

**THE AG MANAGER:
2026-2028
AGRICULTURAL
PLANNING
PORTFOLIO
PRICING
GUIDE**

JP WEIDEMOYER



JP Weidemoyer is an agricultural planner based in Northeastern Pennsylvania, with a focus on nutrient management, compliance, and rural infrastructure. With over a decade of experience in planning and hands-on knowledge of local farming landscapes, JP founded THE Ag MANager to deliver clear, compliant, and cost-effective solutions for Pennsylvania's farming community.

This 2026–2028 portfolio guide highlights both the services offered and the philosophy behind building long-term agricultural resiliency.

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THE Ag

MANager

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About THE Ag MANager

Founded in early fall of 2025 - at the core of THE Ag MANager is a mission to deliver practical, compliant, and forward-thinking agricultural planning solutions tailored to Pennsylvania's diverse farming landscape. With a focus on **environmental integrity**, **regulatory precision**, and **farmer-first sensibility**, I provide full-spectrum services in nutrient management, erosion control, stormwater planning, and facility siting.

Backed by extensive knowledge of **Act 38**, **CAFO/NPDES permitting**, **Clean Streams Law compliance**, and **state-specific BMP guidance**, I work directly with producers to turn complex requirements into clear, achievable plans — without unnecessary delays or inflated costs.

Every plan I develop is built with a dual lens:

- **Regulatory excellence** to meet DEP, SCC, and Conservation District standards
- **Operational insight** that aligns with real-world farm management and integrator expectations

Whether you're navigating a CAFO permit, seeking conservation district approval for new barns, or looking to bundle compliance affordably for a small livestock farm, I bring both the technical depth and flexibility to get it done — right, the first time.

THE Ag MANager ethos isn't just about checking boxes — it's about building smarter farms, one plan at a time.

We look forward to serving you and guiding you through your agricultural planning needs.

-THE Ag MANager



RES

UME

JP WEIDEMOYER

I'm a father, musician, artist, writer, photographer, model, and storyteller - among other things.

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I graduated from Central Columbia High School in 2006, and from Pennsylvania College of Technology in 2008. I've worked primarily as a CAD Design Technician since graduating and working in primarily in the Civil Engineering and related sectors.

#readytowork

Willing to relocate to: Ephrata, PA and surrounding areas

Authorized to work in the US for any employer



WORK EXPERIENCE

Agricultural Planner (formerly Site Designer)

NCS, Inc.

December 2023 - Present

Agricultural Planner

My primary duties include ensuring clients are Act 38 compliant – for all our agricultural clients. I have recently completed my Odor Management Certification, and I have a provisional Certified Nutrient Management Certification, having recently passed the exams.

I work on developing the Nutrient Management Plans, Odor Management Plans, Ag E&S Plans, and Manure Management Plans. I engage directly with the client and gather all pertinent agricultural information, and schedule site visits to the farms, as necessary.

This also includes gathering all pertinent signatures and agreements in place that are required for each formal submission process. As well as answering all questions or concerns that the client may have throughout the Act 38 process and formal permitting process.

Site Designer

Previously, my primary duties included working on Ag and Commercial projects from a near start to finish process. Typically, the owner of the firm communicated with the client about what was needed for the project, which led to the creation of an I&E or Site Visit Report. But from this I&E or Site Visit Report – I would then go out and survey what was required for the project, create a basemap from the survey and other GIS related information, develop the design, details, reports, and specifications required as part of the submission process. I will also be part of any revisions required as part of the review process. And upon completion of the construction of the project, I would then go out for an As-Built survey and create all the As-Built documentation and planning required as part of the final As-Built project.

Most of my day is spent working closely with the entire team at NCS, Inc., as it is a small, very team-oriented firm.

I report directly to the founder/owner of the firm or his assistant, with any questions and comments in an accurate and timely manner as things arise. Most of my time is self-managed, and I am responsible for project coordination and scheduling of field visits/work.

Designer I

McTish, Kunkel & Associates

January 2021 – December 2023

My primary duties included working closely with Civil Engineers and Land Surveyors to ensure accurate and timely plans. I was part of a team-oriented environment and worked directly with senior project managers and engineers on a daily basis. I had personally created multiple spreadsheets and windows folder templates which the department has been able to make daily use of as well. I assisted the surveying department on multiple occasions by doing field work, as well as most recently as the primary inspector for the Norris E. Rock Memorial Pool in Bloomsburg, PA. My day-to-day operations mostly included drafting, stormwater design, project communication, and research.

I report directly to the Vice-President with any questions and comments in an accurate and timely manner as things arise. I regularly communicate my updated workload and upcoming projects schedules.

Our initials were on our work here, and I was always proud of the work that I had accomplished at this medium-sized firm.

Draftsman/Designer

Chrisland Engineering

June 2020 – December 2020

My primary duties included working closely with Civil and Structural Engineers to ensure accurate and timely plans. I was part of a more individual oriented environment, where I worked closely with the surveyor, client, and contractor throughout the design and construction process. I had also completed several site inspections and have completed dozens of deliveries. I had represented the firm at over eight public meetings thus far, including planning commission and zoning hearings. My day-to-day operations mostly included drafting, stormwater design, survey updates, project communication, and research.

I reported directly to the President with any questions and comments in an accurate and timely manner as things arise. I regularly communicated my updated workload and upcoming projects schedules.

Our initials were not on our work here, but I was always proud of the work that I had accomplished at this small firm.

Design Technician

Derck and Edson, LLC

November 2015 to December 2019

My primary duties included working closely with engineers, landscape architects, and architects to ensure accurate and timely plans. I was part of a team oriented environment and thrived on meeting deadlines. I sacrificed my time to work any OT that was requested of me to ensure projects were executed promptly and accurately, particularly in the days leading up to any major submissions.

I reported directly to the CAD manager with any questions and comments in an accurate and timely manner, as not to disrupt the structure within the firm. If my work was executed prior to the estimated hours, I was always asking how else I could help and if there was any work I could assist with either him or the other design technician in the firm.

I was very proud of the work that went out with my initials, and perhaps more importantly the work that our drafting department pushed out during my tenure with the firm.

Conservation Technician

Pennsylvania Association of Conservation Districts - Lebanon, PA

March 2012 to January 2015

As a conservation technician my primary responsibilities included surveying, drafting and design of roof designs and covers, heavy-use areas/waste-storage structures, and stormwater management.

I reported directly to the Natural Resources Conservation Service (NRCS) Area Engineer out of the Lebanon Tech Center with any questions and comments in an accurate timely manner.

I am very proud of the work that went out with my initials, and the impact that was made on the landowners whose projects we were a part of. We made a real difference in the community.



EDUCATION

Associate in Computer Aided Product and Design

Pennsylvania College of Technology - Williamsport,
PA August 2006 to May 2008

High school or equivalent in College Prep

Central Columbia High School - Bloomsburg,
PA August 2002 to June 2006



SKILLS

- Adobe Software (13+ years)**
- Autodesk Software (13+ years)**
- Survey Design (6+ years)**
- GIS Software (6+ years)**
- Surveying (6+ years)**
- Carlson Software (3+ years)**
- Solidworks (2+ years)**
- Revit (1+ years)**
- Bentley Microstation (1+ years)**

ACT

38

The Most Common Agricultural Operation Plans and Their Objectives and Differences

Acronyms or Terms found in this document

State Program

ACAs – Animal Concentration Areas

Act 38 – Pennsylvania Nutrient Management Act

AEUs – Animal Equivalent Units

Ag E&S Plan – Agriculture Erosion and Sediment Control Plan

BMP – Best Management Practices

CAFOs – Concentrated Animal Feeding Operations

CAO – Concentrated Animal Operation

Chapter 83 – State Conservation Commission (SCC) regulations pertaining to nutrient management

Chapter 91 – Department of Environmental Protections (DEP) regulations pertaining to pollution control and prevention at agricultural operations, including the requirement for manure management planning

Chapter 92a – Department of Environmental Protections (DEP) CAFO regulations

Chapter 102 – Department of Environmental Protections (DEP) regulations pertaining to erosion and sediment control

DEP – The Department of Environmental Protection

MMP – Manure Management Plan developed for Chapter 91 compliance

NMP – Nutrient Management Plan developed for Act 38/Chapter 83 compliance

PSU – The Pennsylvania State University

SCC – State Conservation Commission

Federal Program

“590 plan” Nutrient management conservation practice standard (590) plan – plan for land application of nutrients. A “590 plan” is part of the Act 38-equivalent Nutrient Management Plan within a CNMP.

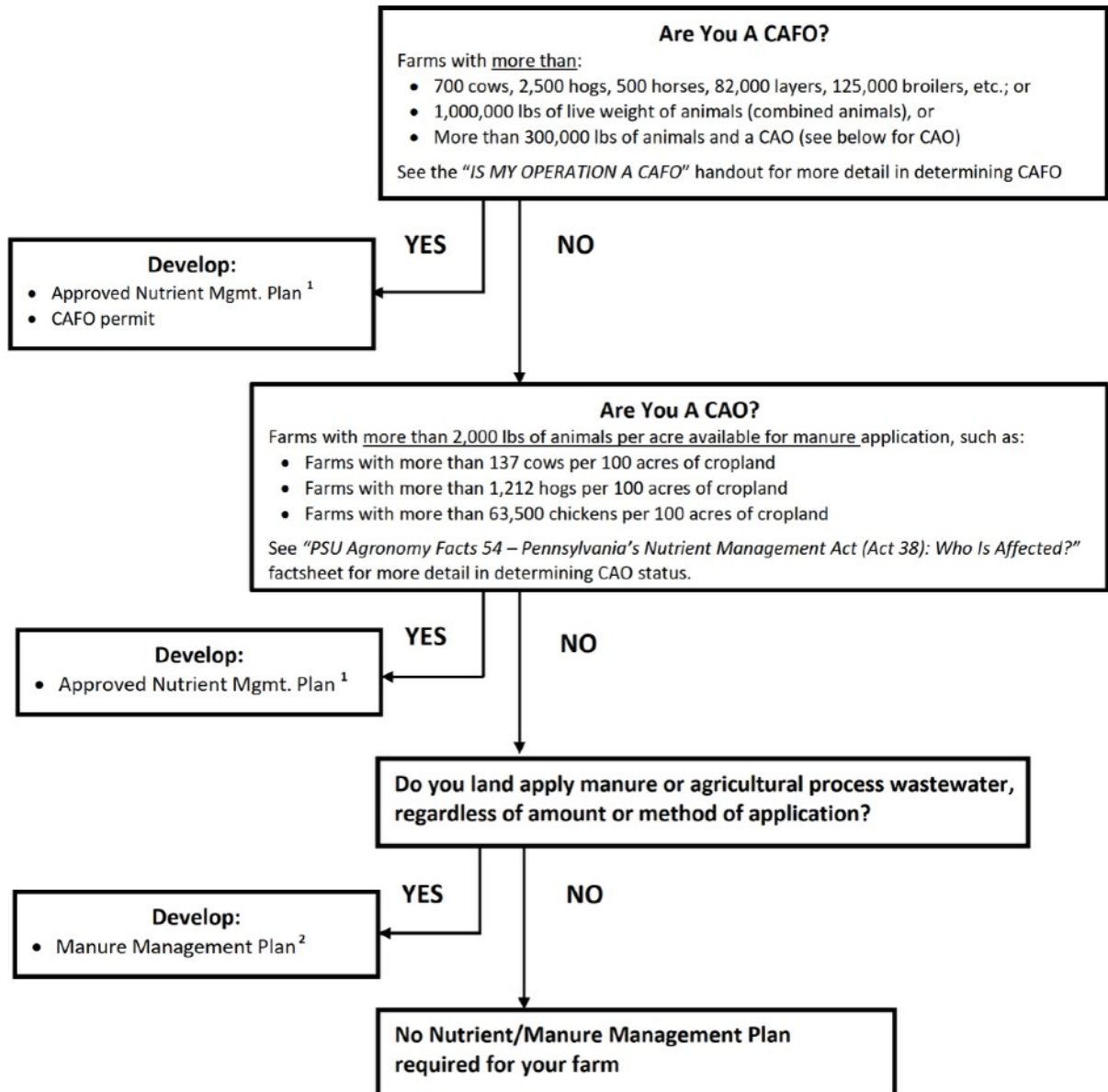
Act 38-equivalent (content and format) Nutrient Management Plan – a nutrient management plan including production facilities, animal concentration areas, crop, pasture, and hay lands. Accounts for all manure generated for an animal operation. The Act 38-equivalent plan serves as the nutrient management technical element of a CNMP.

Comprehensive Nutrient Management Plan (CNMP) – a non-regulatory conservation plan meeting NRCS standards and specifications for nutrient management and soil erosion and presented as a Conservation Plan for animal operations.

NRCS – Natural Resources Conservation Service, an agency of the federal government’s United States Department of Agriculture (USDA).

Technical Service Provider (TSP) – A non-NRCS conservation professional providing conservation plan products and services meeting NRCS standards, specifications and policies.

What Type of Plan Do You Need For Your Farm?



¹Nutrient Management Plan: written by a certified nutrient management specialist to meet Nutrient Management Act 38 standards and approved by the county Conservation District.

²Manure Management Plan: do not need to be written by a certified specialist (farmer can develop the plan themselves according to Manure Management Manual standards) and no submission or approval is required.

Regulatory Pennsylvania State Various Agricultural Plans

Pennsylvania Act 38 Nutrient Management Plan

What is it? – A plan written, as a requirement of state law (Act 38), and regulation Chapter 83 that balances the nutrients needed on individual crop fields and nutrients supplied from manure and other nutrient sources. The plan also includes best management practices (BMPs) to minimize the potential for environmental impact from nutrients on the operation. An Act 38 plan is required for any livestock or poultry farming operation that has more than 8 total animal equivalent units (AEUs) and exceeds 2,000 pounds of live animal weight per acre suitable for manure application. An operation can additionally volunteer to participate under Act 38.

Who can develop an Act 38 Nutrient Management Plan? – Any person certified as a Commercial Nutrient Management Specialist through the Pennsylvania Department of Agriculture’s Nutrient Management Certification Program.

Who reviews an Act 38 Nutrient Management Plan? – Plans are submitted for review either to the local Conservation District Board of Directors or State Conservation Commission. Any person certified as a Public Review or Public Dual Specialist through the Pennsylvania Department of Agriculture’s Nutrient Management Certification Program.

Who approves a Nutrient Management Plan? – The State Conservation Commission or any County Conservation District Board of Directors that has been delegated the authority by the State Conservation Commission to review and take action on a nutrient management plan.

Who certifies Nutrient Management Specialists? – The Pennsylvania Department of Agriculture through the State Conservation Commission grants certification status to persons having completed specific training and planning requirements.

More information can be found at <http://extension.psu.edu/plants/nutrient-management> and PSU Agronomy Facts 40 (<http://pubs.cas.psu.edu/FreePubs/pdfs/uc111.pdf>) and PSU Agronomy Facts 54 (<http://pubs.cas.psu.edu/FreePubs/pdfs/uc149.pdf>)

Concentrated Animal Feeding Operation Nutrient Management Plan

What is it? – A CAFO is a farm where large quantities of livestock or poultry are housed inside buildings or in confined feedlots. An operation with more than 1,000 AEUs or a CAO with 301-1000 AEUs require a CAFO permit before the operation can be populated with livestock. A CAFO permit requires the implementation of an Act 38 Nutrient Management Plan.

Who can complete a CAFO permit and develop the Act 38 Nutrient Management Plan? - A farmer or private consultant can complete the CAFO permit application and submit to the DEP and any person certified as a commercial nutrient management specialist through the Pennsylvania Department of Agriculture’s Nutrient Management Certification Program may develop the nutrient management plan.

Who issues CAFO permits? – The Department of Environmental Protection.

Who reviews CAFO permits and the nutrient management plan for the permit? – The Department of Environmental Protection will review and approve the CAFO permit. The State Conservation Commission (SCC) or any County Conservation District Board of Directors that has been delegated the authority by the SCC to review and take action on a nutrient management plan.

More information can be found on CAFO requirements at http://www.portal.state.pa.us/portal/server.pt/community/nutrient_management/10617/concentrated_animal_feeding_operations_%28cafos%29/554279

Department of Environmental Protection Agricultural Erosion and Sediment Control Plans

What is it? – An Ag E&S plan is written to satisfy the Chapter 102 Erosion and Sediment Control under the Clean Streams Law. An Ag E&S plan is required for operations where agricultural plowing and/or tilling activities (including no-till) and Animal Heavy Use Areas disturb more than 5,000 sq. ft. A NRCS Conservation Plan may satisfy this requirement if certain areas such as soil loss and animal heavy use areas are addressed according to the DEP guidelines.

Who can develop Ag E&S Plans? – Any person can develop their own Ag E&S plan but a Certified Conservation Planner or NRCS Staff is recommended.

Who approves Ag E&S Plans? – There is not a legal requirement for Ag E&S plans to be reviewed or approved, unless construction activities are proposed. Ag E&S plans must be available on the farming operation at all times. These plans would be provided to regulatory agencies upon request.

More information can be found at <http://extension.psu.edu/plants/nutrient-management/manure/overview-of-deps-manure-management-manual/pennsylvania-agricultural-environmental-requirements>

Manure Management Plan

What is it? – A plan, required under Chapter 91, that addresses all farms that generate or utilize manure, and are not regulated by another state approved program. The Pennsylvania Manure Management Manual provides the requirements and a workbook for preparing a Manure Management Plan.

If the farming operation has an Act 38 NMP or CNMP, the operation would be meeting the state requirements for a Manure Management Plan.

Who can develop a Manure Management Plan? – Any person can develop their own Manure Management Plan.

Who approves a Manure Management Plan? – There is no formal legal requirement for a MMP to be reviewed or approved. MMPs must be available on the farming operation at all times. These plans would be provided to regulatory agencies upon request.

*More information can be found at <http://extension.psu.edu/plants/nutrient-management/manure>
<http://extension.psu.edu/plants/nutrient-management/manure/understanding>*

Voluntary Federal Plans

NRCS Comprehensive Nutrient Management Plan (CNMP)

What is it? A CNMP is written when USDA NRCS provides technical or financial assistance for manure or wastewater handling, storage, or land application to an operation. The plan addresses soil erosion and water quality concerns on the animal production facilities, confinement areas, and land receiving manure applications. The CNMP includes three technical elements: land treatment, nutrient management, and engineering. The nutrient management element is equivalent in content and format to the Act 38 NMP but does not require Act 38 program approval.

Who can develop and approve CNMPs? Individuals certified by NRCS develop CNMPs. The complete CNMP is approved by an NRCS Certified Conservation Planner.

To find a Technical Service Provider (TSP) eligible to develop and approve a CNMP

- Go to <http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/technical/tsp/>
- Select "Find TSP"
- Click on your state
- Click on your county
- Select the appropriate Category (CAP – CNMP (102)) or (CNMP Plan Approval)

More information about how to become a Technical Service Provider (TSP) can be found at

<http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/programs/technical/tsp/?cid=stelpdb1043022>

Who reviews CNMPs? Approved CNMPs are reviewed by NRCS field office staff.

Can a CNMP be used in place of an Act 38 NMP? Act 38 regulations require Pennsylvania-certified nutrient management planning and review specialists, an official approval action by the SCC or delegated conservation district Board of Directors, and are legally binding under Pennsylvania law. In contrast, CNMPs are confidential and voluntary developed and approved under a federal guidance system and not subject to Pennsylvania regulation.

More information regarding each element can be found at

<http://efotq.sc.eaov.usda.gov/references/public/PA/PAsowcnmpFeb2010.pdf>

NRCS Conservation Plan

What is it? An NRCS Conservation Plan is a written record, developed with and for the operator and/or owner, of the management decisions and conservation practices currently in use or planned for the operation. An NRCS Conservation Plan is voluntary, evaluates all soil, water, air, plant, and animal resources, and provides alternatives to address any problems or concerns on the operation.

If all criteria of Chapter 102 are met in a Conservation Plan, the plan may satisfy Ag E&S Plan requirements. Consult with your local conservation district staff.

More information about NRCS Conservation Plans can be found at

http://www.nrcs.usda.gov/wps/portal/nrcs/detail/pa/technical/?cid=nrcs142p2_018089

Who can develop and approve Conservation Plans? Individuals certified by NRCS develop and approve conservation plans. *Information about the NRCS Certified Conservation Planner process in Pennsylvania can be found at <http://www.nrcs.usda.gov/wps/portal/nrcs/detail/pa/people/employees/?cid=stelpdb1261357>*

NRCS Nutrient Management (590) Conservation Practice Standard

What is it? Technical standard with criteria for managing the amount (rate), source, placement (method of application), and timing of plant nutrients and soil amendments to land where plants are grown. An Act 38-equivalent NMP meets the 590 practice standard for acres planned in its Appendix 4.

NOTE: PA-DEP Chapter 91 Manure Management Plans do not meet the ACT 38-equivalent Nutrient Management Plan criteria or the NRCS Nutrient Management conservation practice standard (590) plan.

CONCENTRATED ANIMAL

FEEDING OPERATION

CAFO Permit (PA DEP / NPDES)

For operations meeting/exceeding CAFO thresholds (e.g., 1,000 AEUs, 82,000 layers, 2,500 hogs)

- Full AEU and animal type calculations
- CAFO determination worksheet
- NPDES permit application (General or Individual)
- Site layout map with facility locations, buffers, setbacks
- Erosion & Sediment Control (E&S) Plan coordination
- Stormwater management narrative
- Manure storage, transfer, and mortality disposal description
- Recordkeeping forms (weekly inspections, rainfall, discharge logs)
- Public notification prep (as required)
- Coordination with DEP and Conservation District staff
- Submission checklist and final application package



**PAG-12
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 GENERAL PERMIT FOR OPERATION OF
 CONCENTRATED ANIMAL FEEDING OPERATIONS
 NOI CHECKLIST**

Applicant Name: XXXXXXXXXX			
Place a checkmark in the box provided for all items completed and/or provided. Failure to provide all required information will delay the processing of the NOI. ENCLOSE THIS CHECKLIST WITH YOUR COMPLETED NOI.			
	NOI REQUIREMENTS ¹	Check <input checked="" type="checkbox"/> If Included	Check <input checked="" type="checkbox"/> If Not Applicable
1.	One original and two copies of complete NOI form (3800-PM-BCW0032b)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.	NOI Fee made payable to "Commonwealth of Pennsylvania" (\$500) (if applicable)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.	General Information Form (0210-PM-PIO0001) (if applicable)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.	Latest approved Nutrient Management Plan (NMP) and approval letter	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.	Erosion and Sediment Control (E&S) Plan for plowing and tilling and AHUAs (if applicable)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6.	Preparedness, Prevention and Contingency (PPC) Plan for all pollutants and mass mortality management or disposal methods	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.	County and municipal notifications (Act 14) and proof of receipt (if applicable)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.	Topographic map ²	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9.	WQM permit application (if applicable)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10.	Chapter 102 NPDES permit approval letter for earth disturbance activities (if applicable)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

^{1.} See the NOI Instructions (3800-PM-BCW0032a) for additional information.
^{2.} A topographic map included within an approved NMP will generally satisfy this requirement.



**PAG-12
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 GENERAL PERMIT FOR OPERATION OF
 CONCENTRATED ANIMAL FEEDING OPERATIONS
 NOTICE OF INTENT (NOI)**

Before completing this form, read the step-by-step instructions provided in the PAG-12 NOI package.

GENERAL INFORMATION		
1. NOI Type:	<input type="checkbox"/> New Coverage	<input type="checkbox"/> Renewal <input checked="" type="checkbox"/> Amendment
2. Operation Type:	<input type="checkbox"/> New	<input type="checkbox"/> Existing <input checked="" type="checkbox"/> Expanding
3. Reason for NOI:	<input type="checkbox"/> CAO > 300 AEUs	<input checked="" type="checkbox"/> > 1,000 AEUs <input checked="" type="checkbox"/> Large CAFO <input type="checkbox"/> Other
4. If the operation is proposed, list the date of anticipated commencement of operation as a CAFO:	[REDACTED]	
5. Name(s) of surface water(s) closest to the production area(s) and uses under Chapter 93:	[REDACTED]	
Surface Water Name	Existing Use	Designated Use
[REDACTED]	CWF	CWF
6. Maximum Animal Population:	[REDACTED] AEUs	7. AEUs/acre available for application: [REDACTED]
APPLICANT INFORMATION		
1. Organization Name	2. Employer ID# (EIN)	
3.	[REDACTED]	
4.	[REDACTED]	
5.	[REDACTED]	
6.	[REDACTED]	
7.	[REDACTED]	
8.	[REDACTED]	
10.	[REDACTED]	
11. The operation is under contract with the following company(ies) (i.e., integrator(s)):		
Integrator Name	Address	Phone

SITE INFORMATION						
1. Site (CAFO) Name		2. Total Area of Operation				
[REDACTED]		[REDACTED] acres				
3. County Name		Municipality Name		City	Boro	Twp State
[REDACTED]		[REDACTED]		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> PA
4. County Name		Municipality Name		City	Boro	Twp State
[REDACTED]		[REDACTED]		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> PA
5. Site Location Address Line 1			Site Location Address Line 2			
[REDACTED]			[REDACTED]			
6. Site Location City			State	ZIP+4		
[REDACTED]			PA	[REDACTED]		
7. Detailed Written Directions to Site						
[REDACTED]						
8. Site Description (number and size of animal confinement structures)						
[REDACTED]						
9. Production Area Latitude: [REDACTED] Longitude: [REDACTED]						
10. Other Sites Related to This Operation (Satellite Farms):						
Satellite Farm Name		County	Municipality	Animals?		
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]		
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]		
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]		
ANIMAL INFORMATION						
List all animal types at the operation and provide the information requested.						
Animal Type	No. Open Confinement	No. Under Roof Confinement	Total No. Animals	Weight (lbs)	Production Days	AEUs
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
No. AEUs with unrestricted access to surface waters: 0						Total AEUs: [REDACTED]
MANURE AND NUTRIENT MANAGEMENT INFORMATION						
1. Date of Latest NMP Update Approval: In review			Crop Year(s): 2026 - 2028			
2. No. Acres Owned: [REDACTED]		No. Acres Rented/Leased: 0		Total: [REDACTED] for Manure Application		

3. Provide a detailed description of manure and agricultural wastewater management and uses on the operation.

[REDACTED]

PRE-DRAFT

4. List all animal types that generate **solid manure** and provide the information requested.

Animal Type	Amount Generated (Dry Tons/Year)	Amount Used on Operation (Dry Tons/Year)	Amount Exported from Operation (Dry Tons/Year)
None	0	0	0
Totals:			

5. Is solid manure stockpiled on the operation? Yes No
 If Yes, describe locations where manure is stockpiled:

Manure is stockpiled for less than 15 consecutive days.
 Manure is stockpiled for 15 consecutive days or more under cover.

6. List all animal types that generate **liquid and semi-solid manure** and provide the information requested.

Animal Type	Volume Generated (Gallons/Year)	Volume Used on Operation (Gallons/Year)	Volume Exported from Operation (Gallons/Year)
██████████	██████████		██████████
Totals: ██████████ ██████████			

7. Identify all agricultural process wastewater generated on the operation and provide the information requested. If the volume of the wastewater(s) is addressed in No. 6, check the box below and enter a description of the wastewater(s).

Agricultural Process Wastewater Description	Volume Generated (Gallons/Year)	Volume Used on Operation (Gallons/Year)	Volume Exported from Operation (Gallons/Year)
None	0	0	0
Totals:			

The volumes of agricultural process wastewater managed on the operation are incorporated into responses to No. 6.
 There is no agricultural process wastewater generated on the operation.

8. Describe the operation's method(s) for managing animal mortalities.
Mortalities for all animal groups are composted in an onsite composting facility.

9. Does the operation have feed storage facilities that are not under roof? Yes No
 If Yes, describe measures taken to prevent discharges to surface waters:
Bunk feed storages are kept covered with impermeable cover.

10. Is the application of manure during the winter period approved in the NMP? Yes No

MANURE STORAGE FACILITY INFORMATION

1. List all manure storage facilities on the operation that are designed to contain **liquid and semi-solid manure** and provide the information requested.

