annually, if the CD has issues and are not able to complete all annual status review inspections, the CD should contact their SCC Regional Coordinator to discuss this issue. (21 of 7)
7. CD staff should develop formal letters concerning all inspections on CAOs/CAFOs and forward a copy of the letter and inspection report to each operator. A copy of the formal letter and inspection report should be retained in all Act 38 files. This is to include annual on-site status review inspections. Pre-drafted formal letters are in Chapter 4 and 6 in Administrative Manual for CD use. (3 of 7)
8. CD staff should forward copies of all formal letters and inspections of CAFOs to DEP staff. (2 of 7)
9. CD should start following and utilizing the Act 38 Compliance Strategy and formal letters contained in Chapter 4 of the Administrative Manual. (4 of 7)
10. Due to previous CD staff discarding the Act 38 files, CD should contact known Act 38 operations and try to recreate Act 38 files for these operations, as well as, request NMP amendments or formal withdraws from the Act 38 program be submitted by the operators. (1 of 7)
11. CD is doing a good job of program education and outreach and promoting cost share programs such as EQIP and REAP. (1 of 7)
12. CD is doing a good job implementing the NM Program and keeping up with status reviews and compliance situations. (1 of 7)
13. CD is reminded to always list the administratively complete date and plan approval date on the NMP cover page. (1 of 7)
14. CD is reminded to always date the final form stamp on the NMP cover page at least 7 days prior to the board meeting that the NMP will be acted on. (2 of 7)
15. CD should consider developing a targeted approach for outreach to the plain sect (Amish) community in the county. (2 of 7)
16. The CD should expand their relationship with partnering agencies in the county. (1 of 7)
17. It is recommended to use an electronic calendar to set reminders for status reviews, compliance deadlines etc... (1 of 7)
18. It is recommended to send letters to document NM plan review technical comments. (1 of 7)
19. The CD is reminded to notify SCC regional coordinator when sending 2nd compliance reminder and carbon copying when the 3rd reminder is sent. (1 of 7)
20. The CD should consider developing a tracking system for NMPs and imported/exported manure in the county. (1 of 7)

21. It is recommended that CD staff pursue a basic NRCS Job Approval rating and Conservation Planning training. (1 of 7)
22. CD has a good working relationship with program partners and neighboring CDs which greatly helps with program implementation. (1 of 7)
23. CD is applauded for having a board approved technical assistance policy consistent with the NM/MM Administrative Manual. (1 of 7)
24. SCC is appreciative of the positive and open line of communication that exists between the CD and SCC Regional Coordinator. (1 of 7)
25. SCC suggest that the CD perform site visits of all importers listed in NMPs as well as the NBSs for Act 49 they received and are reviewing to determine if sensitive areas are clearly identified on the importers maps. (1 of 7)
26. SCC informed the CD that the complaint handling form is an internal document and not accessible to the public. Any and all inspections concerning complaints should be documented on the Inspection Report form. CD staff should also follow up with the complainant and send formal letters to the operator concerning the outcome of the investigation. (1 of 7)
27. SCC suggests that the CD direct all Odor complaints received by the CD to Karl Dymond, SCC and any Animal mortality complaints be directed to PDA Bureau of Animal Health.
28. SCC suggested to the CD that they need to request corrections to NBSs developed for Act 49 from the plan writer at least 2 times (as directed from NM Administrative manual) and if no response from the broker or NMS, then contact Michael Aucoin, SCC. (1 of 7)
29. SCC suggested that the CD print a copy of Attachment F's from Practice Keeper for each approved/disapproval NMP in their files (at every approval/disapproval) and include a hard copy in the operators Act 38 file. (1 of 7)

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

1. CD would like SCC/PDA certification staff to respond to their concerns in a timely manner. (1 of 7)
2. CD staff request training in the following areas:
 - a. new staff orientation;
 - b. CAO calculations;
 - c. records retention;
 - d. persuasive speech in discussing conservation practices with farmers,
 - e. UAV (drone) pilot certification
 - f. conservation planning certification;
 - g. CCA certification;
 - h. Quick books accounting software/reporting;
 - i. Ag E&S manual. (1 of 7)
2. CD suggest more emphasis needs to be placed on training new technicians that have little to no Ag experience and request shadowing either other county CDs staff or SCC staff. (1 of 7)
3. CD requests additional administrative training to meet delegation requirements. (1 of 7)
4. CD suggest that formal letters should be sent to responsible parties via email if responsible parties have access to email (save postage and paper cost). (1 of 7)

