

MARYLAND DEPARTMENT OF THE ENVIRONMENT
 Land and Materials Administration • Resource Management Program
 1800 Washington Boulevard • Suite 610 • Baltimore Maryland 21230-1719
 410-537-3314 • 800-633-6101 x3314 • www.mde.maryland.gov

NOTICE OF INTENT

General Discharge Permit for Animal Feeding Operations (AFOs) (19AF, MDG01)
 Land and Materials Administration – Resource Management Program
 Issued Pursuant to Title 9, Environment Article, *Annotated Code of Maryland*, and Code of
 Maryland Regulations (COMAR) 26.08.04

Submission of this Notice of Intent (NOI) constitutes notice that the person identified in this form intends to operate under a... comply with all terms and conditions of the State/NPDES General Discharge Permit for AFOs (AFO Permit). The discharge of animal waste, including manure, poultry litter, and process wastewater to waters of the State is prohibited unless an AFO has been registered under the AFO Permit by the Maryland Department of the Environment ("MDE"). A person shall hold a CAF discharge permit issued by MDE before beginning construction on any part of a new CAFO.

Please submit this completed NOI Form to the following address:

Maryland Department of the Environment
 Land and Materials Administration/AFO Division
 1800 Washington Boulevard, Suite 610
 Baltimore, Maryland 21230-1719



Recvd. 8/18/20

General Information

AI Number: 67209

1. LEGAL Name of Applicant (must match name on required plan):
Jason Lambertson

2. AFO Type (circle one): CAFO / MAFO

3. Applying for (check one):
 New Coverage see column 'A' in Question 4
 Continuation of Coverage (renewal) see column 'B' in Question 4
 Modification of 19AF Coverage see column 'C' in Question 4

4. Reason for NOI (please fill out corresponding column):

A. New Coverage	B. Continuation of Coverage (renewal)	C. Modification of 19AF Coverage
<input type="checkbox"/> New owner/operator <input type="checkbox"/> Proposed operation (NO construction may begin until permit coverage is obtained) • Date of anticipated start of AFO operation: _____	<input checked="" type="checkbox"/> No changes in operation <input type="checkbox"/> There has been a change in one or more of the following (please indicate): ○ Size or number of houses ○ Animal number, resulting in change of size category ○ CAFO to MAFO, MAFO to CAFO ○ No-Land to Land, Land to No-Land ○ Conventional operation to organic	<input type="checkbox"/> Expanding <input type="checkbox"/> Change in animal number, resulting in change of size category <input type="checkbox"/> Change from CAFO to MAFO <input type="checkbox"/> Change from MAFO to CAFO <input type="checkbox"/> Change from no-land to land <input type="checkbox"/> Change from land to no-land <input type="checkbox"/> Change from conventional to organic operation

3-7A

RECEIVED
MAY 10 1964
U.S. AIR FORCE
HEADQUARTERS
WASHINGTON, D.C.



10

5. Mailing Address of Applicant: 1536 Buck Harbor Rd.
City: Pocomoke City State: MD Zip Code: 21851

6. Telephone Number(s) of Applicant: (Home) _____
(Cell) 4 _____

7. Email of Applicant: _____

Please attach a topographic map including the production area as well as the land application area (if applicable)

8. Farm Name: Same as Legal Name Amen Corner
 Other (please specify): _____

9. Farm Address: 2018 Boston Rd
City: Pocomoke City County: Worcester Zip Code: 21851

10. Watershed/Hydrologic Unit Code (HUC) (12-digit): 021302020202

11. Latitude/Longitude of Production Area (Deg/Min/Sec): 38-34.651 -175-30.12-33

12. Animal Information:

A. Animal Type(s) (from HUC size chart)	B. Maximum Number of Animals at any given time (For poultry, please indicate bird type and number per flock)	C. Operation Size (consult HUC size chart)	D. Animal Confinement Type (e.g. house, stall, barn, milking parlor, open)
Chickens - dry	Pullets 53,333	Medium	House

*For poultry only (13-16):

13. *Number of poultry houses: 4

14. *Combined square footage of all poultry houses: 90,000

15. *Date(s) poultry houses constructed: 2010

16. *Integrator (check one):

- Allen-Harim
- Amick
- Coleman
- Other (please specify): _____
- Mountaire
- Perdue
- Tyson

Contact Information: Melodie Weinraut
Phone No.: 757-824-3471
Address: 11224 Lankford Hwy
Temperanceville, VA
23142

5. Mailing Address of Applicant: 1536 Buck Harbor Rd.
 City: Pocomoke City State: MD Zip Code: 21851

6. Telephone Number(s) of Applicant: (Home) _____
 (Cell) _____

7. Email of Applicant: _____

Please attach a topographic map including the production area as well as the land application area (if applicable)

8. Farm Name: Same as Legal Name Diane Lambertson
 Other (please specify): _____

9. Farm Address: 1750 Boston Rd
 City: Pocomoke City County: Worcester Zip Code: 21851

10. Watershed/Hydrologic Unit Code (HUC) (12-digit): 021302020202

11. Latitude/Longitude of Production Area (Deg/Min/Sec): 38-3'24.24 175-30'16.24

12. Animal Information:

A. Animal Type(s) <small>(on list @ see chart)</small>	B. Maximum Number of Animals at any given time <small>(For poultry, please indicate bird type and number per flock)</small>	C. Operation Size <small>(consult HUC size chart)</small>	D. Animal Confinement Type <small>(e.g. house, floor barn, milking parlor, pen)</small>
Chickens - dry	Broilers - 39,000 pullets 5,000	Medium	House

*For poultry only (13-16):

13. *Number of poultry houses: 3

14. *Combined square footage of all poultry houses: 53,750

15. *Date(s) poultry houses constructed: 3 built 1970, 1 built 1978

16. *Integrator (check one):
 Allen-Harim Mountaire
 Amick Perdue
 Coleman Tyson
 Other (please specify): _____

Contact Information: Melodie Weikraw
 Phone No.: 757-824-3471
 Address: 11224 Lankford Hwy
Temperanceville, VA
23442

5. Mailing Address of Applicant: 1536 BUCK Harbor Rd.
City: Pocomoke City State: MD Zip Code: 21851

6. Telephone Number(s) of Applicant: (Home) _____
(Cell) _____

7. Email of Applicant _____

Please attach a topographic map including the production area as well as the land application area (if applicable)

8. Farm Name: Same as Legal Name Millennium Farm
 Other (please specify): _____

9. Farm Address: Boston Rd
City: Pocomoke City County: Worcester Zip Code: 21851

10. Watershed/Hydrologic Unit Code (HUC) (12-digit): 021302020202

11. Latitude/Longitude of Production Area (Deg/Min/Sec): 38-34-28 175-30-19-52

12. Animal Information:

A. Animal Type(s) (from AFO size chart)	B. Maximum Number of Animals at any given time (For poultry, please indicate bird type and number per flock)	C. Operation Size (consult AFO size chart)	D. Animal Confinement Type (e.g. horse stall or barn, milking parlor, pen)
Chickens dry	Pullets 53,333	Medium	House

*For poultry only (13-16):

13. *Number of poultry houses: 4

14. *Combined square footage of all poultry houses: 90,000

15. *Date(s) poultry houses constructed: 2000

16. *Integrator (check one):
 Allen-Harim Mountaire
 Amick Perdue
 Coleman Tyson
 Other (please specify): _____

Contact Information: Melodie Weinraub
Phone No.: 757-824-3471
Address: 11224 Lankford Hwy
Temperanceville, VA
23442

5. Mailing Address of Applicant: 1536 Buck Harbor Rd.
City: Pocomoke City State: MD Zip Code: 21851

6. Telephone Number(s) of Applicant: (Home) _____
(Cell) _____

7. Email of Applicant: _____

Please attach a topographic map including the production area as well as the land application area (if applicable)

8. Farm Name: Same as Legal Name Pure Country Farm
 Other (please specify): _____

9. Farm Address: 2018 Boston Rd
City: Pocomoke City County: Worcester Zip Code: 21851

10. Watershed/Hydrologic Unit Code (HUC) (12-digit): 021302020202

11. Latitude/Longitude of Production Area (Deg/Min/Sec): 38-34'-51" N 175-31'-12" W

12. Animal Information:

A. Animal Type(s) <small>(from HUC size chart)</small>	B. Maximum Number of Animals at any given time <small>(For poultry please indicate bird type and number per flock)</small>	C. Operation Size <small>(consult HUC size chart)</small>	D. Animal Confinement Type <small>(e.g. house, cellar, barn, milk parlor, pen)</small>
Chickens - dry	Broilers 148,000	Large	House

*For poultry only (13-16):

13. *Number of poultry houses: 4

14. *Combined square footage of all poultry houses: 134,000

15. *Date(s) poultry houses constructed: 2016

16. *Integrator (check one):
 Allen-Harim Mountaire
 Amick Perdue
 Coleman Tyson
 Other (please specify): _____

Contact Information: Melodie Weirhaut
Phone No.: 757-824-3471
Address: 16224 Lanford Hwy
Temperanceville, VA
23442

5. Mailing Address of Applicant: 1536 BUCK Harbor Rd.
 City: Pocomoke City State: MD Zip Code: 21851

6. Telephone Number(s) of Applicant: (Home) _____
 (Cell) _____

7. Email of Applicant: _____

Please attach a topographic map including the production area as well as the land application area (if applicable)

8. Farm Name: Same as Legal Name Raven Farm
 Other (please specify): _____

9. Farm Address: Boston Rd
 City: Pocomoke City County: Worcester Zip Code: 21851

10. Watershed/Hydrologic Unit Code (HUC) (12-digit): 021302020202

11. Latitude/Longitude of Production Area (Deg/Min/Sec): 38-34-28.175-75-30-19.52

12. Animal Information:

A. Animal Type(s) <small>(From NLR or other)</small>	B. Maximum Number of Animals at any given time <small>(For poultry please indicate bird type and number per flock)</small>	C. Operation Size <small>(From NLR or other)</small>	D. Animal Confinement Type <small>(House, cage, collar barn, millions per pen)</small>
Chickens-dry	Pullets 53,333	Medium	House

*For poultry only (13-16):

13. *Number of poultry houses: 4

14. *Combined square footage of all poultry houses: 90,000

15. *Date(s) poultry houses constructed: 2010

16. *Integrator (check one):
 Allen-Harim Mountaire
 Amick Perdue
 Coleman Tyson
 Other (please specify): _____

Contact Information: Melodie Weinraub
 Phone No.: 757-824-3411
 Address: 11224 Lankford Hwy
Temperanceville, VA
23442

Manure/Mortality Management

17. Total Manure/Litter/Wastewater generated annually: 3390 circle one: (tons) / lbs / gallons

18. Total Manure/Litter/Wastewater transported offsite annually: 3390 circle one: (tons) / lbs / gallons

Poultry litter is windrowed so amount removed would be much less than generated.

19. **Total number of acres controlled by applicant available for land application of manure/litter/process wastewater: Owned: _____ Leased: _____

**40 CFR Parts 122.23(b)(3) and 412.2(e) define "land application area" as all land under the control of the AFO owner/operator, whether by ownership, lease, or agreement, to which manure, litter or process wastewater is or may be applied.

20. Manure Storage (please list individually):

A. Type (e.g. shed, lagoon, pit)	B. Capacity (ft ³ , gal)	C. Solid/Liquid
Shed (Millennium)	28,160 ft ³	Solid
Shed (Raven)	37,120 ft ³	Solid
Shed (Amen Corner)	38,400 ft ³	Solid
Shed (Pure Country)	75,200 ft ³	Solid
Shed (Diane Lambertson)	20,480 ft ³	Solid

21. Mortality Management Method:

- Compost Incinerate
 Freeze Other (please specify): _____
 Render

CAFOs Only - Fees

Once a completed NOI is received by MDE and processed, MDE will invoice the applicant for any permit fees owed pursuant to COMAR 26.08.04.09-1.

Required Plan

CAFO permit application requirements at 40 CFR §122.21(i)(1)(c) specify that applications for coverage (including NOIs) must include nutrient management plans (NMPs) that at a minimum satisfy the requirements specified in 40 §122.42(e). Comprehensive Nutrient Management Plans (CNMPs), as defined in the General Discharge Permit for Animal Feeding Operations (AFOs) (19AF, MDG01), satisfy these requirements. An application will not be processed until a completed NOI form and a current CNMP are received. A CNMP must be developed by a certified and licensed plan writer, and in addition to the federal requirements, must satisfy the nutrient management requirements in COMAR 15.20.07 and 15.20.08.

By signing this form, I the applicant or duly authorized representative, do solemnly affirm under the penalties of perjury that the contents of this application are true to the best of my knowledge, information, and belief. I hereby authorize the representatives of MDE to have access to the AFO and associated lots/facilities (farms) for inspection and to records relating to this application at any reasonable time. I acknowledge that depending on the type of permit applied for, other permits or approvals may be required. The personal information requested on this form is intended to be used in processing your NOI. This Notice is provided pursuant to Title 4 of the General Provisions Article, Annotated Code of Maryland. Your NOI may not be processed if you fail to provide all requested information. You have the right to inspect, amend, or correct this form. MDE is a public agency and subject to the Maryland Public Information Act (Md. Code Ann., Gen. Prov. §§ 4-101, et seq.). This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not otherwise protected by federal or State law.

[Signature]
Signature of Applicant / duly authorized representative

8-13-20
Date

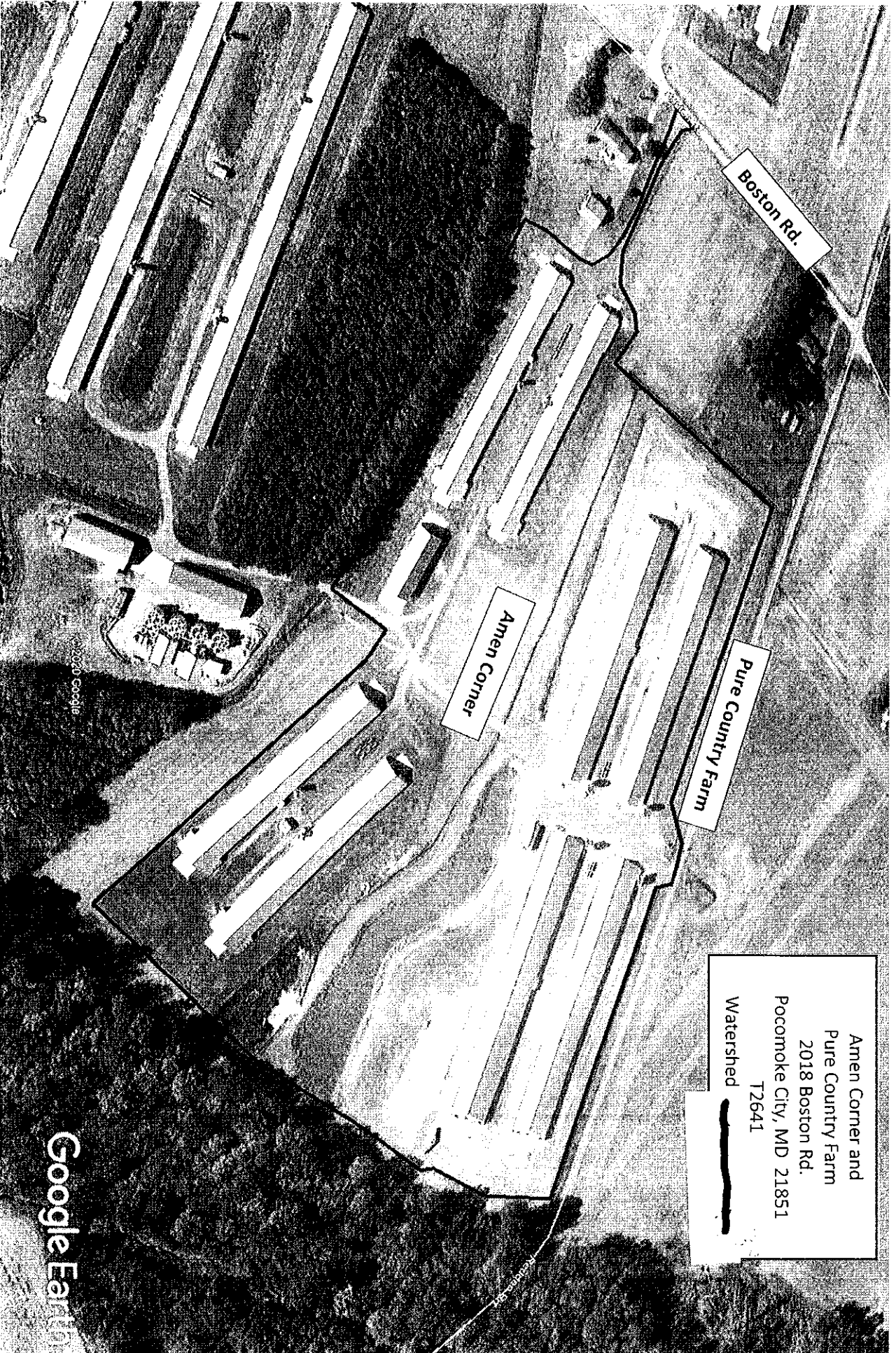
JASON LAMBERTSON
Printed Name of Applicant / duly authorized representative

MEMBER
Title

AFO Size Chart

Animal Type	Circumstances under which Animal Feeding Operations Require Permit Coverage		
	CAFO or MAFO Registration Required	CAFO/MAFO Registration Required under Certain Circumstances	Registration Needed Only if Designated
	Large	Medium	Small
Cattle (includes heifers)	1000 or more animals	300—999 animals	less than 300 animals
Dairy cattle	700 or more animals	200—699 animals	less than 200 animals
Horses	500 or more animals	150—499 animals	less than 150 animals
Veal	1000 or more animals	300—999 animals	less than 300 animals
Swine > 55 pounds	2500 or more animals	750—2499 animals	less than 750 animals
Swine < 55 pounds	10,000 or more animals	3,000—9,999 animals	less than 3,000 animals
Sheep and lambs	10,000 or more animals	3,000—9,999 animals	less than 3,000 animals
Ducks with liquid manure handling	5,000 or more animals	1,500—4,999 animals	less than 1,500 animals
Chickens with liquid manure handling	30,000 or more animals	9,000—29,999 animals	less than 9,000 animals
Ducks with dry manure handling	30,000 or more animals	10,000—29,999 animals	less than 10,000 animals
Laying hens with dry manure handling	82,000 or more animals	25,000—81,999 animals	less than 25,000 animals
Chickens (other than laying hens) with dry manure handling	125,000 or more animals or greater than or equal to total house size of 100,000 ft ²	37,500—124,999 animals and less than total house size of 100,000 ft ²	less than 37,500 animals
Turkeys	55,000 or more animals	16,500—54,999 animals	less than 16,500 animals

+A separate discharge permit is required for large category duck CAFOs



Boston Rd.