Type (see Instructions)	Latitude			Longitude			Year Built	Maximum Capacity (Gallons)	Freeboard (ft)		Subsurface Drain?	Leak Detection?	Eng Cert?	WQM Permit?
	Deg	Min	Sec	Deg	Min	Sec			Required	Winter				

2. Describe all structures or locations used for the storage of **solid manure**.

N/A

3. Has an operation and maintenance (O&M) plan been developed for each manure storage facility listed above? Yes No

4. Describe any repairs or corrective action taken for the manure storage facilities listed above within the past five years.

N/A

OTHER INFORMATION			
1. Has an E&S Plan for plowing and tilling and/or Animal Heavy Use Areas been developed for all acres owned, rented or leased by the applicant?			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Year Developed or Last Updated: 2025			
2. If Yes to No. 1, does the E&S Plan reflect current agricultural practices and is it being implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
3. Does the operation include any Animal Heavy Use Area(s) (AHUAs)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
4. If Yes to No. 3, does the E&S Plan address practices to reduce erosion from the AHUA(s)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
5. Describe any biosecurity measures that are specific to the operation (or attach a biosecurity plan):			
Site uses biosecurity measures that are specific to the industries represented on the farm and as required by their integrators.			
EXISTING PERMITS			
Identify all environmental permits issued by DEP or EPA or are pending for this facility/project site within the past five years.			
Type of Permit	Permit No.	Date Issued	Issued By
[REDACTED]			
COMPLIANCE HISTORY			
Was/Is the facility owner or operator in violation of any DEP regulation, permit, order or schedule of compliance at this or any other operation within the past five years? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
If "Yes," list each permit, order or schedule of compliance and provide current compliance status. Use additional sheets to provide information on all permits.			
Permit Program:		Permit No.:	
Brief Description of Non-Compliance:			
Steps Taken to Achieve Compliance		Date(s) Compliance Achieved	
Current Compliance Status: <input checked="" type="checkbox"/> In Compliance <input type="checkbox"/> In Non-Compliance			
CERTIFICATION			
I certify under penalty of law and subject to the penalties of 18 Pa. C.S. Section 4904 (relating to unsworn falsification to authorities) that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I further attest that the operation described herein is eligible for coverage under DEP's PAG-12 General Permit. I certify that I will abide by the terms and conditions of the General Permit. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.			

[REDACTED]

Applicant Name (type or print legibly)

[REDACTED]

Applicant Signature

Owner / Operator

Official Title

[REDACTED]

Date Signed



GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

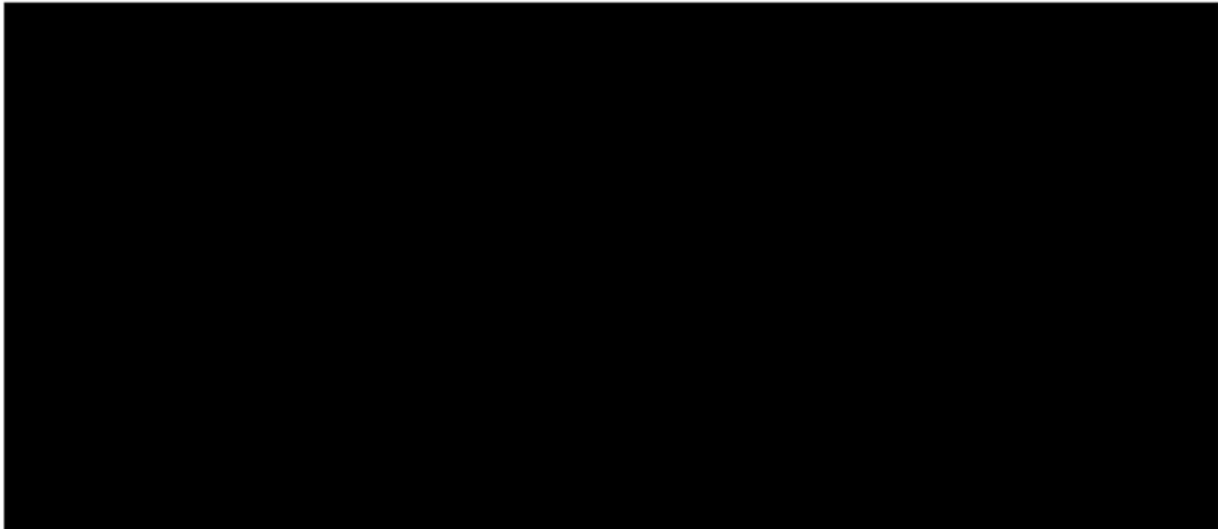
Related ID#s (If Known)		DEP USE ONLY
Client ID# _____	APS ID# _____	Date Received & General Notes
Site ID# _____	Auth ID# _____	
Facility ID# _____		

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#

SITE INFORMATION

--	--	--



FACILITY INFORMATION

- Modification of Existing Facility** Yes No
1. Will this project modify an existing facility, system, or activity?
2. Will this project involve an addition to an existing facility, system, or activity?
If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

Facility Type	DEP Fac ID#	Facility Type	DEP Fac ID#
<input type="checkbox"/> Air Emission Plant	_____	<input type="checkbox"/> Industrial Minerals Mining Operation	_____
<input type="checkbox"/> Beneficial Use (water)	_____	<input type="checkbox"/> Laboratory Location	_____
<input type="checkbox"/> Blasting Operation	_____	<input type="checkbox"/> Land Recycling Cleanup Location	_____
<input type="checkbox"/> Captive Hazardous Waste Operation	_____	<input type="checkbox"/> Mine Drainage Treatment / Land Recycling Project Location	_____
<input type="checkbox"/> Coal Ash Beneficial Use Operation	_____	<input type="checkbox"/> Municipal Waste Operation	_____
<input type="checkbox"/> Coal Mining Operation	_____	<input type="checkbox"/> Oil & Gas Encroachment Location	_____
<input type="checkbox"/> Coal Pillar Location	_____	<input type="checkbox"/> Oil & Gas Location	_____
<input type="checkbox"/> Commercial Hazardous Waste Operation	_____	<input type="checkbox"/> Oil & Gas Water Poll Control Facility	_____
<input type="checkbox"/> Dam Location	_____	<input type="checkbox"/> Public Water Supply System	_____
<input type="checkbox"/> Deep Mine Safety Operation -Anthracite	_____	<input type="checkbox"/> Radiation Facility	_____
<input type="checkbox"/> Deep Mine Safety Operation -Bituminous	_____	<input type="checkbox"/> Residual Waste Operation	_____
<input type="checkbox"/> Deep Mine Safety Operation -Ind Minerals	_____	<input type="checkbox"/> Storage Tank Location	_____
<input type="checkbox"/> Encroachment Location (water, wetland)	_____	<input type="checkbox"/> Water Pollution Control Facility	_____
<input type="checkbox"/> Erosion & Sediment Control Facility	_____	<input type="checkbox"/> Water Resource	_____
<input type="checkbox"/> Explosive Storage Location	_____	<input type="checkbox"/> Other:	_____

Latitude/Longitude Point of Origin	Latitude			Longitude		
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds

Horizontal Accuracy Measure	Feet	--or--	Meters
Horizontal Reference Datum Code	<input type="checkbox"/> North American Datum of 1927 <input checked="" type="checkbox"/> North American Datum of 1983 <input type="checkbox"/> World Geodetic System of 1984		

Horizontal Collection Method Code	
Reference Point Code	

Altitude	Feet	--or--	Meters
Altitude Datum Name	<input type="checkbox"/> The National Geodetic Vertical Datum of 1929 <input checked="" type="checkbox"/> The North American Vertical Datum of 1988 (NAVD88)		

Altitude (Vertical) Location Datum Collection Method Code	
Geometric Type Code	

Data Collection Date			
Source Map Scale Number	Inch(es)	=	Feet
	--or--	=	Meters
	Centimeter(s)		

PROJECT INFORMATION

Project Name
[REDACTED]

Project Consultant Last Name	First Name	MI	Suffix
Weidemoyer	Jeff	P	

Project Consultant Title
Agricultural Planner

Consulting Firm
[REDACTED]

Mailing Address Line 1
[REDACTED]

Mailing Address Line 2
[REDACTED]

State
PA

ZIP+4
[REDACTED]

Phone	Ext	FAX	Email Address
272.879.0299			jeffw@ncsincorp.com

Time Schedules	Project Milestone (Optional)

1. **Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP?** Yes No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online [Environmental Justice Areas Viewer](#).

2. **Have you informed the surrounding community prior to submitting the application to the Department?** Yes No

Method of notification: Act 14 Notice

3. **Have you addressed community concerns that were identified?** Yes No N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. **Is your project funded by state or federal grants?** Yes No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant _____
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) Yes No
- Note:** If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the Land Use Information section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1. Is there an adopted county or multi-county comprehensive plan? Yes No
2. Is there a county stormwater management plan? Yes No
3. Is there an adopted municipal or multi-municipal comprehensive plan? Yes No
4. Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance? Yes No
- Note:** If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.
5. Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval? If zoning approval has been received, attach documentation. Yes No
6. Have you attached Municipal and County Land Use Letters for the project? Yes No

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the [Project Review Form](#).

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

- 1.0 Is this a coal mining project? If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0. Yes No
- 1.1 Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day? Yes No
- 1.2 Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year? Yes No
- 1.3 Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used? Yes No
- 1.4 For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters? Yes No
- 1.5 Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet? Yes No
- 1.6 Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well? Yes No
- 2.0 Is this a non-coal (industrial minerals) mining project? If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0. Yes No

2.1	Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.2	Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.3	Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.4	For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.5	Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
3.0	Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well? If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
3.1	Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
3.2	Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system? If "Yes", discuss in <i>Project Description</i> .	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
3.3	Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
4.0	Will the project involve a construction activity that results in earth disturbance? If "Yes", specify the total disturbed acreage.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
4.0.1	Total Disturbed Acreage				
4.0.2	Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
4.0.3	Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.0	Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility? If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
5.1	Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

5.2	Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.3	Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.4	Is your project an interstate transmission natural gas pipeline?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.5	Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.6	Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.7	Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
6.0	Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
6.1	Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
7.0	Will the project involve the construction and operation of industrial waste treatment facilities?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
8.0	Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations? If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the <i>Project Description</i> , where applicable.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
10.0	Is this project for the beneficial use of biosolids for land application within Pennsylvania? If "Yes" indicate how much (i.e. gallons or dry tons per year).	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
	10.0.1 Gallons Per Year (residential septage) _____				
	10.0.2 Dry Tons Per Year (biosolids) _____				
11.0	Does the project involve construction, modification or removal of a dam? If "Yes", identify the dam.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
	11.0.1 Dam Name _____				
12.0	Will the project interfere with the flow from, or otherwise impact, a dam? If "Yes", identify the dam.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
	12.0.1 Dam Name _____				

13.0	Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
13.0.1	If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission. Enter all types & amounts of emissions; separate each set with semicolons.				
14.0	Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year? If "Yes", check all proposed sub-facilities.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
14.0.1	Number of Persons Served	_____			
14.0.2	Number of Employee/Guests	_____			
14.0.3	Number of Connections	_____			
14.0.4	Sub-Fac: Distribution System	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.5	Sub-Fac: Water Treatment Plant	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.6	Sub-Fac: Source	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.7	Sub-Fac: Pump Station	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.8	Sub Fac: Transmission Main	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.9	Sub-Fac: Storage Facility	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
15.0	Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
16.0	Is your project to be served by an existing public water supply? If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
16.0.1	Supplier's Name	_____			
16.0.2	Letter of Approval from Supplier is Attached	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
17.0	Will this project be served by on-lot drinking water wells?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
18.0	Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)? If "Yes", reference Safe Drinking Water Program.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
18.0.1	Source Name	_____			
19.0	Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste? If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
19.0.1	Type & Amount	_____			
20.0	Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
21.0	Does your project involve installation of a field constructed underground storage tank? If "Yes", list each Substance & its Capacity. Note: Applicant may need a Storage Tank Site Specific Installation Permit.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
21.0.1	Enter all substances & capacity of each; separate each set with semicolons.	_____			


22.0	Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility? If "Yes", list each Substance & its Capacity. Note: Applicant may need a Storage Tank Site Specific Installation Permit.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
22.0.1	Enter all substances & capacity of each; separate each set with semicolons.				
23.0	Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724? If "Yes", list each Substance & its Capacity. Note: Applicant may need a Storage Tank Site Specific Installation Permit.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
23.0.1	Enter all substances & capacity of each; separate each set with semicolons.				
24.0	Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons? If "Yes", list each Substance & its Capacity. Note: Applicant may need a Storage Tank Site Specific Installation Permit.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
24.0.1	Enter all substances & capacity of each; separate each set with semicolons.				
NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks					
25.0	Will the intended activity involve the use of a radiation source?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Jeff Weidemoyer

<u>Signature</u>	<u>Agricultural Planner</u>	<u></u>
Signature	Title	Date

Preparedness, Prevention and Contingency (PPC) Plan Summary

(To be prominently posted on-site for quick access and implementation)

Farm Operation Name:

Material and Waste Inventory

(List manure, wastewater, pesticides, fuels, etc.)

Material/Waste	Location(s)	Amount (Tons/Gallons)
Compost	Manure Storage / Compost pile	30 tons
Gasoline / Fuel	At farmstead and residence	2x1000 gal, 500 gal tanks
Pesticides	Implement Shed	< 6 gal

There are also chemicals and petroleum products associated with daily farming activities located on this site. These chemicals and products are located and stored in a designated building. The structure is a secured building that is secured with locks and proper ventilation. The chemicals in this structure are stored in strict accordance with the product label.

List of Emergency Coordinators

(Primary Emergency Coordinator First and Secondary Coordinators in order of contact)

Name	Title	Primary Phone No.	Second Phone No.
[REDACTED]	Owner/Operator	[REDACTED]	
[REDACTED]	Agricultural Consultant	[REDACTED]	272-879-0299

Countermeasures by the Facility

(For the items listed in the above "Material and Waste Inventory" summarize specific measures to be taken in the event of an emergency)

The total manure volumes stored in each structure will be managed at all times, and removal of manure will be scheduled in accordance with the approved nutrient management plan to maintain the maximum storage capacity available.

Identify the source of any spill of manure and/or other materials and the amount discharged from the facility. Determine if any manure and/or other materials have migrated off-site. Notify or give direction to notify the local emergency response agencies. Alert the necessary management and/or emergency coordinators.

In the event of a spill of manure and/or other materials, the first action of employees will be to prevent any migration of the contaminant into surface water sources. Straw bales can be staked in front of the contaminant release to temporarily stop its migration. Straw can also be spread over the spill to absorb as much of the contaminant material as possible. If necessary, a contractor/excavator may be needed to further contain the spill of manure.

In the event of a manure storage structure failure, pumps and transportation vehicles will be used to recover as much manure as possible and the above measures will be used to temporarily contain the manure until it can be recovered.

Following the emergency, the Emergency Coordinator will be responsible to make sure that any residues or contaminated material are properly cleaned up and disposed.

Emergency Contractor Assistance

(Specify the contractors that will be contacted to assist with the countermeasures listed above)

Name	Title/Organization	Service Rendered	Phone No.
		Excavator Contractor	
		Building Contractor	
[REDACTED]	Agricultural Consultant	Environmental and Nutrient Mgmt Assistance	[REDACTED] 272-879-0299

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Emergency Equipment Available for Response
(Equipment available on-site)

Equipment	Use	Location
Farm Equipment	Waste containment & removal	On Farm
Front End Loader, Skid Loader, or Backhoe	Waste containment & removal	On Farm
Manure Spreader	Manure hauling & spreading	On Farm
Fire Extinguishers	General Purpose for all fires (Type ABC)	Utility building and barns
Absorbent Materials	Waste containment & absorption	Utility Building

Emergency Response Agencies

(Agencies responding to and assisting with emergencies, including hazard response, police, fire and hospitals)

Agency/Responder Name	Notify When:	Phone No.
PA Department of Environmental Protection (DEP) Southwest Regional Office	Any spill of manure or other wastes or products occurs that has the potential to reach surface waters or groundwater or affect public health	[REDACTED]
PA Fish and Boat Commission	Any spill of manure or other wastes or products occurs that reaches surface waters	
[REDACTED]	Any spill of manure or other wastes or products occurs that reaches surface waters	
Fire	Fire Department	911
Police	Police Department	911
Ambulance		911

Emergency Spill Agencies

(Government agencies to notify in the event of a leak or spill)

Agency/Responder Name	Notify When:	Phone No.
PA Department of Environmental Protection (DEP) Southwest Regional Office	Any spill of manure or other wastes or products occurs that has the potential to reach surface waters or groundwater or affect public health	[REDACTED]
PA Fish and Boat Commission	Any spill of manure or other wastes or products occurs that reaches surface waters	
[REDACTED]	Any spill of manure or other wastes or products occurs that reaches surface waters	

Downstream Notification

(Specify public, private or recreational downstream users to contact in the event of a spill or leak with the potential to reach surface waters or groundwater.)

User Name	Facility Description	Phone No.
PA DEP, Bureau of Water Supply and Wastewater Management		1-888-975-9690
PA Fish and Boat Commission		[REDACTED]

PPC Mass Mortality Plan

1. Contact Somerset County Conservation District at 814-445-4652 for guidance

2 Contact NRCS Somerset Service center at 814-445-6174 for guidance

Animal Type	Animal Number (to be disposed of)
[REDACTED]	[REDACTED]

Additional Materials:

Type	Amount

Method of Disposal

Composting:

1. Amount and Source of Carbon Material:

2. Location of Compost Site: (on map)

On Site

Landfilling:

1. Confirmation or agreement from permitted waste disposal site. **Attached

2. How will mortalities be transported and sources of supplies (ie.; trucks, dumpsters, dumpster liners)

No Agreement in place

Burying:

- 1. Mortalities must be placed so that every part shall be covered by at least two feet of earth at a location not less than 100 ft from waters of the Commonwealth, 100 ft from a open sinkhole, and outside of the 100-year flood plain.**
- 2. Location of burial site. (on map)**

[Redacted]

[Redacted]

Certified Mail: [Redacted]

Dear Commissioners,

The purpose of this notice is to inform you of our intent to submit a National Pollutant Discharge Elimination System (NPDES) Permit application to the Pennsylvania Department of Environmental Protection (DEP) for the following:

Application Type: New Reissuance

Applicant Name: [Redacted]

Facility Name: [Redacted]

Facility Address: [Redacted]

Municipality: [Redacted]

County: [Redacted]

Description of Project or Activity: [Redacted]

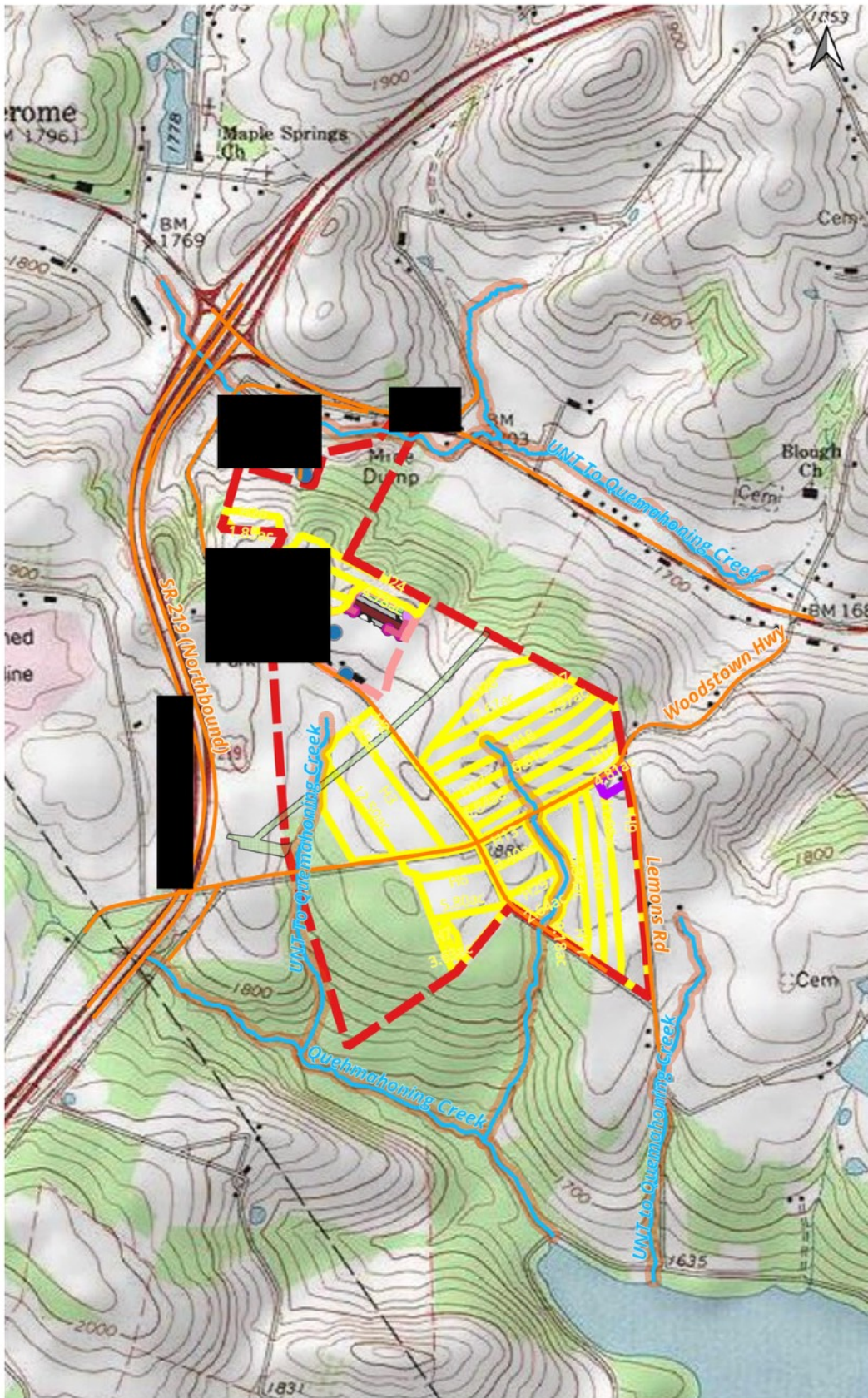
This notice is required by Act 14, which amended the Commonwealth of Pennsylvania Administrative Code. Act 14 requires that each applicant for a DEP permit give written notice to the municipality(ies) and the county(ies) in which the permitted activity is located. The written notices must be received by the municipality(ies) and county(ies) at least 30 days before DEP may issue or deny the permit. Should you have any questions with regard to the permit application please contact the office below:

[Redacted]

Sincerely,

Jeff Weidemoyer
Agricultural Planner
272.879.0299









Existing

- Roads 
- Streams 
- 100 FT Veg Buffer 
- Wells 
- 100 FT Well Buffer 
- Grassed Waterway 
- Farm Boundary 
- Farmstead 
- Field Boundary 

Proposed

- Farmstead 
- Pipe 
- Inlet 
- Outlet 
- Basin 
- Barn 
- Gravel Pad 

Maps

USA_Topo_Maps

Landowner:



Address:



NMP Topo Map

1,000 0 1,000 2,000 3,000 4,000 ft



NUTRIENT

MANAGEMENT PLAN

Nutrient Management Plan (Act 38)

For CAOs (≥ 2 AEU/acre + ≥ 8 AEU total) or operations exporting/importing manure under Act 38

- Animal numbers, weight, and annualization for AEU calculation
- Field acres mapping (owned, rented, imported, exported)
- Crop rotation and yield documentation
- Manure storage capacity and stacking duration
- Application rates and timing based on crop need
- Phosphorus Index (P-Index) scoring
- Nutrient Balance Sheets for imports/exports (Option 3 if needed)
- Maps showing field IDs, buffers, setbacks, and spreading restrictions
- Implementation schedule and site-specific emergency plan
- Plan summary sheets (required for review)
- Conservation District submission and approval coordination

Nutrient Management Plan

For Crop Year(s)

2026

2027

2028

Prepared For

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



Operation's Location Address (if different than above)



Site Name (CAFOs)

Prepared By

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

Jeff Weidemoyer
113 Roosevelt Dr
Morea, PA 17948
272-879-0299

Nutrient Management Specialist's Program Certification Number

2893-NMC

Administratively Complete Date

Plan Approval Date

Plan Update Submission Date(s)

(updates to the approved plan not requiring board action)

Table of Contents

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- Appendix 9: Operation Maps (Mapping Program)
 - Topographic Map
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- Appendix 10: Supporting Information & Documentation (Word)
(List below the required documents included in the plan.)
 - (a) Emergency Response Plan
 - (b) Soil Analysis
 - (c) NMP Farm HQ Map
 - (d) NMP Existing Farmstead Map

Nutrient Management Plan Summary

Total acres reported in NMP Summary: 35.4 Crop Year(s) 2026
 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: 26 Rented: 0
 Total Acres: 26

Animal Equivalent Units: 210.77 Animal Equivalent Units Per Acre: 8.11

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		
GH1.Fall	5.75	Soybeans with Manure	Layers Fall	Early Fall	Early Fall: Next summer use by a summer crop after unharvested cover crop. Incorporate after 7 days or none	1 tons/A											
GH1.Fall	5.75	Soybeans with Manure	Layers Fall	Early Fall	Early Fall: Next summer use by a summer crop after unharvested cover crop. Incorporate after 7 days or none	1 tons/A							0	-116	34		
GH2.Fall	11.95	Soybeans with Manure	Layers Fall	Early Fall	Early Fall: Next summer use by a summer crop after unharvested cover crop. Incorporate after 7 days or none	4 tons/A											

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
GH2.Fall	11.95	Soybeans with Manure	Layers Fall	Early Fall	Early Fall: Next summer use by a summer crop after unharvested cover crop. Incorporate after 7 days or none	4 tons/A						0	-464	-154	
GH1.Spring	5.75	Soybeans with Manure	Layers Spring	Spring	Spring: Incorporated after 7 days or none	1 tons/A									
GH1.Spring	5.75	Soybeans with Manure	Layers Spring	Spring	Spring: Incorporated after 7 days or none	1 tons/A						0	-116	34	
GH2.Spring	11.95	Soybeans with Manure	Layers Spring	Spring	Spring: Incorporated after 7 days or none	4 tons/A									
GH2.Spring	11.95	Soybeans with Manure	Layers Spring	Spring	Spring: Incorporated after 7 days or none	4 tons/A						0	-464	-154	

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

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

NMP Summary Notes

CMU/Field ID	Notes	Crop Years 2026
GH1.Fall	100 FT Well setback	
GH1.Fall	100 FT Well setback	
GH2.Fall		
GH2.Fall		
GH1.Spring	100 FT Well setback	
GH1.Spring	100 FT Well setback	
GH2.Spring		
GH2.Spring		

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

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

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 2025
Structure for Water Control	587	Farmstead	Fall 2025
Subsurface Drain	606	Farmstead	Fall 2025
Lined Waterway or Outlet	468	Farmstead	Fall 2025

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 will be no in-field stacking of manure 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

Proposed Manure Storage Description

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

Type – Concrete roofed stack pad

Dimensions – 50' x 108' x 6'

Volume – 32,400 CF

Freeboard – N/A

Location – Adjacent to proposed poultry barns

Description of Planned Alternative Manure Technology Practices

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

N/A

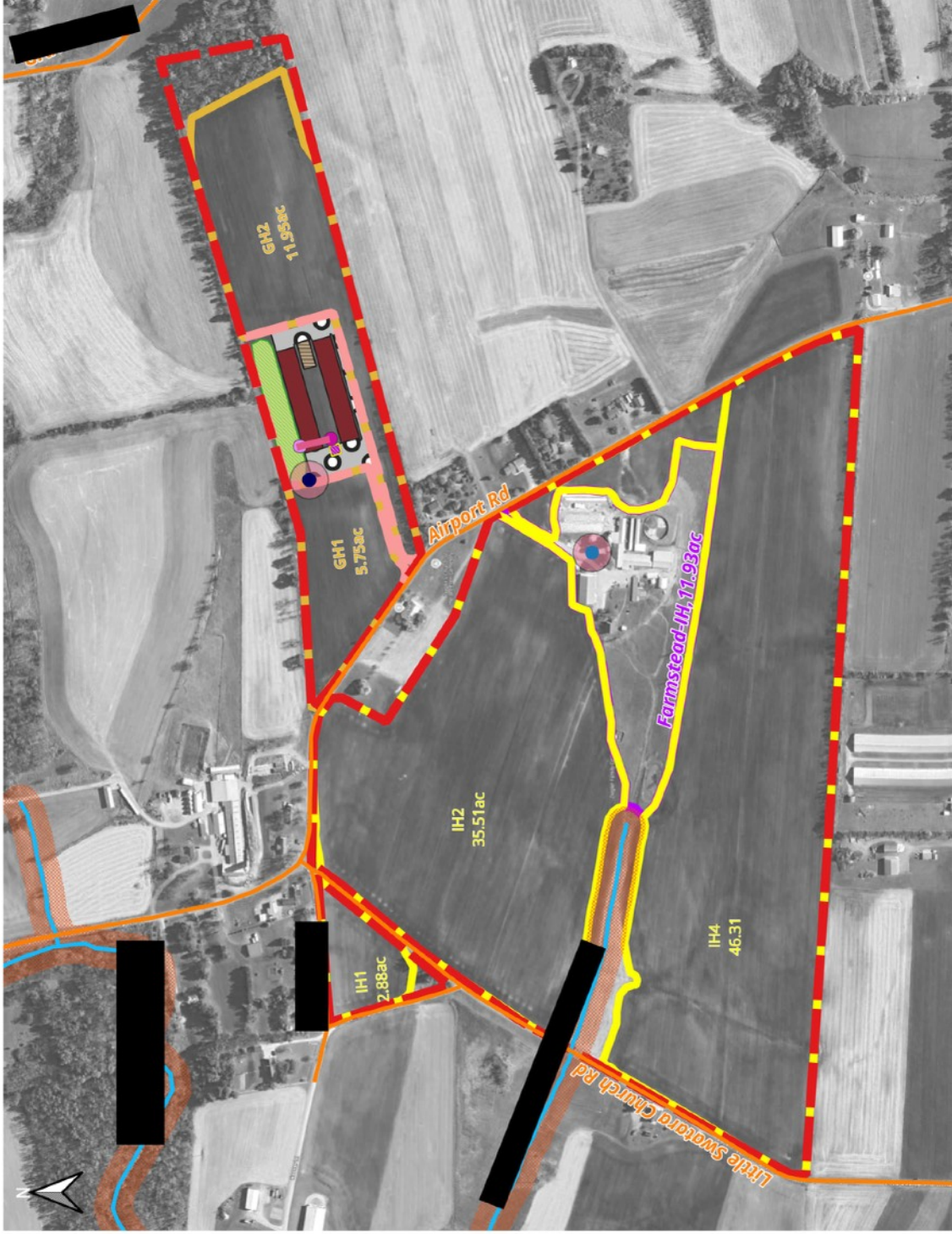
Exported Manure Summary

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

Manure is going to be land applied on the farm, and the remaining manure to be allocated is to be exported off the farm.