5. CD also suggest more information should be converted to digital instead of hard copies (hard copies can be kept at CD for records). (1 of 7)
6. CD would like to shadowing of other County CD staff or SCC of NMP review and inspections with new staff. (1 of 7)
7. CD suggest emphasize CD to reach out with other CD across the state for reciprocal agreements (not just bordering counties. i.e., reciprocal agreement, (i.e. Susquehanna and Lancaster County). (1 of 7)
8. CD suggest guidance needs to be provided for how to handle situations where noncompliance is an issue (i.e., farmers refusing to keep records, but will have a MMP on their operation). (1 of 7)
9. CD suggests the SCC/DEP provide more frequent training events to districts, provide hard copies of technical manuals to all Ag staff, provide guidance on how to handle noncompliant farmers, and provide instructions for new staff. (1 of 7)
10. CD seeing/hearing of regulations & requirements hindering farm profitability - not being able to adjust to markets, weather conditions, etc., amendments are not practical due to dwindling numbers of certified planners, planner workload, crop year planning requirements and timing requirements/reality of soil testing (small window of opportunity to pull soil tests). Single year planning, although probably a good option for some operations, are not realistic due to lack of planner availability in the county. (2 of 7)
11. CD suggests PracticeKeeper be updated to included importer information. (1 of 7)
12. CD suggests that a NMP review checklist be developed for use when reviewing NMPs. (2 of 7)
13. CD suggests the NM/MM quarterly reporting process is cumbersome and would prefer to send all reports to one location. (1 of 7)
14. CD concerned that DEP is responding to ag complaints without notifying or involving the CD. (1 of 7)
15. CD would like to have a single point of contact at DEP for ag issues. (1 of 7)
16. The CD reported that this is the hardest position for the CD to fund. If the County did not support this position (approx. 30%) there would not be an Ag Technician. (1 of 7)
17. While the value of an NRCS Job Approval rating is appreciated, the district has concerns that NRCS will expect the Ag Tech to prioritize NRCS work over district work. (1 of 7)
18. Education and outreach are important to all of the CD programs but is not a priority in the current budget unless part of a grant program. (1 of 7)
19. CD would like to receive more NMP review training with "real world" examples. The NMP review training during certification contained only obvious mistakes and does not adequately prepare a CD reviewer for their job. (1 of 7)
20. CD wishes to receive clarification from DEP regarding whether or not Chapter 91 MMPs that the CD verifies for accuracy must be kept on file at the CD. (1 of 7)
21. Additional financial support is needed. (1 of 7)
22. CD recommends that accountability is needed for manure export/manure broker regulations to be meaningful. (1 of 7)
23. CD indicated that SCC support is good. Regional gathering of field staff is helpful. CD suggest that SCC should be available for phone and email questions regarding policy interpretation/guidance. Communicate expectations should be clear and consistent. (1 of 7)

24. CD suggest that more centralized locations for training when possible be considered, thus it would decrease travel for all. (1 of 7)
25. CD continues to help a significant number of farm operators who do not grant permission to release their information to be enter in Practice Keeper, therefore not all CD staff planning efforts are entered into Practice Keeper. CD staff does promote that farms voluntarily tell PA of planning and implementation work they are performing; however many operations are not reported. There remains significant planning and implementation work that does not get reported. All planning assistance that CD provide due to DEP enforcement is entered into PK.



**COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION**

DATE: January 6, 2021

TO: Members
State Conservation Commission

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

SUBJECT: Calendar Year 2020 Nutrient Management Plan Data

Attached is the most recent Nutrient Management Plan (NMP) approval data for Calendar year 2020 (up to December 31, 2020). I would like to thank Brady Seeley for developing this report based on the data submitted by the delegated conservation districts.

The report shows that there is a total of 1,301 Pennsylvania farms that have NMPs approved for their operations. These approved operations have a net total of 261,525 acres under plan, which does not include the acres of importing farms with developed Nutrient Balance Sheets (NBS).