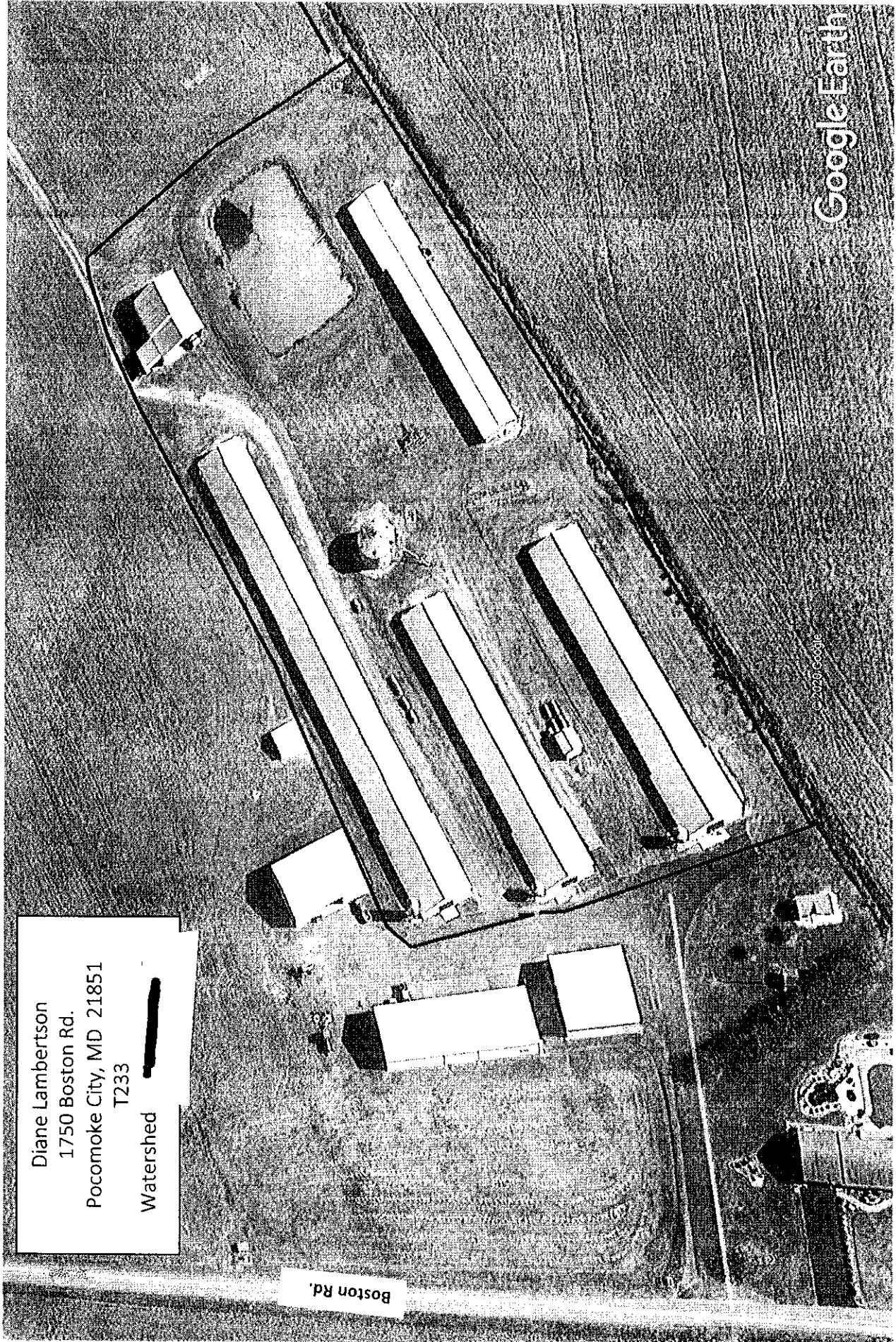
Amen Corner

Pure Country Farm

Amen Corner and
Pure Country Farm
2018 Boston Rd.
Pocomoke City, MD 21851
T2641
Watershed

Diane Lambertson
1750 Boston Rd.
Pocomoke City, MD 21851
T233 [REDACTED]
Watershed

Boston Rd.



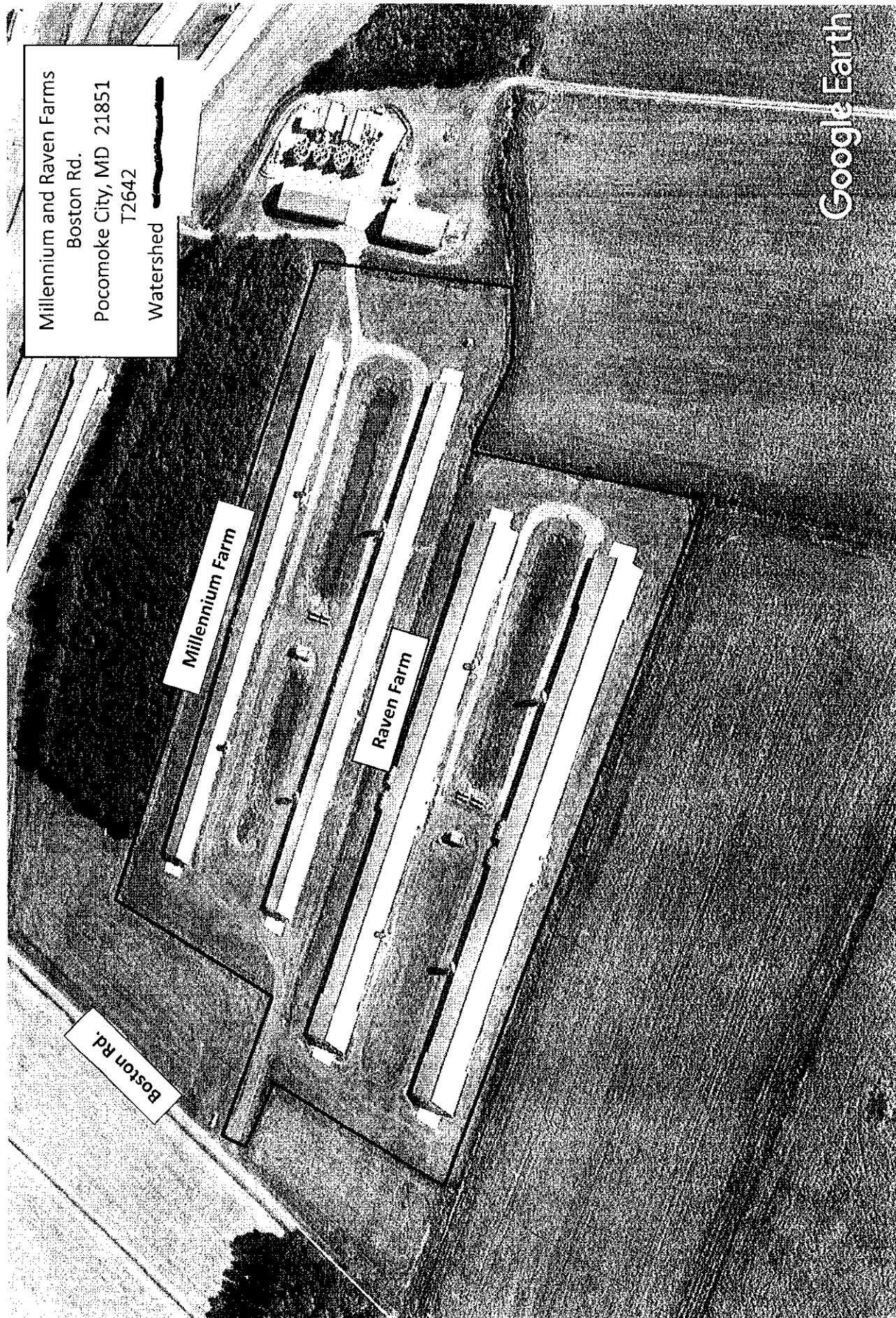
Millennium and Raven Farms
Boston Rd.
Pocomoke City, MD 21851
T2642
Watershed

Millennium Farm

Raven Farm

Boston Rd.

Google Earth





CNMP WEB TOOL

Version 4.0

COMPREHENSIVE NUTRIENT MANAGEMENT PLAN

**Pure Country/Amen Corner/Millennium/Raven/Diane
Lambertson
Jason Lambertson
Boston Road
Pocomoke City, Maryland 21851**

PREPARED IN COOPERATION WITH THE



**U.S. Department of Agriculture
Natural Resources Conservation Service**

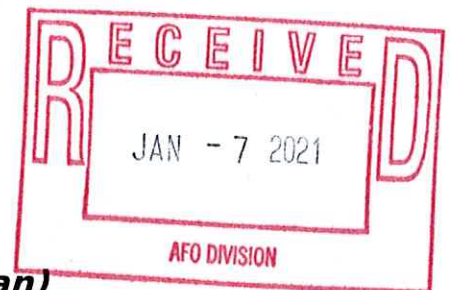
AND THE

**Worcester Soil Conservation District
304 Commerce Street
Snow Hill, MD 21863**

Prepared by: Chelsea Tyson

Plan Date: October 2020

Poultry Operation (No Land Plan)



Concentrated Animal Feeding Operation (CAFO)
Agency Interest # 67209

COMPREHENSIVE NUTRIENT MANAGEMENT PLAN

FOR

**Pure Country/Amen Corner/Millennium/Raven/Diane
Lambertson
Jason Lambertson**

PREPARED BY THE

**Worcester Soil Conservation District
304 Commerce Street
Snow Hill, MD 21863**

Plan Date:
October 2020



SECTION 1: CNMP Purpose and Agreement

The Comprehensive Nutrient Management Plan (CNMP) is an important part of the conservation management system (CMS) for your Animal Feeding Operation (AFO). This CNMP documents the planning decisions and operation and maintenance for the AFO.

This CNMP is valid as long as there are no major changes to the operation. A plan revision will be needed when the numbers of animals deviates by 10% from the planned amount or when the operation changes from one type of livestock to another. Annual revisions will be necessary for the nutrient management system in order to account for crop changes and soil sample result changes.


This CNMP was developed paying special attention to the USEPA's required nine minimum practices for water quality protection. This plan when implemented by Jason Lambertson will ensure clean runoff is diverted from manure storage and production areas and livestock are prevented from making direct contact with waters.

Owner/Operator

As the owner/operator of this CNMP, I, as the decision-maker, I have been involved in the planning process and agree that the items/practices listed in each element of the CNMP are needed. I understand that I am responsible for keeping all necessary records associated with the implementation of this CNMP. It is my intent to implement/accomplish this CNMP in a timely manner as described in the plan.



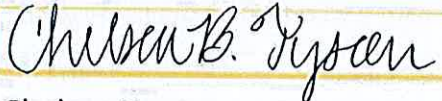
Jason Lambertson




Date

Certified Comprehensive Nutrient Management Plan (CNMP) Planner

As an approved Comprehensive Nutrient Management Plan (CNMP) Planner, I certify that I have reviewed the Comprehensive Nutrient Management Plan and that the elements of the documents are technically compatible, reasonable and can be implemented.



Chelsea Tyson



Date

NRCS Planner Certification # 232

Nutrient Management Certification # 4314

SECTION 2: Farmstead (Production Area)

This element addresses the components and activities associated with the production facility, feedlot or animal loafing facilities, manure and wastewater storage and treatment structures and areas, animal mortality facilities, feed and other raw material storage areas, and any areas used to facilitate transfer of manure and wastewater.

Farm Locations

Farm Name	Tax Account ID	Farm #	Tract #	Account ID Acres	Watershed
Diane Lambertson Revocable Trust	[REDACTED]	1046	233	29.002	02-13-02-02-0631
Millennium Farm Partnership	[REDACTED]	2966	2642	48.58	02-13-02-02-0631
Amen Corner LLC	[REDACTED]	2965	2641	33.39	02-13-02-02-0631

Description of Operation / Additional Information

This fifteen poultry house, c. 346,999 capacity, large size, NO-Land, CAFO poultry farm is currently owned by Amen Corner, LLC./Diane Lambertson Revocable Trust/Millennium Farm Partnership c/o M. Wayne Lambertson and operated by Jason Lambertson. The approximately 59.5 acre cropland portions of this property are controlled and/or managed by Twin Oak Farms, Inc. of 1750 Boston Road, Pocomoke City, Maryland 21851. All poultry manure generated is exported to Twin Oak Farms, Inc. of 1750 Boston Road, Pocomoke City, Maryland 21851. The combined production area of this farm operation is approximately 48.4 acres. The remaining approximately 1.9 acres is forest.

Sensitive Environmental Information

Name of nearest regulatory waterbody	Distance to nearest regulatory waterbody (ft.)	Distance to nearest regulatory wetland (ft.)
Redden Creek	433	303

Account ID	12 Digit Watershed	Watershed Name	Tier II High Quality Waters Watershed	Impairments			
				Nitrogen	Phosphorus	Bacteria (e.coli, enterococci or fecal)	Sediment
[REDACTED]	02-13-02-02-0631	LOWER EASTERN SHORE	No	No	Yes	Yes	Yes
[REDACTED]	02-13-02-02-0631	LOWER EASTERN SHORE	No	No	Yes	Yes	Yes
[REDACTED]	02-13-02-02-0631	LOWER EASTERN SHORE	No	No	Yes	Yes	Yes

Animal Production

Poultry

Bird Type	Average Bird Weight (lbs)	Number of Houses	Total Number of Birds (All Houses)	Number of Flocks per year	Manure Generated/Produced (tons/year)*	Manure Available for Utilization/Removed (tons/year)**
Broiler	6.5	4 (Pure Country)	148,000	5	986	Varies - see NMP
Broiler	6.5	3 (Diane Farm)	39,000	5	260	Varies - see NMP
Broiler	5.75	2 (Millennium Farm)	53,333	2	715	Varies - see NMP
Broiler	5.75	4 (Amen Farm)	53,333	2	715	Varies - see NMP
Broiler	5.75	2 (Raven Farm)	53,333	2	715	Varies - see NMP

* See poultry litter quantity estimation sheets in the "Nutrient Management" section of this plan.

Operators must keep records of the actual:

1. Quantity estimate of litter removed from production and/or storage facility; and
2. Date of removal of litter from production and/or storage facility.

Manure Collection

All manure is windrowed in the poultry houses by machine between each flock. Crust outs are completed at Diane and Pure Country once a year on an as needed basis. Total Cleanouts are done at varying times. The last total cleanout for Amen Corner was in 2014, in 2016 for Diane and Millennium farms, and at Pure Country and Raven farms in 2019. Next total cleanout expected in 2021 for all houses. Any manure collected from the operation is stored in the manure sheds until taken by the receiving farmer. Some manure is used in the composting units and removed when utilized by the receiving farmer or broker.

Manure Storage

All poultry manure will either remain in the poultry house or will be stored in the designated storage facility. A minor amount of manure will be used in the animal mortality facility to facilitate the composting process.

Current / Proposed Manure Storage Conditions

Animal Type	Storage Structure	Size of Storage Structure	Storage Capacity	Date Constructed
Poultry	PWSS (Diane)	40'x60'	12,000 CF	1988
Poultry	PWSS (Pure Country)	40'x184'	36,800 CF	2017
Poultry	PWSS (Amen Corner)	40'x124'	24,800 CF	1988/2011
Poultry	PWSS (Millennium)	40'x116'	23,200 CF	2011
Poultry	PWSS (Raven)	40'x88'	17,600 CF	2000

(Expansion)

IMPORTANT! Manure should not be stockpiled or staged anywhere in the production area other than permanent manure storage structure for any length of time.

Transfer Information

Animal Type	Name	Address
Poultry	Twin Oak Farms	1750 Boston Road, Pocomoke, Maryland 21851

Animal Mortality Disposal

Animals die because of disease, injury, or other causes in any confined livestock operation. The mortality rate is generally highest for newborn animals because of their vulnerability.

Catastrophic mortality can occur if an epidemic infects and destroys a large portion of the herd or flock in a short time, or if a natural disaster, such as a flood or excessive heat strikes. There are also incidences when an entire herd or flock must be destroyed to protect human health or other farms in the area.

Methods for managing mortality include:

1. Rendering
2. Composting
3. Incineration*
4. Sanitary landfills
5. Burial**
6. Disposal pits**

* Incineration may only be used with proper equipment and permits must be obtained by the producer.

** Burial and Disposal pits should only be considered for catastrophic mortality if all other methods are not possible. Jason Lambertson will follow local and state guidance if it is determined that burial is an acceptable means of disposal.