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.



Existing

- Wells
- 100 FT Well Buffer
- Roads
- Streams
- 100 FT Veg Buffer
- Farm Boundary
- Field Boundary
- Farmstead

Proposed

- Well
- 100 FT Well Buffer
- Farmstead
- Field Boundary
- Pipe
- Inlet
- Outlet
- Basin
- Equip and Storage
- Barn
- Manure Stack Pad
- Gravel Pad
- Access Drive

Maps

Google Satellite Hybrid

Landowner: [Redacted]

Address: [Redacted]

NMP Farm Map



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	2026	2027	2028

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 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 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



Date

April 28, 2025

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

Operator

Date

4/4/2025

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); each animal group on pasture (animal numbers, grazing season, hours per day on pasture, fields grazed, type and description of grazing management – continuous or rotational) composting (including mortality) management.



County(s)



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

Little Swatara Creek

Notation of Special Protection Waters

CWF, MF

Operation Acres

Total Acres: 0

Total Acres Available for Nutrient Application Under Operator's Control

Owned: 26

Rented: 0

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



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 is currently no existing manure storage under the operator's management control.

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.

An application rate of 1 ton/ac and 4 ton/ac will be calibrated for all manure to be allocated.

Appendix 3 Manure Group Information Crop Yrs. 2026	Layers Fall		Layers Spring	
	BV	PSU Ag Guide	BV	PSU Ag Guide
Manure Report Date(s) (Refer to 5-yr Manure Average Printout)				
Laboratory Name				
Manure Type	Poultry		Poultry	
Manure Unit (lb/ton or 1000 gal)	lb/ton		lb/ton	
Total Nitrogen (N) (lb/ton or 1000 gal)	12		12	
Ammonium N (NH ₄ -N) (lb/ton or 1000 gal)	49		49	
Total Organic N (lb/ton or 1000 gal)	-37.00		-37.00	
Total Phosphate (P ₂ O ₅) (lb/ton or 1000 gal)	58		58	
Total Potash (K ₂ O) (lb/ton or 1000 gal)	33		33	
Percent Solids	67		67	
PSC Value (analytical or book value)	0.8		0.8	
Percent Moisture	33.00		33.00	
Manure Group AEU's	105.38		105.38	
Description: Site & Season Applied	Roofed Stack Pad	Fall	Roofed Stack Pad	Spring
Inventory Method	Calculated		Calculated	
	Collected Calc.	Uncollected Calc.	Collected Calc.	Uncollected Calc.
Manure Group Identification	Layers Fall		Layers Spring	
CALCULATED: Total Manure Collected Per Manure Group	509.7 Tons		509.7 Tons	
RECORDS: Total Manure Collected Per Manure Group				
Manure Used On-Farm	Collected 107.1 Tons	Uncollected 0.0	Collected 107.1 Tons	Uncollected 0.0
Manure Exported	402.6 tons		402.6 tons	
Manure Allocation Balance	0.0 Tons	0.0	0.0 Tons	0.0
Manure Balance as a Percent of Total Manure Collected	0.0%		0.0%	
Total Rainfall and Runoff				

Appendix 3 Manure Group Information Crop Yrs. 2026	Layers Fall		Layers Spring	
	Manure Generation per Animal Group	Uncollected Manure-Nutrient Analysis Book Values	Manure Generation per Animal Group	Uncollected Manure-Nutrient Analysis Book Values
Animal Group 1	Layers Fall		Layers Spring	
Animal Type	Layer, white egg, 18-30 wk.		Layer, white egg, 18-30 wk.	
Animal Number	70000		70000	
Animal Weight	3.14 lbs		3.14 lbs	
Animal Group AUs	219.80 AUs		219.80 AUs	
Animal Group AELUs	105.38 AELUs		105.38 AELUs	
Daily Manure Production per AU	26.5 lb		26.5 lb	
Total Days Manure Produced	175 days		175 days	
Total Manure Produced	509.66 tons		509.66 tons	
Days On Pasture	0 days		0 days	
Hours Per Day On Pasture	0 hrs		0 hrs	
Total Bedding	0.00 tons		0.00 tons	
Total Washwater	0.00 tons		0.00 tons	
CALCULATED - Total Uncollected Manure Per Animal Group				
CALCULATED-Total Manure Collected Per Animal Group	509.66 tons		509.66 tons	

App. 4: Crop Yrs. 2026		GH1:Fall			GH1:Fall			GH2:Fall			GH2:Fall			GH1:Spring		
CMU/Field ID	Acre	5.75			5.75			11.95			11.95			5.75		
Soil Test Report Date	December 30, 2024	December 30, 2024			December 30, 2024			December 30, 2024			December 30, 2024					
Laboratory Name	Spectrum Analytic	Spectrum Analytic			Spectrum Analytic			Spectrum Analytic			Spectrum Analytic					
Soil Test Levels (Mehlich-3 P & K) (Show conversions to ppm in Appendix 10)	ppm P 240	ppm K 85	pH 6.4	ppm P 240	ppm K 85	pH 6.4	ppm P 100	ppm K 73	pH 5.8	ppm P 100	ppm K 73	pH 5.8	ppm P 240	ppm K 85	pH 6.4	
P Index Part A Evaluation	Soil Test P Part B	Soil Test P Part B			Soil Test P Part B			No to All Part A N Based			No to All Part A N Based			Soil Test P Part B		
Part A Result	Part B	Part B			Part B			N Based			N Based			Part B		
Crop	Soybeans with Manure	Soybeans with Manure			Soybeans with Manure			Soybeans with Manure			Soybeans with Manure			Soybeans with Manure		
Planned Yield	60 bu/A	60 bu/A			60 bu/A			60 bu/A			60 bu/A			60 bu/A		
PSU Soil Test Recommendation (lb/A)	N 192	P205 0	K20 100	N 192	P205 0	K20 100	N 192	P205 0	K20 110	N 192	P205 0	K20 110	N 192	P205 0	K20 100	
User Soil Test Recommendation (lb/A) Other Nutrients Applied (lb/A) (Nutrients applied regardless of manure)																
P Index Application Method																
Double Crop Carryover N (lb/A)	0				0					0						
Manure History Description Residual Manure N (lb/A)	20	Frequently - Summer Crop		0	Frequently - Summer Crop		20	Frequently - Summer Crop		0	Frequently - Summer Crop		20	Frequently - Summer Crop		
Legume History Description Residual Legume N (lb/A)	0	No Legume Residual N Credit		0	No Legume Residual N Credit		0	No Legume Residual N Credit		0	No Legume Residual N Credit		0	No Legume Residual N Credit		
Net Nutrients Required (lb/A)	172	0	100	191	-58	67	172	0	110	246	-232	-22	172	0	100	
Manure Group	Layers Fall	Layers Fall		Layers Fall		Layers Fall		Layers Fall		Layers Fall		Layers Spring				
Application Season; Management (incorporation, cover crops, etc.)	Early Fall; Next summer use by a summer crop after unharvested cover crop. Incorp after 7 days or none	Early Fall; Next summer use by a summer crop after unharvested cover crop. Incorp after 7 days or none		Early Fall; Next summer use by a summer crop after unharvested cover crop. Incorp after 7 days or none		Early Fall; Next summer use by a summer crop after unharvested cover crop. Incorp after 7 days or none		Early Fall; Next summer use by a summer crop after unharvested cover crop. Incorp after 7 days or none		Early Fall; Next summer use by a summer crop after unharvested cover crop. Incorp after 7 days or none		Early Fall; Next summer use by a summer crop after unharvested cover crop. Incorp after 7 days or none		Spring; incorporated after 7 days or none		
Nitrogen Availability Factors (NH4-N & Organic N)	NH4-N 0.00	Org. N 0.50		NH4-N 0.00	Org. N 0.50		NH4-N 0.00	Org. N 0.50		NH4-N 0.00	Org. N 0.50		NH4-N 0.20	Org. N 0.50		
P Index Application Method	April - Oct: No incorp or incorp > 1 wk.	April - Oct: No incorp or incorp > 1 wk.		April - Oct: No incorp or incorp > 1 wk.		April - Oct: No incorp or incorp > 1 wk.		April - Oct: No incorp or incorp > 1 wk.		April - Oct: No incorp or incorp > 1 wk.		April - Oct: No incorp or incorp > 1 wk.		April - Oct: No incorp or incorp > 1 wk.		
N Balanced Manure Rate (ton; gal/A)	-9.3 tons/A	-10.3 tons/A		-9.3 tons/A		-13.3 tons/A		-9.3 tons/A		-13.3 tons/A		-19.8 tons/A		-19.8 tons/A		
P Removal Balance Manure Rate (ton or gal/A; if required by P Index)	1 tons/A	60.0		0 tons/A	2.0	60.0		1 tons/A	60.0	0 tons/A	0.0	60.0		1 tons/A	60.0	
Crop P Removal (lb/A)	44	44		44		44		44		44		44		44		
Planned Manure Rate (ton or gal/A)	1 tons/A	33		1 tons/A	33	33		4 tons/A	132	4 tons/A	132	4 tons/A		1 tons/A	33	
Nutrients Applied at Planned Manure Rate (lb/A)	-19	58	67	-19	58	33		-74	232	-74	232	132		-9	58	
Nutrient Balance after Manure	191 removal	-58	67	210 removal	-116	34		246 removal	-232	320 removal	-454	-154		181 removal	-68	
Supplemental Fertilizer (lb/A)	0	0	0	0	0	0		0	0	0	0	0		0	0	
P Index Application Method																
Final Nutrient Balance (lb/A)				0	-116	34				0	-454	-154				
Multiple Application	GH1:Fall.1 Multiple Initial	6 tons		GH1:Fall.2 Multiple Final	6 tons	6 tons		GH2:Fall.1 Multiple Initial	48 tons	GH2:Fall.2 Multiple Final	48 tons	48 tons		GH1:Spring.1 Multiple Initial	6 tons	
Manure Utilized on CMU																

App. 4: Crop Yrs. 2026		GH1 Spring				GH2 Spring				GH2 Spring			
CMU/Field ID		5.75				11.95				11.95			
Acre		December 30, 2024				December 30, 2024				December 30, 2024			
Soil Test Report Date		Spectrum Analytic				Spectrum Analytic				Spectrum Analytic			
Laboratory Name		ppm P	ppm K	pH		ppm P	ppm K	pH		ppm P	ppm K	pH	
Soil Test Levels (Mehlich-3 P & K) (Show conversions to ppm in Appendix 10)		240	85	6.4		100	73	5.8		100	73	5.8	
P Index Part A Evaluation		Soil Test P Part B				No to All Part A				No to All Part A			
Part A Result		Soybeans with Manure				Soybeans with Manure				Soybeans with Manure			
Crop		60 bu/A				60 bu/A				60 bu/A			
Planned Yield													
PSU Soil Test Recommendation (lb/A)		N	P205	K20		N	P205	K20		N	P205	K20	
User Soil Test Recommendation (lb/A)		192	0	100		192	0	110		192	0	110	
Other Nutrients Applied (lb/A) (Nutrients applied regardless of manure)													
P Index Application Method													
Double Crop Carryover N (lb/A)		0				0				0			
Manure History Description Residual Manure N (lb/A)		0				20				0			
Legume History Description Residual Legume N (lb/A)		0				0				0			
Net Nutrients Required (lb/A)		161	-58	67		172	0	110		207	-232	-22	
Manure Group		Layers Spring				Layers Spring				Layers Spring			
Application Season: Management (incorporation, cover crops, etc.)		Spring: Incorporated after 7 days or none				Spring: Incorporated after 7 days or none				Spring: Incorporated after 7 days or none			
Nitrogen Availability Factors (NH4-N & Organic N)		NH4-N	Org. N			NH4-N	Org. N			NH4-N	Org. N		
		0.20	0.50			0.20	0.50			0.20	0.50		
P Index Application Method		April - Oct: No incorp or incorp > 1 wk.											
N Balanced Manure Rate (ton; gal/A)		-20.8 tons/A				-19.8 tons/A				-23.8 tons/A			
P Removal Balance Manure Rate (ton or gal/A; if required by P Index)		0 tons/A				1 tons/A				0 tons/A			
P Index Value		44				60.0				0.0			
Planned Manure Rate (ton or gal/A)		1 tons/A				4 tons/A				4 tons/A			
Nutrients Applied at Planned Manure Rate (lb/A)		-9	58	33		-35	232	132		-35	232	132	
Nutrient Balance after Manure		190 removal	-116	34		207 removal	-232	-22		242 removal	-464	-154	
Supplemental Fertilizer (lb/A)		0	0	0		0	0	0		0	0	0	
P Index Application Method													
Final Nutrient Balance (lb/A)		0	-116	34						0	-464	-154	
Multiple Application		GH1 Spring 2 Multiple Final				GH2 Spring 1 Multiple Initial				GH2 Spring 2 Multiple Final			
Manure Utilized on CMU		6 tons				48 tons				48 tons			

Appendix 5 - P Index

Crop Yrs. 2026

Pennsylvania P Index Version 2

PART A: SCREENING TOOL CMU/Field ID	PART A: SCREENING TOOL	CMU/Field ID	GH1
Is the CMU in a Special Protection watershed? A significant farm management change as defined by Act 38?	Is the CMU in a Special Protection watershed? Is there a significant farm management change as defined by Act 38?	If the answer is Yes to any of these questions, Part B must be used.	No
Soil Test Mehlich 3 P greater than 200 ppm P?	Is the Soil Test Mehlich 3 P greater than 200 ppm P? (enter soil test value in ppm P)		240
Contributing Distance from CMU to receiving water <150 ft.?	Is the Contributing Distance from this CMU to receiving water less than 150 ft.?		No
Is winter manure application planned for this field?	Is winter manure application planned for this field?		No
Run P Index Part B voluntarily? (No to all Part A questions.)	Run P Index Part B voluntarily? (Answers are No to all Part A questions.)		No
PART B: SOURCE FACTORS: Mehlich 3 Soil Test P (ppm P)	Mehlich 3 Soil Test P (ppm P)		240
Soil Test Rating = 0.20* Mehlich 3 Soil Test P (ppm P)			48
FERTILIZER P APPLIED REGARDLESS OF MANURE (Starter or other)	Fertilizer P (lb P2O5/acre)		0, 0, 0, 0
P INDEX APPLICATION METHOD OF FERTILIZER P APPLIED REGARDLESS OF MANURE ³	0.8 Incorporated > 1 week or not incorporated following application in Nov. - March	1.0 Surface applied to frozen or snow covered soil	0, 0, 0, 0
SUPPLEMENTAL P FERTILIZER	0.8 Incorporated > 1 week or not incorporated following application in Nov. - March	1.0 Surface applied to frozen or snow covered soil	0, 0, 0, 0
P INDEX APPLICATION METHOD OF SUPPLEMENTAL P FERTILIZER ³	0.8 Incorporated > 1 week or not incorporated following application in Nov. - March	1.0 Surface applied to frozen or snow covered soil	0, 0, 0, 0
Fertilizer Rating = Fertilizer Rate x Fertilizer Application Method			0
MANURE P RATE	Manure P (lb P2O5/acre)		58, 58, 58, 58
MANURE APPLICATION METHOD ³	0.8 Incorporated > 1 week or not incorporated following application in Nov. - March	1.0 Surface applied to frozen or snow covered soil	0.6, 0.6, 0.6, 0.6
P SOURCE COEFFICIENT ³			0.8, 0.8, 0.8, 0.8
Manure Rating = Manure Rate x Manure Application Method x P Source Coefficient	Refer to: Test results for P Source Coefficient OR Book values from P Index Fact Sheet Table 1		112
Source Factor Sum			100
PART B: TRANSPORT FACTORS	Soil Loss (ton/acre/yr)		2
EROSION			
RUNOFF POTENTIAL	Drainage Class is Excessively None	Drainage Class is Well Moderately Well 1 Random	4
SUBSURFACE DRAINAGE	Drainage Class is Somewhat Excessively 0 > 500 ft.	Drainage Class is Somewhat Poorly 6 100 to 199 ft. OR < 100 ft. with 35 ft. buffer	0
CONTRIBUTING DISTANCE	2 350 to 500 ft.	2 100 to 199 ft. OR < 100 ft. with 35 ft. buffer	0
Transport Sum = Erosion + Runoff Potential + Subsurface Drainage + Contributing Distance	0.65 60 ft. R ₂ Buffer APPLIES TO DIST < 100 FT	1.1 Direct Connection APPLIES TO DIST > 100 FT	0.85
MODIFIED CONNECTIVITY			0.21
Transport Sum x Modified Connectivity / 24			66
P Index Value = 2 x Source x Transport	Medium: 60 to 79 Nitrogen based management	High: 80 to 99 Phosphorus limited to crop removal No Phosphorus applied	

Low: 59 or less
Nitrogen based management
1 OR easily permeable soil near a stream
2 *R₂ factor does not apply to fields receiving manure with a 35 ft. buffer.
3 Error Note: if there is a manure or fertilizer rate and there is no corresponding method factor or PSC, it will display an "E".

Appendix 6
Manure Management

Date of Site Evaluation: 4/4/2025

Statement Documenting Areas Evaluated During Site Evaluation

List and clearly identify each of the specific areas evaluated.

During my site visit I evaluated the adjacent fields to where the proposed structures and BMPs are to be located and the area of the proposed poultry barns.

Identification of Inadequate Manure Management Practices and Conditions

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

N/A

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.

None

Appendix 7
Stormwater Control

Date of Site Evaluation: 4/4/2025

Statement Documenting Areas Evaluated During Site Evaluation

List and clearly identify each of the specific areas evaluated.

During my site visit I evaluated the adjacent fields to where the proposed structures and BMPs are to be located and the area of the proposed poultry barns.

Identification of Critical Runoff Problem Areas

List of each specific critical runoff problem area identified.

N/A

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

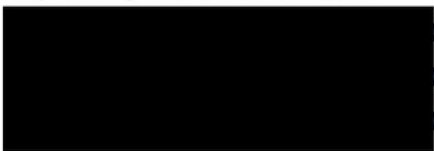
Appendix 8
Importer/Broker Agreements & NBSs

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

- **If other manure is generated, imported and/or utilized, is it applied during the same season as the imported manure: Yes or No**
- 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

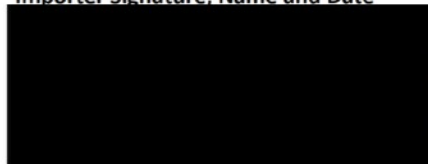


(signature)

(name)

(date)

Importer Signature, Name and Date



(signature)

(name)

(date)

Nutrient Balance Sheet

Prepared for

Importing Operator Name
Importing Operator Address
Importing Operator Phone Number
County of Application



Prepared by

NM Specialist or Broker 2 Name
NM Specialist Broker 2 Certification No.
NM Specialist or Broker 2 Address
NM Specialist Broker 2 Phone Number

Jeff Weidemoyer
2893-NMC
113 Roosevelt Dr, Morea, PA 17948
272.879.0299

Nutrient Management Specialist or Broker 2 Signature

Date of Development

April 11, 2025

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

Broker Name
Broker Certification Number
Broker Address
Broker Phone Number(s)

Exporter Information

Exporting Operator Name
Exporting Operator Address
County of Origin



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).



Existing

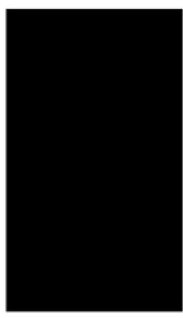
- Roads
- Streams
- 100 FT Veg Buffer
- Farm Boundary
- Field Boundary
- Farmstead

Proposed

- Field Boundary
- Farmstead
- Pipe
- Inlet
- Outlet
- Basin
- Equip and Storage
- Manure Stack Pad
- Barn
- Gravel Pad
- Access Drive

Maps

Google Satellite Hybrid



Landowner: [Redacted]

Address: [Redacted]

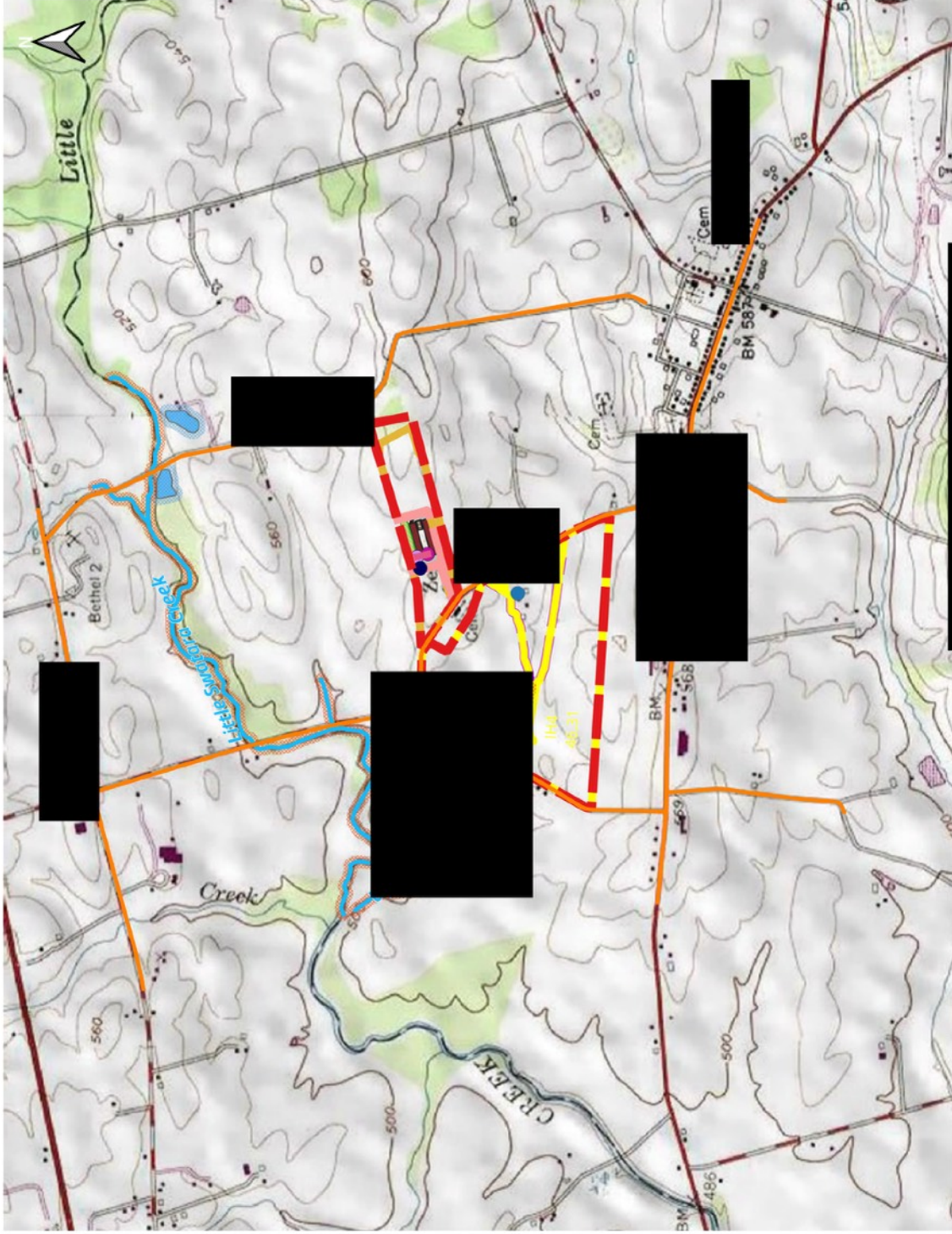
NMP Farm Map



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.