The last report given to the commission was on January 3, 2020. This report, when compared to the 2019 report, shows an increase of 10 operations with approved NMPs, and an increase of 39,978 planned acres on these farms.

ATTACHMENT

Calendar Year 2020
Active Act 38 NMPs up to 12/31/20

County	CAOs	Acres	VAOs	Acres	CAFO/CAO	Acres	CAFO/VAO
ADAMS	16.00	606.55	1.00	253.00	8.00	4,386.50	4.00
ALLEGHENY	6.00	33.89	1.00	2,278.00	0.00	0.00	0.00
ARMSTRONG	0.00	0.00	11.00	3,581.71	0.00	0.00	0.00
BEAVER	1.00	40.00	0.00	0.00	0.00	0.00	0.00
BEDFORD	1.00	13.10	2.00	493.00	6.00	1,544.10	2.00
BERKS	38.00	2,327.75	10.00	1,389.10	31.00	3,581.50	10.00
BLAIR	3.00	131.30	6.00	3,670.14	0.00	0.00	4.00
BRADFORD	1.00	5.10	3.00	1,397.30	8.00	1,532.70	1.00
BUCKS	14.00	600.65	2.00	395.40	0.00	0.00	0.00
BUTLER	3.00	24.67	1.00	61.47	0.00	0.00	0.00
CAMBRIA	0.00	0.00	1.00	210.50	0.00	0.00	0.00
CARBON	1.00	2.60	0.00	0.00	0.00	0.00	0.00
CENTRE	15.00	225.38	2.00	491.90	1.00	1,173.00	1.00
CHESTER	12.00	554.87	6.00	446.80	7.00	1,649.40	8.00
CLARION	1.00	10.51	1.00	28.37	0.00	0.00	0.00
CLEARFIELD	3.00	131.25	7.00	1,039.07	0.00	0.00	0.00
CLINTON	21.00	474.56	0.00	0.00	3.00	580.50	2.00
COLUMBIA	2.00	22.30	0.00	0.00	4.00	2,817.90	1.00
CRAWFORD	0.00	0.00	4.00	387.50	1.00	413.10	2.00
CUMBERLAND	8.00	233.25	3.00	193.10	6.00	1,758.40	5.00
DAUPHIN	14.00	710.44	0.00	0.00	13.00	1,167.10	0.00
ELK	0.00	0.00	1.00	106.40	1.00	237.40	0.00
ERIE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FAYETTE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FRANKLIN	22.00	671.69	7.00	1,918.49	21.00	3,449.40	13.00
FULTON	4.00	90.50	0.00	0.00	8.00	1,573.90	0.00
GREENE	1.00	29.00	0.00	0.00	0.00	0.00	0.00
HUNTINGDON	1.00	3.80	4.00	2,021.29	6.00	1,727.20	3.00
INDIANA	1.00	2.50	3.00	437.77	0.00	0.00	0.00
JEFFERSON	5.00	165.00	1.00	129.30	0.00	0.00	0.00
JUNIATA	37.00	1,711.21	6.00	1,983.76	6.00	330.93	5.00
LACKAWANNA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LANCASTER	207.00	7,903.92	13.00	1,875.58	90.00	21,009.60	24.00
LAWRENCE	1.00	10.70	2.00	1,262.16	0.00	0.00	0.00
LEBANON	63.00	2,449.73	7.00	1,746.90	33.00	3,596.31	3.00
LEHIGH	3.00	154.61	1.00	159.90	2.00	149.80	1.00
LUZERNE	2.00	50.20	0.00	0.00	2.00	319.20	0.00
LYCOMING	11.00	252.55	4.00	434.30	2.00	599.00	1.00
MCKEAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MERCER	0.00	0.00	2.00	967.00	0.00	0.00	0.00
MIFFLIN	15.00	1,380.53	2.00	618.30	8.00	1,011.50	1.00
MONROE	7.00	162.43	0.00	0.00	0.00	0.00	0.00
MONTGOMERY	1.00	71.30	0.00	0.00	1.00	12.90	0.00
MONTOUR	3.00	82.96	1.00	178.00	2.00	83.60	0.00
NORTHAMPTON	1.00	61.00	1.00	126.70	0.00	0.00	0.00
NORTHUMBERLAND	15.00	753.01	2.00	487.84	4.00	138.37	5.00
PERRY	13.00	743.34	5.00	1,835.83	12.00	1,863.50	4.00
PIKE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PHILADELPHIA	2.00	9.01	0.00	0.00	0.00	0.00	0.00
POTTER	0.00	0.00	2.00	355.83	0.00	0.00	3.00
SCHUYLKILL	10.00	648.50	0.00	0.00	7.00	910.13	3.00
SNYDER	53.00	1,988.48	5.00	2,498.91	14.00	1,906.04	4.00
SOMERSET	0.00	0.00	0.00	0.00	1.00	2.80	7.00
SULLIVAN	0.00	0.00	0.00	0.00	2.00	145.70	0.00
SUSQUEHANNA	0.00	0.00	1.00	265.00	0.00	0.00	0.00
TIOGA	2.00	177.46	3.00	1,245.90	6.00	2,243.10	1.00
UNION	30.00	964.64	3.00	375.60	12.00	2,765.83	0.00
VENANGO	0.00	0.00	1.00	264.00	0.00	0.00	0.00
WARREN	0.00	0.00	1.00	1,462.50	0.00	0.00	0.00
WASHINGTON	1.00	168.00	5.00	773.50	1.00	134.40	0.00
WAYNE	1.00	22.10	0.00	0.00	0.00	0.00	0.00
WESTMORELAND	0.00	0.00	4.00	4,421.55	0.00	0.00	0.00
WYOMING	1.00	5.70	0.00	0.00	0.00	0.00	0.00
YORK	12.00	362.80	4.00	1,339.60	15.00	1,376.64	2.00
Totals	685.00	27,244.84	152.00	45,608.27	344.00	66,191.45	120.00