Typical Mortality Management

Current Normal Mortality Disposal Method(s)

Animal Type	Disposal Method	Number of Bins/Capacity	Location of Disposal/Facility
Poultry	Composting - Bins/Channels	2 bin	Attached to PWSS (Diane)
Poultry	Composting - Bins/Channels	24' channel	Attached to PWSS (Pure Country)
Poultry	Composting - Bins/Channels	2 bin	Attached to PWSS (Raven/Millennium)

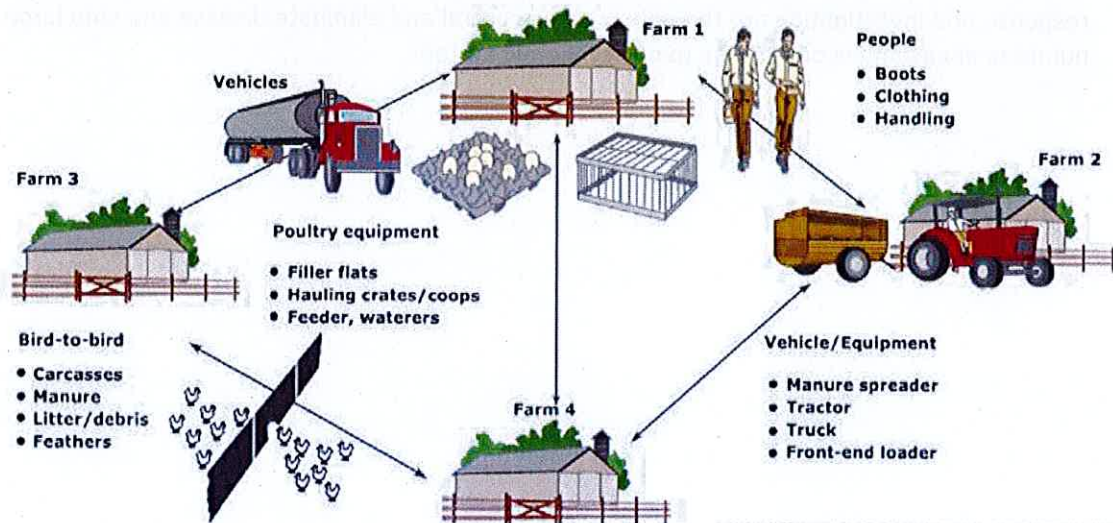
Catastrophic Mortality Management

In the event of catastrophic mortality, the operator will contact the integrator and follow an "in house" or "in PWSS" windrow method of composting as outlined in UMD-Ext fact sheets #723 and #801. For guidance on mortality disposal methods procedure, see the Animal Mortality Disposal subtitle of this section.

Biosecurity

Biosecurity means doing everything possible to protect the health of livestock by preventing the transmission of disease. An outbreak of animal disease could not only harm your livestock, it could affect other nearby animals and quickly spread through your area. The economic consequences of a disease outbreak could be devastating. Taking common sense precautions to prevent disease from coming onto your farm is the best investment you can make.

How Diseases Spread (Example - Poultry Operation)



Steps to Take to Avoid Disease Spread

To reduce the risk of introducing disease entering into an animal feeding operation, maintain a

biosecurity barrier (physical barrier, personal hygiene, and equipment sanitation) between wildlife, animals, animal containment areas, and other commercial facilities. Some examples of good biosecurity practices include:

1. Permit only essential workers and vehicles on the premises.
2. Give germs the boot
 - a. Keep a pair of shoes or boots to wear only around your animals.
 - b. Clean and disinfect your shoes often.
 - c. Always ask visitors and employees to clean their boots and shoes.
3. Don't haul home disease
 - a. Always clean and disinfect vehicles used for moving animals.
 - b. Limit traffic of incoming people, products and vehicles that could bring in a disease.
 - c. Clean and disinfect all equipment that comes in contact with your animals.
4. Keep your farm secure
 - a. Restrict access to your property and animals.
 - b. Keep doors and gates locked.
 - c. Have tracking records on animals.
 - d. Give germs space - Newly acquired animals should be isolated for at least two weeks to ensure you don't introduce disease to your main herd or flock. As an added protection, isolate and quarantine new animals for 30 days before putting them with your other animals. Keep show animals segregated for at least two weeks after they've been to a fair or exhibit.
5. Look for signs
 - a. Unusual animal health symptoms or behavior
 - b. Sudden, unexplained death loss in the herd or flock
 - c. Severe illness affecting a high percentage of animals
 - d. Blisters around an animal's mouth, nose, teats or hooves
 - e. Staggering, falling or central nervous system disorders that prevent animals from rising or walking normally.
 - f. Large number of dead insects, rodents or wildlife
6. Don't wait - call in signs of disease immediately. Do not self-diagnose. Seek veterinary services, as early detection is your best protection. If you have animals with signs of suspect disease, call your local veterinarian, UMD extension agent () or the state veterinarian. Rapid response and investigation are the only ways to control and eliminate disease and stop large numbers of casualties or damage to our economic system.

Farm Contact Information

The following tables contain important contact information specific to this CNMP for Jason Lambertson.

Emergency Contact Information

Farm Name	Pure Country/Amen Corner/Millennium/Raven/Diane Lambertson
Farm Address	Boston Road, Pocomoke City, Maryland 21851
Directions to the farm	From the intersection of Route 13 and Stockton Road in Pocomoke head Northeast on Stockton Road towards Stockton. Turn right on Boston Road in approximately 2.6 miles. In less than a half a mile Pure Country and Amen Corner are on your left. Raven, Millennium, and Diane Farms are neighboring. All along the left side of Boston Road.

Farm Contacts

	Name	Farm Phone	Cell Phone
Farm Owner	Amen Corner, LLC. / Diane Lambertson Revocable Trust / Millenium Farm Partnership		
Farm Operator	Jason Lambertson		
Fire or Ambulance		911	

State Agency Contacts

	Phone	Emergency
Natural Resources Conservation Service	410-757-0861	410-757-0861
MDA Nutrient Management	410-841-5959	1-800-492-5590
Maryland Department of the Environment	1-800-633-6101	1-866-633-4686
USDA Veterinary Services State Veterinarian	1-866-536-7593	301-854-5699

Worcester County Agency Contacts

	Day Phone	Emergency Number
MDA Regional Nutrient Management (Region)	410-632-5439	410-632-5439
Health Department		
Sherriff's Office		
University of Maryland Extension Office (Snow Hill)	410-632-5439	410-632-5439

Integrator Information

Name	Address	Phone
Tyson Foods, Inc.	11224 Lankford Highway, Temperanceville VA 23442	757-990-3574

Diane Lambertson Farm



AFO RESOURCE CONCERNS EVALUATION WORKSHEET

Name:	Jason Lambertson		Agency Interest #:	67209
Planner:	Chelsea Tyson		Farm # / Tract #:	1046 / 233
Site Visit Date:	08/17/2020		Total Acres:	29.002
County:	Worcester		Production Area Acres:	6.2
RESOURCE CONCERN		YES	NO	Assessment
a.	Biosecurity measures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The operator is following biosecurity measures as outlined by the integrator and MDA Animal Health.
b.	Chemical handling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chemicals related to poultry production are stored in the appropriate designated storage area.
c.	Cultural resources	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The production area is established and there are no proposed ground disturbance activities scheduled for the area.
d.	Feedlot area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No feedlot resource concerns have been identified. BMPs have been constructed to mitigate the potential for discharges.
e.	Floodplains	<input type="checkbox"/>	<input checked="" type="checkbox"/>	This is an existing operation and the production area is not located in the FEMA-100 Year Floodplain as per the on-line resources available.
f.	Gully erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No gully erosion was identified in the production area or associated water conveyances.
g.	Livestock travel lanes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No resource concerns have been identified.
h.	Nutrient discharge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	There are no observable nutrient discharges occurring from the production area.
i.	Objectionable odors	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Normal poultry or livestock odors associated with this the type of operation or facility were noted.
j.	Particulate matter emissions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Normal particulate emissions associated with a facility of this size.
k.	Ponding, flooding, seasonal high water table	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No abnormal ponding, flooding or high water table issues were identified.
l.	Sediment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No obvious and observable sediment discharges are occurring from the production area.
m.	Streambank/shoreline erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No streambank or shoreline areas are present in the production area.
n.	Threatened/endangered species	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No geospatial indicators have been identified on the production area.
o.	Waste storage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	There are no resource concerns identified for waste storage. Existing waste storage facilities are adequately sized for the operation and are consistent with the waste management system plan.
p.	Waterways	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Maryland regulated waterways have been identified on the property and are greater than 100 feet from the production facilities. This is an existing facility with all required BMPs. No further action is required.
q.	Wetlands	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Maryland regulated wetlands have been identified on the property greater than 100 feet from the production facilities. This is an existing facility with all required BMPs. No further action is required.



AFO RESOURCE CONCERNS EVALUATION WORKSHEET

Name:	Jason Lambertson	Agency Interest #:	67209	
Planner:	Chelsea Tyson	Farm # / Tract #:	2966 / 2642	
Site Visit Date:	08/17/2020	Total Acres:	48.58	
County:	Worcester	Production Area Acres:	16.1	
RESOURCE CONCERN		YES	NO	Assessment
a.	Biosecurity measures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The operator is following biosecurity measures as outlined by the integrator and MDA Animal Health.
b.	Chemical handling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chemicals related to poultry production are stored in the appropriate designated storage area.
c.	Cultural resources	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The production area is established and there are no proposed ground disturbance activities scheduled for the area.
d.	Feedlot area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No feedlot resource concerns have been identified. BMPs have been constructed to mitigate the potential for discharges.
e.	Floodplains	<input type="checkbox"/>	<input checked="" type="checkbox"/>	This is an existing operation and the production area is not located in the FEMA-100 Year Floodplain as per the on-line resources available.
f.	Gully erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No gully erosion was identified in the production area or associated water conveyances.
g.	Livestock travel lanes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No resource concerns have been identified.
h.	Nutrient discharge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	There are no observable nutrient discharges occurring from the production area.
i.	Objectionable odors	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Normal poultry or livestock odors associated with this the type of operation or facility were noted.
j.	Particulate matter emissions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Normal particulate emissions associated with a facility of this size.
k.	Ponding, flooding, seasonal high water table	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No abnormal ponding, flooding or high water table issues were identified.
l.	Sediment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No obvious and observable sediment discharges are occurring from the production area.
m.	Streambank/shoreline erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No streambank or shoreline areas are present in the production area.
n.	Threatened/endangered species	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No geospatial indicators have been identified on the production area.
o.	Waste storage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	There are no resource concerns identified for waste storage. Existing waste storage facilities are adequately sized for the operation and are consistent with the waste management system plan.
p.	Waterways	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Maryland regulated waterways have been identified on the property and are greater than 100 feet from the production facilities. This is an existing facility with all required BMPs. No further action is required.
q.	Wetlands	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Maryland regulated wetlands have been identified on the property greater than 100 feet from the production facilities. This is an existing facility with all required BMPs. No further action is required.



AFO RESOURCE CONCERNS EVALUATION WORKSHEET

Name:	Jason Lambertson	Agency Interest #:	67209	
Planner:	Chelsea Tyson	Farm # / Tract #:	2965 / 2641	
Site Visit Date:	08/17/2020	Total Acres:	33.39	
County:	Worcester	Production Area Acres:	26.1	
RESOURCE CONCERN		YES	NO	Assessment
a.	Biosecurity measures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The operator is following biosecurity measures as outlined by the integrator and MDA Animal Health.
b.	Chemical handling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chemicals related to poultry production are stored in the appropriate designated storage area.
c.	Cultural resources	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The production area is established and there are no proposed ground disturbance activities scheduled for the area.
d.	Feedlot area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No feedlot resource concerns have been identified. BMPs have been constructed to mitigate the potential for discharges.
e.	Floodplains	<input type="checkbox"/>	<input checked="" type="checkbox"/>	This is an existing operation and the production area is not located in the FEMA-100 Year Floodplain as per the on-line resources available.
f.	Gully erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No gully erosion was identified in the production area or associated water conveyances.
g.	Livestock travel lanes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No resource concerns have been identified.
h.	Nutrient discharge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	There are no observable nutrient discharges occurring from the production area.
i.	Objectionable odors	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Normal poultry or livestock odors associated with this the type of operation or facility were noted.
j.	Particulate matter emissions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Normal particulate emissions associated with a facility of this size.
k.	Ponding, flooding, seasonal high water table	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No abnormal ponding, flooding or high water table issues were identified.
l.	Sediment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No obvious and observable sediment discharges are occurring from the production area.
m.	Streambank/shoreline erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No streambank or shoreline areas are present in the production area.
n.	Threatened/endangered species	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No geospatial indicators have been identified on the production area.
o.	Waste storage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	There are no resource concerns identified for waste storage. Existing waste storage facilities are adequately sized for the operation and are consistent with the waste management system plan.
p.	Waterways	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Maryland regulated waterways have been identified on the property and are greater than 100 feet from the production facilities. This is an existing facility with all required BMPs. No further action is required.
q.	Wetlands	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Maryland regulated wetlands have been identified on the property greater than 100 feet from the production facilities. This is an existing facility with all required BMPs. No further action is required.

Implementation Schedule for Farmstead

This element addresses the need for and implementation of appropriate conservation practices to meet the quality criteria for soil erosion, air and water quality.

Practice and Facility Implementation Schedule


Description	Date
All resource concerns have been addressed and no additional best management practices are recommended or required at this time.	October 2020

The schedule of conservation practices presented here has been reviewed by Jason Lambertson, who is responsible for compliance with the requirements of the agricultural farm operation.

I, Jason Lambertson, certify that as the decision-maker, I have been involved in the planning process and agree that the items/practices listed in the table above are needed on my farm operation. I understand that I am responsible for implementing these practices according to the schedule above. Should I not be able to implement any of the above items according to the schedule, I will contact the Worcester Soil Conservation District and have this schedule revised.


A yellow rectangular box containing a handwritten signature in black ink.

Jason Lambertson


A yellow rectangular box containing the handwritten date "11-7-20" in black ink.

Date

Implementation Schedule Comments

Site visit completed on 08/17/2020. Farm was evaluated and found to be in satisfactory working condition. There were no resource concerns nor were there management concerns expressed by the farmer.

SECTION 3: Land Treatment Area (Crop and/or Pasture)

This element addresses evaluation and implementation of appropriate conservation practices on sites proposed for land application of manure and organic by-products from an Animal Feeding Operation. On fields where manure and organic by-products are applied as beneficial nutrients, it is essential that runoff and soil erosion be minimized to allow for plant uptake of these nutrients.

This CNMP is considered a "No Land" plan, therefore no additional documents have been included in this section.

SECTION 4: Nutrient Management

This element addresses the Nutrient Management component of the CNMP. The nutrient management plan is developed by a Maryland Department of Agriculture certified nutrient management consultant.

Soil Sampling and Testing

Maryland Department of Agriculture regulations require up-to-date soil analyses be included in the Nutrient Management Plan. To fulfill this requirement you must follow these guidelines:

1. Soil test(s) are required to be taken every 3 years or sooner for each management unit;
2. It is recommended that soil sampling be conducted consistently at the same time of the year;
3. Soil sampling depth for P and K shall be 8 inches;
4. pH testing sampling depth for no-till is only 4 inches.

Soil testing shall include analysis for any nutrients for which specific information is needed to develop the plan. The minimum analysis for Maryland is to include: pH, organic matter, phosphorus, potassium, calcium, magnesium, and CEC.

Manure and Wastewater Testing/Analysis

Maryland Department of the Environment and the Environmental Protection Agency require an analysis of manure generated on your operation be obtained to meet conditions in a General Discharge Permit for Animal Feeding Operations under CAFO regulations. If you land-apply manure, it is a required component of your NMP according to MDA regulations. To fulfill this requirement you may do one of the following:

1. Collect a sample of manure and obtain an analysis OR
2. If exported, obtain a copy of the manure analysis from one of the farmers who will be receiving the manure from your operation

Manure should be analyzed on an annual basis from each storage structure for: % Solids or % Moisture, Total N, Organic N, NH₄ or NH₃, P₂O₅, K₂O, and pH. These analyses are part of the required Record Keeping and are stored under the Record Keeping element of this CNMP.

Description of Chemical Handling:

1. If used, most chemicals are custom applied. Minor chemicals (i.e. Bleach or Quat-A-Mone) may be stored at the operation for disinfecting purposes.

Documentation of Records

Operators should maintain the following records to document plan implementation, as applicable.

Record	Description	Agency Requiring
Animal Mortality & Disposal	Date and number of dead animals collected and disposal method.	MDE
Documentation of Manure Storage Conditions	Design volume and days of capacity; any deficiencies in the manure handling system and actions taken to correct (for example: damage due to fire or storm, date occurred, how damage was fixed and date of repair).	MDE
Documentation of Discharges	Date, time, and estimated quantity of any discharges and steps taken to correct.	MDE
Manure Available for Use/Removal	Estimate of removal of manure from poultry house (crust-out, total cleanout, center cut, etc) and destination (manure shed or export).	MDA/MDE
Manure Analysis	Copy of laboratory nutrient analysis of sample of manure produced on-farm (taken annually).	MDA/MDE
Animal Information	Type and number of animals kept on-farm and any changes in animal numbers.	MDA/MDE
Manure Export/Transfer	Record of manure that leaves the farm - date, quantity (tons/gallons), and destination (Name/Address).	MDA/MDE
Comprehensive Nutrient Management Plan (CNMP)	Retain approved CNMP and documentation related to updates or changes to your CNMP.	MDA/MDE
Nutrient Management Plan (NMP)	Retain certified Maryland NMP and documentation related to updates or changes to your NMP.	MDA/MDE
Calibration Record for Spreading Equipment	Time of year, calibration method used (load area, weight area). Must calibrate annually.	MDA
Soil test results	Who collected the samples and when, appropriate management units.	MDA/MDE
Results of Pre-Side Dress Nitrogen or Pre-Plant Soil Nitrate Testing	Any alternative sampling technique used to address specific crop requirements that lead to a change in the applied amounts should be documented.	MDA
Crop records	Crops planted and planting/harvesting dates, by field.	MDA
Nutrient Application Summary by Field	Nutrient application records for each application event, including commercial fertilizers that are applied to supplement manure.	MDA
Reviews by third parties	Records associated with any reviews by NRCS, third-party consultants, or representatives of regulatory agencies.	MDE
Annual Implementation Report	Annual reports which summaries nutrient application activities.	MDA/MDE

SECTION 5: Additional Documentation

This section is included if there are additional documents needed for the Comprehensive Nutrient Management Plan.