Existing

- Wells
- 100 FT Well Buffer
- Roads
- Streams
- 100 FT Veg Buffer
- Ponds
- 100 FT Pond Buffer
- Farm Boundary
- Field Boundary
- Farmstead

Proposed

- Well
- 100 FT Well Buffer
- Farmstead
- Field Boundary
- Pipe
- Inlet
- Outlet
- Basin
- Equip and Storage
- Barn
- Manure Stack Pad
- Gravel Pad
- Access Drive

Maps

USA_Topo_Maps

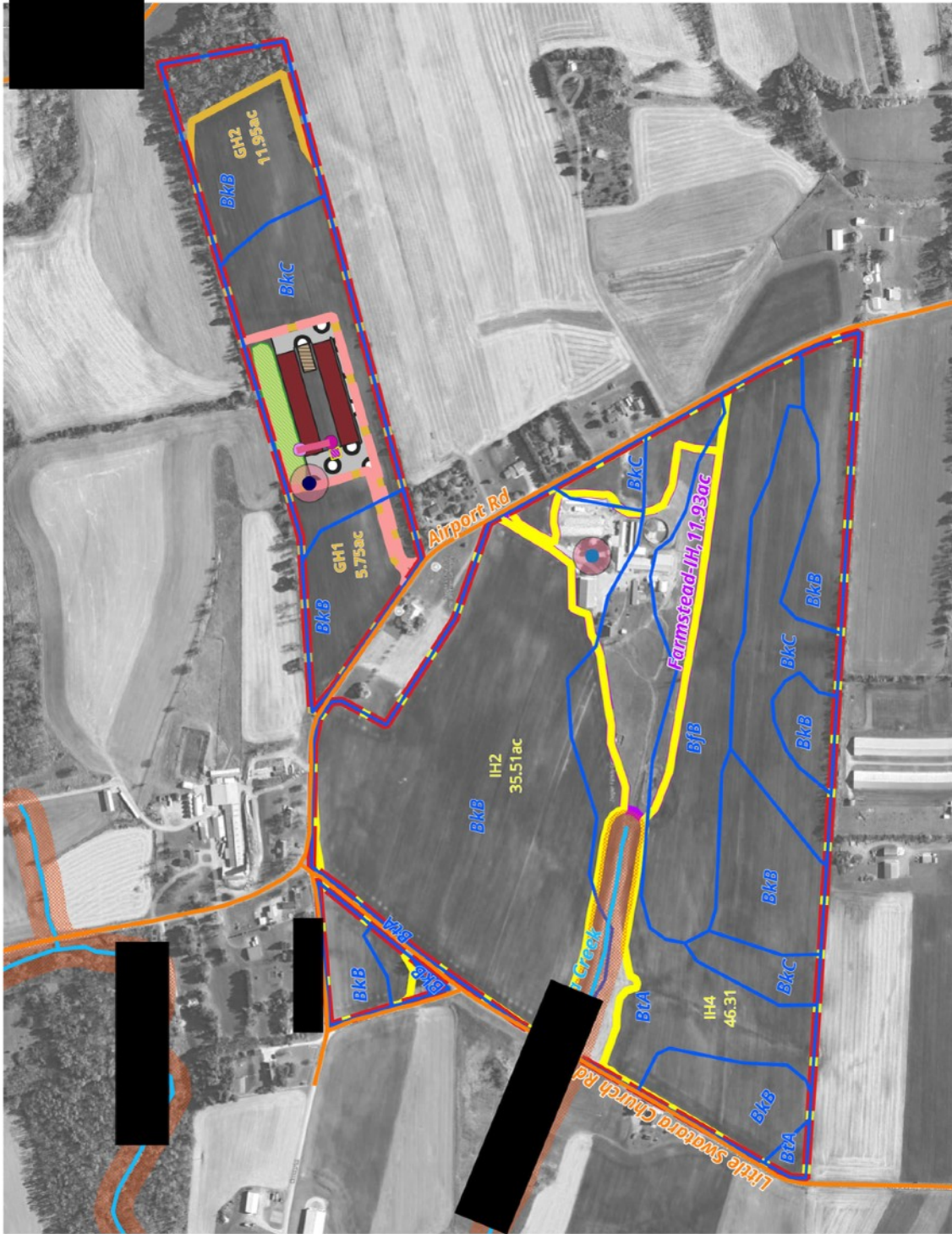
Landowner: [REDACTED]

Address: [REDACTED]

NMP Topo Map

1,500 0 1,500 3,000 4,500 6,000 ft





Existing

- Wells
- 100 FT Well Buffer
- Roads
- Streams
- 100 FT Veg Buffer
- Soils
- Farm Boundary
- Field Boundary
- Farmstead

Proposed

- Well
- 100 FT Well Buffer
- Farmstead
- Field Boundary
- Pipe
- Inlet
- Outlet
- Basin
- Equip and Storage
- Barn
- Manure Stack Pad
- Gravel Pad
- Access Drive

Maps

Google Satellite Hybrid

Landowner: [Redacted]

Address: [Redacted]

NMP Soils Map





Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
AbB	Albrights silt loam, 3 to 8 percent slopes	13.7	10.9%
BeB	Berks channery silt loam, 3 to 8 percent slopes	24.0	19.0%
BeC	Berks channery silt loam, 8 to 15 percent slopes	23.7	18.8%
CaC	Calvin shaly silt loam, 8 to 15 percent slopes	5.0	4.0%
CbB	Calvin-Berks shaly silt loams, 3 to 8 percent slopes	5.7	4.5%
EtB	Ernest silt loam, 3 to 8 percent slopes	14.1	11.2%
HuA	Huntington silt loam, 0 to 5 percent slopes	0.0	0.0%
KnC	Klinesville very shaly silt loam, 8 to 15 percent slopes	3.9	3.1%
Ls	Lindside silt loam	7.2	5.7%
Me	Melvin silt loam	12.6	10.0%
WeC	Weikert very channery silt loam, 8 to 15 percent slopes	14.4	11.4%
WkF	Weikert and Klinesville very shaly silt loams, 25 to 75 percent slopes	1.7	1.4%
Totals for Area of Interest		126.1	100.0%

Appendix 10

Supporting Information & Documentation

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

Emergency Response Plan

Developed for _____ 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
_____ Police Department @ _____
 - 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
_____ Police Department @ _____

- 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 _____ @ _____
Contractor _____ @ _____
 - 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 @ 800-541-2050 or
http://www.portal.state.pa.us/portal/server.pt/community/report_an_incident/6010
_____ **County Conservation District @** _____
PA Fish and Boat Commission @ _____
Your nutrient management planner @ 272.879.0299
 - 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

Spectrum Analytic
 1087 Jamison Road NW
 Washington Court House, OH 43160-8748
 www.spectrumanalytic.com

Report To

[Redacted]

Prepared For

[Redacted]

Sampled
 Tested

12-30-2024
 01-10-2025

Sample Number	Lab Number	pH		Organic Matter %	Phosphorus P	Analysis Result* and Rating			CEC	Base Saturation			Mehlich-3 ppm and Rating				
		Soil pH	Buffer pH			Potassium K	Magnesium Mg	Calcium Ca		K %	Mg %	Ca %	Zn	Iron Fe	Copper Cu	Mn	Alum. Al
1	G03278	6.4	6.9	3.0	24 L	85 M	312 H	1499 G	9.3	2.0	24.6	60.5					
2	G03279	5.8	6.9	2.8	10 L	73 M	126 M	848 G	5.5	2.9	16.9	58.2					
3	G03280	6.2	7.1	3.0	7 L	53 L	188 G	1021 G	5.3	2.1	25.9	71.9					
4	G03282	7.2		3.1	208 V	80 L	114 M	3216 H	13.7	1.3	6.1	87.9					
5	G03283	7.3		3.5	150 V	82 M	119 M	2406 V	10.1	1.8	8.7	89.6					
6	G03284	6.4	7.0	2.5	18 L	63 M	243 G	1173 G	6.3	2.1	28.2	69.6					

* P, K, Mg and Ca are extracted by Mehlich-3 (ICP) and are reported in ppm



Existing

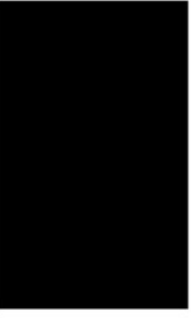
- Roads
- Farm Boundary

Proposed

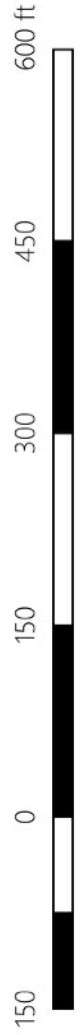
- Well
- 100 FT Well Buffer
- Farmstead
- Field Boundary
- Pipe
- Inlet
- Outlet
- Basin
- Equip and Storage
- Barn
- Manure Stack Pad
- Gravel Pad
- Access Drive

Maps

Google Satellite Hybrid



NMP Farm HQ Map



Landowner: [Redacted]

Address: [Redacted]



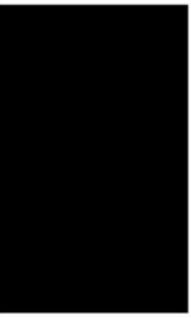
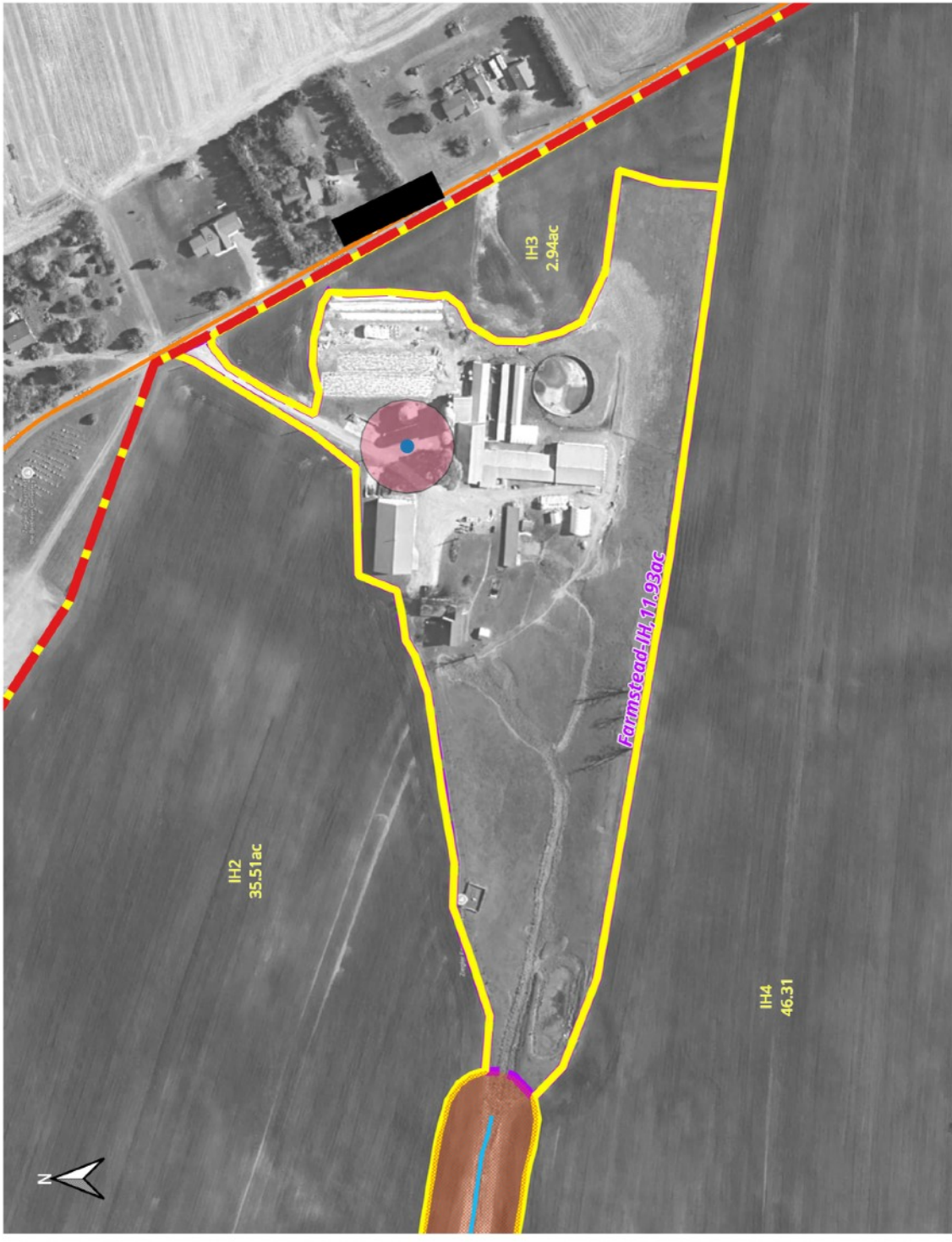


Existing

- Roads
- Streams
- 100 FT Veg Buffer
- Wells
- Farm Boundary
- Field Boundary
- Farmstead

Maps

Google Satellite Hybrid



Landowner: [Redacted]

Address: [Redacted]

NMP Existing Farmstead Map



ODOR

MANAGEMENT PLAN

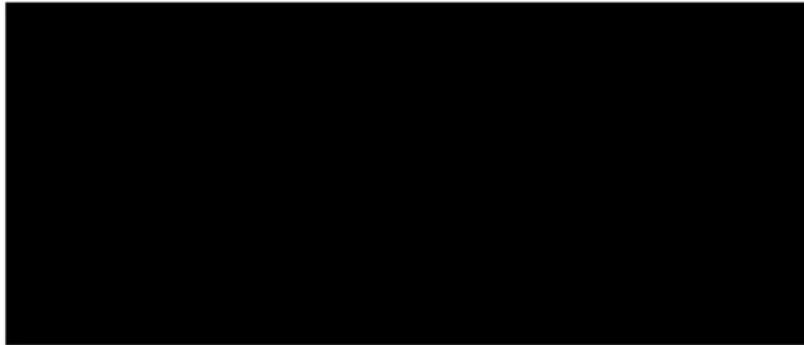
Odor Management Plan (Act 38)

For CAOs/CAFOs building **new animal housing** or **manure storage**

- Odor Site Index (OSI) evaluation of facility impact
- Identification of nearest neighbors, prevailing wind direction
- Selection of Level II Odor BMPs (e.g., vegetative buffers, windbreaks, composting)
- Layouts for odor BMP placement (tree rows, setbacks, berms, etc.)
- Implementation schedule and maintenance plan
- Facility-specific odor source descriptions
- Supporting narrative for construction activity impact
- Finalized plan submission to the State Conservation Commission (SCC)
- SCC review follow-up and approval support

Odor Management Plan

Prepared For:



Prepared By:

Jeff Weidemoyer
OM Certification # 203-OMC
113 Roosevelt Dr
Morea, PA 17948
272.879.0299



For Official Use Only	
Date of Plan Submission:	<u>April 11, 2025</u>
Date of Plan Approval:	<u>July 3, 2025</u>
Date(s) of Plan Updates (not requiring SCC action):	

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Planner and Operator Commitments & Responsibilities

Plan Development Requirements

This odor management plan (OMP) has been developed to meet the requirements of Pennsylvania's Nutrient and Odor Management Act, Act 38 of 2005 (Act 38), for the State Conservation Commission's (Commission) Odor Management Program for the following farm type(s): **NOTE: Select all check-boxes that apply.**


- Pennsylvania Act 38 Concentrated Animal Operation (CAO)
- Pennsylvania CAFO (Concentrated Animal Feeding Operation (CAFO) program
- Odor Management Program Volunteer Animal Operation (VAO)

Planner Signature & Agreement

The planner's signature below certifies that this plan was developed in conjunction with, and reviewed by the operator, prior to submitting it for review. The plan cannot be submitted until the operator understands and agrees with all the provisions of the plan. If the reviewer finds that the planner has not reviewed at least the Plan Summary with the farmer, then the plan reviewer is to relay that information to the certification program staff for their consideration.

The planner's signature and below date(s) certifies that a site visit(s) was conducted **by an Act 38 Certified Odor Management Specialist** to verify the criteria within the evaluation distance area at the time of developing the plan, specifically for the odor source(s), for locating houses, churches, businesses and public use facilities within the evaluation distance, as well as for the site land use and the surrounding land use factors.

The information contained in this plan is accurate to the best of my knowledge. This plan has been developed in accordance with the criteria established for the Act 38 Odor Management Program indicated above. I affirm the foregoing to be true and correct, and make these statements subject to the penalties of 18 Pa. C.S. § 4904, relating to unsworn falsification to authorities.

Planner Name: Jeff Weidemoyer Certification number: 203-OMC
Signature of Planner:  Date: 6/13/2025
Date(s) Evaluation Distance Area Site Visit Conducted: 4/4/2025

Odor Management Plan Name: _____

Operator Requirements

Plan Implementation & Documentation: Odor Management Plans developed under Act 38 are required to be implemented as approved in order to maintain compliance. Implementation includes: adherence to installation of listed Odor Best Management Practices (Odor BMPs) within implementation schedule timeframes and conditions; maintenance of the Odor BMPs consistent with the operation and maintenance schedule timeframes; conditions contained in this plan; and record keeping obligations of the program. Agricultural operations are also required to keep and maintain accurate records of the Odor BMPs consistent with the schedules and are required to allow the Commission access to those records in order to determine the compliance status.

Post Construction Inspection: Prior to utilizing a new or expanded animal housing facility or manure storage facility addressed in this plan, the operation must receive written approval from the Commission confirming implementation of the plan. **In order to obtain this written approval the operator, upon completion of construction activities, must inform the Commission in writing via certified mail of their desire to begin using the new or expanded regulated facilities.** At that time the Commission will send out a representative to assess and verify the implementation of the approved Odor Management Plan.

Compliance Inspections: Plans developed under this program also require agricultural operations to allow periodic access by the Commission for status review and complaint inspections, in order to determine the status of the operation's compliance and whether a plan amendment is required. Inspections will be scheduled at least annually. Agricultural operations will provide the operation's biosecurity contact and protocols to the Commission.

Odor Management Plan Signature Requirements

In accordance with §83.741(i), plans shall be signed by the *Operator/ Authorized Representative* of the agricultural operation indicating concurrence with the information in the plan and acceptance of responsibilities under the plan. The following signature requirements apply:

- (i) For sole proprietorships, the proprietor.
- (ii) For partnerships, a general partner.
- (iii) For corporations, a vice president or president. For any other authorized representative, the plan must contain an attachment, executed by the secretary of the corporation, which states that the person signing on behalf of the corporation is authorized to do so.

NOTE: When using a business name for the plan, the business name must be registered with the Pennsylvania Department of State.

Operator Signature & Agreement

In accordance with §§83.751 (content of plans) and 83.762 (operator commitment statement), the *Signature of Operator/ Authorized Representative* below certifies that I was involved with the development of this plan, that the plan writer reviewed the plan with me, and that I am agreeable to the provisions outlined in this plan. All the information I provided in this odor management plan is accurate to the best of my knowledge and I will implement the practices and procedures outlined in the odor management plan in order to manage the potential for impacts from the offsite migration of odors associated with the operation for which this OMP is written.

Indicate business entity type: Sole Proprietor Partnership/ LP/ LLP Corporation/ LLC

Signature of Operator/ Authorized Representative:

Print Name of Operator/ Authorized Representative:

Title of Operator/ Authorized Representative:

Business Legal Name of the Operation:

Date: 4/4/2025

Owner / Operator

Plan Summary

A. Operation Summary (see Appendix 1 to view complete Operation Information)

Proposed Facilities:

Detail the Animal Type associated with the Proposed Facilities and that is consistent with the Animal Type detailed in the OSI. If animal numbers (AEUs) from existing facilities are voluntarily being added to the plan, detail the AEUs number; otherwise state "None", "Zero (0)" or "Not Applicable".

NOTE: AEU calculations and AEUs per acre calculation must reflect those in the most current Act 38 NMP, otherwise explain the difference and submit the calculations in Appendix 5: Supporting Documentation.

Proposed OSI Animal Type:	<u>Layers</u>
Proposed Animal Numbers:	<u>70,000</u>
Proposed AEUs (per animal type):	<u>210.77</u>
Voluntary Existing Animal Type:	<u>None</u>
Voluntary Existing AEUs (per animal type):	<u>0</u>
Total AEUs Covered by this Plan:	<u>210.77</u>
AEUs per acre for the operation:	<u>8.11</u>

Is there an approved Act 38 NMP for this operation? Yes No

NOTE: If No, explain in Appendix 5: Supporting Documentation.

B. Odor Site Index Summary (see Appendix 3 to view complete Index)

NOTE: If multiple Geographic Centers are used, you must provide scores for each geographic center. Scores listed here must match the final scores in the OSI.

Score: ██████

C. Odor BMP Implementation, Operation & Maintenance Schedule

Level I Odor BMPs Principles

1. Steps taken to reduce dust and feed accumulation in pens, aisles, and on animals.
2. Manage ventilation to provide sufficient fresh airflow throughout the facility to keep animals and facility surfaces clean and dry.
3. Manage manure to minimize damp, exposed manure that contributes to odor generation.
4. Remove mortalities daily and manage appropriately.
5. Manage feed nutrients to animal nutrient requirements in order to avoid excess nutrient excretion.
6. Manage manure storage facility to reduce exposed surface area and off-site odor transfer.

Definitions:

- **Required Odor BMPs** – In accordance with §§83.771, 83.781-83.783, Required Odor BMPs are the Odor BMPs required for implementation when there is a neighboring facility or a public use facility in the evaluation distance area, or when the OSI score is 50 or more points (Level I Odor BMPs), and when the OSI score is 100 or more points (Level II Odor BMPs).
- **Voluntary Odor BMPs** – The operator has voluntarily chosen to include Odor BMPs in the plan. Voluntary Odor BMPs must meet the same program standards that Required Odor BMPs do for implementation, operation, maintenance, and documentation.
- **Supplemental Odor BMPs** – In accordance with §83.781(e), Supplemental Odor BMPs are implemented in addition to the approved Odor BMPs in the plan and are also associated with plan updates.

NOTE: Odor BMPs must be relevant to the site specific factors and must be maintained for the lifetime of the regulated facility unless otherwise approved.

Level I Odor BMPs to be Implemented

Select each check-box that applies; if more than one category applies, clearly detail the respective Level I Odor BMPs criteria with each respective category. Detail below all Level I Odor BMPs Principles, adapted from the PA Odor BMP Reference List, that are applicable to the site specific factors of this animal operation and the regulated facilities.

- None Required**
- Voluntary Level I Odor BMP:**
- Required Level I Odor BMP:**
- Supplemental Level I Odor BMP:**

Layers:

1. *Steps taken to reduce dust and feed accumulation in pens, aisles, and on animals.*
 - a. Dust Control: Fan motors, blades, cables, curtains, shrouds, cages, and other components will be inspected weekly, and dust will be cleaned from surfaces between flocks by power washing.
 - b. Feed Wastage: Feeding equipment will be adjusted to ensure the appropriate flow rate of feed into feeder. Feeder heights will be checked twice weekly and raised if needed to match the height of the birds. Feed junction boxes will be monitored twice weekly for malfunction. Feed spills shall be cleaned up promptly. Feed height in the trough will be monitored twice weekly and adjusted when needed.

2. *Manage ventilation to provide sufficient fresh airflow throughout the facility to keep animals and facility surfaces clean and dry.*
 - a. The mechanical ventilation system will be designed to provide adequate airflow throughout the facility, including winter. The system will include controls to regulate the ventilation according to ambient temperatures. This system will be inspected and observed regularly for functionality.
 - i. Fans, blades, cables, curtains, shrouds and other components will be inspected weekly, repaired as needed, and cleaned between flocks.
 - ii. Inlet openings will be cleaned and adjusted between flocks or as needed to maintain

adequate airflow.

iii. System controls and monitoring will be calibrated between flocks.

3. *Manage manure to minimize damp, exposed manure that contributes to odor generation.*
 - a. Moisture Control: Water delivery system and waterers will be checked for leaks daily. Height adjustments will be made twice weekly in accordance with animal growth. Repairs will be made as needed.
 - b. Litter Maintenance
 - i. Scraper Barns (Layer Barn #1-2)
 1. For Components of scraper system (cables, pullies, etc.) shall be inspected daily for proper operation and cleaned. The system will be run twice daily to convey manure to storage.
 - c. Monitor for Egg Jams – Facilities will be inspected daily for broken eggs. Egg belts and seams will be monitored daily for failure. Broken eggs should not be discarded in the manure pit of high-rise houses. Broken Eggs will be removed to compost facility.
 - d. Clean Egg Conveyors – Components of the egg conveyors will be cleaned daily including the egg belt, the rod conveyor, and escalators and de escalators.
4. *Remove mortalities daily and manage appropriately.*
 - a. Mortalities will be removed daily and transferred to Mortality Composting Facility Located within the Dual Use Manure Storage Facility as a separate stack from collected manure.
 - i. The mortality composting will be kept in a separate pile from the stacked manure litter; otherwise, active composting (windrowing to heat up pile, taking temperatures of pile, etc.) will be required.
 - b. Broken Eggs – will be collected daily and taken to the Compost Facility to be actively composted with mortalities.
5. *Manage feed nutrients to animal nutrient requirements in order to avoid excess nutrient excretion.*
 - a. Animals are fed formulated diets to match nutritional requirements.
6. *Manage manure storage facility to reduce exposed surface area and off-site odor transfer.*
 - a. Manage Surface Water –
 - i. Keep surface water from entering manure storage area. Grade surrounding area to avoid run on.
 - ii. Keep surface water from leaving the manure storage area - Manage to avoid runoff

of liquid from bottom of the stack by covering or mixing in dry material to absorb rainwater.

- b. Manure Storage Area Cleanliness - A visual inspection of the manure storage area will be completed daily to ensure that any manure scattered during transport activities is cleaned up in a timely manner.
- c. Manure Loading Area Cleanliness – A visual inspection of the manure loading area and push-out pads area will be completed daily to ensure that any manure scattered during loading or push-out activities is cleaned up in a timely manner.

Level II Odor BMPs to be Implemented:

Select each check-box that applies; if more than one category applies, clearly detail the respective Level II Odor BMPs criteria with each respective category. Detail below all Level II Odor BMPs criteria addressing the following:

1. the general construction and implementation criteria
2. the corresponding timeframes of when each Odor BMP will be implemented
3. all operation and maintenance procedures for each Odor BMP along with the corresponding timeframes for carrying out those procedures
4. the lifespan of each Odor BMP.

NOTE: NRCS Conservation Practice Standards and Job Sheets that are in existence for the Level II Odor BMP are encouraged to be used for construction, implementation, and operation and maintenance criteria.

- None Required**
- Voluntary Level II Odor BMP:**
- Required Level II Odor BMP:**
- Supplemental Level II Odor BMP:**

D. Documentation Requirements

The following information will be documented by the Operator for each Odor BMP to ensure compliance with the plan. Documentation is needed to demonstrate implementation of the plan as well as for corrective actions taken for significant maintenance activities needed to return an Odor BMP back to normal operating parameters.

Level I Odor BMP Documentation Requirements

Select each check-box that applies; if more than one category applies, clearly detail each documentation criterion.

- None Required** – (NOTE: Delete the Odor BMP Implementation Commitment Statement and the Level I Maintenance Log)
- Level I Odor BMPs – Odor BMP Implementation Commitment Statement Only**
The Operator will annually complete the Odor BMP Implementation Commitment Statement.

- Level I Odor BMPs Documentation Criteria:**

The Operator will annually complete the Odor BMP Implementation Commitment Statement. The Operator will also complete the Level I Odor BMPs Maintenance Log upon any of the following occurrences:

Layers

1. Feed Delivery System – Document occurrences of damage to the feed delivery system, and the corrective actions taken. Document discrepancies of spilled feed cleanup and the corrective actions taken.
2. Ventilation System – Document any occurrences of the ventilation system components not working correctly, and the corrective actions taken. Document the maintenance activities actions taken on the ventilation system.
3. Water Delivery System & Controlling Accumulate Manure – Document occurrences of damage to the water delivery system, and the corrective actions taken. Document any discrepancies with the manure transfer system, and the corrective actions taken.
4. Mortality Handling – Document any discrepancies with daily disposal of mortality, and the corrective actions taken. Document if any alternative mortality systems are used.
5. Feed Nutrients – Document occurrences of feed refusal above normal amounts to be expected or if broilers show signs of health and/or productivity issues due to feed consumption. Document consultants with a nutritionist to correct feed issues.
6. Manure Handling Areas – Document the corrective action (cleaned-up) of spills.

Level II Odor BMP Documentation Requirements

Select each check-box that applies; if more than one category applies, clearly detail each documentation criterion.

None Required – *(NOTE: Delete the Level II Quarterly Observation Log)*

Level II Odor BMP Documentation Criteria:

The Operator will complete the Level II Odor BMPs Quarterly Observation Log, at least on a quarterly basis, detailing the proper implementation of the Odor BMPs as identified in the Implementation, Operation & Maintenance Schedule. The Operator will also complete the Level II Odor BMPs Quarterly Observation Log upon any of the following occurrences:

- 1.
- 2.

Odor BMP Implementation Commitment Statement

To be completed and signed annually by operators which have a neighboring facility or a public use facility in the evaluation distance area. This form is an attestation of the operator for the daily implementation of the Odor BMPs, and in accordance with §83.791, it is to be kept on site for at least 3 years.

(Copy This Page For Future Use)

Odor Management Plan Name: _____

Level I Odor BMPs Principles

1. Steps were taken to reduce dust and feed accumulation in pens, aisles, and on animals.
2. Ventilation was managed to provide sufficient fresh airflow throughout the facility to keep animals and facility surfaces clean and dry.
3. Manure was managed to minimize damp, exposed manure that contributes to odor generation.
4. Mortalities were removed daily and managed appropriately.
5. Feed nutrients were matched to animal nutrient requirements to avoid excess nutrient excretion.
6. Manage manure storage to reduce exposed surface area and off-site odor transfer.

Odor Management Plan Requirements

In accordance with §§83.762 operator commitment statement), 83.771 (managing odors), 83.781 – 83.783 (Odor BMPs and schedules), 83.791 – 83.792 (documentation requirements) and 83.802 (plan implementation), I affirm that all the information I provided in the odor management plan is accurate to the best of my knowledge.

In order to manage the potential for impacts from the offsite migration of odors associated with the operation, I affirm that I have implemented the specific practices and procedures detailed in the odor management plan Odor BMP Implementation, Operation & Maintenance Schedule (principles identified above) from DATE: _____ to DATE: _____ (CY/ FY, etc.).