Total CAO Num	Total CAO Acre	Total VAO Num	Total VAO Acre
1,029.00	93,436.29	272.00	168,088.77

Acres
1,886.70
0.00
0.00
0.00
772.00
5,071.33
10,713.40
1,628.40
0.00
0.00
0.00
0.00
1,949.50
7,483.70
0.00
0.00
5,429.10
647.20
5,889.00
2,594.97
0.00
0.00
0.00
0.00
13,964.59
0.00
0.00
8,537.50
0.00
0.00
4,589.22
0.00
12,268.70
0.00
2,536.20
9,448.70
0.00
749.00
0.00
0.00
776.10
0.00
0.00
0.00
0.00
4,144.83
3,439.23
0.00
0.00
3,251.50
2,748.50
1,788.70
7,847.20
0.00
0.00
1,582.10
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
743.13
122,480.50



**COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION**

DATE: January 6, 2021

TO: State Conservation Commission Members

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

THROUGH: Karl G. Brown
Executive Secretary

RE: Nutrient and Odor Management Programs Report

The Nutrient and Odor Management Program Staff of the State Conservation Commission offer the following report of measurable results for the time-period of November / December 2020.

For the months of November and December 2020, staff and delegated conservation districts have:

1. COVID-19:
 - a. All staff working remotely and assisting CD and other agencies. Normal work functions occurring.
2. Odor Management Plans:
 - a. 14 OMPs in the review process
 - b. 14 OMPs Approved
 - c. 0 OMP approvals Rescinded
3. Reviewed and approved 138 Nutrient Management (NM) Plans in the 4th quarter of 2020.
 - a. Those approved NM plans covered 29,437.28 acres
 - b. Those approved NM plans included 59,746.87 Animal Equivalent Units (AEUs), generating 1,116,642.67 tons of manure.
4. Managing twelve (12) enforcement or compliance actions, currently in various stages of the compliance or enforcement process.
5. Continue to assist Legal as we work thru three (3) active Environmental Hearing Board appeals for various plans or permits
6. Continue to daily answer questions for NMP and OMP writers, NMP reviewers, delegated Conservation Districts, and others.
7. Assisted DEP with various functions and as workgroup members in Federal and State settings for the Chesapeake Bay Program.