The following documents are located in this section:

- Water Conveyance Map Around Production Area
- Poultry Litter Estimation Worksheet
- Online References
- BMP Operation & Maintenance Guide and Requirements
- Manure Export Form
- Monthly Animal & Mortality Count
- Inspection/Monitoring Records
- Nutrient Land Application Form
- Weekly Storage Form
- Weekly Wastewater Form
- Manure Litter Storage Form
- Manure Application Form
- Manure Litter Transfer Form
- Daily Waterline Form

Online References

1. **MDE Regulations and General Permit for Animal Feeding Operations (AFO)**
http://www.mde.state.md.us/programs/Land/SolidWaste/CAFOMAFO/Pages/Programs/LandPrograms/Solid_Waste/cafo/index.aspx
2. **Environmental Protection Agency (EPA) Concentrated Animal Feeding Operations (CAFO) - Final Rule**
<http://cfpub.epa.gov/npdes/afo/cafofinalrule.cfm>
3. **Crop Fertilizer Recommendations**
"Soil Fertility Management," Maryland Cooperative Extension, SFM-1, Oct. 2002
http://www.anmp.umd.edu/Pubs/Pubs_Crops.cfm
4. **Nutrient Management Information Sheets**
<http://www.anmp.umd.edu/Pubs/index.cfm>
5. **Manure Nutrient Availability**
Maryland Department of Agriculture, COMAR 15.20.08.05
http://mda2.maryland.gov/resource_conservation/Documents/consultant_information/2009%20I-C%20p1-3%20s6.pdf
6. **Calibrating Manure Spreaders**
University of Maryland Extension Fact Sheet 416 and Worksheets
http://www.anmp.umd.edu/Pubs/Pubs_Manure.cfm
http://www.anmp.umd.edu/Pubs/Pubs_Equip.cfm
7. **Phosphorus Assessment**
"The Maryland Phosphorus Site Index: An Overview," Maryland Cooperative Extension SFM-6, April 2005
<http://www.anmp.umd.edu/files/SFM-6.pdf>
"The Maryland Phosphorus Site Index: Technical Users Guide," Maryland Cooperative Extension SFM-7, March 2008
<http://www.anmp.umd.edu/files/SFM-7.pdf>
8. **Mid-Atlantic Nutrient Management Handbook**
<http://www.mawaterquality.org/Publications/pubs/manhcomplete.pdf>
9. **Maryland Pesticide Regulation**
http://www.mda.state.md.us/plants-pests/pesticide_regulation/index.php
10. **Maryland Practice Standards**
eFOTG Section IV - Practice Standards and Specifications
<http://www.nrcs.usda.gov/technical/efotg/>
11. **Worcester County University of Maryland Extension Office**
12. **Worcester Soil Conservation District**
13. **Tyson Foods, Inc.**
<http://www.tyson.com/>

BMP - O & M Guide & Requirements

(313) Waste Storage Structure Requirements

- 1 A nutrient management plan must be developed and signed before the state cost sharing agreement will be approved.
- 2 Pre-construction- Obtain all necessary approvals and permits before construction begins. Contact your county Planning and Zoning office for building permit requirements.
- 3 No alterations to the approved structure are allowed, without prior written approval from the Natural Resources Conservation Service (NRCS).
- 4 Erosion and Sediment Control - Runoff from the construction area shall be controlled to prevent sediment pollution. After construction, areas shall be stabilized, using recommended plant species. Vegetative filter strips shall be established and maintained between the structure and any drainage ditch or body of water.
- 5 Livestock exclusion - Use fencing or other means, to keep livestock at least 10 away from the structure.
- 6 The structure is to be used for the storage of poultry litter manure. However, during times when the structure is not filled with poultry manure, the temporary storage of mobile farm equipment is permitted, if it does not result in non-compliance with the Waste Management System plan, or the Maryland Department of Agriculture (MDA) maintenance guidelines.

Operation of Maintenance of WSS

- 1 Storage - The waste storage structure is designed to hold up to six (6) months of accumulated manure. It should be cleaned out at least twice a year.
- 2 Loading - Load the storage structure from the rear to the front. Use a loader or stacker to evenly pile the litter manure, no more than eight (8') feet high in the center and three (3') feet deep on the sides. Do not compact manure or mix wet manure with dry manure.
Compaction and mixing increase the risk of fire.
- 3 Unloading - Unload the storage structure from the front to the rear. Remove all litter manure at time of cleanout, if possible. Re-grade fill material and add additional fill, if needed.
- 4 Spreading - Prior to spreading, obtain soil and manure test results and calibrate equipment. Determine the amount of manure to be applied to supplement crop nutrient requirements. Remember, the amounts of nitrogen, phosphorus, potassium and other nutrients may vary. Apply litter manure at rates which do not exceed the nutrient needs of the crops to be grown. No spreading should be done on frozen or snow-covered fields, or when heavy rainfall is expected. Follow these guidelines and your Nutrient Management Plan to control pollution and protect water quality.

- 5 Cleanout- Manure will be removed from the structure in early spring and fall, and if applicable, applied to agricultural fields. Incorporation into the soil, prior to planting helps to reduce nutrient losses. Avoid spreading manure close to ditches, streams and bodies of water.
Receiving farmer must follow NMP guidelines and Maryland state law for manure application.
- 6 Safety - Care should be taken when operating loaders and other equipment in and around the storage structure. Lower manure bucket when traveling on uneven ground. Avoid hitting walls and posts. Improper loading of the storage structure, or compaction of the litter may result in damage and subsequent failure of structure components. Compaction may also increase the risk of fire, due to spontaneous combustion. Should a fire occur, call 911.
- 7 Records - A log of storage structure usage will be maintained, including dates the structure was loaded and unloaded.
- 8 Maintenance - Noxious, and other undesirable weeds and vegetation, shall be controlled by mowing or other recommended means. When using herbicides, follow label directions. Inspect the area around the structure deficiencies, at least annually, and after high intensity storms. No alterations to the structure are allowed, without prior written approval from the Natural Resources Conservation Services.
- 9 The structure shall be maintained for a minimum of 15 years in strict accordance with these NRCS maintenance guidelines. Use of the structure should be documented. Inspections will be made periodically to confirm the structure is being used and maintained properly.
- 10 Changes in farming operations, which may affect the ability to comply with the approved Waste Management Plan or other guidelines, shall be reported your local Soil Conservation District .
A revised Waste Management System Plan may be developed, or other action taken to retain compliance with program guidelines.

(316) **Dead Poultry Composting / Animal Mortality Facility Requirements**

- 1 Only poultry from the farm on which the structure is located may be composted in the composting facility. Composting ingredients, compost and composting equipment may be stored in the structure.
- 2 The operator is responsible for supplying all equipment and materials needed for proper operation of the composting facility. A tractor with front-end loader or bobcat loader must be available for handling the compost.
- 3 Obtain all necessary approvals and permits, prior to construction.
The composting facility must be built in accordance with NRCS standards and specifications. No modifications to the structure are allowed without prior written approval from the NRCS.
- 4 In addition to the Waste Management System Plan, the operator must obtain and follow a Nutrient Management Plan which addresses all manure produced on the farm including the stabilized compost.
Both plans must be submitted to the Maryland Department of Agriculture before the state cost-share agreement will be approved.
- 5 The operator must attend "Carcass Composter Training" course, offered by the CES, at the University of Maryland, Lower Eastern Shore Research and Education Center.

Operation and Maintenance of DBCF / AMF

- 1 Operation of the composter must be consistent with the detailed technical instructions provided by the UMD-Ext and the NRCS.
- 2 The composting process depends upon the proper combination of several ingredient in the right proportions. The process begins with layering litter manure, straw, and dead birds at a volume ration of 2:1:1, adding water to generate heat, monitoring and maintaining optimum temperatures, and turning the composting material at the proper time.
- 3 Bio-security - Dead birds must be removed from the poultry houses and composted on a daily basis. Avoid contact with dead birds from other flocks. Use rubber or plastic boots which can be easily disinfected or disposed of, protective clothing, and respiratory filters when working in and around poultry houses and litter manure. Minimize contact with other producers, without proper bio-security.
- 4 Safety - Use care when operating loaders and other equipment in and around the composter. Avoid hitting partitions and posts. Do not mix stabilized compost with stored litter manure, until ready to spread. Stabilized compost may be used as a soil conditioner for gardens, etc.
- 5 Maintenance - Control erosion and protect water quality by planting and maintaining adequate vegetation around composter. Noxious, and undesirable weeds must be controlled. Inspect the structure and Make repairs in a timely manner.
- 6 The composting facility shall be maintained for at least 15 years, as addressed in the state cost-share agreement.

(561)

Heavy Use Area Protection

- 1 Scrape manure from pads after each flock delivery / removal or litter removal.
Place this manure back in the poultry house or PWSS.
- 2 Inspect pads after each flock removal for cracks or broken edges.
Seal any small cracks or holes with water tight sealant.
Repair any chipped areas or broken edges with 4000 psi concrete, as soon as possible.
- 3 Maintain a minimum of 20' buffer area between pad & nearby drainage ditches.

MANURE EXPORTS

Farm Name:	Pure Country/Amen Corner/Millennium/Raven/Diane Lambertson	Year:	
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Operator:	Jason Lambertson
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Manure Source	Date	Amount (Gal or Ton)	Receiving Operation	Address	Contact	Phone

MONTHLY ANIMAL & MORTALITY COUNT

Farm Name:	Pure Country/Amen Corner/Millennium/Raven/Diane Lambertson	Year:	
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Operator:	Jason Lambertson
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Month	Animal Count and Weight	Mortality	Mortality %	Comments

INSPECTION / MONITORING RECORDS

Farm Name:	Pure Country/Amen Corner/Millennium/Raven/Diane Lambertson	Year:	
Operator:	Jason Lambertson		
Date	Activity Description	Operator / Inspector	Activity Data



Maryland Department of the Environment

Larry Hogan, Governor
Boyd K. Rutherford, Lt. Governor
Ben Crumbles, Secretary
Horacio Tablada, Deputy Secretary

Nutrient Land Application Log Sheet

Facility Name: _____ NPDES Permit No.: _____

Instructions:

For each land application for each field, provide the following information in the table below:

- Date: the date you applied the manure/litter/process wastewater to the field
- Field ID: the field where you applied manure/litter/process wastewater. Use the same field identification that is used in your nutrient management plan
- Method: how you applied the manure/litter/process wastewater (e.g. surface w/incorporation, surface w/out incorporation, subsurface injection...)
- Application Rate: the number of tons or gallons *actually* applied per acre
- Acres Applied: the number of acres the manure/litter/process wastewater was applied to on the field
- Total N: the total amount of nitrogen you applied to the field from animal waste
- Total P: the total amount of phosphorous you applied to the field from animal waste

Date	Field ID	Method	Actual Application Rate	Acres Applied	Total N	Total P

Date	Field ID	Method	Actual Application Rate	Acres Applied	Total N	Total P

Weather and Soil Condition Documentation

When land applying manure/litter/process wastewater, you also need to document the weather and soil conditions. Please provide this information in the following table:

Date	Field ID	Weather Conditions			Soil Conditions
		24 hours before	During	24 hours after	
				g	
				g	



Weekly Storage and Containment Structure Inspections Log Sheet

Facility Name: _____ NPDES Permit No.: _____

Instructions:

Use this form to keep records of weekly visual inspections of the structures you use to store or contain manure/litter/process wastewater. Use a separate form for each structure.

**Any deficiencies observed must be corrected within 30 days*

Storage or Containment Structure: _____

	Date	Initials	Depth Marker Reading (N/A for dry manure handling)	OK (√ if no problems)	Description of any Deficiencies Observed (put "N/A" if none observed)	Date Deficiency Corrected*
Week 1						
Week 2						
Week 3						
Week 4						
Week 5						
Week 6						
Week 7						

	Date	Initials	Depth Marker Reading (N/A for dry manure handling)	OK (√ if no problems)	Description of any Deficiencies Observed (put "N/A" if none observed)	Date Deficiency Corrected*
Week 8						
Week 9						
Week 10						
Week 11						
Week 12						
Week 13						
Week 14						
Week 15						
Week 16						
Week 17						
Week 18						
Week 19						

	Date	Initials	Depth Marker Reading (N/A for dry manure handling)	OK (√ if no problems)	Description of any Deficiencies Observed (put "N/A" if none observed)	Date Deficiency Corrected*
Week 20						
Week 21						
Week 22						
Week 23						
Week 24						
Week 25						
Week 26						
Week 27						
Week 28						
Week 29						
Week 30						
Week 31						

	Date	Initials	Depth Marker Reading (N/A for dry manure handling)	OK (√ if no problems)	Description of any Deficiencies Observed (put "N/A" if none observed)	Date Deficiency Corrected*
Week 32						
Week 33						
Week 34						
Week 35						
Week 36						
Week 37						
Week 38						
Week 39						
Week 40						
Week 41						
Week 42						
Week 43						

	Date	Initials	Depth Marker Reading (N/A for dry manure handling)	OK (√ if no problems)	Description of any Deficiencies Observed (put "N/A" if none observed)	Date Deficiency Corrected*
Week 44						
Week 45						
Week 46						
Week 47						
Week 47						
Week 49						
Week 50						
Week 51						
Week 52						



Weekly Wastewater Facilities Inspections Log Sheet

Facility Name: _____ NPDES Permit No.: _____

Instructions:

Use this form to keep records of weekly visual inspections of your wastewater facilities (including pumps, storm water and runoff diversion devices, and devices used to channel contaminated storm water to a wastewater storage or containment structure).

Any deficiencies observed must be corrected within 30 days

List the items that need to be inspected below:

	Date	Initials	OK (√ if no problems)	Description of any Deficiencies Observed (put "N/A" if none observed)	Date Deficiency Corrected*
Week 1					
Week 2					
Week 3					
Week 4					
Week 5					
Week 6					

	Date	Initials	OK (√ if no problems)	Description of any Deficiencies Observed (put "N/A" if none observed)	Date Deficiency Corrected*
Week 7					
Week 8					
Week 9					
Week 10					
Week 11					
Week 12					
Week 13					
Week 14					
Week 15					
Week 16					
Week 17					
Week 18					
Week 19					
Week 20					

	Date	Initials	OK (√ if no problems)	Description of any Deficiencies Observed (put "N/A" if none observed)	Date Deficiency Corrected*
Week 21					
Week 22					
Week 23					
Week 24					
Week 25					
Week 26					
Week 27					
Week 28					
Week 29					
Week 30					
Week 31					
Week 32					
Week 33					
Week 34					

	Date	Initials	OK (√ if no problems)	Description of any Deficiencies Observed (put "N/A" if none observed)	Date Deficiency Corrected*
Week 35					
Week 36					
Week 37					
Week 38					
Week 39					
Week 40					
Week 41					
Week 42					
Week 43					
Week 44					
Week 45					
Week 46					
Week 47					
Week 48					

	Date	Initials	OK (√ if no problems)	Description of any Deficiencies Observed (put "N/A" if none observed)	Date Deficiency Corrected*
Week 49					
Week 50					
Week 51					
Week 52					



Manure, Litter, and Wastewater Storage Structures Documentation

Facility Name: _____ NPDES Permit No.: _____

Instructions:

For each storage structure, provide the following information in the table below:

- Structure Type: the type of storage structure (e.g. roofed storage shed, storage pond, anaerobic lagoon...)
- Total Design Storage Volume: the total capacity the storage structure was designed to hold (e.g. 100 ft³ or 1000 gallons)
- Design Treatment Volume: (*N/A for dry manure storage) the treatment capacity the structure was designed to treat
- Days of Storage Capacity: (*N/A for dry manure storage) the number of days the structure can accommodate its contents at the rate the operation places waste in it
- Volume for Solids Accumulation: the capacity of the structure available to accumulate solids

Structure Type	Total Design Storage Volume	Design Treatment Volume (N/A for dry manure storage)	Days of Storage Capacity (N/A for dry manure storage)	Volume for Solids Accumulation



Larry Hogan, Governor
 Boyd K. Rutherford, Lt. Governor
 Ben Grumbles, Secretary
 Horacio Tablada, Deputy Secretary

Manure Application Equipment Inspection and Calibration Record

Facility Name: _____ NPDES Permit No.: _____

Instructions:

Use this form to keep records of your manure equipment inspections. For each inspection, provide the following information in the table below:

- Inspection/Calibration Date: the date of the inspection/calibration
- Calibration Method: method used for calibration (e.g. weight-area method, load-area method...)
- Inspection/Calibration Results: provide statements such as "recalibrated equipment" or "equipment in calibration"
- Date Calibration Corrected: the date that any observed deficiencies were fixed **must be corrected within 30 days*

Inspection/Calibration Date	Calibration Method	Inspection/Calibration Results	Date Re-Calibrated or Fixed*



Larry Hogan, Governor
 Boyd K. Rutherford, Lt. Governor
 Ben Crumbles, Secretary
 Horacio Tablada, Deputy Secretary

Manure, Litter, and Wastewater Transfer Record Keeping Form

Facility Name: _____ NPDES Permit No.: _____

Use this sheet any time that manure or poultry litter is removed from a production or storage area and transferred to other persons (not under the control of your CAFO). Use additional sheets as necessary.