I affirm the foregoing to be true and correct, and make these statements subject to the penalties of 18 Pa. C.S. § 4904, relating to unsworn falsification to authorities.

Signature of Operator: _____ Date: _____

Name of Operator: _____

Title of Operator: Owner/Operator

Appendix 1: Operation Information

Part A: Odor Source Factors

1. **Site Livestock History:** None

Detail the Maximum AEUs of Livestock on the site within the past 3 years.

Existing Facilities Description:

***NOTE:** If the facilities or animal information differ from the most current Nutrient Management Plan, detail the differences in Appendix 5: Supporting Documentation.*

***Definitions:** Existing facilities are those animal housing facilities or manure storage facilities constructed before February 27, 2009, and are not subject to Odor Management program requirements.*

2. **List the Existing Animal Types:** None

Existing Animal Numbers: 0

3. **Existing Animal Equivalent Units (AEUs) per Animal Type:** 0

4. **Existing Animal Housing Facility(ies):**

Describe all existing animal housing facilities including their dimensions, capacity and existing Odor BMPs used to address potential impacts.

Animal Housing Facility	Dimensions	Livestock Capacity	Existing Odor BMPs
None	N/A	N/A	N/A

5. **Existing Manure Storage Facility(ies) and Manure Handling Systems:**

- a. *Describe all existing manure storage facilities and manure treatment technology facilities, including their dimensions, capacity and existing Odor BMPs used to address potential impacts.*

Manure Storage Facility	Dimensions	Usable Capacity	Existing Odor BMPs
None	N/A	N/A	N/A

- b. *Provide a narrative description detailing the manure handling systems, including manure storage facilities, manure stacking areas, and manure treatment technology facilities.*

N/A

Proposed Regulated Facility (ies) Description:

Detail the information below, clearly indicating:

- 1) *The animals that will be housed in the proposed animal housing facility (ies), which include expansions onto existing facilities;*
- 2) *The manure type (animal type detailed in the OSI) that will be stored in the proposed storage facility and identifying the Act 38 Nutrient Management Program requirements that must be followed for the proposed manure storage facility(ies);*
- 3) *If Voluntary Existing Animal Numbers and AEUs or Transferred Existing AEUS do not apply, state "None", "Zero (0)" or "Not Applicable" for that criterion.*

***NOTE:** The Animal Type associated with the Proposed Facilities must be consistent with the Animal Type detailed in the OSI.*

***NOTE:** If the proposed facilities, animal information, and AEU calculations differ from the most current Nutrient Management Plan (NMP), detail the differences in Appendix 5: Supporting Documentation.*

Definitions:

- **Proposed AEUs** are the new additional AEUs associated with the proposed regulated animal housing facility (ies).
- **Voluntary Existing AEUs** are the AEUs associated with the existing animal housing facility (ies).
- **Proposed AEUs and Voluntary Existing AEUs** are used for determining the Odor Site Index evaluation distance area.
- **Transferred Existing AEUs** are existing AEUs on the site that will be transferred into the animal housing facility being evaluated.
- **Total AEUs** are used for determining significant change of the regulated facility (ies); a significant change will require an amendment to the plan. A significant change is defined as a net increase of equal to or greater than 25% in AEUs, as measured from the time of the initial plan approval.

6. (a) Proposed Facility OSI Animal Types: Layers

Proposed Animal Numbers per animal type: 70,000

Proposed AEUs per animal type: 210.77

(b) Voluntary Existing Animal Types: None

Voluntary Existing Animal Numbers: 0

Voluntary Existing AEUs per animal type: 0

(c) Total AEUs Covered by this Plan: 210.77

(d) Acres for the operation associated with an approved Act 38 NMP or acres utilized for the CAO calculation: 26

(e) Total AEUs/ Acre for the operation: 8.11

NOTE: The AEUs per acre calculation is only used to verify CAO status. AEUs per acre calculation must reflect the calculations in the most current NMP, otherwise explain the difference and submit the calculations in Appendix 5: Supporting Documentation.

(f) Transferred Existing Animal Types: Check only when Applicable

NOTE: Detail the following information in Appendix 5: Supporting Documentation when 0 "Proposed AUEs" are proposed due to transferring existing animals on the site into the animal housing facility being evaluated:

- 1) The OSI Animal Type associated with the Proposed Facilities,
- 2) The numbers of animals transferred, and
- 3) The AEUs. This information will be used for determining a significant change which will require an amendment to the plan.

7. Proposed new or expanded animal housing facility(ies):

Detail all proposed animal housing facilities, or portions thereof, including their dimensions and livestock capacity.

NOTE: If the proposed facilities differ from the most current NMP, detail the differences in Appendix 5: Supporting Documentation.

Animal Housing Facility	<input type="checkbox"/> None Proposed	Dimensions	Livestock Capacity
Layer Barn 1		75' x 446'	35,000 layers
Layer Barn 2		75' x 446'	35,000 layers

8. Proposed new or expanded manure storage facility(ies):

NOTE: If the proposed facilities differ from the most current NMP, detail the differences in Appendix 5: Supporting Documentation.

- (a) Provide a narrative description detailing all manure handling systems (including all manure storage facilities, manure stacking areas, and manure treatment technology facilities) after the addition of the proposed facilities.

Scraper Barns

Manure generated by Layers in scraper barns is transported from the layer boxes to the scrape-way by gravity and is then mechanically scraped to the manure collection area located at the end of the barn. Manure is cleaned out from end of barn collection pad once per day and moved to the proposed separate manure storage building. Flock will be inspected daily and mortalities moved to the proposed Dual Use MS / composting facility.

Act 38 of 2005, Odor Management Plan

(b) Detail all proposed manure storage facilities, manure stacking areas, and manure treatment technology facilities.

NOTE: If a waiver is required, it must be attached in Appendix 5: Supporting Documentation for the plan to be administratively complete.

Manure Storage Facility	<input type="checkbox"/> None Proposed	Dimensions	Usable Capacity
Dual-use Manure Stacking Structure / Composting Facility		50' x 108' x 6'	32,400

Act 38 NM Program Setback Requirements Verification

NOTE: When manure storage facilities are proposed, N/A cannot be detailed for both c & d

(c) **Existing Operations** Not Applicable.

Select all check-boxes that apply for Existing Operations proposing manure storage facilities.

In accordance with planning provisions of the Commission’s Nutrient Management Program regulations, the proposed manure storage(s) is part of an existing operation (operation that produced livestock or poultry on or before October 1, 1997) and will be located having a minimum setback distance of the following:

- i) 100’ minimum setback distance (in accordance with §83.351(a)(2)(v)(A)-(E) from wetlands, water bodies and wells (public and private). Yes Not Applicable
- ii) 100’ minimum setback distance (in accordance with §83.351(a)(2)(v)(F) a from the property line; otherwise an executed Manure Storage Setback Waiver from the Neighboring Landowner, must be attached. Yes Not Applicable
- iii) 200’ minimum setback distance (in accordance with §83.351(a)(2)(v)(G) from wetlands, water bodies and wells (public and private) for a manure storage facility of 1.5 million gallons or larger capacity or that is located on slopes exceeding 8%. Yes Not Applicable
- iv) 200’ minimum setback distance (in accordance with §83.351(a)(2)(v)(H) from the property line for a manure storage facility of 1.5 million gallons or larger capacity or that is located on slopes exceeding 8% and the slope is toward the property line; otherwise an executed Manure Storage Setback Waiver from the Neighboring Landowner, must be attached. Yes Not Applicable

(d) **New Operations/ New Animal Enterprises** Not Applicable.

Select all check-boxes that apply for New Operations/ New Animal Enterprises proposing manure storage facilities.

If the proposed manure storage(s) is part of a new operation (operation that produced livestock or poultry after October 1, 1997), or a new animal enterprise (an existing operation that expanded after October 1, 1997, via producing different livestock or poultry than what was previously produced – see NM Tech Manual, Section III) and in accordance with planning provisions of the Commission’s Nutrient Management Program regulations the proposed storage will be located having a minimum setback distance of the following:

- i) 100’ minimum setback distance (in accordance with §83.351(a)(2)(vi)(A)-(E) f from wetlands, water bodies and wells (public and private). Yes Not Applicable
- ii) 200’ minimum setback distance (in accordance with §83.351(a)(2)(v)(F) from the property line; otherwise an executed Manure Storage Setback Waiver from the Neighboring Landowner, must be attached. Yes Not Applicable
- iii) 200’ minimum setback distance (in accordance with §83.351(a)(2)(v)(G) from wetlands, water bodies and wells (public and private) for a manure storage facility of 1.5 million gallons or larger capacity or that is located on slopes exceeding 8%. Yes Not Applicable
- iv) 300’ minimum setback distance (in accordance with §83.351(a)(2)(v)(H) from the property line for a manure storage facility of 1.5 million gallons or larger capacity or that is located on slopes exceeding 8% and the slope is toward the property line; otherwise an executed Manure Storage Setback Waiver from the Neighboring Landowner, must be attached. Yes Not Applicable

9. Construction activities of the proposed regulated facilities:

NOTE: Construction activities must be started within 3 years of the plan approval date.

- a. *Detail the proposed construction sequence timeframes for each proposed regulated facility (or portions thereof) _____*
- b. *Have construction activities started on any of the proposed regulated facilities?* Yes No *If yes, please detail:*
Layer barns will be constructed simultaneously beginning in the fall of 2025.

Part B: Site Land Use Factors

1) Select the applicable check-box below for each special agricultural land use designation, and

2) Provide written verification in Appendix 5: Supporting Documentation for each agricultural land use designation claimed.

NOTE: Documentation verifying each claimed land use must be attached for the plan to be administratively complete.

Agricultural land use designations applicable to the site being evaluated:

- 1. Agricultural Security Area Yes / No
- 2. Agricultural Zoning Yes / No
- 3. Preserved Farm Yes / No

Part C: Surrounding Area Land Use Factors

NOTE: Detail applicable criteria for 1 and 2 on the Operational Map in Appendix 2.

- 1. Other Livestock Operations (≥ 8 AEUs) within the evaluation distance area Yes / No
If yes, then list the type of operation, the direction (N, S, E, W) and quadrant (distance range from the facility).

West Quadrant: 1,800 to 2,400 ft Evaluation Distance: Dairy Operation

- 2. Distance to nearest property line measurement:

NOTE: Measured from nearest corner of the proposed animal housing facility and/or manure storage facility to the property line. Measurements must also be detailed on the Operational Map in Appendix 2.

- a. Animal Housing Facility measurement 112 (ft.) Not Applicable
- b. Manure Storage Facility measurement 200 (ft.) Not Applicable

- 3. If nearest property (from the nearest property line measurements indicated in “2” above) is less than 300’, is this neighboring property a Preserved Farm? Yes / No

NOTE: Documentation verifying this claimed status must be attached for the plan to be administratively complete.

- (a) *If “Yes” is indicated, detail the name and address in Appendix 5: Supporting Documentation of the nearest neighboring property owner who has a Preserved Farm.*

Appendix 2: Operational Maps

Topographic Map

Odor Management Plans must include a topographic map drawn to scale with a map legend, identifying:

- Operation boundaries;
- Location of existing and proposed animal housing and manure storage facilities on the operation;
- Location of operation-related neighboring facilities;
- Location of neighboring facilities (normally occupied homes, active businesses and churches) and public use facilities within the evaluation distance area;
- Local topography (as indicated by the topographic lines);
- Geographic center with concentric circles drawn at 600' intervals for the entire evaluation distance area;
- Identification of the various map quadrants to include North, South, East and West;
- Distance to nearest property line from the nearest facility;
- Road names within the evaluation distance area; and
- All neighboring facilities and public use facilities that are being given credit for the Intervening Topography and Vegetation Factor.

In order to distinguish the following criteria from the other neighboring facilities and public use facilities, the Operational Map and the associated map legend must have separate symbols detailing the following:

- All operation-related neighboring facilities, and
- All neighboring facilities and public use facilities which are being given credit for the Intervening Topography and Vegetation Factor.

NOTE: The scale chosen must be reasonable and practical for use in evaluating the OMP. For example:

- *A scale of 1" = 600' is an example of a scale that is reasonable for use in determining evaluation distances, setbacks, etc., but may not be practical for larger evaluation distance areas for fitting the map on one 8 1/2' x 11' sheet of paper.*
- *A scale of 1.37" = 267.5' is an example of a scale that may be practical for fitting on one 8 1/2' x 11' sheet of paper, but in a scale that is not reasonable or very useful.*
- *Maps need to be to a scale that shows sufficient detail to be reasonable and useful. Planners are encouraged to use a scale that can be divided evenly by, or into, 600' by a round whole number*
- *Multiple maps are encouraged to be provided for the purpose of facilitating specific details, i.e. aerial maps, etc.*

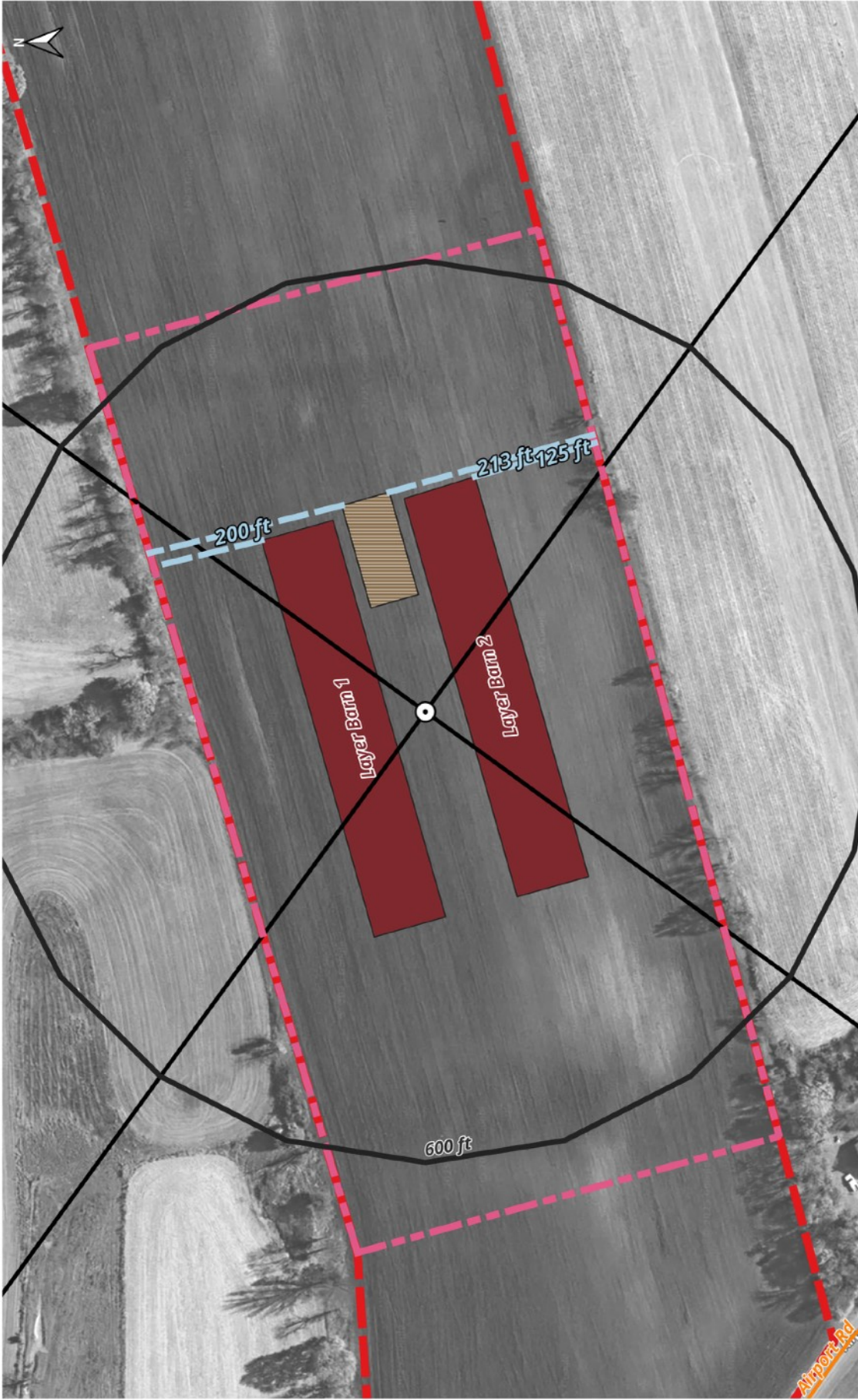
Site Map

The purpose of the site map is to facilitate the plan review process of identifying specific details about the operation being evaluated. Odor Management Plans must include a site map of the operational related facilities drawn to scale with a map legend, identifying at a minimum the following:

- Operation boundaries;
- Location of existing and proposed animal housing and manure storage facilities on the operation;
- Geographic center with concentric circles drawn at 600' intervals; and
- Distance to nearest property line from the nearest facility

If there are multiple facilities on the site, detail the name of each of the facilities as per what the operator refers to them as, i.e. Layer #1 – Layer #5, mortality composting facility, etc.

If the evaluation distance area is small enough, i.e. a 1200' evaluation distance area, to clearly identify the specific details required, then a separate map will not be required.



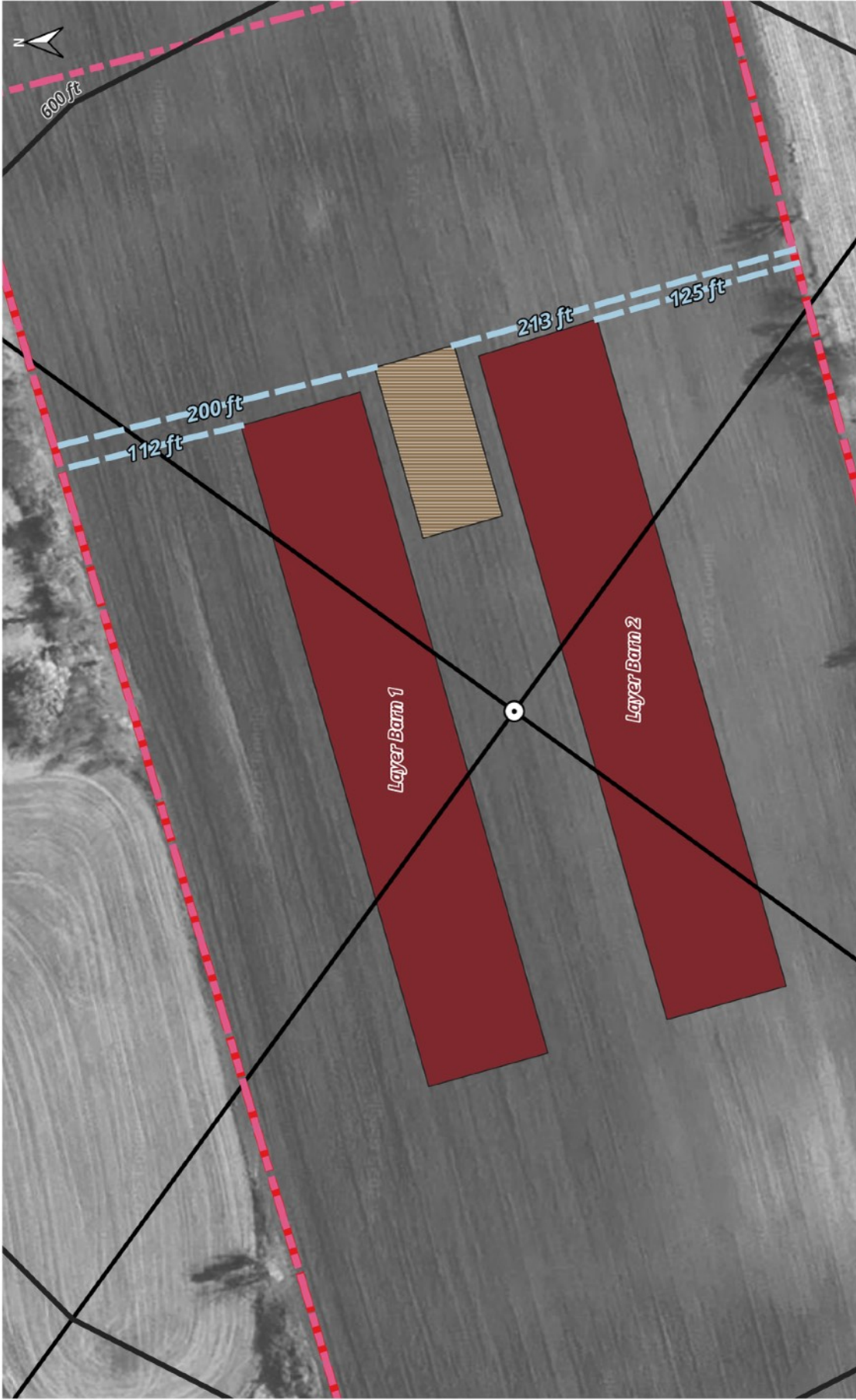
Landowner:



Address:



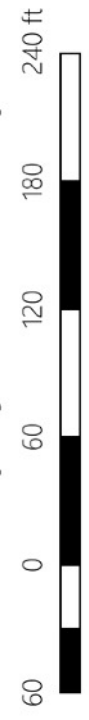
OMP Farm HQ Map



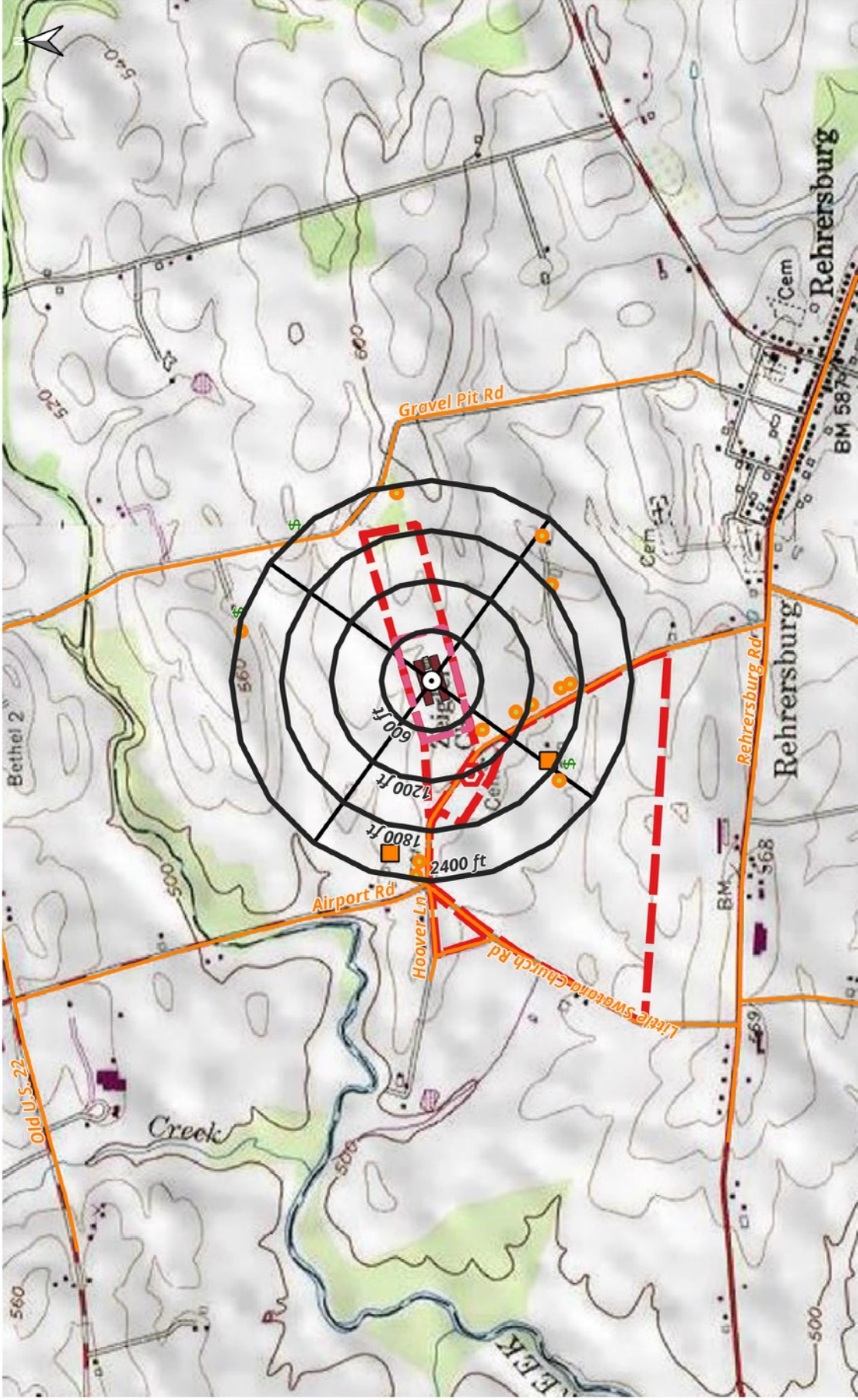
Landowner:



Address:



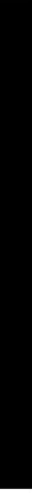
OMP Property Line Distance Map



Landowner:



Address:



OMP Topo Map



OMP

- Geo Center 
- 2400' ED 
- 1800' ED 
- 1200' ED 
- 600' ED 
- Property Line Distance 
- Business 
- Op Related Homes_Facilities 
- Neighboring Livestock Op 
- Neighboring Homes_Facilities-Shielded 
- Neighboring Homes_Facilities 
- Site Boundary 
- Neighboring Public Use Facility 
- Quad Line 

Existing

- Roads 
- Farm Boundary 

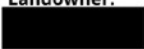
Proposed

- Manure Stack Pad 
- Barn 

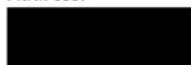
Maps

- Google Satellite Hybrid
- USA_Topo_Maps
- OpenStreetMap

Landowner:



Address:



OMP Farm Map



Appendix 3: Plan Evaluation – OSI

Act 38 Odor Management Plan - Odor Site Index

Operator Name	[REDACTED]
Planner Name	Jeff Weidemoyer
Type of Operation	Layers
Voluntary Existing AEU's	0
Proposed AEU's	210.77
Previously Approved AEU's	0
AEU's Covered by OMP	210.77
Evaluation Distance	2400'
Part A: Odor Source Factors	
Facility Size Covered by OMP	210.77
Site Livestock History	Zero AEU's _12pts
Manure Handling System	Poultry - Multi-flock litter, with or w/o external covered storage-4pts
Part B: Site Land Use	
Ag Security Zone	No (0 pct)
Ag Zoning	Yes (-10 pct)
Preserved Farm	No (0 pct)
Part C: Surrounding Land Use	
Other Livestock >8 AEU in evaluation distance	1 or more (0 pts)
Distance to Nearest Property Line	<150' (10 pts)
If nearest property is <300', is it preserved farmland	No (0 pts)
Neighboring Homes	
Public Use Facilities	
Species Adjustment Factor	Layers,pullets,cattle (0)
Final OSI Score	
	[REDACTED]
Level 1 BMPs Required	

Act 38 Odor Management Plan - Odor Site Index

East Quadrant		<600	600-1200	1200-1800	1800-2400	2400-3000	
# Neighboring Facilities		0	0	0	2-5	Select from list	
Facility Value		15	7	3	6	0	
Home Shielding	Select from list	Select from list	Select from list	Select From List	1800-2400 None (1)	Select from list	Total Facilities
# Public Use Facilities	0	0	0	0	0	3	Total Public
Public Use Value	40	20	10	5			Total East
Public Use Shielding	Select from list	Select from list	Select from list	Select from list	Select from list	Select from list	
South Quadrant		<600	600-1200	1200-1800	1800-2400	2400-3000	
# Neighboring Facilities		0	1	3	2-5	Select from List	
Facility Value		10	5	2	3	0	
Home Shielding	Select from List	600-1200 None (1)	1200-1800 None (1)	1800-2400 None (1)		Select from list	Total Facilities
# Public Use Facilities	0	0	0	0	0	2	Total Public
Public Use Value	30	15	7	4			Total South
Public Use Shielding	Select from list	Select from list	Select from list	Select from list	Select from list	Select from list	
North Quadrant		<600	600-1200	1200-1800	1800-2400	2400-3000	
# Neighboring Facilities		0	0	0	2-5	Select from List	
Facility Value		6	3	0.5	1	0	
Home Shielding	Select from list	Select from list	Select from list	Select from list	1800-2400 None (1)	Select from list	Total Facilities
# Public Use Facilities	0	0	0	0	0	1	Total Public
Public Use Value	25	13	6	3			Total North
Public Use Shielding	Select from list	Select from list	Select from list	Select from list	Select from list	Select from list	
West Quadrant		<600	600-1200	1200-1800	1800-2400	2400-3000	
# Neighboring Facilities		0	1	0	2-5	Select from list	
Facility Value		6	3	0.5	1	0	
Home Shielding	Select from list	600-1200 None (1)	1800-2400 None (1)	Select From List		Select from list	Total Facilities
# Public Use Facilities	0	0	1	0	0	1	Total Public
Public Use Value	25	13	6	3			Total West
Public Use Shielding	Select from list	Select From List	1200-1800 None (1)	Select from list	Select from list	Select from list	Grand Total

Appendix 4: Biosecurity

Biosecurity Protocol Contact Information

Detail the point of contact for information on this operation's biosecurity protocols:

Name:	██████████	Phone:	██████████
E-mail:	N/A	Relationship:	Operator

Appendix 5: Supporting Documentation

This section is reserved for the plan writer when developing this plan to have a dedicated area to include supporting documentation such as for agricultural land use designation verification, Nutrient Management program setback waiver verification, AEU calculation verification when no NMP is available, etc.