8. Coordinate / Conduct / and Provide support for an Act 38 Deeper Dive, 9,000-gallon application rule workgroups.
9. Started to make edits, off comments received, to the NM Technical Manual and Nutrient Management and Manure Management Administrative Manual.
10. Worked on the 7/12th NMF budget, as well as, the budget request for FY21-22



**COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION**

DATE: January 5, 2021

TO: Members
State Conservation Commission

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

SUBJECT: January 2021 Status Report on Facility Odor Management Plan Reviews

Detailed Report of Recent Odor Management Plan Actions

In accordance with Commission policy, attached is the Odor Management Plans (OMPs) actions report for your review. No formal action is needed on this report unless the Commission would choose to revise any of the plan actions shown on this list at this time. This recent plan actions report details the OMPs that have been acted on by the Commission and the Commission's Executive Secretary since the last program status report provided to the Commission at the November 2020 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 December 31, 2020.

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

	Central	NE/NC	SE/SC	West	Totals
2009	7	6	28	1	42
2010	5	7	25	2	39
2011	10	12	15	2	39
2012	9	17	16	2	44
2013	10	11	38	3	62
2014	13	16	44	2	75
2015	15	15	61	2	93
2016	19	16	59	4	98
2017	25	24	44	3	96
2018	14	13	40	1	68
2019	12	11	14		37
2020	8	11	41	1	61
Regions Total	147	159	425	23	
Grand Total					754

As of December 31, 2020, there are seven hundred and fifty-four **approved** plans and/or amendments, nine plans have been **denied**, twelve plans/ amendments have been **withdrawn** without action taken, eighty-two plans/ amendments were **rescinded**, and fourteen plans/ amendments are going through the **plan review process**.

OMP Actions Status Report

Action	OMP Name	County	Municipality	Species	AEUs	OSI Score	Status	Amended
10/28/2020	Brubaker, Robert L, Jr - Home Farm	Lancaster	Ralpho Twp	Swine	182.52	84.8	Approved	A
11/4/2020	Beiler, Henry F	Clinton	Greene Twp	Horse	6.60	10.8	Approved	
11/4/2020	Martin, Laverne S	Union	E Buffalo Twp	Broilers	277.20	73.4	Approved	
11/10/2020	Riehl, Paul	Lancaster	W Earl Twp	Layers	36.73	139.5	Approved	A
11/12/2020	Dusty Hollow Farm LLC	Franklin	Letterkenny Twp	Swine	168.00	53.9	Approved	
12/3/2020	Hyasota Hill Farms LLC - Swine Finishing Barn	Somerset	Conemaugh Twp	Swine	729.07	40.9	Approved	
12/15/2020	Barrick's Dairy, LLC	Cumberland	Penn Twp	Swine	312.99	39.2	Approved	
12/15/2020	Fry, Austin	Snyder	Jackson Twp	Swine	168.00	27.2	Approved	
12/15/2020	Shadow Ridge Farm, LLC	Lancaster	Strasburg Twp	Layers	626.00	41.2	Approved	A
12/22/2020	Martin, Keith A - Hilltop Acres	Snyder	Chapman Twp	Broilers	234.56	38.4	Approved	
12/22/2020	Murmac Farms LLC	Centre	Spring Twp	Cattle	806.80	36.3	Approved	A
12/22/2020	Walnut Run Farms Partnership - Home Farm	Lancaster	Penn Twp	Cattle	0.00	35.0	Approved	A
12/22/2020	Yippee! Farms, LLC - Glenville Farm	Chester	W Fallowfield Twp	Cattle	837.50	26.1	Approved	A
12/30/2020	JSR Management, LLC	Berks	Upper Bern Twp	Swine	800.00	34.5	Approved	C



**COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION**

DATE: January 4, 2021

TO: Members
State Conservation Commission

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

Kathryn Bresaw
DEP, Bureau of Clean Water

SUBJECT: Calendar Year 2020 Chapter 91 Activities

Below is a summary of the Chapter 91 education, outreach, and compliance activities performed by delegated county conservation districts during calendar year 2020.

DEP collects data, on a quarterly basis, on the Manure Management (Chapter 91.36) requirements that were added to the Nutrient Management and Manure Management Delegation Agreements in July 2012.

In calendar year 2020, delegated conservation districts performed the following activities in regards to Manure Management.