Date of Transfer (indicate whether import or export)	Manure Type (e.g. litter, wastewater)	Name and Address of Person(s) Received From or Transferred To	Quantity Transported (tons/gallons)



Daily Water Line Inspection Log Sheet

Facility Name: _____ NPDES Permit No.: _____

Instructions:

- Initial the form *each day* after the inspection is complete
- If a leak is detected, place a check in the “leak detected” column

January, 20__		
Day	Initials	√ if Leak Detected
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		

14		
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21		
22		
23		
24		
25		
26		
27		
28		

29		
30		
31		
February, 20__		
Day	Initials	√ if Leak Detected
1		
2		
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4		
5		
6		
7		
8		
9		
10		

11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
March, 20__		
Day	Initials	√ if Leak Detected
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21		
22		
23		
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26		
27		
28		
29		
30		
31		
April, 20__		
Day	Initials	√ if Leak Detected

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2		
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4		
5		
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7		
8		
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21		
22		
23		
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25		
26		
27		
28		

29		
30		
May, 20__		
Day	Initials	√ if Leak Detected
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11		
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29		
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31		
June, 20__		
Day	Initials	√ if Leak Detected
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28		
29		
30		
July, 20__		
Day	Initials	√ if Leak Detected
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August, 20____		
Day	Initials	√ if Leak Detected
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September, 20____		
Day	Initials	√ if Leak Detected
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October, 20____		
Day	Initials	√ if Leak Detected
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28		
29		
30		
31		
November, 20____		
Day	Initials	√ if Leak Detected
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December, 20____		
Day	Initials	√ if Leak Detected
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Poultry Litter Removal Data Collection Sheet



OPERATOR NAME: _____

DATE: _____

FARM NAME: _____

A	B	C	D	E	F	G	H
Date (mm/dd/yr)	Removal From (house or shed)	Load Description*	Load Weight (Tons)**	Number of Loads	Total Removed (D) x (E) = (F) (Tons)	Destination (on-farm shed, on- farm field or if exported; name/address of receiving party)	Quantity Received (if other than total removed)

* identify type of equipment used to remove waste (i.e. truck, spreader, etc)
 ** if load weight is unknown, calculate it based on the following estimates: 1 cu.ft. litter = 28 lbs; 1 bushel litter = 35 lbs
 1) Measure the equipment volume in cu. ft. or bushels
 2) Load weight (lbs) = equipment volume in cu. ft. or bushels X lbs per cu. ft. or bushel
 3) Load weight (tons) = load weight (lbs) divided by 2,000



WORCESTER COUNTY SERVICE CENTER
 304 COMMERCE ST
 SNOW HILL, MD 21863-1008
 (410) 632-5439

Conservation Plan

DIANE LAMBERTSON REVOCABLE TRUST
 1750 BOSTON RD
 POCOMOKE CITY, MD 21851

OBJECTIVE(S)

This farm is located on tax map 0084 and includes tax parcel 0291; totaling approximately 28.7 acres with 18.3 acres tillable cropland. Cropland is managed separately and all manure produced by the poultry operation is exported. The poultry production area is owned by Diane Lambertson Revocable Trust and operated by Jason Lambertson. The objective of plan construction is to ensure no major resource concerns exist during agricultural operation. This farm is part of a large CAFO poultry operation (AI#67209) of 346,999 chickens. This farm contains 39,000 broilers at five flocks per year with Tyson. After completing an Environmental Evaluation site visit of the poultry operation, it was concluded that no resource concerns have been found at this time. This conservation plan update is being completed in accordance with the Comprehensive Nutrient Management Plan also being updated for the CAFO permit.

Animal Mortality Facility (316)

A dead bird composting facility has been constructed for the economical and environmentally safe disposal of dead poultry. The structure was built according to NRCS standards and specifications and has been maintained as described in the Operation and Maintenance plan.

Tract	Field	Planned Amount	Month	Year	Applied Amount	Date
233	HQ	1.00 no	09	1995	1.00 no	09/21/1995
--	Total:	1.00 no	--	--	1.00 no	--

Comprehensive Nutrient Management Plan - Written (102)

Obtain a comprehensive nutrient management plan (CNMP) that describes and documents a conservation system within a conservation plan that is unique to animal feeding operations. The CNMP addresses all aspects of the Animal Feeding Operation including manure handling, nutrient management, feed management, and other conservation practices. Maryland Department of the Environment requires that a CNMP that is developed to meet EPA/MDE CAFO regulatory requirements to control soil erosion and protect water quality must be implemented as scheduled. Any CNMP components that are funded through cost-share programs must also be implemented as scheduled.

Tract	Field	Planned Amount	Month	Year	Applied Amount	Date
233	HQ	1.00 no	08	2020	--	--
--	Total:	1.00 no	--	--	--	--

Waste Storage Facility (313)

A manure storage structure has been constructed at the location shown on the plan map. The structure has been built according to NRCS design and operated and maintained in accordance with a Comprehensive Nutrient Management Plan or Waste Management System plan developed for this operation. All necessary permits and notifications were obtained before construction.

Tract	Field	Planned Amount	Month	Year	Applied Amount	Date
233	HQ	1.00 no	03	1988	1.00 no	03/23/1988
--	Total:	1.00 no	--	--	1.00 no	--

CERTIFICATION OF PARTICIPANTS

Diane Lambertson 11/7/20
DIANE LAMBERTSON DATE
REVOCABLE TRUST

CERTIFICATION OF:

CONSERVATION DISTRICT
Doree De Nardis 12/10/20
WORCESTER SCD DATE

DISTRICT CONSERVATIONIST - NRCS
Nelma for Nelson Brice 12/9/2020
NELSON BRICE DATE

CERTIFIED CONSERVATION PLANNER
Chelsea B. Tyson 10/26/2020
CHELSEA TYSON DATE

PUBLIC BURDEN STATEMENT

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collections is 0578-0013. The time required to complete this information collection is estimated to average 45/0.75 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection information.

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USDA Office of the Assistant Secretary for Civil Rights

1400 Independence Avenue, SW.

Washington, DC 20250-9410

Or call toll free at (866) 632-9992 (voice) to obtain additional information, the appropriate office or to request documents.

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Map Unit Description (Brief, Generated)

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions in this report, along with the maps, provide information on the composition of map units and properties of their components.

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

The Map Unit Description (Brief, Generated) report displays a generated description of the major soils that occur in a map unit. Descriptions of non-soil (miscellaneous areas) and minor map unit components are not included. This description is generated from the underlying soil attribute data.

Additional information about the map units described in this report is available in other Soil Data Mart reports, which give properties of the soils and the limitations, capabilities, and potentials for many uses. Also, the narratives that accompany the Soil Data Mart reports define some of the properties included in the map unit descriptions.

Report—Map Unit Description (Brief, Generated)

Worcester County, Maryland

Map Unit: FadA--Fallsington sandy loams, 0 to 2 percent slopes, Northern Tidewater Area

Component: Fallsington, undrained (48%)

The Fallsington, undrained component makes up 48 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on coastal plains. The parent material consists of loamy fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is occasionally ponded. A seasonal zone of water saturation is at 5 inches (depth from the mineral surface is 3 inches) during January, February, March, April. Organic matter content in the surface horizon is about 68 percent. Nonirrigated land capability classification is 5w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Fallsington, drained (27%)

The Fallsington, drained component makes up 27 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on coastal plains. The parent material consists of loamy fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is rarely ponded. A seasonal zone of water saturation is at 14 inches during January, February, March, April. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3w. Irrigated land capability classification is 3w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface.



Component: Woodstown (9%)

Generated brief soil descriptions are created for major soil components. The Woodstown soil is a minor component.

Component: Othello (8%)

Generated brief soil descriptions are created for major soil components. The Othello soil is a minor component.

Component: Hammonton (8%)

Generated brief soil descriptions are created for major soil components. The Hammonton soil is a minor component.

Map Unit: HmA--Hammonton loamy sand, 0 to 2 percent slopes

Component: Hammonton (80%)

The Hammonton component makes up 80 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, uplands. The parent material consists of loamy fluviomarine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during February. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2w. Irrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Ingleside (5%)

Generated brief soil descriptions are created for major soil components. The Ingleside soil is a minor component.

Component: Hurlock, drained (5%)

Generated brief soil descriptions are created for major soil components. The Hurlock, drained soil is a minor component.

Component: Rosedale (5%)

Generated brief soil descriptions are created for major soil components. The Rosedale soil is a minor component.

Component: Klej (5%)

Generated brief soil descriptions are created for major soil components. The Klej soil is a minor component.

Map Unit: MuA--Mullica-Berryland complex, 0 to 2 percent slopes

Component: Mullica, drained (26%)

The Mullica, drained component makes up 26 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, uplands. The parent material consists of sandy and loamy fluviomarine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is rarely ponded. A seasonal zone of water saturation is at 5 inches during January, February, March. Organic matter content in the surface horizon is about 16 percent. Nonirrigated land capability classification is 2w. Irrigated land capability classification is 2w. This soil meets hydric criteria.

Component: Berryland, drained (24%)

The Berryland, drained component makes up 24 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, uplands. The parent material consists of sandy eolian deposits and/or fluviomarine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most

restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is rarely ponded. A seasonal zone of water saturation is at 5 inches during January, February, March. Organic matter content in the surface horizon is about 11 percent. Nonirrigated land capability classification is 2w. Irrigated land capability classification is 2w. This soil meets hydric criteria.

Component: Mullica, undrained (16%)

The Mullica, undrained component makes up 16 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, uplands. The parent material consists of sandy and loamy fluviomarine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 2 inches during January, February, March, April. Organic matter content in the surface horizon is about 66 percent. Below this thin organic horizon the organic matter content is about 16 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria.

Component: Berryland, undrained (14%)

The Berryland, undrained component makes up 14 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, uplands. The parent material consists of sandy eolian deposits and/or fluviomarine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 2 inches (depth from the mineral surface is 0 inches) during January, February, March, April. Organic matter content in the surface horizon is about 68 percent. Below this thin organic horizon the organic matter content is about 11 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria.

Component: Klej (10%)

Generated brief soil descriptions are created for major soil components. The Klej soil is a minor component.

Component: Galloway (5%)

Generated brief soil descriptions are created for major soil components. The Galloway soil is a minor component.

Component: Askecksy, drained (5%)

Generated brief soil descriptions are created for major soil components. The Askecksy, drained soil is a minor component.

Map Unit: W--Water

Component: Water (100%)

Generated brief soil descriptions are created for major soil components. The Water is a miscellaneous area.

Data Source Information

Soil Survey Area: Worcester County, Maryland

Survey Area Data: Version 18, Jun 11, 2020

Millennium/Raven Farm



WORCESTER COUNTY SERVICE CENTER
 304 COMMERCE ST
 SNOW HILL, MD 21863-1008
 (410) 632-5439

Conservation Plan

MILLENNIUM FARMS PARTNERSHIP
 1750 BUCK HARBOR RD
 POCOMOKE CITY, MD 21851

OBJECTIVE(S)

This farm is located on tax map 0084 and includes tax parcel 0052; totaling approximately 47.3 acres with 19.0 acres tillable cropland. Cropland is managed separately and all manure produced by the poultry operation is exported. The poultry production area is owned by Millennium Farm Partnership and operated by Jason Lambertson. The objective of plan construction is to ensure no major resource concerns exist during agricultural operation. This farm is part of a large CAFO poultry operation (AI#67209) of 346,999 chickens. This farm contains 106,666 broilers at two flocks per year with Tyson. After completing an Environmental Evaluation site visit of the poultry operation, it was concluded that no resource concerns have been found at this time. This conservation plan update is being completed in accordance with the Comprehensive Nutrient Management Plan also being updated for the CAFO permit.

Animal Mortality Facility (316)

A dead bird composting facility has been constructed for the economical and environmentally safe disposal of dead poultry. The structure was built according to NRCS standards and specifications and has been maintained as described in the Operation and Maintenance plan.

Tract	Field	Planned Amount	Month	Year	Applied Amount	Date
2642	HQ	1.00 no	09	2000	1.00 no	09/22/2000
--	Total:	1.00 no	--	--	1.00 no	--

Comprehensive Nutrient Management Plan - Written (102)

Obtain a comprehensive nutrient management plan (CNMP) that describes and documents a conservation system within a conservation plan that is unique to animal feeding operations. The CNMP addresses all aspects of the Animal Feeding Operation including manure handling, nutrient management, feed management, and other conservation practices. Maryland Department of the Environment requires that a CNMP that is developed to meet EPA/MDE CAFO regulatory requirements to control soil erosion and protect water quality must be implemented as scheduled. Any CNMP components that are funded through cost-share programs must also be implemented as scheduled.

Tract	Field	Planned Amount	Month	Year	Applied Amount	Date
2642	HQ	1.00 no	08	2020	--	--
--	Total:	1.00 no	--	--	--	--

Heavy Use Area Protection (561)

A heavy use area (poultry pad) has been constructed at the location(s) shown on the plan map where poultry manure and other waste products are handled. The poultry pad protects the soil from erosion and reduces nutrient contamination of surface and groundwater. The pads have been designed and installed according to NRCS standards and specifications and will continue to be maintained according to the attached Operation and Maintenance plan. EQIP and MACS cost-share utilized for these practices.

Tract	Field	Planned Amount	Month	Year	Applied Amount	Date
2642	HQ	720 sqft	07	2011	720 sqft	08/29/2011
2642	HQ	720 sqft	07	2011	720 sqft	08/29/2011
2642	HQ	720 sqft	07	2011	720 sqft	08/29/2011
2642	HQ	720 sqft	07	2011	720 sqft	08/29/2011
2642	HQ	720 sqft	07	2011	720 sqft	08/29/2011
2642	HQ	720 sqft	07	2011	720 sqft	08/29/2011
2642	HQ	720 sqft	07	2011	720 sqft	08/29/2011
2642	HQ	720 sqft	07	2011	720 sqft	08/29/2011
2642	HQ	2600 sqft	07	2011	2600 sqft	08/29/2011


Waste Storage Facility (313)

A manure storage structure has been constructed at the location shown on the plan map. The structure has been built according to NRCS design and operated and maintained in accordance with a Comprehensive Nutrient Management Plan or Waste Management System plan developed for this operation. All necessary permits and notifications were obtained before construction.


Tract	Field	Planned Amount	Month	Year	Applied Amount	Date
2642	HQ	1.00 no	05	2011	1.00 no	05/29/2011
--	Total:	1.00 no	--	--	1.00 no	--

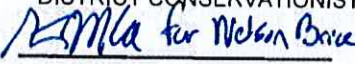
Tract	Field	Planned Amount	Month	Year	Applied Amount	Date
2642	HQ	1.00 no	02	2000	1.00 no	08/28/2000
--	Total:	1.00 no	--	--	1.00 no	--

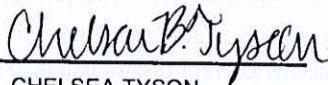
CERTIFICATION OF PARTICIPANTS

 MILLENNIUM FARMS PARTNERSHIP	<u>11-7-20</u> DATE
--	------------------------

CERTIFICATION OF:

CONSERVATION DISTRICT  WORCESTER SCD	<u>12/10/20</u> DATE
---	-------------------------

DISTRICT CONSERVATIONIST - NRCS  NELSON BRICE	<u>12/9/2020</u> DATE
--	--------------------------

CERTIFIED CONSERVATION PLANNER  CHELSEA TYSON	<u>10/26/2020</u> DATE
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PUBLIC BURDEN STATEMENT

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Washington, DC 20250-9410

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Report—Map Unit Description (Brief, Generated)

Worcester County, Maryland

Map Unit: EvB--Evesboro loamy sand, 2 to 5 percent slopes

Component: Evesboro (75%)

The Evesboro component makes up 75 percent of the map unit. Slopes are 2 to 5 percent. This component is on flats, uplands. The parent material consists of sandy eolian deposits and/or fluvio-marine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is excessively drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 4s. Irrigated land capability classification is 3s. This soil does not meet hydric criteria.

Component: Runclint (10%)

Generated brief soil descriptions are created for major soil components. The Runclint soil is a minor component.

Component: Cedartown (5%)

Generated brief soil descriptions are created for major soil components. The Cedartown soil is a minor component.

Component: Galloway (5%)

Generated brief soil descriptions are created for major soil components. The Galloway soil is a minor component.

Component: Fort Mott (5%)

Generated brief soil descriptions are created for major soil components. The Fort Mott soil is a minor component.

Map Unit: FadA--Fallsington sandy loams, 0 to 2 percent slopes, Northern Tidewater Area

Component: Fallsington, undrained (48%)

The Fallsington, undrained component makes up 48 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on coastal plains. The parent material consists of loamy fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is occasionally ponded. A seasonal zone of water saturation is at 5 inches (depth from the mineral surface is 3 inches) during January, February, March, April. Organic matter content in the surface horizon is about 68 percent. Nonirrigated land capability classification is 5w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Fallsington, drained (27%)

The Fallsington, drained component makes up 27 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on coastal plains. The parent material consists of loamy fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is rarely ponded. A seasonal zone of water saturation is at 14 inches during January, February, March, April. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3w. Irrigated land capability classification is 3w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Woodstown (9%)

Generated brief soil descriptions are created for major soil components. The Woodstown soil is a minor component.

Component: Othello (8%)

Generated brief soil descriptions are created for major soil components. The Othello soil is a minor component.

Component: Hammonton (8%)

Generated brief soil descriptions are created for major soil components. The Hammonton soil is a minor component.

Map Unit: HmA--Hammonton loamy sand, 0 to 2 percent slopes

Component: Hammonton (80%)

The Hammonton component makes up 80 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, uplands. The parent material consists of loamy fluviomarine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during February. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2w. Irrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Ingleside (5%)

Generated brief soil descriptions are created for major soil components. The Ingleside soil is a minor component.

Component: Hurlock, drained (5%)

Generated brief soil descriptions are created for major soil components. The Hurlock, drained soil is a minor component.

Component: Rosedale (5%)

Generated brief soil descriptions are created for major soil components. The Rosedale soil is a minor component.

Component: Klej (5%)

Generated brief soil descriptions are created for major soil components. The Klej soil is a minor component.

Map Unit: KsA--Klej loamy sand, 0 to 2 percent slopes

Component: Klej (70%)

The Klej component makes up 70 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, uplands. The parent material consists of sandy eolian deposits and/or fluviomarine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during February. Organic matter content in the surface horizon is about 0 percent. Nonirrigated land capability classification is 3w. Irrigated land capability classification is 3w. This soil does not meet hydric criteria.

Component: Galloway (10%)

Generated brief soil descriptions are created for major soil components. The Galloway soil is a minor component.

Component: Galloway (10%)

Generated brief soil descriptions are created for major soil components. The Galloway soil is a minor component.

Component: Hammonton (5%)

Generated brief soil descriptions are created for major soil components. The Hammonton soil is a minor component.

Component: Runclint (5%)

Generated brief soil descriptions are created for major soil components. The Runclint soil is a minor component.

Component: Hurlock, drained (5%)

Generated brief soil descriptions are created for major soil components. The Hurlock, drained soil is a minor component.

Component: Berryland, drained (5%)

Generated brief soil descriptions are created for major soil components. The Berryland, drained soil is a minor component.