Provide a heading for each topic discussed in this Appendix.

(a) Act 38 NMP

The NMP has been submitted to the [REDACTED] and is awaiting approval.

(b) Zoning Map

(c) CAO Calculation

(d) OpenStreet Map

(e) Site Boundary



CAO Calculations

For: [Redacted]

by: [Redacted]

April 4, 20205

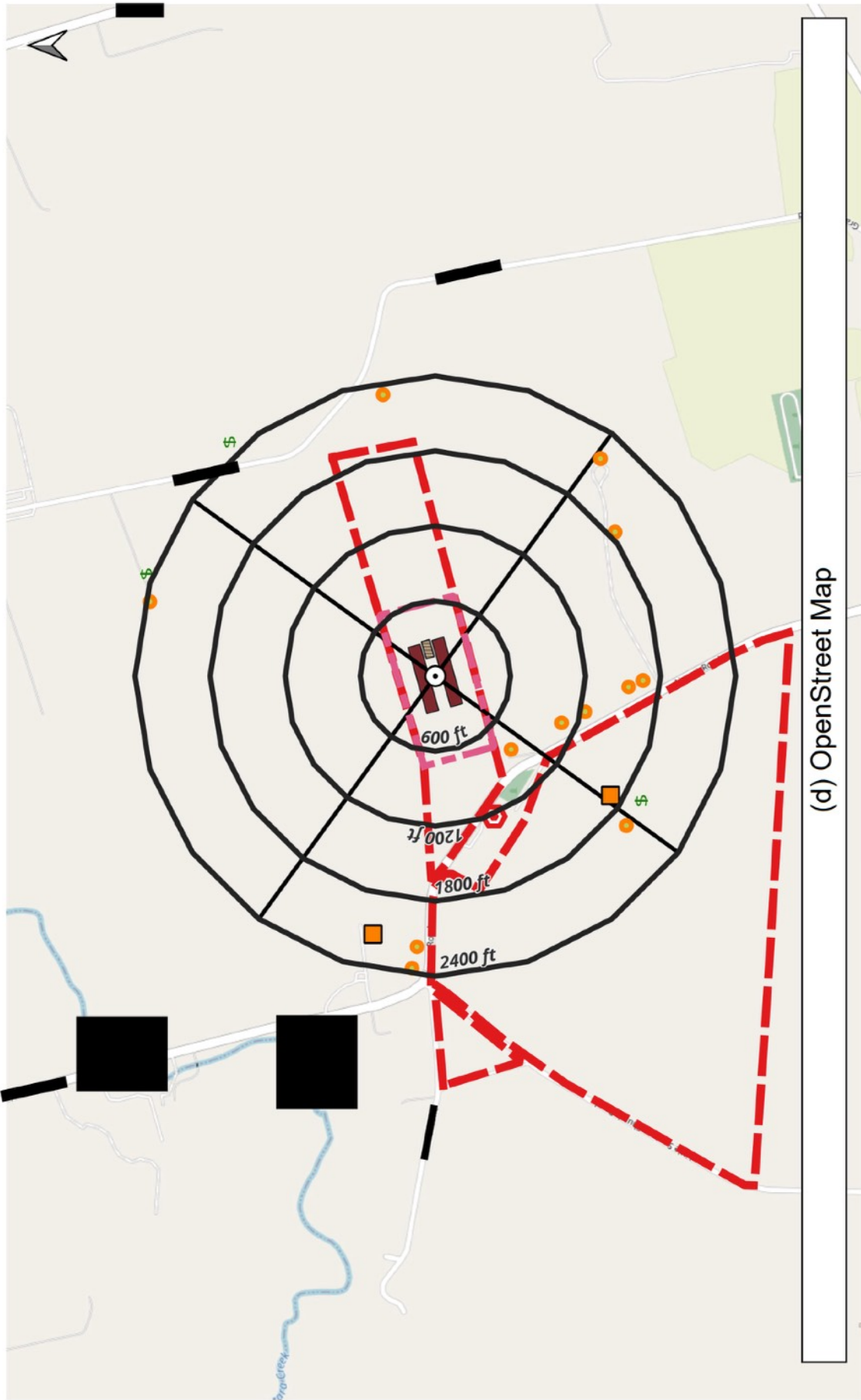
Calculation of Animal Equivalency Units (AEU's)

Type of Livestock	Number	Ave. Wt.	Days/Year	AEU's
1 Layers	70,000	3.14	350	210.77
2				0.00
3				0.00
4				0.00
5				0.00
6				0.00
7				0.00
8				0.00
9				0.00
10				0.00
11				0.00
12				0.00
13				0.00

Available Acreage (Tilled and pasture, owned and rented)

Total AEU = 210.77
 AEU/acre = 8.11 **CAO**

(c) CAO Calculation



(d) OpenStreet Map

Landowner: [Redacted]

Address: [Redacted]

OMP OpenStreet Map

600 0 600 1,200 1,800 2,400 ft

MANURE

MANAGEMENT PLAN

Manure Management Plan (MMP - Clean Streams Law)

Required for **any farm land applying manure**, regardless of size

- Animal type, number, and daily manure generation estimates
- Manure storage and stacking site description
- Setback distances from streams, wells, sinkholes, and property lines
- Field maps with application areas and restricted zones
- Application rate charts based on season and field conditions
- Winter application justification (if applicable)
- Inspection and recordkeeping forms
- Implementation narrative for manure handling practices
- Farmer sign-off for implementation and annual review

MANURE MANAGEMENT PLAN WORKBOOK CHECKLIST

	Manure Management Plan Page No.	Completed or Reviewed	Not Needed
Section 1 – General Information			
Date of Development	2	X	
Contact Information	2	X	
Operation Information	3	X	
Animals Worksheet	5	X	
Section 2 – Mechanical Manure Application			
Environmentally Sensitive Areas Worksheet	6	X	
Winter Application Worksheet	7	X	
Manure Management Plan Summary	8	X	
Section 3 – Operation Map			
Operation Map	9	X	
Section 4 – Manure and Agricultural Process Wastewater Storage and Stockpiling/Stacking Areas			
Agriculture Process Wastewater Worksheet	10		X
Manure Storage Worksheet	11		X
Section 5 – Pasture Management			
Pasture Management Worksheet	12		X
Section 6 – Animal Concentration Areas			
ACA Worksheet	13		X
Note: regulations require all operations with crops or ACAs to also have an Agricultural Erosion and Sediment Control Plan meeting the requirements of 25 Pa. Code Chapter 102. Additional information can be obtained from the county conservation district.			
Section 7 – Recordkeeping			
Recordkeeping Forms	14-17	X	

MANURE MANAGEMENT PLAN WORKBOOK
Section 1 – General Information

DATE OF DEVELOPMENT
(See Workbook Instructions Page 3)

Date of Development: July 25, 2025
Date of Update(s): _____

Note that the owner/operator is expected to evaluate the manure management plan annually and update the plan when necessary to keep the plan consistent with operation and manure management practices.

CONTACT INFORMATION
(See Workbook Instructions Page 3)

Operation Name: _____
Name of Operator: _____
Name of Landowner(s): _____
Operation Physical Address: _____
City, State and Zip Code: _____
Operation Mailing Address: _____
City, State and Zip Code: _____
Phone Number (Home/Barn): _____
(Cell): _____
Email Address: _____

Manure Management Plan Preparer Contact Information
(if other than owner/operator)

Preparer Name: Jeff Weidemoyer
Preparer Organization: _____
Physical Address: _____
City, State and Zip Code: _____
Phone Number (Business): _____
(Cell): 272.879.0299
Email Address: _____

MANURE MANAGEMENT PLAN WORKBOOK

OPERATION INFORMATION

(See Workbook Instructions on Page 3)

- a. **Crop Rotations used on the Operation (use additional sheets as necessary):**
1ySB>1yCG>1ySB

- b. **Acres available for mechanical application of manure (excluding pasture):**

Owned: 134.50 Rented: 20

The term "Mechanical application" as used in this document means the application of manure by a person through any mechanical means such as a manure spreader, irrigation system, horse-drawn equipment, or a pitchfork. The term does not include direct application of manure by animals on pastures and/or in Animal Concentration Areas. Pasture Areas should only be noted once, in letter c.

- c. **Pasture Areas:** Yes No

If yes, list acres: Owned: 0 Rented: 0

If the operation contains pasture, then complete the Pasture Management Worksheet.

- d. **Total acres available for manure: (b. + c.)** 154.50 Acres

- e. **Animals on the operation:** Yes No

If animals are on the operation, complete the Animals Worksheet. Refer to Appendix 2, Agronomy Facts 54, Pennsylvania's Nutrient Management Act (Act 38) for additional information.

- f. **Environmentally Sensitive Areas:**

Private or public drinking water wells Yes No

Streams, lakes, springs, or ponds Yes No

Open sinkholes Yes No

Areas of concentrated flow including swales, ditches, gullies, etc. Yes No

For winter application, above ground inlet to agricultural drainage system Yes No

If the operation contains any environmentally sensitive areas, then complete the Environmentally Sensitive Areas Worksheet and identify the environmentally sensitive areas on the Operation Map.

- g. **Winter Application:** Is manure applied during the winter? Yes No

If yes, then complete the Winter Application Worksheet.

- h. **Agricultural Process Wastewater:** Is any agricultural process wastewater generated on-site? Yes No

If yes, then complete the Agricultural Process Wastewater Worksheet.

- i. **Manure Storage Facilities:** Is manure stored in a manure storage facility (concrete tank, metal tank, under-building structure, earthen, clay, or synthetic lined pond or lagoon, solid manure stacking pad, etc.)? Yes No

If yes, then complete the Manure Storage and Stacking Worksheet.

j. Solid Manure Stockpiling or Stacking:

Yes No

Is manure stockpiled or stacked in outdoor areas?

If yes, then complete the Manure Storage and Stacking Worksheet.

k. Animal Concentration Areas (ACAs):

Yes No

If yes: Owned: Rented:

If the operation contains any ACAs, then complete the ACA Worksheet.

l. Manure Spreader Calibration: The manure spreader used to apply all manure will be calibrated according to the recommendations in Agronomy Facts 68 found in Appendix 3 prior to manure application.

Yes NA

MANURE MANAGEMENT PLAN WORKBOOK

MANURE MANAGEMENT PLAN SUMMARY

Use Additional Sheets as Necessary
(See Workbook Instructions Page 8)

Crop Group and Yield (a)	Manure Group (b)	Application Season (c)	Planned Application Rate from C, NBS, PI * (d)	Incorporation Timing (e)	Commercial Fertilizer Application Rate (f)	Fields where this crop group can be used (g)
Soybeans - Fall - 60 bu/ac	Turkey	Fall	2 ton/ac (NBS)	N/A	N/A	All fields
Soybeans - Spring - 60 bu/ac	Turkey	Spring	2 ton/ac (NBS)	N/A	N/A	All fields
Corn Grain - Fall - 150 bu/ac	Turkey	Fall	2 ton/ac (NBS)	N/A	N/A	All fields
Corn Grain - Spring - 150 bu/ac	Turkey	Spring	2 ton/ac (NBS)	N/A	N/A	All fields
Soybeans - Fall - 60 bu/ac	Turkey	Fall	2 ton/ac (NBS)	N/A	N/A	All fields
Soybeans - Spring - 60 bu/ac	Turkey	Spring	2 ton/ac (NBS)	N/A	N/A	All fields

Soil test results taken in the last three years indicate phosphorous levels (Mehlich 3-P levels) are less than 200 ppm. Yes No
If soil samples are over three years old or indicate phosphorous levels greater than or equal to 200 ppm, then base manure application rates on the phosphorous removal charts, a NBS calculated to phosphorous removal, or the Phosphorous Index developed by an authorized planner.

*C - The application rate was taken from the charts in Appendix 1. **Appendix 1 contains an explanation and example of how to use the rate charts when filling out this Manure Management Plan Summary.**

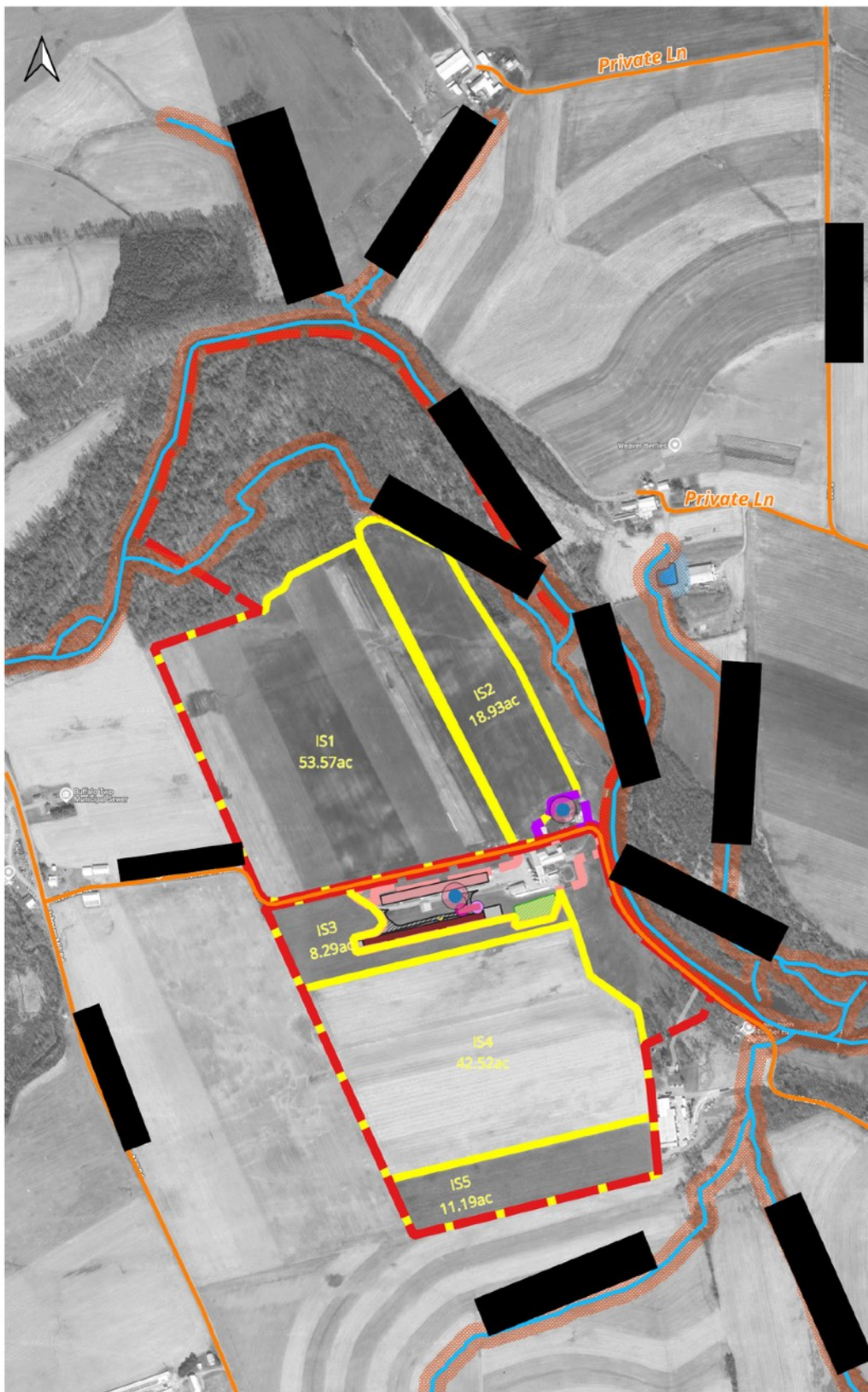
NBS - The application rate was calculated using Nutrient Balance Sheet.

PI - The application rate was calculated by a Certified Nutrient Management Planner using the Phosphorus Index.

No single application can exceed 9,000 gallons unless applied in accordance with 25 Pa. Code § 83.294(e). If any application rates are greater than 9,000 gallons, then split the application into multiple applications with no evidence of pooling between applications.

MANURE MANAGEMENT PLAN WORKBOOK
Section 3 – Operation Map

INSERT OPERATION MAP
(See Workbook Instructions Page 10)



- Existing**
- Well ●
 - 100 FT Well Buffer
 - Road —
 - Stream —
 - 100 FT Veg Buffer
 - Pond
 - 100 FT Pond Buffer
 - Barn
 - Farm Boundary
 - Farmstead
 - Field Boundary
- Proposed**
- Farmstead
 - Pipe —
 - Inlet ●
 - Outlet ●
 - Basin
 - Feed Bin
 - Barn
 - Equip and Storage
 - Gravel Pad
 - Access Drive

Maps
Google Satellite Hybrid

Landowner:
[Redacted]

Address:
[Redacted]

[Redacted]

MMP Operational Map



AG

E&S

Ag Erosion & Sediment Control Plan (Ag E&S - 25 Pa. Code §102.4)

Required for:

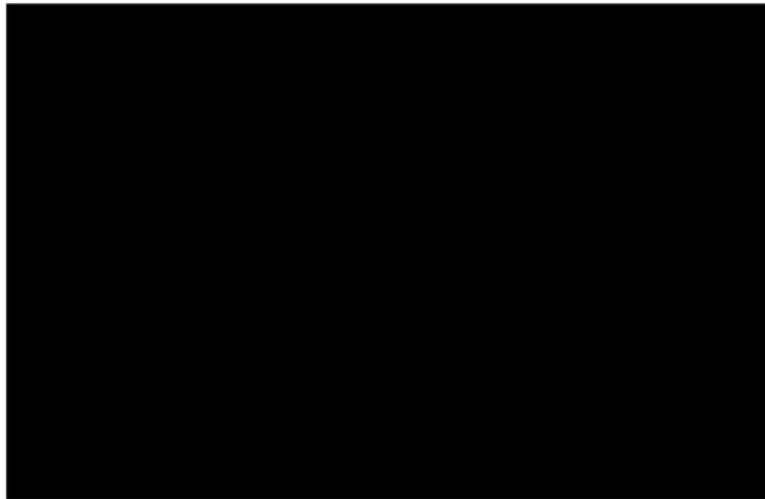
- **Plowing/tilling >5,000 sq ft** (including no-till)
- **Any Animal Heavy Use Area (AHUA)** regardless of size
- Description of tillage activities and erosion risks
- Map showing field boundaries, slopes, soils, AHUAs, and waterways
- Soil loss calculations (T-value or RUSLE2, if required)
- Best Management Practices (BMPs) for erosion control:
 - Contour farming
 - Grass buffers/diversions
 - Seeding and mulching specs
- AHUA management strategies:
 - Heavy use pad stabilization
 - Diversion berms
 - Vegetated outlets or infiltration
- Seeding, mulching, and construction sequence for AHUA grading
- Narrative explanation of practices and their justification
- Record of implementation plan and review schedule

AGRICULTURAL EROSION & SEDIMENT CONTROL PLAN

[Redacted]



[Redacted]



Date:
April 2, 2025



Operator:


Owner:


Ag E&S Plan (Homestead)

Tract:
Farm:
GPS: 

Site Address:


This Agricultural Erosion and Sediment Control Plan meets or exceeds the requirements of Chapter 102 for cropland, pastures, and/or animal concentrated areas on agricultural operations. This plan reflects the needed treatment to address soil erosion and sediment control and protect water quality.

Crop Fields

Conservation Crop Rotation (328)

A planned sequence of crops grown on the same ground over a period of time (i.e. the rotation cycle).

PURPOSE This practice is applied to support one or more of the following purposes:

- Reduce sheet, rill and wind erosion
- Maintain or increase soil health and organic matter content
- Reduce water quality degradation due to excess nutrients
- Improve soil moisture efficiency
- Reduce the concentration of salts and other chemicals from saline seeps
- Reduce plant pest pressures
- Provide feed and forage for domestic livestock

OPERATION AND MAINTENANCE:

Rotations shall provide for acceptable substitute crops in case of crop failure or shift in planting intentions for weather related or economic reasons. Acceptable substitutes are crops having similar properties that will accomplish the purpose of the original crop. Evaluate the rotation and the crop sequence to determine if the planned system is meeting the planned purposes.

Crop Rotation for this operation: 1yr SB> 1yr CG > 1 yr SB/WhDC

Field	Planned Amount	Planned Date	Applied Amount	Applied Date
GH1	2.88ac	2025		
GH2	35.51ac	2025		
GH3	46.31ac	2025		
GH4	5.75ac	2025		
GH5	11.95ac	2025		

Residue and Tillage Management, No Till (329)

Limiting soil disturbance to manage the amount, orientation and distribution of crop and plant residue on the soil surface year around.

PURPOSE:

- Reduce sheet, rill, and wind erosion and excessive sediment in surface waters (soil erosion).
- Reduce tillage-induced particulate emissions (air quality impact).
- Improve soil health and maintain or increase organic matter content (soil quality degradation).
- Reduce energy use (inefficient energy use).

OPERATION AND MAINTENANCE:

Evaluate the crop residue cover and orientation for each crop to ensure the planned amounts and orientation are being achieved. Adjust management as needed to either plan a new residue amount or orientation; or adjust the planting, tillage, or harvesting equipment. If there are areas of heavy residue accumulation in the field, spread the residue prior to planting so it does not interfere with planter operation.

Field	Planned Amount	Planned Date	Applied Amount	Applied Date
GH1	2.88ac	2025		
GH2	35.51ac	2025		
GH3	46.31ac	2025		
GH4	5.75ac	2025		
GH5	11.95ac	2025		

Cover Crop (340)

Grasses, legumes, and forbs planted for seasonal vegetative cover.

PURPOSE

This practice is applied to support one or more of the following purposes:

- Reduce erosion from wind and water.
- Maintain or increase soil health and organic matter content.
- Reduce water quality degradation by utilizing excessive soil nutrients.
- Suppress excessive weed pressures and break pest cycles.
- Improve soil moisture use efficiency.
- Minimize soil compaction

OPERATION AND MAINTENANCE:

Evaluate the cover crop to determine if the cover crop is meeting the planned purpose. If the cover crop is not meeting the purpose adjust the management, change the variety or mix of cover crop, or choose a different technology.

Field	Planned Amount	Planned Date	Applied Amount	Applied Date
GH1	2.88ac	2025		
GH2	35.51ac	2025		
GH3	46.31ac	2025		
GH4	5.75ac	2025		
GH5	11.95ac	2025		

Farmstead

Waste Storage Facility (313)

An agricultural waste storage impoundment or containment made by constructing an embankment, excavating a pit or dugout, or by fabricating a structure.

PURPOSE:

This practice is used to accomplish of the following purpose:

- To store manure, agricultural by-products, wastewater, and contaminated runoff to provide the agricultural operation management flexibility for waste utilization

OPERATION AND MAINTENANCE

- Check for leaks, cracks, overflows, trees, or other issues threatening storage integrity.
- Maintain required freeboard at all times.

Field	Planned Amount	Planned Date	Applied Amount	Applied Date
Farmstead	~32,400 CF	2025		

Sediment Basin (350)

A basin constructed with an engineered outlet, formed by constructing an embankment, excavating a dugout, or a combination of both.

PURPOSE:

This practice is used to accomplish of the following purpose:

- To capture and detain sediment-laden runoff, or other debris for a sufficient length of time to allow it to settle out in the basin

OPERATION AND MAINTENANCE

- Periodic inspections of all structures, earthen embankments, spillways, and other significant appurtenances.
- Prompt removal of trash from pipe inlets and trash racks.
- Prompt repair or replacement of damaged components.
- Prompt removal of sediment when it reaches predetermined storage elevations.
- Periodic removal of trees, brush, and undesirable species.
- Periodic inspection of safety components and immediate repair if necessary.
- Maintenance of vegetative protection and immediate seeding of bare areas as needed.

Field	Planned Amount	Planned Date	Applied Amount	Applied Date
Farmstead	~40,000 SF	2025		

Lined Waterway or Outlet (468)

A waterway or protected outlet section having an erosion-resistant lining of concrete, stone, synthetic turf reinforcement fabrics, or other permanent material.

PURPOSE:

This practice is used to accomplish one or more of the following purposes:

- Provide safe conveyance of runoff from conservation practices or other flow concentrations without causing erosion or flooding
- Prevent or stabilize existing gully erosion or scour
- Protect and improve water quality

OPERATION AND MAINTENANCE

- Regular inspection of lined waterways, especially following heavy rains. Promptly repair damaged areas and remove sediment deposits to maintain capacity of lined waterways.
- Control noxious weeds. Avoid areas where forbs have been established when applying herbicides.
- Avoid using the lined waterways as turn-rows during tillage and cultivation operations.
- Prescribed burning and mowing may be appropriate to enhance wildlife values, but must be conducted to avoid peak nesting seasons and reduced winter cover.
- Do not use the lined waterway as a field road.
- Avoid crossing the lined waterway or outlet with heavy equipment.

Field	Planned Amount	Planned Date	Applied Amount	Applied Date
Farmstead	~20 LF	2025		

Access Road (560)

An access road is an established route for equipment and vehicles.

PURPOSE

This practice is applied to support one or more of the following purposes:

- To provide a fixed route for vehicular travel for resource activities involving the management of conservation forestry operations, livestock, agriculture, wildlife habitat, and other conservation enterprises

OPERATION AND MAINTENANCE:

- Inspect culverts, roadside ditches, water bars, and outlets after each major runoff event and restore flow capacity as needed. Ensure proper cross section is available and outlets are stable.
- Maintain vegetated areas in adequate cover to meet the intended purpose(s).
- Fill low areas in travel treads and regrade, as needed, to maintain road cross section. Repair or replace surfacing materials as needed.
- Select chemical treatment(s) for surface treatment or snow/ice removal, as needed. Select the chemicals used for surface treatment or snow and ice removal to minimize adverse effects on stabilizing vegetation.
- Select dust control measures, as needed.

Field	Planned Amount	Planned Date	Applied Amount	Applied Date
Farmstead	~ 460 FT	2025		

Heavy Use Area Protection (561)

Stabilization or protection of an intensively used area.

PURPOSE:

This practice is used to accomplish one or more of the following purposes:

- Reduce soil erosion
- Provide a stable, noneroding surface for areas frequently used by animals, people, or vehicles
- Protect or improve water quality

OPERATION AND MAINTENANCE

- Regular inspections—annually and immediately following significant rainfall events.
- Promptly repair or replace damaged components, especially surfaces that are subjected to wear or erosion.
- Regularly remove and manage manure, as needed.

Field	Planned Amount	Planned Date	Applied Amount	Applied Date
Farmstead	~50,600 SF	2025		

Structure for Water Control (587)

A structure in a water management system that conveys water, controls the direction or rate of flow, maintains a desired water surface elevation, or measures water.

PURPOSE:

This practice is used to accomplish of the following purpose:

- To control the stage, discharge, distribution, delivery, or direction of water flow

OPERATION AND MAINTENANCE

- Periodic inspections of all structures, earthen embankments, spillways, and other significant appurtenances, at least after major storms and at least semi-annually.
- Prompt removal of trash from pipe inlets and trash racks.
- Prompt repair or replacement of damaged components.
- Prompt removal of sediment when it reaches predetermined storage elevations.
- Periodic removal of trees, brush, and undesirable species.
- Periodic inspection of safety components and immediate repair if necessary.
- Maintenance of vegetative protection and immediate seeding of bare areas as needed.
- Water level management and timing shall be adequately described wherever applicable.