- 311 MMP outreach events (does not include any Act 38 only outreach activities)
- 20,055 MMP outreach contacts (does not include any Act 38 only outreach activities)
- 529 MMP outreach consultant contacts (does not include any Act 38 only outreach activities)
- 79 MMP training events
- 488 farmers reached at MMP training events
- 590 consultants reached at MMP training events.
- 47 Chapter 91 complaints processed
- 21 instances of Chapter 91 complaints compliance required
- 4 Chapter 91 complaints compliance issues referred to DEP

Please note that delegated conservation district have until January 25, 2021 to report 2020 fourth quarter activities, so a few instances may be missed.



COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION

DATE: January 8, 2021
TO: State Conservation Commission
FROM: Johan E. Berger
 Financial, Certification and Conservation District Programs
SUBJ: 2020 Program Accomplishments: Nutrient and Odor Management Specialist;
 Commercial Manure Hauler & Broker Certification programs

Certification Program Summary

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

Program Accomplishments (January 1, 2020 to December 31, 2020)

1. Due to the necessity to adhere to Pennsylvania Coronavirus (COVID-19) workplace closures and meeting recommendations in March 2020, the Spring 2020 training cycles for the Nutrient Management Specialist Certification training and Commercial Manure Hauler and Broker certification training were cancelled and subsequently rescheduled.
 - a. Nutrient Management Specialist Certification training - Program staff evaluated and redeveloped delivery formats of regularly offered training events under the program in order to facilitate training of commercial and public Nutrient Management Specialists who are critical to the implementation of the Act 38 Nutrient Management Program. All-classroom based training were converted to a 'virtual online' delivery format. Two of these training have 'infield training' components that were developed considering PA Department of Health meeting recommendations. The 'rescheduled' training began in August 2020.
 - b. Commercial Manure Hauler and Broker certification training - The cancellation of training had significant impact on training and certifying interested individuals to work in this commercial agricultural service sector.

The Commission, on behalf of the Pa Department of Agriculture, instituted a 'temporary' certification procedure for manure haulers and brokers within the provisions of the existing certification program as follows:

Those persons seeking Commercial Manure Hauler 2, 3 or Broker 1

certification categories are provided an option to obtain a temporary license which would be issued for a period of 6 months or until the next scheduled certification would be offered whichever is sooner. This would grant the individual the appropriate authority under the program to continue to provide manure hauling, application and brokering services.

Program staff conducted an ‘in-person’ certification training on September 28 & 29, 2020 for both of these programs. Program staff continue to evaluate and redevelop delivery formats of regularly offered training events under the program in order to facilitate these trainings.

2. Program staff performed twenty-six (26) reviews of nutrient management plan reviews for certification requirements. *Note: This is an internal review conducted on NMPs under review by public review specialists seeking final certification.*

3. Program staff issued the following licenses to individuals in 2020 who successfully completed ‘final’ certification requirements and/or continuing education requirements for license renewals:

a. Nutrient Management and Odor Management Specialists	73
b. Nutrient Management Specialist (Provisional license)	12
c. Commercial Manure Haulers and Brokers:.....	<u>265</u>
<i>Total</i>	<i>350</i>

4. Total licenses monitored and maintained by Commission staff on behalf of PDA:

a. Nutrient Management Specialists	255
b. Commercial Manure Haulers and Brokers.....	670
c. Odor Management Specialists	<u>36</u>
<i>Total</i>	<i>961</i>

6. Approved credits for eligible continuing education programs scheduled and conducted up to December 31, 2020:

a. Nutrient Management & Odor Management Specialist certification	90 events
b. Commercial Manure Hauler and Broker certification:	30 events
<i>Total</i>	<i>120</i>



COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION

DATE: January 8, 2021
TO: State Conservation Commission
FROM: Johan E. Berger
 Financial, Certification and Conservation District Programs
SUBJ: 2020 Program Accomplishments (January 1, 2020- December 31, 2020)
 Resource Protection and Enhancement Program (REAP)

REAP Program Summary

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

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

Program Accomplishments

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

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

Special note: The summary below includes approved applications that were submitted by farmers after REAP exhausted it’s \$13 million allocation (approximately April 1, 2020). These applications (approx. 50) were rolled-over to the FY2020-21 round of REAP.