Map Unit: MuA--Mullica-Berryland complex, 0 to 2 percent slopes

Component: Mullica, drained (26%)

The Mullica, drained component makes up 26 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, uplands. The parent material consists of sandy and loamy fluviomarine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is rarely ponded. A seasonal zone of water saturation is at 5 inches during January, February, March. Organic matter content in the surface horizon is about 16 percent. Nonirrigated land capability classification is 2w. Irrigated land capability classification is 2w. This soil meets hydric criteria.

Component: Berryland, drained (24%)



The Berryland, drained component makes up 24 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, uplands. The parent material consists of sandy eolian deposits and/or fluviomarine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is rarely ponded. A seasonal zone of water saturation is at 5 inches during January, February, March. Organic matter content in the surface horizon is about 11 percent. Nonirrigated land capability classification is 2w. Irrigated land capability classification is 2w. This soil meets hydric criteria.

Component: Mullica, undrained (16%)

The Mullica, undrained component makes up 16 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, uplands. The parent material consists of sandy and loamy fluviomarine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 2 inches during January, February, March, April. Organic matter content in the surface horizon is about 66 percent. Below this thin organic horizon the organic matter content is about 16 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria.

Component: Berryland, undrained (14%)

The Berryland, undrained component makes up 14 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, uplands. The parent material consists of sandy eolian deposits and/or fluviomarine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 2 inches (depth from the mineral surface is 0 inches) during January, February, March, April. Organic matter content in the surface horizon is about 68 percent. Below this thin organic horizon the organic matter content is about 11 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria.

Component: Klej (10%)

Generated brief soil descriptions are created for major soil components. The Klej soil is a minor component.

Component: Galloway (5%)

Generated brief soil descriptions are created for major soil components. The Galloway soil is a minor component.

Component: Askecksy, drained (5%)

Generated brief soil descriptions are created for major soil components. The Askecksy, drained soil is a minor component.

Map Unit: RoA--Rosedale loamy sand, 0 to 2 percent slopes

Component: Rosedale (75%)

The Rosedale component makes up 75 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, uplands. The parent material consists of sandy eolian deposits over fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 45 inches during January. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2s. Irrigated land capability classification is 2s. This soil does not meet hydric criteria.

Component: Evesboro (10%)

Generated brief soil descriptions are created for major soil components. The Evesboro soil is a minor component.

Component: Klej (5%)

Generated brief soil descriptions are created for major soil components. The Klej soil is a minor component.

Component: Galloway (5%)

Generated brief soil descriptions are created for major soil components. The Galloway soil is a minor component.

Component: Hambrook (5%)

Generated brief soil descriptions are created for major soil components. The Hambrook soil is a minor component.

Map Unit: Za--Zekiah sandy loam, frequently flooded

Component: Zekiah (75%)

The Zekiah component makes up 75 percent of the map unit. Slopes are 0 to 1 percent. This component is on flood plains, coastal plains. The parent material consists of loamy alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is frequently flooded. It is frequently ponded. A seasonal zone of water saturation is at 5 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 5w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Longmarsh (10%)

Generated brief soil descriptions are created for major soil components. The Longmarsh soil is a minor component.

Component: Fallsington, undrained (5%)

Generated brief soil descriptions are created for major soil components. The Fallsington, undrained soil is a minor component.

Component: Hammonton (5%)

Generated brief soil descriptions are created for major soil components. The Hammonton soil is a minor component.

Component: Askecksy, undrained (5%)

Generated brief soil descriptions are created for major soil components. The Askecksy, undrained soil is a minor component.

Data Source Information

Soil Survey Area: Worcester County, Maryland

Survey Area Data: Version 18, Jun 11, 2020

Pure Country/Amen Corner Farm



WORCESTER COUNTY SERVICE CENTER
 304 COMMERCE ST
 SNOW HILL, MD 21863-1008
 (410) 632-5439

Conservation Plan

AMEN CORNER LLC
 2018 BOSTON ROAD
 POCOMOKE CITY, MD 21851

OBJECTIVE(S)

This farm is located on tax map 0084 and includes tax parcel 0052 lot 3; totaling approximately 33.8 acres with 6.4 acres tillable cropland. Cropland is managed separately and all manure produced by the poultry operation is exported. The poultry production area is owned by Amen Corner LLC and operated by Jason Lambertson. The objective of plan construction is to ensure no major resource concerns exist during agricultural operation. This farm is part of a large CAFO poultry operation (AI#67209) of 346,999 chickens. This farm contains 148,000 broilers at five flocks/year and 53,333 pullets at 2 flocks/year with Tyson. After completing an Environmental Evaluation site visit of the poultry operation, it was concluded that no resource concerns have been found at this time. This conservation plan update is being completed in accordance with the Comprehensive Nutrient Management Plan also being updated for the CAFO permit.

Animal Mortality Facility (316)

A dead bird composting facility has been constructed for the economical and environmentally safe disposal of dead poultry. The structure was built according to NRCS standards and specifications and has been maintained as described in the Operation and Maintenance plan.

Tract	Field	Planned Amount	Month	Year	Applied Amount	Date
2641	HQ	1.00 no	12	2017	1.00 no	03/03/2017
--	Total:	1.00 no	--	--	1.00 no	--

Comprehensive Nutrient Management Plan - Written (102)

Obtain a comprehensive nutrient management plan (CNMP) that describes and documents a conservation system within a conservation plan that is unique to animal feeding operations. The CNMP addresses all aspects of the Animal Feeding Operation including manure handling, nutrient management, feed management, and other conservation practices. Maryland Department of the Environment requires that a CNMP that is developed to meet EPA/MDE CAFO regulatory requirements to control soil erosion and protect water quality must be implemented as scheduled. Any CNMP components that are funded through cost-share programs must also be implemented as scheduled.

Tract	Field	Planned Amount	Month	Year	Applied Amount	Date
2641	HQ	1.00 no	8	2020		
--	Total:	1.00 no	--	--		--

Heavy Use Area Protection (561)

A heavy use area (poultry pad) has been constructed at the location(s) shown on the plan map where poultry manure and other waste products are handled. The poultry pad protects the soil from erosion and reduces nutrient contamination of surface and groundwater. The pads have been designed and installed according to NRCS standards and specifications and will continue to be maintained according to the attached Operation and Maintenance plan. EQIP and MACS cost-share utilized for these practices.

Tract	Field	Planned Amount	Month	Year	Applied Amount	Date
2641	HQ	660 sqft	09	2011	660 sqft	09/21/2011
2641	HQ	660 sqft.	09	2011	660 sqft	09/21/2011
2641	HQ ⁹	680 sqft	09	2011	680 sqft	09/21/2011
2641	HQ	680 sqft	09	2011	680 sqft	09/21/2011
2641	HQ	660 sqft	09	2011	660 sqft	09/21/2011
2641	HQ	660 sqft	09	2011	660 sqft	09/21/2011
2641	HQ	680 sqft	09	2011	680 sqft	09/21/2011
2641	HQ	680 sqft	09	2011	680 sqft	09/21/2011
2641	HQ	1440 sqft.	09	2011	1440 sqft.	09/21/2011
2641	HQ	1200 sqft.	09	2011	1200 sqft.	09/21/2011
2641	HQ	1600 sqft	12	2017	1600 sqft	03/02/2017
2641	HQ	1600 sqft	12	2017	1600 sqft	03/02/2017
2641	HQ	1600 sqft	12	2017	1600 sqft	03/02/2017
2641	HQ	1600 sqft	12	2017	1600 sqft	03/02/2017
2641	HQ	1600 sqft	12	2017	1600 sqft	03/02/2017
2641	HQ	1600 sqft	12	2017	1600 sqft	03/02/2017
2641	HQ	1600 sqft	12	2017	1600 sqft	03/02/2017
2641	HQ	1600 sqft	12	2017	1600 sqft	03/02/2017
2641	HQ	1600 sqft	12	2017	1600 sqft	03/02/2017
2641	HQ	1600 sqft	12	2017	--	--
--	Total:	24,000 sqft	--	--	22,400 sqft	--

Waste Storage Facility (313)

A manure storage structure has been constructed at the location shown on the plan map. The structure has been built according to NRCS design and operated and maintained in accordance with a Comprehensive Nutrient Management Plan or Waste Management System plan developed for this operation. All necessary permits and notifications were obtained before construction. NOTE: This is one manure shed that was expanded in 2011.

Tract	Field	Planned Amount	Month	Year	Applied Amount	Date
2641	HQ	1.00 no	07	1987	1.00 no	06/09/1988
2641	HQ	1.00 no	09	2011	1.00 no	08/29/2011
--	Total:	2.00 no	--	--	2.00 no	--

Waste Storage Facility (313)

A manure storage structure has been constructed at the location shown on the plan map. The structure has been built according to NRCS design and operated and maintained in accordance with a Comprehensive Nutrient Management Plan or Waste Management System plan developed for this operation. All necessary permits and notifications were obtained before construction.

Tract	Field	Planned Amount	Month	Year	Applied Amount	Date
2641	HQ	1.00 no	03	2017	1.00 no	03/03/2017
--	Total:	1.00 no	--	--	1.00 no	--

CERTIFICATION OF PARTICIPANTS

M. Wayne Lambertson 11-11-20 20
AMEN CORNER LLC DATE
C/O M. WAYNE LAMBERTSON

CERTIFICATION OF:

CONSERVATION DISTRICT
David D. Henderson 12/10/20
WORCESTER SCD DATE

DISTRICT CONSERVATIONIST - NRCS
Mike for Nelson Brice 12/9/2020
NELSON BRICE DATE

CERTIFIED CONSERVATION PLANNER
Chelsea Tyson 10/26/2020
CHELSEA TYSON DATE

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USDA Office of the Assistant Secretary for Civil Rights

1400 Independence Avenue, SW.

Washington, DC 20250-9410

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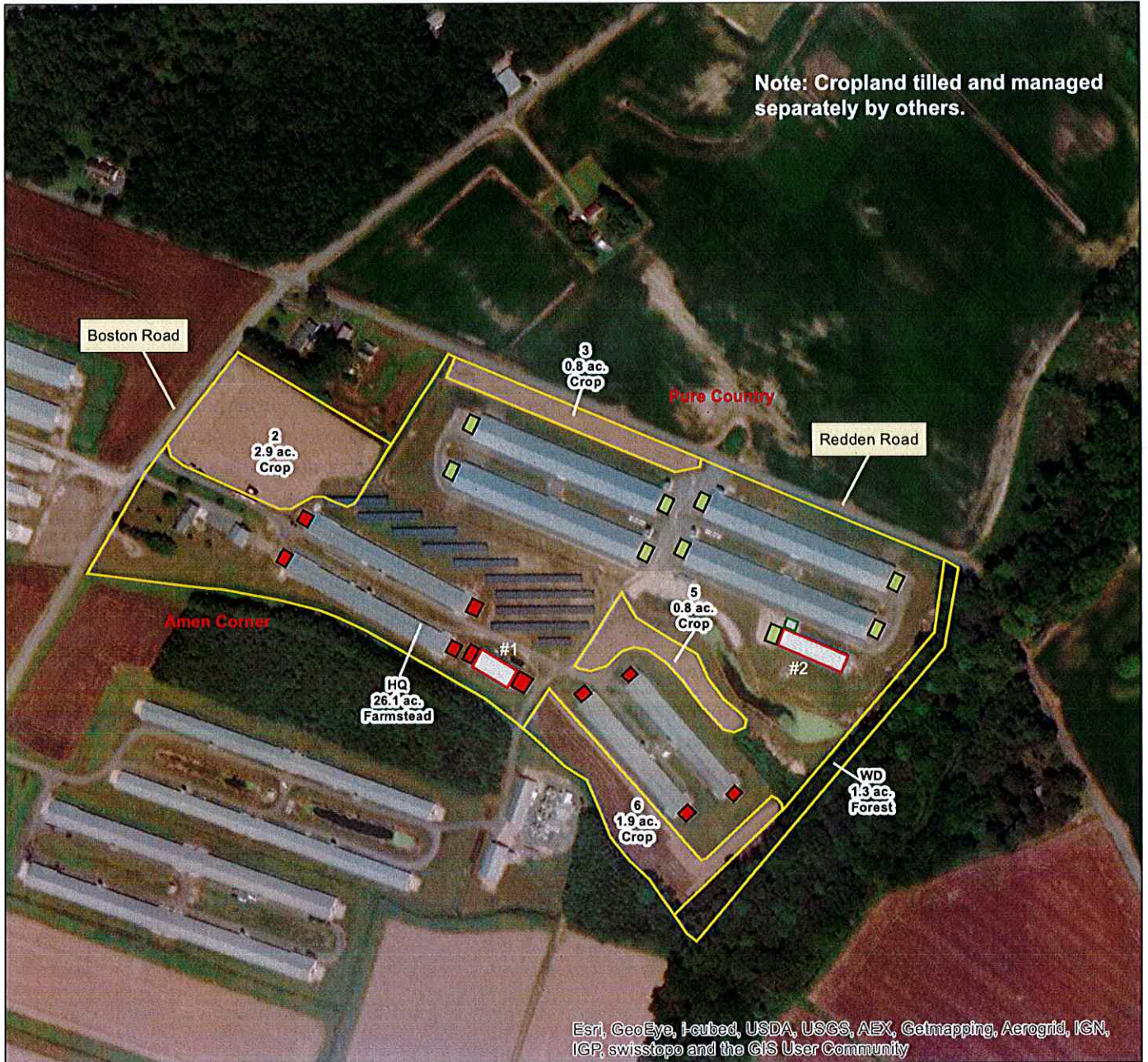
Conservation Plan Map

Date: 8/13/2020

Owner: AMEN CORNER LLC
 Operator: JASON LAMBERTSON
 Approximate Acres: 33.8

OPID: 3305
 Farm: 2965
 Tract: 2641

Agency: MDA/NRCS
 District: WORCESTER SCD
 Assisted By: CHELSEA TYSON



Esri, GeoEye, I-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo and the GIS User Community

Prepared with assistance from USDA-Natural Resources Conservation Service



Practice Schedule PLUs

Legend	
	PWSS#1 40'x124' (1988/2011)
	PWSS#2 40'x184' (2017)
	DPCF 24' channel (2017)
	(10) HUA (2011) 8,000sqft.
	(9) HUA (2017) 8,000 sqft.



Soils Map

Date: 8/13/2020

Owner: AMEN CORNER LLC
Operator: JASON LAMBERTSON
Approximate Acres: 33.8

OPID: 3305
Farm: 2965
Tract: 2641

Agency: MDA/NRCS
District: WORCESTER SCD
Assisted By: CHELSEA TYSON



Prepared with assistance from USDA-Natural Resources Conservation Service



	Practice Schedule PLUs
	Soil Mapunit



Map Unit Description (Brief, Generated)

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The Map Unit Description (Brief, Generated) report displays a generated description of the major soils that occur in a map unit. Descriptions of non-soil (miscellaneous areas) and minor map unit components are not included. This description is generated from the underlying soil attribute data.

Additional information about the map units described in this report is available in other Soil Data Mart reports, which give properties of the soils and the limitations, capabilities, and potentials for many uses. Also, the narratives that accompany the Soil Data Mart reports define some of the properties included in the map unit descriptions.

Report—Map Unit Description (Brief, Generated)

Worcester County, Maryland

Map Unit: CeB--Cedartown-Rosedale complex, 2 to 5 percent slopes

Component: Cedartown (55%)

The Cedartown component makes up 55 percent of the map unit. Slopes are 2 to 5 percent. This component is on flats, uplands. The parent material consists of sandy eolian deposits and/or fluviomarine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat excessively drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 45 inches during January. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3s. Irrigated land capability classification is 2s. This soil does not meet hydric criteria.

Component: Rosedale (25%)

The Rosedale component makes up 25 percent of the map unit. Slopes are 2 to 5 percent. This component is on flats, uplands. The parent material consists of sandy eolian deposits over fluviomarine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 45 inches during January. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2s. Irrigated land capability classification is 2s. This soil does not meet hydric criteria.

Component: Runclint (10%)



Generated brief soil descriptions are created for major soil components. The Runclint soil is a minor component.

Component: Evesboro (5%)

Generated brief soil descriptions are created for major soil components. The Evesboro soil is a minor component.

Component: Galestown (5%)

Generated brief soil descriptions are created for major soil components. The Galestown soil is a minor component.

Map Unit: EvB--Evesboro loamy sand, 2 to 5 percent slopes

Component: Evesboro (75%)

The Evesboro component makes up 75 percent of the map unit. Slopes are 2 to 5 percent. This component is on flats, uplands. The parent material consists of sandy eolian deposits and/or fluviomarine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is excessively drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 4s. Irrigated land capability classification is 3s. This soil does not meet hydric criteria.

Component: Runclint (10%)

Generated brief soil descriptions are created for major soil components. The Runclint soil is a minor component.

Component: Cedartown (5%)

Generated brief soil descriptions are created for major soil components. The Cedartown soil is a minor component.

Component: Galloway (5%)

Generated brief soil descriptions are created for major soil components. The Galloway soil is a minor component.

Component: Fort Mott (5%)

Generated brief soil descriptions are created for major soil components. The Fort Mott soil is a minor component.

Map Unit: EvD--Evesboro loamy sand, 5 to 15 percent slopes

Component: Evesboro (75%)

The Evesboro component makes up 75 percent of the map unit. Slopes are 5 to 15 percent. This component is on knolls, uplands. The parent material consists of sandy eolian deposits and/or fluviomarine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is excessively drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 6e. Irrigated land capability classification is 6e. This soil does not meet hydric criteria.

Component: Runclint (10%)

Generated brief soil descriptions are created for major soil components. The Runclint soil is a minor component.

Component: Galloway (5%)

Generated brief soil descriptions are created for major soil components. The Galloway soil is a minor component.

Component: Cedartown (5%)



Generated brief soil descriptions are created for major soil components. The Cedartown soil is a minor component.

Component: Fort Mott (5%)

Generated brief soil descriptions are created for major soil components. The Fort Mott soil is a minor component.