Field	Planned Amount	Planned Date	Applied Amount	Applied Date
Farmstead	~2 LS	2025		

Subsurface Drain (606)

A conduit installed beneath the ground surface to collect and/or convey excess water.

PURPOSE:

This practice is used to accomplish of the following purpose:

- Remove or distribute excessive soil water
- Remove salts and other contaminants from the soil profile

OPERATION AND MAINTENANCE

- Necessary periodic inspection and prompt repair of system components (e.g. structures for water control, underground outlets, vents, drain outlets, trash and rodent guards).
- Winterization protection from freezing conditions for drainage systems in cold climates.





















Field	Planned Amount	Planned Date	Applied Amount	Applied Date
Farmstead	~150 LF	2025		

All the information provided in this agricultural erosion and sediment control plan is accurate to the best of my knowledge. I will implement the practices and procedures outlined in my plan in order to address soil erosion and sediment control and protect the soil resource and water quality.

OPERATOR

_____ Date



- Ag E&S**
- Farm Lane 
 - Ag E&S Boundary 
- Existing**
- Roads 
 - Streams 
 - 100 FT Veg Buffer 
 - Field Boundary 
 - Ponds 
 - 100 FT Pond Buffer 
 - Farm Boundary 
- Proposed**
- Farmstead 
 - Field Boundary 
 - Pipe 
 - Inlet 
 - Outlet 
 - Basin 
 - Equip and Storage 
 - Barn 
 - Manure Stack Pad 
 - Gravel Pad 
 - Access Drive 

Maps
Google Satellite Hybrid

Landowner:
[Redacted]
Address:
[Redacted]

Ag E&S Farm Map





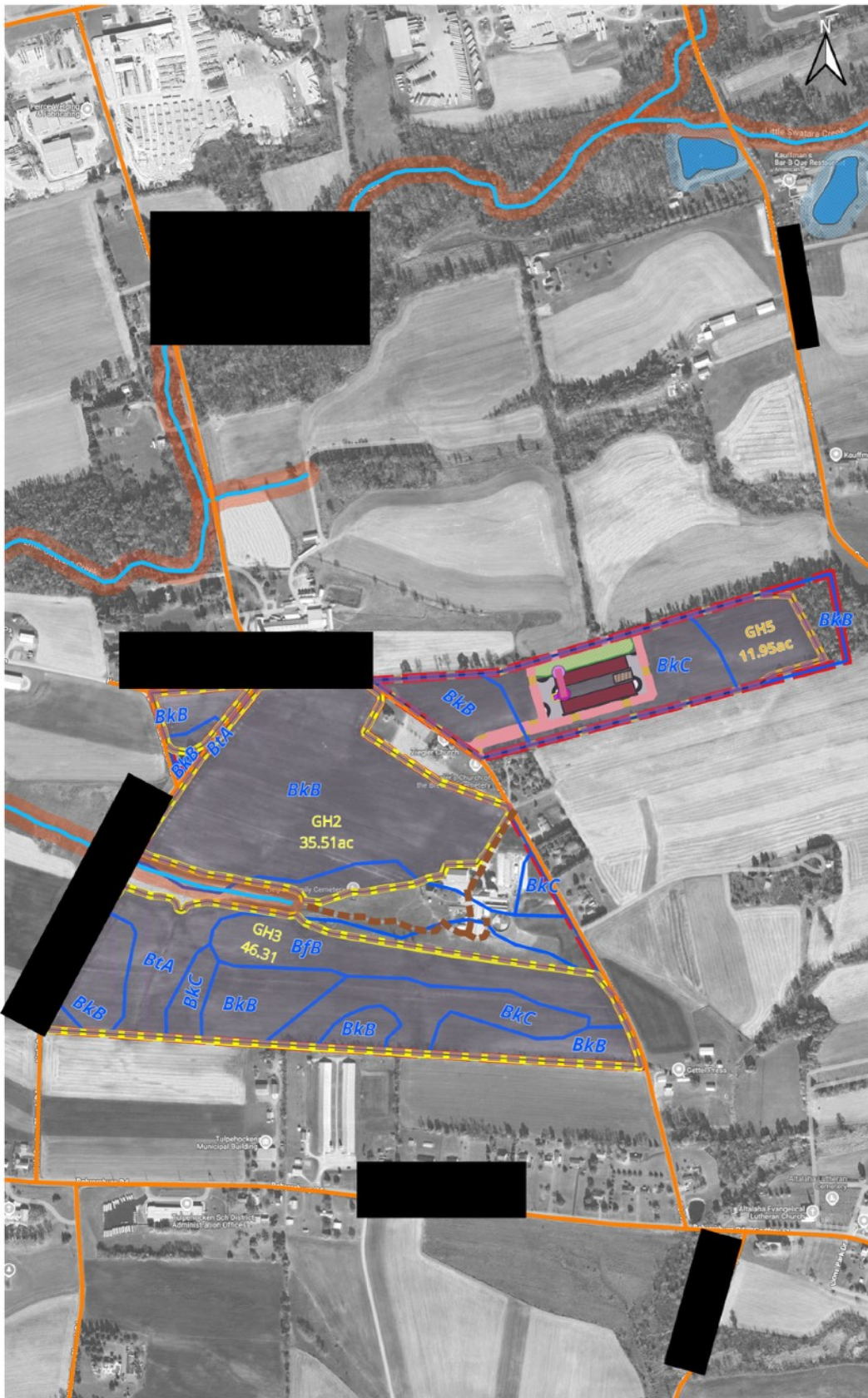
- Ag E&S**
- Farm Lane 
 - Ag E&S Boundary 
- Existing**
- Roads 
 - Field Boundary 
 - Farm Boundary 
- Proposed**
- Farmstead 
 - Field Boundary 
 - Pipe 
 - Inlet 
 - Outlet 
 - Basin 
 - Equip and Storage 
 - Barn 
 - Manure Stack Pad 
 - Gravel Pad 
 - Access Drive 
- Maps**
- Google Satellite Hybrid

Landowner:
Galen Hoover

Address:
17 Airport Rd
Bethel PA, 19507

**Galen Hoover Ag Operation
Ag E&S Farmstead Map**





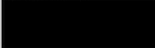
- Ag E&S**
- Farm Lane
 - Ag E&S Boundary
- Existing**
- Roads
 - Streams
 - 100 FT Veg Buffer
 - Field Boundary
 - Soils
 - Ponds
 - 100 FT Pond Buffer
 - Farm Boundary
- Proposed**
- Farmstead
 - Field Boundary
 - Pipe
 - Inlet
 - Outlet
 - Basin
 - Equip and Storage
 - Barn
 - Manure Stack Pad
 - Gravel Pad
 - Access Drive
- Maps**
- Google Satellite Hybrid

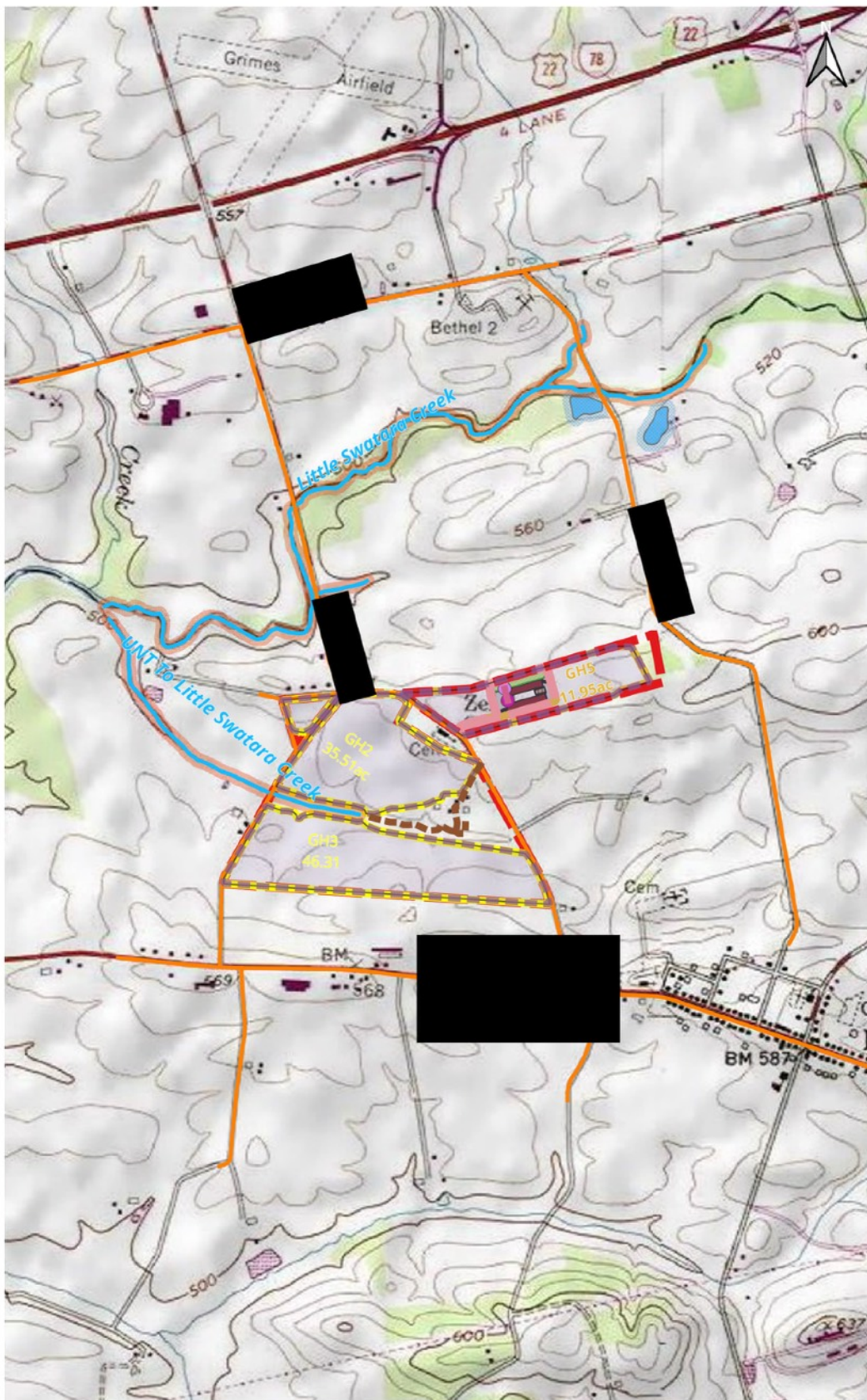
Landowner:



Ag E&S Soils Map

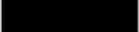
Address:





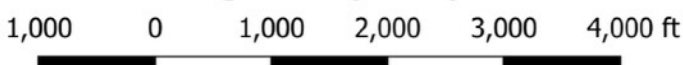
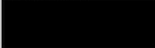
- Ag E&S**
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- Basin
- Equip and Storage
- Barn
- Manure Stack Pad
- Gravel Pad
- Access Drive
- Maps**
- USA_Topo_Maps

Landowner:



Ag E&S Topo Map

Address:





Rusle Program Version:
Rusle Science Version:
Data Base:

RUSLE2 Erosion Calculation Record

File: [REDACTED]

Access Group: R2_NRCS_Fld_Office

Inputs:

Owner name	Location	Info
[REDACTED]	[REDACTED]	[REDACTED]

R Factor	Annual precip	10-yr 24-hr rainfall	In Req area?
170	46	4.9	No

Field name	Soil				Slope Value	Slope length, ft	Slope steepness, %
GH1	soils\SSURGO\Berks County, Pennsylvania\BtA Brinkerton-Comly silt loams, 0 to 3 percent slopes\Brinkerton Silt loam 75%				3.0	150	4.0
GH2	soils\SSURGO\Berks County, Pennsylvania\BkB Berks-Weikert complex, 3 to 8 percent slopes\Berks Channery loam 65%				2.0	230	3.0
GH3	soils\SSURGO\Berks County, Pennsylvania\BkB Berks-Weikert complex, 3 to 8 percent slopes\Berks Channery loam 65%				2.0	150	3.0
GH4	soils\SSURGO\Berks County, Pennsylvania\BkB Berks-Weikert complex, 3 to 8 percent slopes\Berks Channery loam 65%				2.0	130	5.0
GH5	soils\SSURGO\Berks County, Pennsylvania\BKC Berks-Weikert complex, 8 to 15 percent slopes\Berks Channery loam 65%				2.0	150	4.0

Results:

Field name	Description	Contouring system	Support practices	Terrace/diversion system	Cons. plan. soil loss, t/ac/yr	Sed. delivery, t/ac/yr	Soil conditioning index (SCI)	STIR value	Wind & irrigation-induced erosion for SCI	Fuel cost
GH1		contour-systems/default	-- none -	-- none --	2.5	2.5	0.27	7.4	0	0
GH2		contour-systems/default	-- none -	-- none --	1.4	1.4	0.36	7.4	0	0
GH3		contour-systems/default	-- none -	-- none --	1.3	1.3	0.37	7.4	0	0

GH4	contour- systems\default	-- none - -	-- none --	1.9	1.9	0.32	7.4	0	0
GH5	contour- systems\default	-- none - -	-- none --	2.0	2.0	0.31	7.4	0	0

The **SCI** is the **Soil Conditioning Index** rating. If the calculated index is a negative value, soil organic matter levels are predicted to decline under that production system. If the index is a positive value, soil organic matter levels are predicted to increase under that system.

The **STIR** value is the **Soil Tillage Intensity Rating**. It utilizes the speed, depth, surface disturbance percent and tillage type parameters to calculate a tillage intensity rating for the system used in growing a crop or a rotation. STIR ratings tend to show the differences in the degree of soil disturbance between systems. The kind, severity and number of ground disturbing passes are evaluated for the entire cropping rotation as shown in the management description.



RUSLE2 Management Description Record

File: [REDACTED]

Date	Operation	Vegetation	Yield (harv. units)	Type of cover material	Cover matl add/remove, lb/ac	Cover from addition, %	Standing res. added by op. desc., lb/ac
5/1/1	Sprayer, kill crop				250	14	4800
5/4/1	Fert applic. surface broadcast						
5/5/1	Drill or air seeder single disk openers 7-10 in spac.	Soybean, mw 7in rows	20.0				
5/19/1	Sprayer, post emergence			weeds; 0-3 mo	250	14	
7/19/1	Sprayer, fungicide and insecticide tank mix						
9/19/1	Harvest, killing crop 20pct standing stubble				600	30	150
5/1/2	Sprayer, kill crop						
5/15/2	Planter, double disk oprnr w/fluted coulter with starter fertilizer	Corn, grain	112				
6/15/2	Sprayer, post emergence			weeds; 0-3 mo	250	14	
6/20/2	Fert applic. side-dress, liquid						
10/15/2	Harvest, killing crop 30pct standing stubble				4400	81	1900
10/20/2	Shred residue, 6 inch stubble						
10/21/2	Sprayer, kill crop						
5/1/3	Fert applic. surface broadcast						
5/2/3	Drill or airseeder, double disk, w/ fluted coulter	Soybean, mw 7in rows	20.0				
9/2/3	Harvest, killing crop 20pct standing stubble				810	38	200
9/4/3	Sprayer, kill crop						
9/5/3	Drill or airseeder, double disk, w/ fluted coulter	Rye and Hairy vetch, winter cover	5000				

Long-term natural rough.: 6.0 mm
Normally used as a rotation?: Yes
Duration: 3 yr

Info:

Data Collection Chart for 6 & 12 Inch Infiltration Rings

Double-Ring Infiltrometer Field Test

Project:		Weather Conditions:		Depth of Probe:		Temperature Readings		Flow Readings		Remarks			
		<input type="checkbox"/> Below 40°F <input type="checkbox"/> Above 40°F <input type="checkbox"/> Sunny <input type="checkbox"/> Cloudy <input type="checkbox"/> Partly Sunny/Cloudy <input type="checkbox"/> Rain, Sleet, Snow (list at hrs)		Depth of Probe: 12"		Soil Type:		Ring Number: 1 2 3 4 5 6 7 8		Ring Valve () Floated Tubes			
Test Location: 3 Tested By: JPH Liquid Used: H ₂ O pH:		Inner Ring: 113 in ² Annular Space: 340 in ² Liquid level maintained using:		Depth of Inner/Outer Ring: 2" Infiltration Rate:		Ground Temp:		Ring Reading:		Matting <input type="checkbox"/> Backhoe <input type="checkbox"/> Ponded Water <input type="checkbox"/> Fractures <input type="checkbox"/> Seeps <input type="checkbox"/> Coarse Fragments <input type="checkbox"/> Frozen <input type="checkbox"/> SHWT <input type="checkbox"/>			
Trial #	Start / End	Date	Time	Elapsed Time	Inner Infiltration Rate	Annular Infiltration Rate	Ground Temp	Temp at Depth	Ambient Temp	Ring Reading	Space Reading	Space Marriotte Tube	Marriotte Tube Volume
MM/DD/YY	HR:MIN	CHG(Total)	Min	Min	in/30 min	in/30 min	Depth (in)	Depth (in)	Temp (°F)	in	in	in	
PRE-SOAK													
1	Start Test	5/1/2024	11:30 AM	0:30	2.98	2.99	12.00	°F	°F				
	End Test	5/1/2024	12:00 PM										
2	Start Test	5/1/2024	12:00 PM	0:30	2.95	2.95							
	End Test	5/1/2024	12:30 PM										
TEST DATA													
3	Start Test	5/1/2024	12:30 PM	0:10	2.98	3.01							
	End Test	5/1/2024	12:40 PM										
4	Start Test	5/1/2024	12:40 PM	0:10	2.97	3.00							
	End Test	5/1/2024	12:50 PM										
5	Start Test	5/1/2024	1:00 PM	0:10	2.94	2.98							
	End Test	5/1/2024	1:10 PM										
6	Start Test	5/1/2024	1:10 PM	0:10	2.95	2.99							
	End Test	5/1/2024	1:20 PM										
7	Start Test			0:10									
	End Test												
8	Start Test			0:10									
	End Test												
9	Start Test			0:10									
	End Test												
10	Start Test			0:10									
	End Test												
												5.90	Infiltration Rate (in/hr)

Data Collection Chart for 6 & 12 Inch Infiltration Rings

Double-Ring Infiltrometer Field Test

Project: XXXXXXXXXX		Weather Conditions: <input checked="" type="checkbox"/> Sunny <input type="checkbox"/> Cloudy <input type="checkbox"/> Partly Sunny/Cloudy <input type="checkbox"/> Below 40°F <input checked="" type="checkbox"/> Above 40°F <input type="checkbox"/> Dry <input type="checkbox"/> Rain, Sleet, Snow (list at end)		Depth of Probe: 72"		Soil Type: 1 2 3 4 5 6 7 8		Ring Number: 1 2 3 4 5 6 7 8		Flow Readings:		Remarks:	
Test Location: 5		Constants		Depth of Liquid (in)		Marriotte Tube Volume		Inner Ring		Annular Space		Flow Readings	
Tested By: JPW		Inner Ring: 113 in ² Annular Space: 340 in ²		4.0		4.0		4.0		4.0		4.0	
Liquid Used: H ₂ O		Liquid Source: Well		Liquid level maintained using: (X) Falling Head () Float Valve () Marriotte Tubes		4.0		4.0		4.0		4.0	
pH:		Temperature Readings		Ground Temp		Ambient Temp		Ring Reading		Space Reading		Space Reading	
Depth of Perc: 72"		Inner Infiltration Rate in/30 min: 6.00		6.00		6.00		6.00		6.00		6.00	
Time		Elapsed Time		Ground Temp		Ambient Temp		Ring Reading		Space Reading		Space Reading	
HR: MIN		CHG(Total) Min		Depth (in)		Depth (in)		in		in		in	
Start / End		Date		Time		Temp °F		Temp °F		Temp °F		Temp °F	
MM/DD/YY		MM/DD/YY		HR: MIN		°F		°F		°F		°F	
Start Test		5/1/2024		10:00 AM		12.00		12.00		12.00		12.00	
End Test		5/1/2024		10:30 AM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		11:00 AM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		11:30 AM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		11:30 AM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:00 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
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End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
End Test		5/1/2024		12:10 PM		6.00		6.00		6.00		6.00	
Start Test		5/1/2024		12:10 PM		6.00							

INSPE

CTIONS

Routine Inspections & Site Walks

For operations needing compliance checks, plan verifications, or field-scale recommendations

- Visual walkover of facilities, fields, stacking areas, and AHUAs
- Identification of non-compliance or erosion risks
- Verification of BMP implementation
- Records check (inspection logs, spreading documentation, etc.)
- Written summary with action items
- Optional Conservation District coordination follow-up

CHAPTER 102 VISUAL SITE INSPECTION REPORT

GENERAL INFORMATION

Project Site Name: [REDACTED] Permit No.: _____

Permit Type: PAG-01 PAG-02 Individual NPDES Individual E&S ESCGP

Approval Date: _____ Expiration Date: _____

Permittee Name: [REDACTED] Municipality: [REDACTED]

Inspector Name: Jeff Weidemoyer County: [REDACTED]

Inspector Firm: [REDACTED] Inspector Title: Agricultural Planner

Inspector Email: [REDACTED] Inspector Phone: 272.879.0299

The inspector named above is qualified (*check the appropriate box below*)

DEP's Clean Water Academy Program CPESC CESSWI Other (equivalent)

INSPECTION INFORMATION

Inspection Date: 11/29/2024 Inspection Time: 9:00 (AM) / PM Inspection No.: 6

Precipitation (Previous 24 hrs): 0.83 inch(es) Source: NOAA

Current Site Conditions: Active Earth Disturbance Fully Stabilized Snow Covered Other

Current Weather Conditions: Rain/Sleet/Snow Overcast Sunny/Partly Sunny

Inspection Type: Routine (Weekly) Post-Storm (≥ 0.25 inch) Corrective Action

INSPECTION CHECKLIST

Inspect all of the following areas of the project site. Check the box to certify these areas have been inspected and describe problems or deficiencies identified, if any. Use a separate sheet as necessary.

1. Areas that have been cleared and grubbed, graded, excavated, or otherwise disturbed and are not yet stabilized.

These areas have been inspected N/A (no areas on-site meet these conditions)

Areas are dormant for four (4) days or longer and are not temporarily stabilized.

Areas have been final graded but have not yet been stabilized.

All disturbances are being actively graded and are not yet ready for temporary or permanent stabilization.

2. BMPs/SCMs installed to comply with the permit (including site perimeter BMPs).

BMPs/SCMs have been inspected N/A (there are no BMPs/SCMs on-site at the time of inspection)

Photographs of BMPs/SCMs on-site are attached with a date/time stamp.

Photographs of all observed deficiencies are attached with a date/time stamp.

A BMP/SCM Inspection checklist has been completed and is attached for one or more BMPs/SCMs.

Description of problems or deficiencies identified: No deficiencies identified

INSPECTION CHECKLIST (CONTINUED)	
3. Material, waste, borrow and equipment storage and maintenance areas covered by permit or E&S Plan approval. <input checked="" type="checkbox"/> These areas have been inspected <input type="checkbox"/> N/A (no areas on-site meet these conditions) Description of problems or deficiencies identified: _____ <input checked="" type="checkbox"/> No deficiencies identified	
4. Areas where stormwater flows within the site, including drainageways designed to divert, convey and/or treat stormwater. <input checked="" type="checkbox"/> These areas have been inspected Description of problems or deficiencies identified: _____ <input checked="" type="checkbox"/> No deficiencies identified	
5. Discharge points (DPs) on-site (i.e., is there evidence of accelerated erosion or sedimentation). <input type="checkbox"/> DPs have been inspected <input checked="" type="checkbox"/> N/A (there are no DPs at the time of inspection) Description of problems or deficiencies identified: _____ <input checked="" type="checkbox"/> No deficiencies identified	
6. Locations where stabilization measures have been implemented. <input checked="" type="checkbox"/> These locations have been inspected <input type="checkbox"/> N/A (there is no temporary or permanent stabilization) Description of problems or deficiencies identified: _____ <input checked="" type="checkbox"/> No deficiencies identified	
Answer the following questions by selecting the appropriate box for Yes, No, or Not Applicable (N/A).	
7. Are the approved E&S and PCSM Plans including drawings available on-site? * Location of Plans: Project work has been completed.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8. Are pollutants are being stored, used and/or transported onto, on or from the project site? If Yes, has a PPC Plan been developed and is the plan being implemented? *	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
9. Is all earth disturbance within the permitted limit of disturbance? *	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
10. Is the approved construction sequence being followed? * Current Stage: Final as-built.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
11. Are areas intended for infiltration-based PCSM SCMs being protected from compaction? *	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
12. Do all discharges from the site consist solely of stormwater? *	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
13. Are stormwater discharges, if occurring during inspection, free of floating solids, foam, scum, sheen, or substances that result in observed deposits or produce an observable change in the color, taste, odor, or turbidity of the receiving water? * If No, contact DEP/CCD by phone immediately	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14. Are critical stages of implementation of the PCSM Plan occurring at the time of inspection? If Yes, is a licensed professional or designee present on-site to oversee critical stages? *	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
15. Has any fill material been imported to the site since the last inspection? If Yes, has environmental due diligence been conducted on the imported fill? *	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A

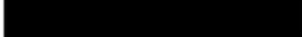
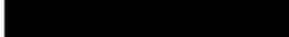
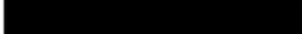
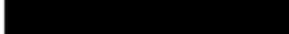
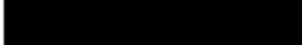
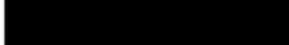
16. Have construction dewatering activities occurred since the last inspection? Yes No
If Yes, have discharges been treated by a series of at least two BMPs? * Yes No N/A

17. Explain all answers of "No" below or on a separate sheet for questions marked with asterisks (*).

18. Identify the names and addresses of all new operators that have commenced work on the project site since the last inspection was conducted (see 25 Pa. Code § 102.1 for the definition of "operator").

Name: _____	Name: _____
Address: _____	Address: _____
City, State, ZIP: _____	City, State, ZIP: _____

19. Identify the names and addresses of all operators that have ceased work on the project site since the last inspection was conducted.

Name: 	Name: 
Address: 	Address: 
City, State, ZIP: 	City, State, ZIP: 

20. **Corrective Action** – Describe any corrective actions that will be or have been taken by the permittee to comply with the permit and the date the corrective actions will be or have been completed.