(1.) Applications Received - FY 2020

Applications		Total Cost	Other Public Funds	REAP Requests	Credits Granted
FY2019	348	\$37.6 million	\$5.2 million	\$14.51 million	\$12.1 million
FY 2020	327	\$30.2 million	\$2.9 million	\$11.9 million	7.3 million

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

	<u>FY2019</u>	<u>FY2020</u>
REAP Request (project types)		
Proposed Projects	\$3.6 million	\$4.7 million
Completed Projects	\$10.9 million	\$7.2 million
No-Till Equipment, Manure Injectors, Rollers	\$6.6 million	\$6.7 million
Structural BMPs and cover crops	\$7.1 million	\$4.8 million
Plans (Ag E&S, Conservation, Manure & Nut. Mgt.)	\$397,000	\$99,000
Low Disturbance Residue Mgt. Equipment*	\$309,800	\$0
Precision Ag Equipment	\$291,000	\$500,000
Sponsored Applications**	46	44

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

**Sponsorship has been limited to new projects for FY2020, which will likely reduce the overall number of sponsored applications

(3.) Summary of Program Activities - January 01, 2020 – December 31, 2020

The following is a summary of program activities accomplished in calendar year 2020.

Please note that actions (i.e. credits issued) may have been taken on projects or activities approved in prior fiscal years (i.e. FY2018-19 and FY2019-20).

- a. Tax Credits issued to applicants for completed, eligible projects \$11.4M
- b. Number of BMPs completed associated with issued tax credits 487 projects
- c. Number of tax credit ‘sales’ completed 282 sale *transactions*
- d. Total tax credits processed through ‘sales’ \$4.99 million
- e. Number of site inspections conducted on completed projects 15
- f. Educational and promotional activities included speaking events and various visits to conservation districts and NRCS offices across Pennsylvania. 12



COMMONWEALTH OF PENNSYLVANIA
STATE CONSERVATION COMMISSION

January 8, 2021

To: Members
State Conservation Commission

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

RE: Conservation Excellence Grant Program Update

During the September and November 2020 public meetings of the State Conservation Commission, staff briefed the Commission on several major elements of the Conservation Excellence Grant Program as noted below:

1. The Commission was awarded a sub-grant of funds (\$3.848 million) as part of DEP's *Chesapeake Bay Implementation Grant Program* for expansion of the *Conservation Excellence Grant Program* (CEG) in Tier 2 counties identified in the ChesBay Phase III WIP. The Commission took action to expand the CEG Program to Cumberland and Franklin counties in September 2020.
 - CEG Expansion - The *'Agreement for Delegation of Administrative Responsibilities for the Conservation Excellence Grant Program'* and *'Required Output Measures'* have been distributed to the respective Cumberland and Franklin County conservation district Board of Directors for their consideration and signature. Both delegation agreements will provide up to \$1.154 million to each conservation district. Those delegation agreements are moving through the final signature process for execution.
 - Public-Private Partnership - Commission staff is also actively engaged in conversations with Lancaster Farmland Trust and Salisbury Township to develop a public-private partnership model that will utilize CEG's financial bundling (grants, tax credits and loans) concepts in a public private partnership for the implementation of best management practices mimicking the CEG Program. This agreement will be for up to \$1.154 million. LFT has submitted a proposal and Scope of Work which is currently under review by Commission staff in preparation for an agreement for signature to facilitate disbursement of funds for the project.
2. CEG Program activities. The Lancaster and York county conservation districts have been accepting CEG applications since July 2020. The following table illustrates the status of project applications received by each district and the status of projects.

County	Number of approved projects	Project Type	Grant award totals	Comments
<u>Lancaster</u>	2	Grassed waterway & diversions	\$45,000	Completed or under construction
	1	Roofed Manure Stacking area & Heavy Use Area Protection	\$113,300	Completed
<u>York</u>	1	Grassed Waterway	\$24,750	Under construction
	4	Cover Crop Planting	\$21,110	360+ acres

Both Lancaster and York conservation districts continue to receive, and review applications continue with outreach efforts continue individual contacts with farmers, and publication of information through the district websites and newsletters and press release through local news media.