Map Unit: FadA--Fallsington sandy loams, 0 to 2 percent slopes, Northern Tidewater Area

Component: Fallsington, undrained (48%)

The Fallsington, undrained component makes up 48 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on coastal plains. The parent material consists of loamy fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is occasionally ponded. A seasonal zone of water saturation is at 5 inches (depth from the mineral surface is 3 inches) during January, February, March, April. Organic matter content in the surface horizon is about 68 percent. Nonirrigated land capability classification is 5w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Fallsington, drained (27%)

The Fallsington, drained component makes up 27 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on coastal plains. The parent material consists of loamy fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is rarely ponded. A seasonal zone of water saturation is at 14 inches during January, February, March, April. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3w. Irrigated land capability classification is 3w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Woodstown (9%)

Generated brief soil descriptions are created for major soil components. The Woodstown soil is a minor component.

Component: Othello (8%)

Generated brief soil descriptions are created for major soil components. The Othello soil is a minor component.

Component: Hammonton (8%)

Generated brief soil descriptions are created for major soil components. The Hammonton soil is a minor component.

Map Unit: HmA--Hammonton loamy sand, 0 to 2 percent slopes

Component: Hammonton (80%)

The Hammonton component makes up 80 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, uplands. The parent material consists of loamy fluviomarine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during February. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2w. Irrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Ingleside (5%)



Generated brief soil descriptions are created for major soil components. The Ingleside soil is a minor component.

Component: Hurlock, drained (5%)

Generated brief soil descriptions are created for major soil components. The Hurlock, drained soil is a minor component.

Component: Rosedale (5%)

Generated brief soil descriptions are created for major soil components. The Rosedale soil is a minor component.

Component: Klej (5%)

Generated brief soil descriptions are created for major soil components. The Klej soil is a minor component.

Map Unit: KsA--Klej loamy sand, 0 to 2 percent slopes

Component: Klej (70%)

The Klej component makes up 70 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, uplands. The parent material consists of sandy eolian deposits and/or fluviomarine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during February. Organic matter content in the surface horizon is about 0 percent. Nonirrigated land capability classification is 3w. Irrigated land capability classification is 3w. This soil does not meet hydric criteria.

Component: Galloway (10%)

Generated brief soil descriptions are created for major soil components. The Galloway soil is a minor component.

Component: Galloway (10%)

Generated brief soil descriptions are created for major soil components. The Galloway soil is a minor component.

Component: Hammonton (5%)

Generated brief soil descriptions are created for major soil components. The Hammonton soil is a minor component.

Component: Runclint (5%)

Generated brief soil descriptions are created for major soil components. The Runclint soil is a minor component.

Component: Hurlock, drained (5%)

Generated brief soil descriptions are created for major soil components. The Hurlock, drained soil is a minor component.

Component: Berryland, drained (5%)

Generated brief soil descriptions are created for major soil components. The Berryland, drained soil is a minor component.

Map Unit: RoA--Rosedale loamy sand, 0 to 2 percent slopes

Component: Rosedale (75%)

The Rosedale component makes up 75 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, uplands. The parent material consists of sandy eolian deposits over fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 45 inches during January. Organic matter

content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2s. Irrigated land capability classification is 2s. This soil does not meet hydric criteria.

Component: Evesboro (10%)

Generated brief soil descriptions are created for major soil components. The Evesboro soil is a minor component.

Component: Klej (5%)

Generated brief soil descriptions are created for major soil components. The Klej soil is a minor component.

Component: Galloway (5%)

Generated brief soil descriptions are created for major soil components. The Galloway soil is a minor component.

Component: Hambrook (5%)

Generated brief soil descriptions are created for major soil components. The Hambrook soil is a minor component.

Data Source Information

Soil Survey Area: Worcester County, Maryland

Survey Area Data: Version 18, Jun 11, 2020



Millennium & Raven
Farm T2642
Boston Road,
Pocomoke City, MD 21851
Account ID Number: [REDACTED]
Total Farmed Acres: 0

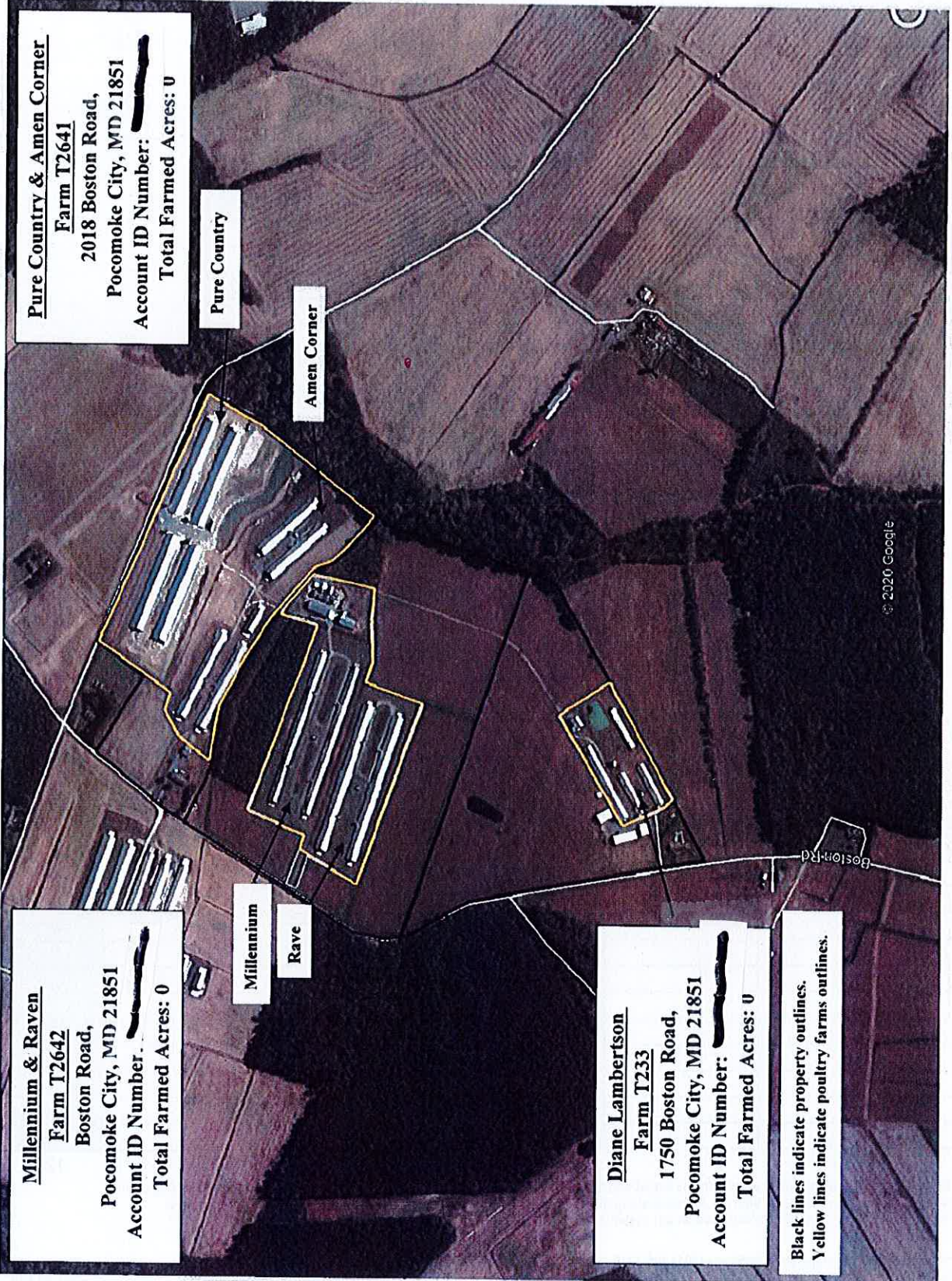
Millennium
Rave

Pure Country & Amen Corner
Farm T2641
2018 Boston Road,
Pocomoke City, MD 21851
Account ID Number: [REDACTED]
Total Farmed Acres: 0

Pure Country
Amen Corner

Diane Lambertson
Farm T233
1750 Boston Road,
Pocomoke City, MD 21851
Account ID Number: [REDACTED]
Total Farmed Acres: 0

Black lines indicate property outlines.
Yellow lines indicate poultry farms outlines.



POULTRY LITTER QUANTITY ESTIMATE

Name: **Jason Lamberts** Tract / Farm: **Pure Country Farm 1** Date: **8/18/2020**

Houses included: **4** Bird type: **Broiler**
Average Bird Market Weight (lbs): 6.5

A.	Years between total cleanouts: Yr. next total cleanout:	2023
	- Yr. last total cleanout:	2019
	= Years in cleanout cycle:	4
B.	Total # of birds per flock (for all houses on this cleanout cycle):	148,000
C.	Flocks per year	5
D.	Number of flocks per cleanout cycle (A x C):	20
E.	Estimated tons of cake/crust per 1000 birds per flock: *	0.2
F.	Estimated tons of litter + cake/crust per 1000 birds per flock: *	1.33275
G.	Tons cake/crust produced per flock (B x E/1000):	30
H.	Tons cake/crust produced per cycle (G x D)	592
I.	Tons litter + cake/crust produced per cycle (B x D x F/1000):	3,945
J.	Tons of litter produced per cycle (less cakeout/crustout) (I - H):	3,353
K.	Tons of litter produced per year (less cakeout/crustout) (J/A):	838
L.	Tons of litter + cake/crust produced per year (I/A)	986

* 2007 Delmarva Poultry Litter Production Estimates, George W. Malone, University of Delaware, Georgetown Delaware.

Quantity of Poultry Litter, Cake/Crust Available per Year

Year	M Tons of litter remaining in the house from last year (N-P) + (R-S) (previous year)	N Total tons of litter present in the house this year (K) + (M, this year)	O % of partial or total litter to be removed this year in excess of cakeout/crustout (enter % of N removed)	P Tons of litter removed this year (N x O)/100	Q Flocks this Year	R *** Tons Cake/Crust Produced this Year (Q x G)	S Tons Cake/Crust removed this Year	T Tons litter + cake/crust removed this year (P + S)
2020	0	838	0	0	5	148	30	30
2021	956	1,794	100	1,794	6	178	30	1,824
2022	148	986	0	0	5	148	30	30
2023	1,104	1,942	100	1,942	6	178	30	1,972
				3,737	22	651	120	3,857

*** Cake/Crust not removed due to windrowing, is added with the litter remaining in the house the following year. Windrowing may likely result in actual quantities of litter being less than the estimates shown here. The actual amount of Cake/Crust removed may also be less than the estimated amounts produced due to improved drinker systems, ventilation, etc.

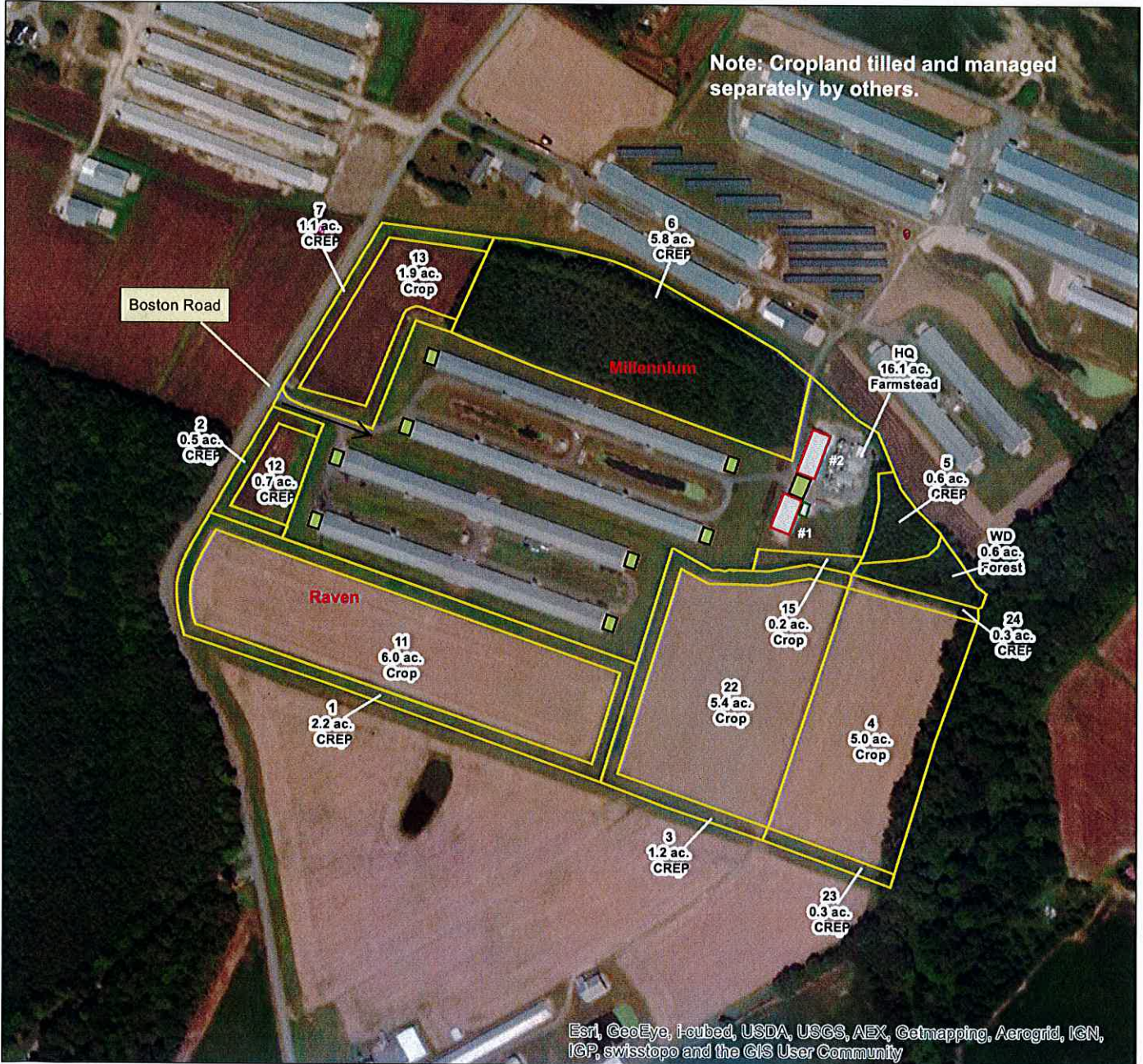
Conservation Plan Map

Date: 8/10/2020

Owner: MILLENNIUM FARMS PARTNERSHIP
 Operator: JASON LAMBERTSON
 Approximate Acres: 47.3

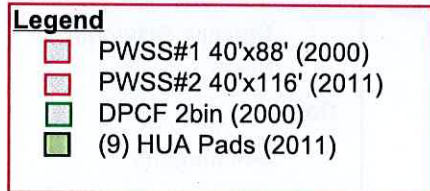
OPID: 3332
 Farm: 2966
 Tract: 2642

Agency: MDA/NRCS
 District: WORCESTER SCD
 Assisted By: CHELSEA TYSON



Esri, GeoEye, I-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo and the GIS User Community

Prepared with assistance from USDA-Natural Resources Conservation Service



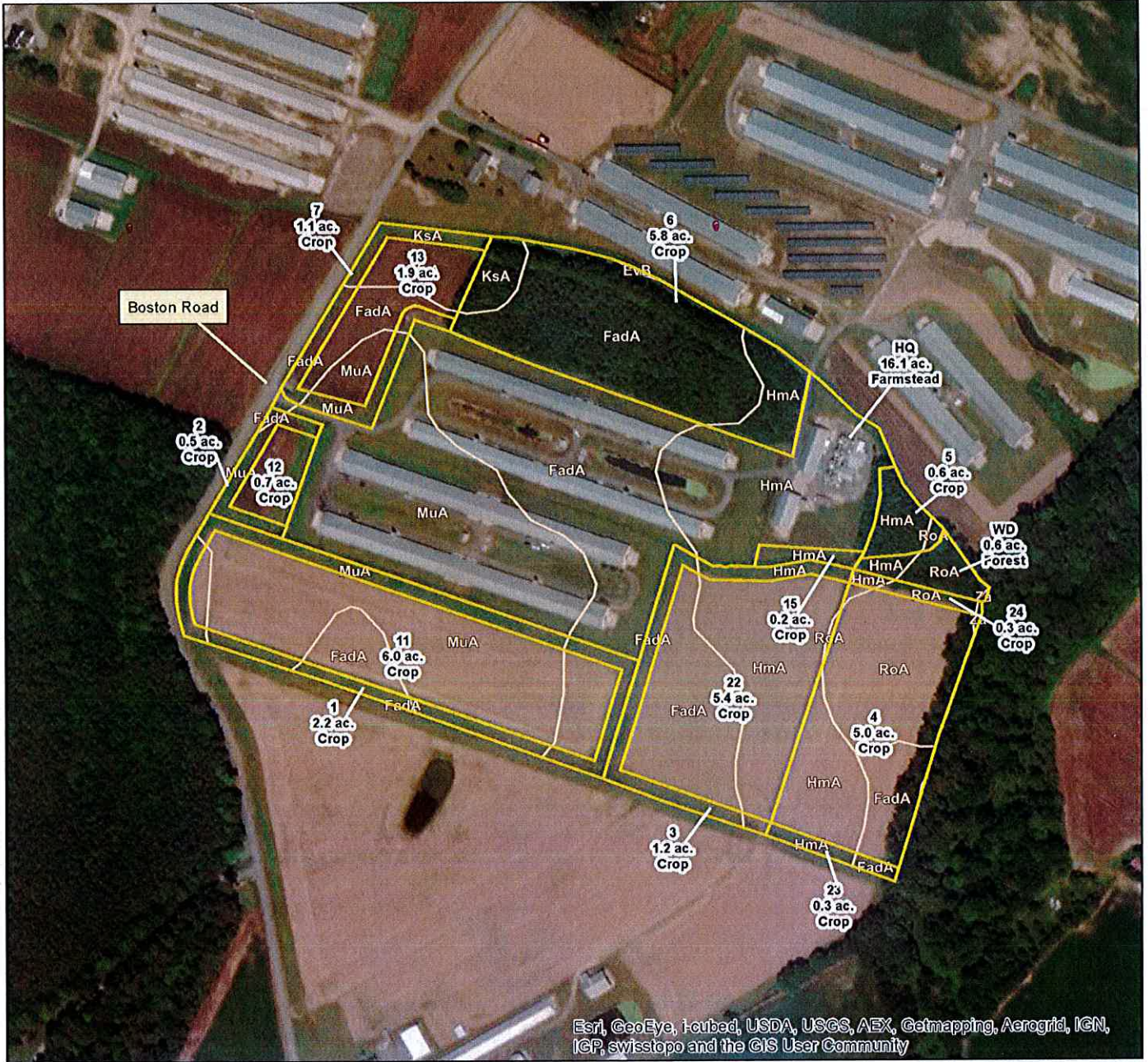
Soils Map

Date: 8/10/2020

Owner: MILLENNIUM FARMS PARTNERSHIP
 Operator: JASON LAMBERTSON
 Approximate Acres: 47.3