21. Are additional pages attached to this report? Yes No

I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Jeff Weidemoyer

Inspector Signature

11/29/2024

Date of Signature

PHOTOGRAPHS



Walkway (facing NE)

(CAPTION)

10/07/2024
9:07 AM



Walkway (facing N)

(CAPTION)

10/07/2024
9:08 AM

PHOTOGRAPHS



Walkway (facing W)

(CAPTION)

10/07/2024
9:09 AM



Walkway (facing E)

(CAPTION)

10/07/2024
9:09 AM

PHOTOGRAPHS



Walkway (facing E)

(CAPTION)

10/07/2024
9:09 AM



Hoop structure (facing W)

(CAPTION)

11/29/2024
10:53 AM

PHOTOGRAPHS



Hoop structure (facing SW)

(CAPTION)

11/29/2024
10:53 AM



HUA to be stabilized (facing S)

(CAPTION)

11/29/2024
10:53 AM

PHOTOGRAPHS



Access road (facing E)

(CAPTION)

11/29/2024
10:53 AM



Rock lined channel (facing NE)

(CAPTION)

11/29/2024
10:54 AM

PHOTOGRAPHS



HUA / Access road (facing NE)

(CAPTION)

11/29/2024
10:55 AM



HUA (facing SE)

(CAPTION)

11/29/2024
10:55 AM

PHOTOGRAPHS



HUA (facing S)

(CAPTION)

11/29/2024
10:55 AM



HUA (facing SW)

(CAPTION)

11/29/2024
10:56 AM

PHOTOGRAPHS



HUA (facing S)

(CAPTION)

11/29/2024
10:56 AM



HUA (facing S)

(CAPTION)

11/29/2024
10:56 AM

PHOTOGRAPHS



Stabilized grade (facing SW)

(CAPTION)

11/29/2024
10:58 AM



Access road (facing W)

(CAPTION)

11/29/2024
10:58 AM

SAMP

LING

Soil and Manure Sampling

For nutrient planning, P-index scoring, and land application accuracy

- Grid or zone-based soil sampling by field
- Depth-specific soil collection for routine and no-till fields
- Manure sampling from liquid, semi-solid, or solid storages
- Composite and sub-sample protocol adherence
- Chain-of-custody and lab coordination
- Sample interpretation and integration into NMP/NBS

SOIL ANALYSIS

Client :		Report No: 16-230-0818
		Cust No:
		Date Printed: 08/18/2016
		Date Received : 08/17/2016
		PO:
		Page : 1 of 1

Lab Number : 02305

Field Id :

Sample Id : South

Test	Method	Results	SOIL TEST RATINGS					Calculated Cation Exchange Capacity
			Very Low	Low	Medium	Optimum	Very High	
Soil pH	1:1	8.3						21.5 meq/100g
Buffer pH								%Saturation
Phosphorus (P)	BI	6 ppm						%sat meq
Potassium (K)	AA	485 ppm						K 5.8 1.2
Calcium (Ca)	AA	3820 ppm						Ca 88.8 19.1
Magnesium (Mg)	AA	135 ppm						Mg 5.2 1.1
Sulfur (S)	M3	26 ppm						H 0.0 0.0
Boron (B)	M3	1.3 ppm						Na 0.4 0.1
Copper (Cu)	M3	2.2 ppm						
Iron (Fe)	M3	14 ppm						K/Mg Ratio: 1.09
Manganese (Mn)	M3	113 ppm						Ca/Mg Ratio: 17.08
Zinc (Zn)	M3	0.9 ppm						
Sodium (Na)	AA	18 ppm						
Organic Matter	LOI	2.2 % ENR 88						
Phosphorus (P)	M3	30 ppm						

SOIL FERTILITY GUIDELINES

Crop : Wheat

Yield Goal : 50 bu/acre

Rec Units:

LB/ACRE

(lbs)	LIME	(tons)	N	P ₂ O ₅	K ₂ O	Mg	S	B	Cu	Mn	Zn	Fe
0		0	84	81	0	0	0	0	0	0	2.2	
Crop : Warm Grass Hay			Yield Goal : 5			tons/acre			Rec Units:			LB/ACRE
0		0	221	96	0	0	0	0	0	0	2.2	

Comments :

Nitrate-nitrogen analysis will detect levels no lower than 2 ppm nitrate-nitrogen. Results that indicate undetected levels of nitrate-nitrogen will display 2 ppm or 4 lb/acre.

Wheat

- For small grains apply 20-40 lbs N/acre in the fall and the remainder as a top dressing before jointing.
- For high yields of small grains or for small grains on wet soils, a split application of spring N may be beneficial.
- When small grain is grazed, increase the N fertilization rate by 60 lbs N/Acre. Apply 1/2 in the fall and the rest in mid or late winter.
- On small grains apply recommended P and K before or at planting.
- Apply sulfur with topdress nitrogen on small grains.

Warm Grass Hay

- For grass hay apply 50 lbs. N/Acre for each ton of expected yield. The normal range is 200-500 lbs. N/Acre. Apply 75-100 lbs. N/Acre when spring growth begins and 75-100 lbs. N/Acre after each harvest.
- On light soils with high grass hay yields, soil test annually to maintain soil pH and nutrient level.
- For soils low in sulfur, apply 20-40 lbs of sulfur as a sulfate in the spring with the nitrogen.
- For grass hay or pasture needing high rates split the P and K application. Apply 1/2 in the spring and 1/2 in late summer.



2790 Whitten Road, Memphis, TN 38133
 Main 901.213.2400 ° Fax 901.213.2440
 www.waypointanalytical.com

LAND APPLICATION ANALYSIS

Client :	Grower :	Report No:	
		Cust No:	
		Date Printed:	
		Page :	
	PO :	Date Recd :	

Lab Number : XXXXXXXXXX Sample Id : XXXXXXXXXX

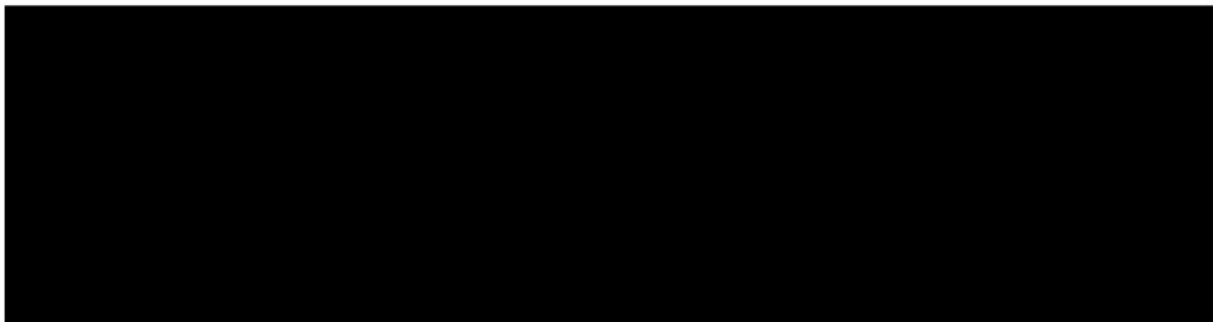
Test	Analysis		Pounds Per 1000 Gallons	
	As Received	Dry Basis	As Received	Dry Basis
Nitrogen, N %	0.230		19.6	
Ammoniacal-N				
Phosphorus, P %	0.030		5.87 P ₂ O ₅	
Potassium, K %	0.157		16.0 K ₂ O	
Sulfur, S %	0.016		1.36	
Magnesium, Mg %	0.035		2.98	
Calcium, Ca %	0.084		7.14	
Sodium, Na ppm	615		5.23	
Iron, Fe ppm	65.3		0.555	
Aluminum, Al ppm	52.9		0.449	
Manganese, Mn ppm	14.3		0.121	
Copper, Cu ppm	4.73		0.0402	
Zinc, Zn ppm	19.0		0.161	
Boron, B ppm	<25.0		<0.212	

Test	Result
Moisture %	98.4
Solid %	1.6

Additional Information	Result
Type	As Received

Additional Tests	Result
Digestion ,	Digested

Comments :





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LAND APPLICATION ANALYSIS

Client :	Grower :	Report No:	
		Cust No:	
		Date Printed:	
		Date Recd :	
	PO :	Page :	

Lab Number : XXXXXXXXXX Sample Id : XXXXXXXXXX

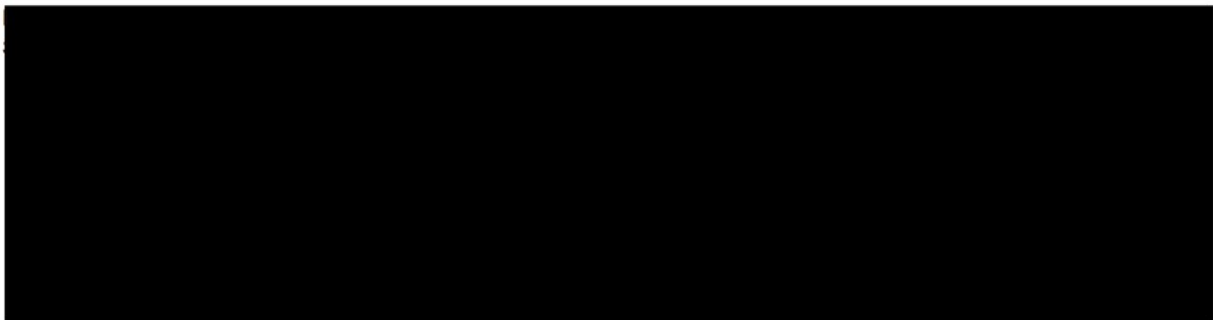
Test	Analysis		Pounds Per Ton	
	As Received	Dry Basis	As Received	Dry Basis
Nitrogen, N %	1.98	3.11	39.6	62.3
Ammoniacal-N				
Phosphorus, P %	1.67	2.63	76.8 P ₂ O ₅	121
Potassium, K %	1.79	2.81	43.0 K ₂ O	67.5
Sulfur, S %	0.851	1.34	17.0	26.8
Magnesium, Mg %	0.478	0.751	9.56	15.0
Calcium, Ca %	8.12	12.8	162	255
Sodium, Na ppm	5700	8960	11.4	17.9
Iron, Fe ppm	1450	2280	2.90	4.56
Aluminum, Al ppm	699	1100	1.40	2.20
Manganese, Mn ppm	631	992	1.26	1.98
Copper, Cu ppm	434	682	0.868	1.36
Zinc, Zn ppm	603	948	1.21	1.90
Boron, B ppm	<25.0	<39.3	<0.050	<0.078

Test	Result
Moisture %	36.4
Solid %	63.6

Additional Information	Result
Type	Dry Basis

Additional Tests	Result
Digestion ,	Digested

Comments :



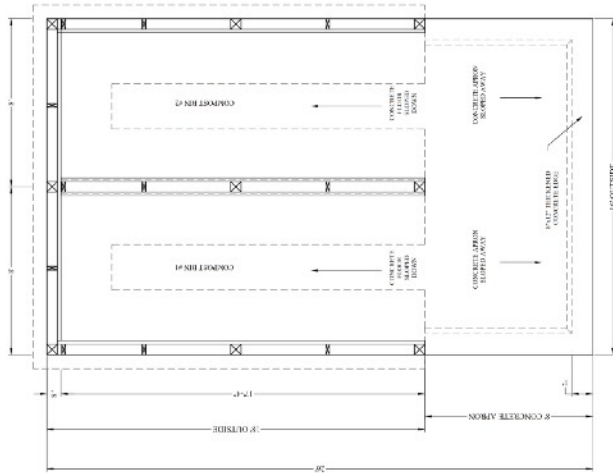
DES

IGN

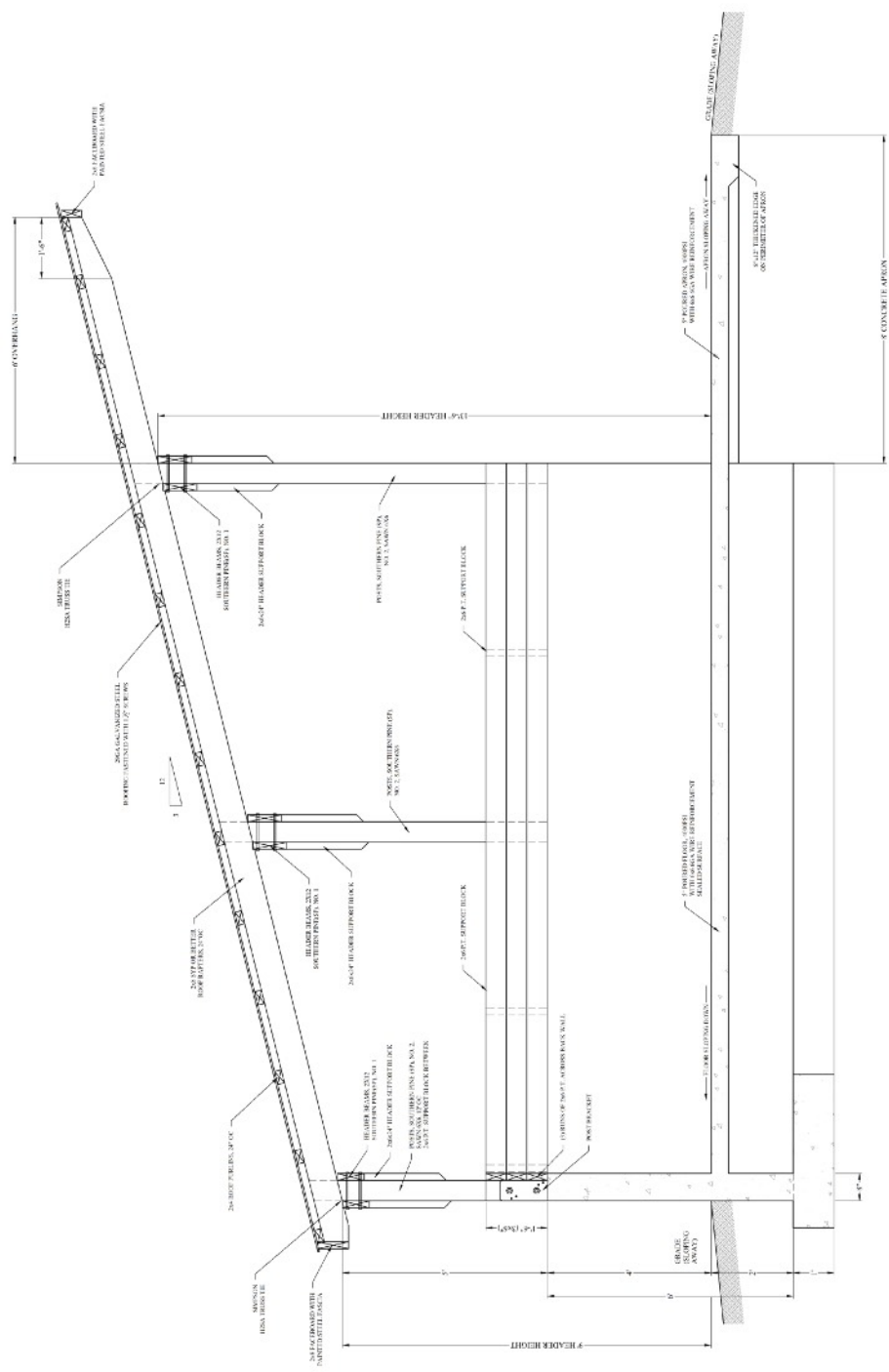
Agricultural Design Support

For conceptual layouts or feasibility analysis of new or expanded ag facilities

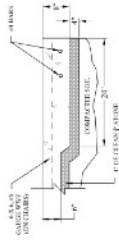
- Barn footprint siting based on slope, drainage, and setbacks
- Preliminary layout sketches for barns, pads, stacking areas, buffers
- Integration of stormwater flow paths and BMP siting
- Runoff and infiltration area estimates
- Conservation practice integration (e.g., buffers, waterways, diversions)
- Support documentation for engineers or technical service providers



FLOOR PLAN
SCALE: 1/4" = 1'-0"



ELEVATION VIEW
SCALE 3/4" = 1'-0"



END TREATMENT FOR SLAB
NOT TO SCALE



CONCRETE SLAB
NOT TO SCALE

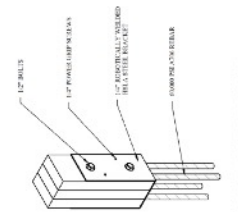


EXTERIOR CONCRETE SLAB
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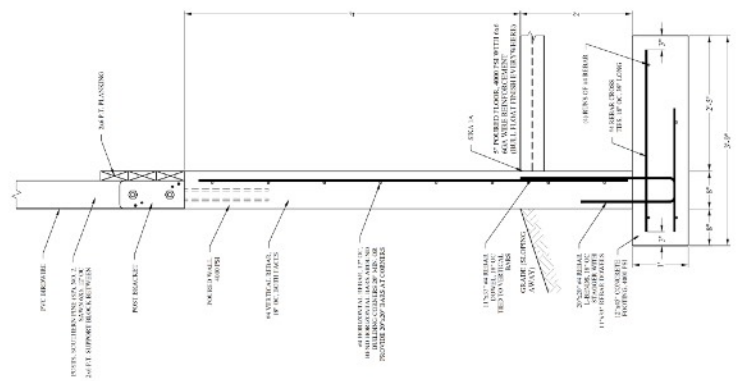


FLOOR CONTRACTION JOINT DETAIL
NOT TO SCALE

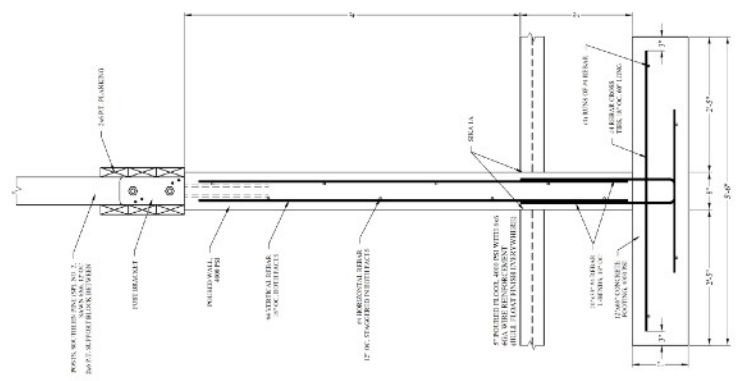
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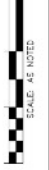
WALL BRACKET DETAIL
NOT TO SCALE



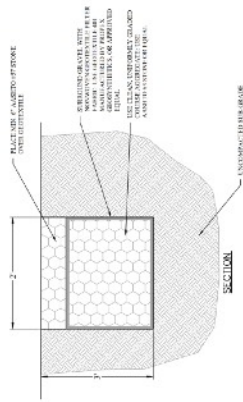
PERIMETER WALL
SCALE 1/4" = 1'-0"



DIVIDER WALL
SCALE 1/4" = 1'-0"



SCALE: 1/4" = 1'-0"



STONE TRENCH

NOT TO SCALE

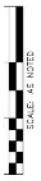


SECTION

- NOTES
1. BASE COURSE SHALL BE 100MM (4 INCH) THICK COMPACTED OR FORMED (SAND BEDDED) SAND
 2. STABILIZED HEAVY USE AREA SHALL BE 150MM (6 INCH) THICK
 3. EXISTING GRADE SHALL BE 100MM (4 INCH) THICK
 4. EXISTING GRADE SHALL BE 100MM (4 INCH) THICK

STABILIZED HEAVY USE AREA

NOT TO SCALE



SCALE: 1/4" = 1'-0"

NO.	DESCRIPTION	DATE
1	PREPARED BY: [Name]	10/15/2010
2	DESIGNED BY: [Name]	10/15/2010
3	CHECKED BY: [Name]	10/15/2010
4	APPROVED BY: [Name]	10/15/2010
5	DATE OF ISSUE: 10/15/2010	

NOTES:

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL PLUMBING CODE (IPC).
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE CALIFORNIA BUILDING CODE (CBC) AND THE CALIFORNIA PLUMBING CODE (CPC).
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE CALIFORNIA ELECTRICAL CODE (CEC) AND THE CALIFORNIA MECHANICAL CODE (CMC).
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE CALIFORNIA FIRE CODE (CFC) AND THE CALIFORNIA SAFETY CODE (CSC).
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE CALIFORNIA ENVIRONMENTAL CODE (CEC) AND THE CALIFORNIA WATER CODE (CWC).
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE CALIFORNIA LAND USE CODE (CLUC) AND THE CALIFORNIA ZONING CODE (CZC).
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE CALIFORNIA HEALTH CARE CODE (CHCC) AND THE CALIFORNIA HEALTH CARE REGULATIONS (CHCR).
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE CALIFORNIA LABOR CODE (CLC) AND THE CALIFORNIA LABOR REGULATIONS (CLR).
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE CALIFORNIA PROFESSIONAL ENGINEERING ACT (PEA) AND THE CALIFORNIA PROFESSIONAL ENGINEERING REGULATIONS (PER).
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE CALIFORNIA PROFESSIONAL ARCHITECTURE ACT (PAA) AND THE CALIFORNIA PROFESSIONAL ARCHITECTURE REGULATIONS (PAR).

SOIL LIMITATIONS AND RESOLUTIONS:

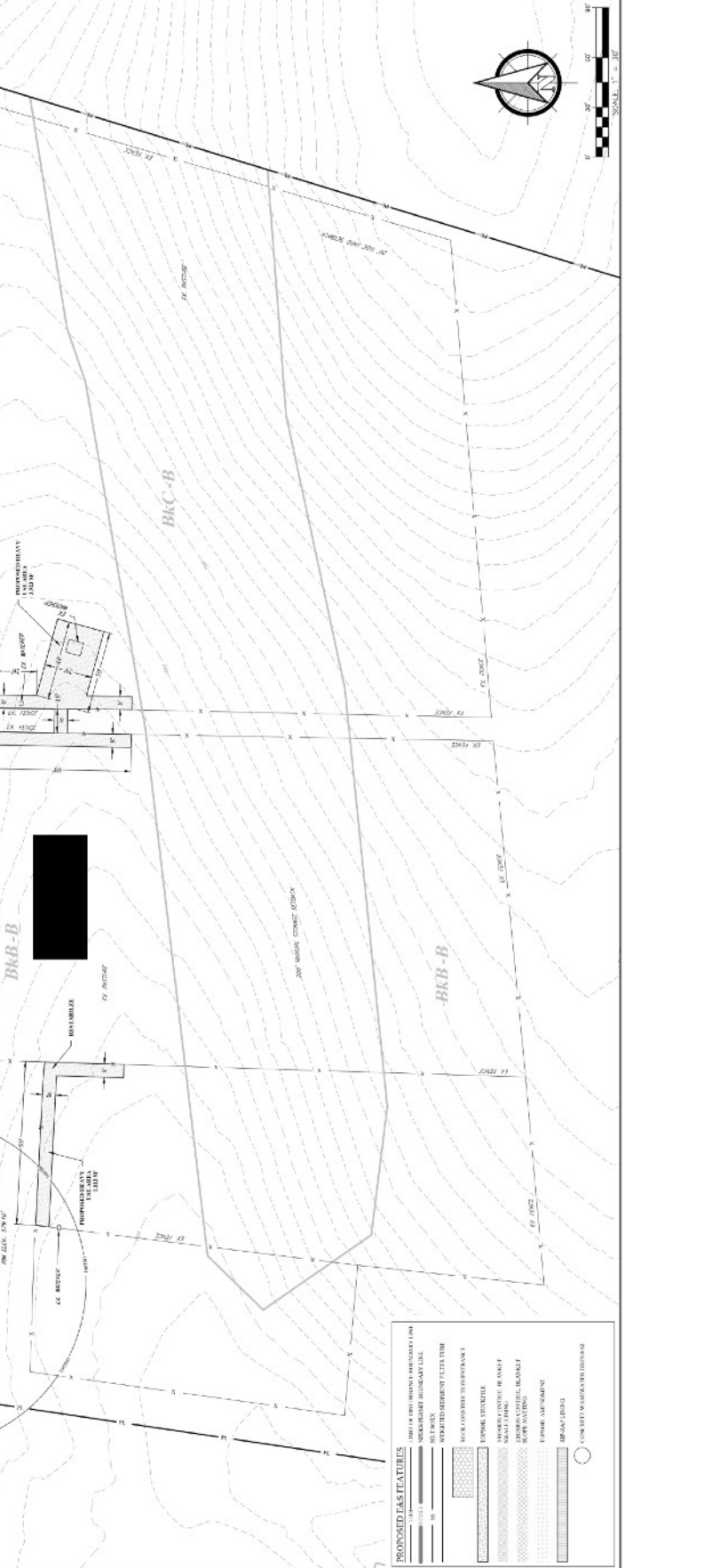
THE SOILS IN THIS AREA ARE CLASSIFIED AS [Soil Type]. THE SOILS ARE WEAKLY TO MODERATELY COMPRESSIBLE AND ARE SUSCEPTIBLE TO SETTLEMENT UNDER LOADS. THE DESIGNER HAS ASSUMED A SETTLEMENT OF [Settlement] UNDER THE DESIGN LOADS. THE DESIGNER HAS ASSUMED A BEARING CAPACITY OF [Bearing Capacity] PER SQUARE FOOT. THE DESIGNER HAS ASSUMED A FACTOR OF SAFETY OF [Factor of Safety]. THE DESIGNER HAS ASSUMED A [Other Assumption].

NOTES:

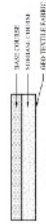
- IF A SHEET IS NOTED BEING CONSTRUCTION, A SHEET NUMBER SHALL BE PLACED IN THE TOP RIGHT CORNER OF THE SHEET.
- IF A SHEET IS NOTED BEING CONSTRUCTION, A SHEET NUMBER SHALL BE PLACED IN THE TOP RIGHT CORNER OF THE SHEET.
- IF A SHEET IS NOTED BEING CONSTRUCTION, A SHEET NUMBER SHALL BE PLACED IN THE TOP RIGHT CORNER OF THE SHEET.
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- IF A SHEET IS NOTED BEING CONSTRUCTION, A SHEET NUMBER SHALL BE PLACED IN THE TOP RIGHT CORNER OF THE SHEET.

PROPOSED FEATURES LEGEND	
[Symbol]	NEW CONSTRUCTION
[Symbol]	EXISTING CONSTRUCTION
[Symbol]	PROPOSED DRIVEWAY
[Symbol]	PROPOSED SIDEWALK
[Symbol]	PROPOSED PATIO
[Symbol]	PROPOSED PORCH
[Symbol]	PROPOSED DECK
[Symbol]	PROPOSED FENCE
[Symbol]	PROPOSED WALL
[Symbol]	PROPOSED CURB
[Symbol]	PROPOSED DRIVEWAY
[Symbol]	PROPOSED SIDEWALK
[Symbol]	PROPOSED PATIO
[Symbol]	PROPOSED PORCH
[Symbol]	PROPOSED DECK
[Symbol]	PROPOSED FENCE
[Symbol]	PROPOSED WALL
[Symbol]	PROPOSED CURB

EXISTING FEATURES LEGEND	
[Symbol]	EXISTING DRIVEWAY
[Symbol]	EXISTING SIDEWALK
[Symbol]	EXISTING PATIO
[Symbol]	EXISTING PORCH
[Symbol]	EXISTING DECK
[Symbol]	EXISTING FENCE
[Symbol]	EXISTING WALL
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[Symbol]	EXISTING SIDEWALK
[Symbol]	EXISTING PATIO
[Symbol]	EXISTING PORCH
[Symbol]	EXISTING DECK
[Symbol]	EXISTING FENCE
[Symbol]	EXISTING WALL
[Symbol]	EXISTING CURB



PROPOSED FEATURES	
[Symbol]	PROPOSED DRIVEWAY
[Symbol]	PROPOSED SIDEWALK
[Symbol]	PROPOSED PATIO
[Symbol]	PROPOSED PORCH
[Symbol]	PROPOSED DECK
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[Symbol]	PROPOSED SIDEWALK
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[Symbol]	PROPOSED CURB

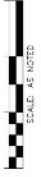


NOTES:

1. BASE COURSE SHALL BE WORK APPROVED MATERIAL CONSISTING OF FINESTES COMPACTED SANDHILL AND SHALL BE COMPACTED TO THE PROPER DENSITY WITH A VIBRATING ROLLER.
2. STABILIZED HEAVY USE AREA SHALL BE CONSTRUCTED TO THE PROPER DENSITY WITH A VIBRATING ROLLER.
3. STABILIZED HEAVY USE AREA SHALL BE CONSTRUCTED TO THE PROPER DENSITY WITH A VIBRATING ROLLER.

STABILIZED HEAVY USE AREA

INTD-02418



PRIC

ING

Pricing Overview

Standard rate: \$40/hour | Bundle Discounts Available

Pricing is based on time and complexity, with a 10% buffer built in to account for field variability, records coordination, or regulatory interpretation. Services may be bundled when overlapping scopes (e.g., MMP + Ag E&S) allow for shared efficiency.

Custom quotes available for design support, inspections, or multi-site planning.

2026-2028 Price Guide

Plan Type	Est. Hours	Est. Cost (@\$40/hr)
CAFO	60-90	\$2,400 - \$3,600
NMP	30-50	\$1,200 - \$2,000
OMP	20-35	\$800 - \$1,400
MMP	6-15	\$240 - \$600
Ag E&S	8-25	\$320 - \$1,000

CON

TACT

Contact

Good planning starts with good communication.

When you work with me, you can expect clear timelines, regular updates, and a collaborative approach that respects both your time and your land. I'm here to guide, not overwhelm — whether we're walking the field, drafting a plan, or working through agency review.

Whether you're starting a major project or just need a second opinion, I'm ready to support you with practical insight and responsive service.

Contact

Ready to align your operation with sound planning, practical compliance, and long-term land stewardship?

Let's talk:

Email: jeff@theagmanager.com

Phone: 272.879.0299

Closing Thoughts,

My goal with every plan, every site visit, and every conversation is to make the regulatory path clearer, the decisions smarter, and the outcomes more durable. Whether you're a family farm, a growing operation, or an integrator partner, I bring the same care and clarity to the process.

I look forward to working towards building a more resilient future for Pennsylvania agriculture.

— THE Ag MANager