BUILDING BRIDGES

Farmers Municipalities* Citizens
Conservation Districts* Agribusiness*

To: Members December 31, 2020
 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: November - December

- Project Advisory Committee w/ SARE Poultry Pest Short Course development w/ Dr. Machtinger
 - Reviewing final draft
 - Producer outreach to participate in the course.
- Prepare a Letter of Interest for the 2021 NFWF - Chesapeake Bay Innovative Nutrient and Sediment Reduction (INSR) Grants program to address stormwater pollution issues in the Upper Juniata watershed.
 - Meet with NFWF to discuss application for a planning grant to do producer outreach in the Southern Alleghenies region to collect BMP implantation that has not been documented, determine producer interested in a regional food-chain development and promotion of products grow sustainably (ex-beef grown on farms with prescribed pasture plans)
- Prepare multi-functional riparian buffer planting for spring of 2021 at Blair CD's NatureWorksPark
- Research upcoming Rural Business & Cooperative Development grant as potential funding to do a local food hub feasibility study in the Southern Alleghenies region
- Develop interactive signage for the multifunctional buffer at NatureWorksPark
- Planning meetings with Shelly Dehoff and Brook Duer – Center for Agricultural and Shale Law to develop an Agritourism statewide committee. The intent is to gain a statewide consensus of a Agritourism definition.
- Preparing an Urban Ag presentation for the upcoming PASA pre-conference event.

Conflict Issues/Municipal Assistance

- Beaver County – noise pollution complaint – propane cannon for deer control

Meetings/Trainings/Events

Phone conf with Karen Kuhns – USDA Rural Development - November 25
 State Council zoom meeting – Blair County - December 2
 Zoom meeting with Shelly Dehoff to prep for Agritourism group – December 8
 NFWF webinar - December 15
 Zoom meeting with NFWF liaison to discuss grant proposal – December 16
 Zoom meeting with Shelly Dehoff and Brook Duer – December 18

Reports & Grant Applications

--BCCD Board Report
 --DCNR Multi-functional buffer progress report.
 --Review LFPP grant application comments/feedback
 --Prepare for upcoming NFWF grant proposals



BUILDING BRIDGES

Farmers * Municipalities * Citizens
Conservation Districts * Agribusiness

To: Members
State Conservation Commission
January 19, 2020

From: Shelly Dehoff
Agriculture/Public Liaison

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

Re: Agricultural Ombudsman Program Update

Activities: Since mid-November 2020, I have taken part or assisted in a number of events, including the following:

- Partnering with PSU Ag/Shale Law Center to create work group to provide solid agritourism/agritainment definition for upcoming legislation, and work with PSATS to provide education to municipal officials about importance of including agritourism/agritainment in zoning ordinances (along with definitions that don't exclude certain aspect)
- Started assisting with LCCD Manure Injection grant promotion, publicity, organizing field days, starting to create handouts, etc
- Listened to webinar related to Covid-19 and vaccination topics related to ag employers
- Events as South Central Task Force Agriculture Subcommittee Planning Specialist
 - Hosted/facilitated December and January monthly Ag Subcommittee meeting virtually
 - Finished with Mass Evacuation Planning Specialist and assorted ag agencies to finalize planning guidelines/recommendations when mass evacuation or shelter-in-place events occur as it concerns livestock, poultry or companion animals
 - Working with local municipal law enforcement and PA State Police to provide computer based training about handling aggressive dogs for 9-county region.
 - Secured 3 grain bin rescue kits and accompanying augers for 9 county region, and have waiting list for next round of purchases.
 - Working on revising/updating 2 publications previously created by Ag Subcomm; using monthly meetings as work sessions and working with graphic designer for new versions
- Participated and recorded minutes for Nov and Dec. Lancaster Co. Agriculture Council meetings (virtually)
- Still participating in Mushroom Farmers of PA virtual calls to stay aware of latest in phorid fly controls in mushroom houses and in neighborhoods

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

None currently

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

None currently

Research and Education Activities:

Cumberland County—farmer asked for details about high tunnels vs greenhouses and the related stormwater requirements, as it relates to municipal requirements

Nonspecific—researched issues/answers related to animals containing euthanization medicines and rendering as disposal method

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

Chester—Ongoing period complaints related to mushroom phorid flies