OPID: 3332
 Farm: 2966
 Tract: 2642

Agency: MDA/NRCS
 District: WORCESTER SCD
 Assisted By: CHELSEA TYSON



Esri, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, ICP, swisstopo and the GIS User Community

Prepared with assistance from USDA-Natural Resources Conservation Service



	Practice Schedule PLUs
Soils	
	Soil Mapunit



Conservation Plan Map

Date: 8/6/2020

Owner: DIANE LAMBERTSON REVOCABLE TRUST
 Operator: JASON LAMBERTSON
 Approximate Acres: 28.7

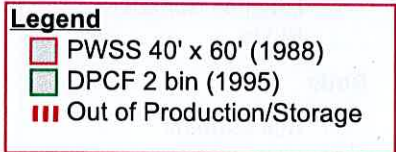
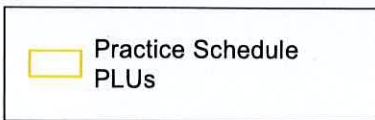
OPID: 3314
 Farm: 1046
 Tract: 233

Agency: MDA/NRCS
 District: WORCESTER SCD
 Assisted By: CHELSEA TYSON



Esri, GeoEye, I-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo and the GIS User Community

Prepared with assistance from USDA-Natural Resources Conservation Service



Soils Map

Date: 8/7/2020

Owner: DIANE LAMBERTSON REVOCABLE TRUST
 Operator: JASON LAMBERTSON
 Approximate Acres: 28.7

OPID: 3314
 Farm: 1046
 Tract: 233

Agency: MDA/NRCS
 District: WORCESTER SCD
 Assisted By: CHELSEA TYSON



Prepared with assistance from USDA-Natural Resources Conservation Service



	Practice Schedule PLUs
Soils	
	Soil Mapunit



Water Conveyance Map

Date: 8/13/2020

Owner: AMEN CORNER LLC
 Operator: JASON LAMBERTSON
 Approximate Acres: 33.8

OPID: 3305
 Farm: 2965
 Tract: 2641

Agency: MDA/NRCS
 District: WORCESTER SCD
 Assisted By: CHELSEA TYSON



Prepared with assistance from USDA-Natural Resources Conservation Service



Practice Schedule PLUs

Legend
 Drainage Swale



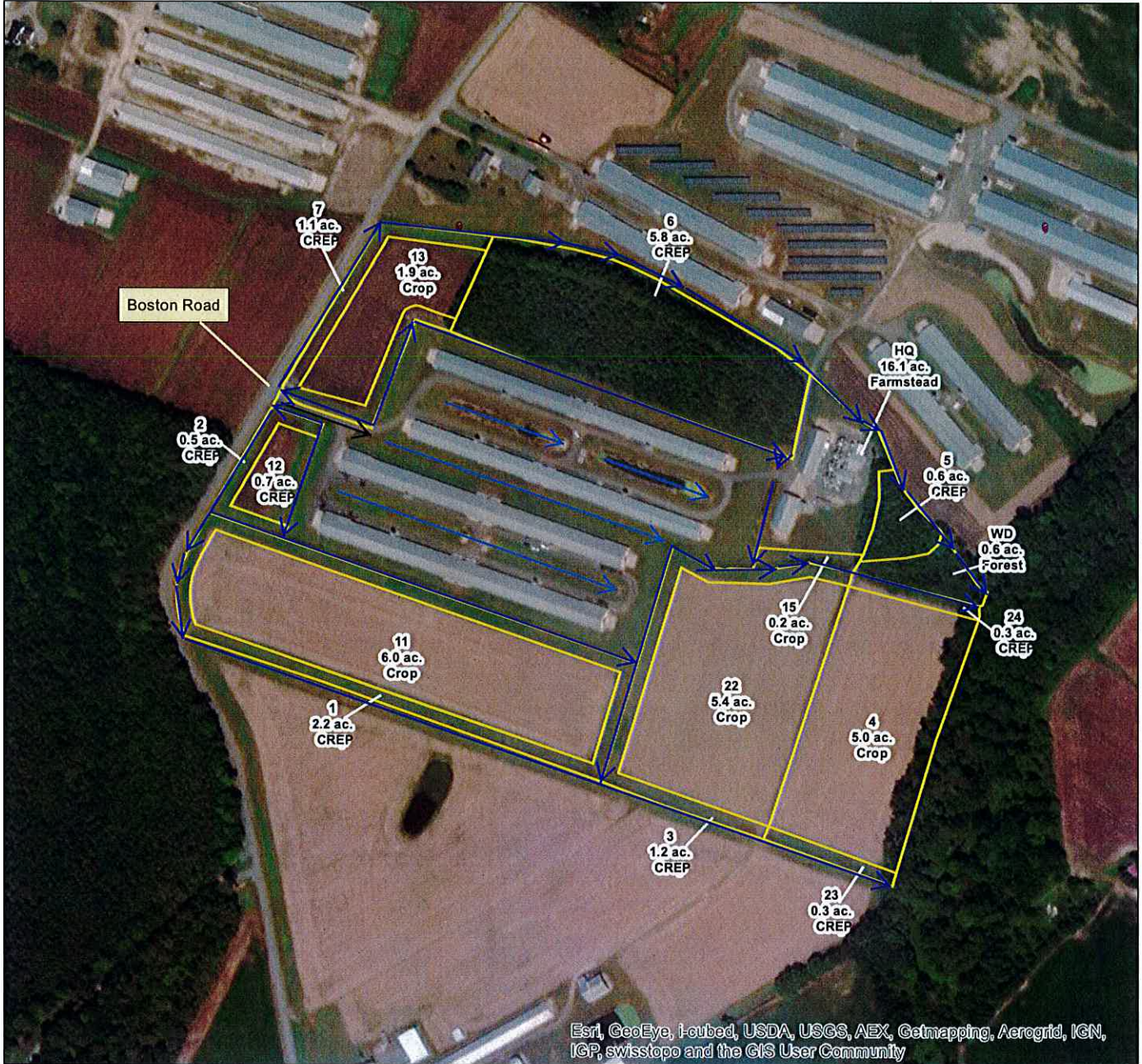
Water Conveyance Map

Date: 8/10/2020

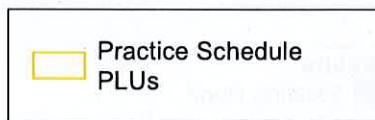
Owner: MILLENNIUM FARMS PARTNERSHIP
 Operator: JASON LAMBERTSON
 Approximate Acres: 47.3

OPID: 3332
 Farm: 2966
 Tract: 2642

Agency: MDA/NRCS
 District: WORCESTER SCD
 Assisted By: CHELSEA TYSON



Prepared with assistance from USDA-Natural Resources Conservation Service



Water Conveyance Map

Date: 8/6/2020

Owner: DIANE LAMBERTSON REVOCABLE TRUST
 Operator: JASON LAMBERTSON
 Approximate Acres: 28.7

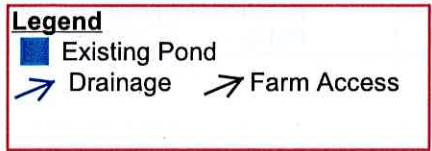
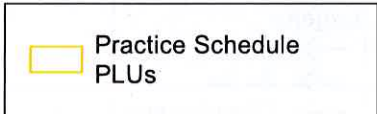
OPID: 3314
 Farm: 1046
 Tract: 233

Agency: MDA/NRCS
 District: WORCESTER SCD
 Assisted By: CHELSEA TYSON



Esri, GeoEye, I-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo and the GIS User Community

Prepared with assistance from USDA-Natural Resources Conservation Service



TALBOT SOIL CONSERVATION DISTRICT
28577 Marys Court • Suite 3 • Easton, Maryland 21601 410-822-1577 x 5 •
<http://www.talbotscd.com>

NUTRIENT MANAGEMENT PLAN

for

Jason Lambertson

**Pure Country, Amen Corner, Millemium, Raven, Diane Lambertson
Farms**

(Mail)1536 Buck Harbor Road

Pocomoke City, MD 21851

(Farm)Boston Road

Pocomoke City, MD 21851

DESCRIPTION OF OPERATION: This plan is for a CAFO no-land poultry operation located in Worcester County. It includes 5 adjoining farms-one growing broilers and four growing pullets. They are as follows:

Pure Country Farm-four houses-broilers-total capacity 148,000.

Diane Lambertson Farm-three houses-pullets-total capacity 19,000.

Amen Corner Farm-four houses-pullets-total capacity 53,333.

Millenium Farm-two houses-pullets-total capacity 53,333.

Raven Farm-two houses-pullets-total capacity 53,333.

Cropland associated with this property-approximately 54 acres- is rented by the following operator and must be included in their nutrient management plan:

Twin Oak Farms, Inc
1750 Boston Road
Pocomoke City, MD 21851

This nutrient management plan is one of the required plans needed for a CAFO permit 19AF. **It is Mr. Lambertson's responsibility to send a copy of this plan to Maryland Department of the Environment (MDE) and Maryland Department of Agriculture Nutrient Management Program. Reference AI ID # : 67209.**

DATE OF PLAN: October 19, 2023

DURATION OF PLAN: October 19, 2023-October 18, 2026

An immediate update will be needed if a change in average annual number of **animal units** of 10 percent or greater occurs and if resultant manure production will require significant management adjustments.

MANURE SAMPLING AND TESTING: Maryland Department of the Environment and the Environmental Protection Agency require that CAFO operations have a copy of an analysis of the manure generated on the operation in their records. Operator may either collect a sample of manure before it is transported off-farm and obtain an analysis or obtain a copy of the manure analysis from one of the persons who will be receiving the manure from the operation. A copy of each year's manure analysis must be submitted with each year's Annual Implementation Report (AIR).

MANURE MANAGEMENT: Manure that is collected from the poultry houses is stored in the manure sheds until it is taken to the receiving farm. This operation includes 5 manure sheds with capacities as follow:

Pure Country Farm- 50'x188' w/2 channel composter-total capacity 47,000 cu. ft.

Diane Lamberston Farm- 40'x60' w/2 bin composter-total capacity 12,000 cu. ft.

Amen Corner Farm- 40'x120' -total capacity 24,000 cu. ft.

Millenium Farm- 40'x116' w/2 bin composter-total capacity 23,200 cu. ft.

Raven Farm- 40'x88' w/2 bin composter-total capacity 17,600 cu. ft.

The operator performs the windrowing method for litter management. In addition to windrowing, Mr. Lambertson performs crustouts once a year or as needed for all houses on the Pure Country farm. The crustout manure is stored in the waste storage structures until utilized by the receiving farmer. Some of the manure is used in the mortality composting units on the farm and some is processed and utilized for composted, bagged product. A complete cleanout occurred in 2021 and the next total cleanout is expected in 2024 for Pure Country Farm and in 2026 for all of the pullet farms.

The operator must keep records of the quantity, date, and destination of manure removed from the houses and off the farm. **Manure is exported to the following receiving facility or farm as available:** Twin Oak Farms, Inc., 1750 Boston Road, Pocomoke City, MD 21851 OR: Ellis Farms, Inc., 34364 Fox Hound Lane, Millsboro, DE 19966

FIELD STORAGE OF LITTER: Refer to the *General Discharge Permit for Animal Feeding Operations* for information for the requirements for field storage or stacking of litter.

BEST MANAGEMENT PRACTICES: Mr. Lambertson must consult either the USDA-Comprehensive Nutrient Management Plan (CNMP) or Soil Conservation Water Quality Plan for this information.

RECORD KEEPING REQUIREMENTS: The Water Quality Improvement Act requires that producers maintain records on manure management, animal numbers, and manure quantity.

The operator must keep records of the quantity, date, and destination of litter as it is removed from the production houses to either storage sheds or off-farm locations. Maryland Department of Agriculture (MDA) requires operators to report this information in their Annual Implementation Report (AIR) due to MDA March 1 each year. The *Litter Removal Data Sheet* in the **Recordkeeping** section of this plan can be used for tracking movement of litter.

Refer to the *General Discharge Permit for Animal Feeding Operations* for information for the type of records that are required by MDE and EPA.

Farm Identification Summary

Farm Name	Tax Account ID Numbers	Watershed Location Code	Total Acres Farmed (Cropland and Pastures)
Broiler Farm: Pure Country Farm T2641	_____	0202 (all farms)	0
Pullet Farms: Amen Corner Farm T2641	_____		
Millenium Farm T 2642	_____		
Raven Farm T 2642	_____		
Diane Lambertson Farm T233	_____		

Manure Summary Table

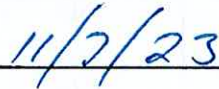
Animal Type and Number	Total Manure Generation (tons/yr)*	Manure Avail. for Utilization (tons/yr)*	Manure Storage Capacity/Conditions
Broiler: Pure Country Farm T2641 148,000 birds/flock x 5 flocks per year = 740,000 total broilers per year	986	2023-30 2024-2781 2025-30 2026-30	50 ft. x 188 ft. manure shed, 2 channel composter -total storage capacity 47,000 cu. ft.
Pullet: Diane Lambertson Farm T233 19,000 birds/flock x 2 flocks per year = 38,000 total pullets per year	255	2023-0 2024-0 2025-0 2026-1273	40 ft. x 60 ft. manure shed, 2 bin composter -total storage capacity 12,000 cu. ft.
Amen Corner Farm T2641 53,333 birds/flock x 2 flocks per year = 106,666 total pullets per	715	2023-0 2024-0 2025-0 2026-3573	40 ft. x 120 ft. manure shed - total capacity 24,000 cu. ft.

year			
Millenium Farm T 2642 53,333 birds/flock x 2 flocks per year = 106,666 total pullets per year	715	2023-0 2024-0 2025-0 2026-3573	40 ft. x 116 ft. manure shed, 2 bin composter – total capacity 23,200 cu. ft.
Raven Farm T2642	715	2023-0 2024-0 2025-0 2026-3573	40 ft. x 88 ft. manure shed, 2 bin composter total capacity 17,600 cu. ft.

*See manure generation sheets



Stephen W. Spielman
Nutrient Management
Advisor/ Certified Consultant
Certification #: 2127
License #: 2413



POULTRY LITTER QUANTITY ESTIMATE

Name: **J Lambertson** Tract / Farm: **Millenium Farm** Date: **10/19/2023**

Houses included: **4** Bird type: **Pullet**
Average Bird Market Weight (lbs): **5.75**

A.	Years between total cleanouts: Yr. next total cleanout:	2026
	- Yr. last total cleanout:	2021
	= Years in cleanout cycle:	5
B.	Total # of birds per flock (for all houses on this cleanout cycle):	53,333
C.	Flocks per year	2
D.	Number of flocks per cleanout cycle (A x C):	10
E.	Estimated tons of cake/crust per 1000 birds per flock: *	0
F.	Estimated tons of litter + cake/crust per 1000 birds per flock: *	6.7
G.	Tons cake/crust produced per flock (B x E/1000):	0
H.	Tons cake/crust produced per cycle (G x D)	0
I.	Tons litter + cake/crust produced per cycle (B x D x F/1000):	3,573
J.	Tons of litter produced per cycle (less cakeout/crustout) (I - H):	3,573
K.	Tons of litter produced per year (less cakeout/crustout) (J/A):	715
L.	Tons of litter + cake/crust produced per year (I/A)	715

* 2007 Delmarva Poultry Litter Production Estimates, George W. Malone, University of Delaware, Georgetown Delaware.

Quantity of Poultry Litter, Cake/Crust Available per Year

Year	M Tons of litter remaining in the house from last year (N-P) + (R-S) (previous year)	N Total tons of litter present in the house this year (K) + (M, this year)	O % of partial or total litter to be removed this year in excess of cakeout/crustout (enter % of N removed)	P Tons of litter removed this year (N x O)/100	Q Flocks this Year	R *** Tons Cake/Crust Produced this Year (Q x G)	S Tons Cake/Crust removed this Year	T Tons litter + cake/crust removed this year (P + S)
2022	0	715	0	0	0	0	0	0
2023	715	1,429	0	0	0	0	0	0
2024	1,429	2,144	0	0	0	0	0	0
2025	2,144	2,859	0	0	0	0	0	0
2026	2,859	3,573	100	3,573	0	0	0	3,573
				3,573	0	0	0	3,573

*** Cake/Crust not removed due to windrowing, is added with the litter remaining in the house the following year. Windrowing may likely result in actual quantities of litter being less than the estimates shown here. The actual amount of Cake/Crust removed may also be less than the estimated amounts produced due to improved drinker systems, ventilation, etc.

Pure Country & Amen Corner
Farm T2641
2018 Boston Road,
Pocomoke City, MD 21851
Account ID Number: [REDACTED]
Total Farmed Acres: 0

Pure Country

Amen Corner

Millennium & Raven
Farm T2642
Boston Road,
Pocomoke City, MD 21851
Account ID Number: [REDACTED]
Total Farmed Acres: 0

Millennium

Rave

Diane Lambertson
Farm T233
1750 Boston Road,
Pocomoke City, MD 21851
Account ID Number: [REDACTED]
Total Farmed Acres: 0

Black lines indicate property outlines.
Yellow lines indicate poultry farms outlines.

