

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 FOR COVERAGE

General Discharge Permit for Animal Feeding Operations (AFOs)

Maryland Permit Number: 25AF

National Pollutant Discharge Elimination System (NPDES) Permit Number: MDG01

Submission of this Notice of Intent (NOI) constitutes notice that the person identified in this form intends to operate under and 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 CAFO discharge permit issued by MDE before beginning construction on any part of a new CAFO. Incomplete Notices of Intent, including unpaid annual fees, may be rejected by MDE.

Please submit this completed NOI Form to the following email address:

cafopermits.mde@maryland.gov

Or mail to:

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

General Information

AI Number: 129364

1. LEGAL Name of Applicant (must match name on required plan):		
H&H Family Farm LLC		
2. AFO Type (check one)	☐ Maryland Animal Feeding Operation (MAFO) ☒ Concentrated Animal Feeding Operation (CAFO)	
3. Applying for (check one):	☒ New Coverage ☐ Continuation of Coverage ☐ Modification of 25AF coverage	
4. Reason for NOI (please fill out corresponding column)		
A. New Coverage	B. Continuation of Coverage (renewal)	C. Modification of 25AF Coverage
☒ New owner/operator ☐ Proposed operation (NO construction may begin until permit coverage is obtained) Date of anticipated start of AFO operation:	☐ No changes in operation ☐ 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 to an organic operation	☐ Expanding ☐ Change in animal number, resulting in change of size category ☐ Change from CAFO to MAFO ☐ Change from MAFO to CAFO ☐ Change from no-land to land ☐ Change from land to no-land Change from conventional to an organic operation

Farm Information

5. Mailing Address of Applicant: 16048 Long Branch Road		
<i>City:</i> Greenwood	<i>State:</i> Delaware	<i>Zip:</i> 19950
6. Applicant Contact Information:		
<i>(Home)</i> _____		
<i>(Cell)</i> _____		
<i>(Email)</i> _____		

Applicant (Owner/Operator Information)

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

7. Farm Name:	Same as Legal Name Newhart Mill Farm Other (Please Specify) _____	
8. Farm Address: 5936 Newhart Mill Road		
<i>City:</i> Rhodesdale	<i>County:</i> Dorchester	<i>Zip Code:</i> 21659
9. Watershed/Hydrologic Unit Code (HUC) (12-digit): 02-13-03-05-0588		
10. Latitude/Longitude of Production Area (Deg/Min/Sec): ____-38____-3546____ / ____75.4326____		

11. 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. house, feedlot, barn, milking parlor, pen)
Poultry Dry Chickens	90,000	Medium	House

12. **Total number of acres controlled by applicant available for land application of manure/litter/process wastewater: Owned: -0- Leased: -0-

****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 from the production area is or may be applied." Land under the control of the AFO owner/operator means:**

- Land that is owned and operated by the applicant; or
- Land the applicant does not own but operates, manages, or otherwise decides how nutrients from the CAFO/MAFO are to be applied, such as through a rental or lease agreement.

**For poultry only (13-16):*

13. *Number of Poultry Houses		4
14. *Combined square footage of all poultry houses:		91,120 sq ft
15. *Date(s) poultry houses constructed: 1980 - 1997 - 2006		
16. *Integrator (check one):		Contact Information
☐ Allen-Harim	☐ Mountaire	Phone: 410-943-3989 Address: 274 Neelson Street Hurlock, MD 21643
☒ Amick	☐ Perdue	
☐ Coleman (Organic)	☐ Tyson	
☐ Other (Please Specify):		

Manure/Mortality Management		
17. Total Manure/Litter/Wastewater generated annually: _____		☒ tons ☐ lbs ☐ gallons
Approx. 785		
18. Total Manure/Litter/Wastewater transported offsite annually: _____		
Varies see NMP		☒ tons ☐ lbs ☐ gallons
19. Total Manure Storage (please list individually):		
A. Type (e.g. shed, lagoon, pit)	B. Capacity (ft ³ , gal)	C. Solid/Liquid
Shed	16,800 cuft	Solid
20. Mortality Management Method		
☒ Compost ☐ Incinerate ☐ Freeze ☐ Other (Please Specify): _____ ☐ Render		

MDEnviroScreen Tool EJ Score

The MDEnviroScreen EJ Score is an overall evaluation of an area's circumstances using environmental and other indicators. Under Section 1-601.1 of the Environment Article, Annotated Code of Maryland, a person applying for coverage under the General Permit for Animal Feeding Operations shall include in the application the EJ Score from the Maryland EJ tool for the census tract where the applicant is seeking a permit. MDEnviroScreen can be accessed at:

https://mde.maryland.gov/Environmental_Justice/Pages/MDEnviroScreen.aspx

21. EJ Score	>50-75
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CAFOs Only - Fees

- Pursuant to COMAR 26.08.04.09-1(J), the first annual fee payment shall be submitted to MDE with the NOI Form. MDE will invoice the applicant for any future permit annual fees owed pursuant to COMAR 26.08.04.09-1. The fees shall be paid annually, no later than the anniversary of the effective date of the permit.
- Annual fees will be based on the size of the operation (see AFO size chart) and are based on Table 1 under regulation 26.08.03.09(3). Medium CAFOs shall pay a \$600 yearly fee and Large CAFOs shall pay a \$1,200 yearly fee. The CAFO AI # and the payment code should be on the check's memo:
 - o Payment Code: AF PCA 13734, Comp Object 5651, Agency Object 5651
- All fees shall be mailed to:

Maryland Department of the Environment
P.O. Box 1417
Baltimore, Maryland 21203-1417

Required Plan and Other Requirements

CAFO permit application requirements at 40 CFR §122.21(i)(1)(x) 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) (25AF, 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.

Pursuant to Section 1-202 of the Environment Article, MDE cannot issue a license or permit an employer with covered employees as defined by § 9-101 of the Labor and Employment Article. The employer shall file with MDE: (1) A certificate of compliance with the Maryland Workers' Compensation Act; or (2) The number of a workers' compensation insurance policy or binder.

Pursuant to Section 1-203(b) of the Environment Article, MDE cannot renew a license or permit to a permittee who has undisputed taxes and unemployment insurance contributions payable to the comptroller or the Secretary of Labor.

Certification

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.

By signing this form, I, the permittee, 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 representatives of MDE to have access to the AFO and associated lots/facilities (farms) for inspection at all reasonable times. I further authorize representatives of MDE to have access to records relating to this application and the AFO and associated lots/facilities (farms) for review and inspection at all reasonable times. I acknowledge that depending on the type of permit applied for, other permits or approvals may be required.

Signature of Permittee:



Date:

7.10.26

Printed Name of Permittee:

H&H Family Farms, LLC Mohammad Ahmed

Title:

Owner

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

COMPREHENSIVE NUTRIENT MANAGEMENT PLAN

FOR

**Newhart Mill Farm
H&H Family Farm LLC**



LOCATION ADDRESS
**5936 Newhart Mill Road
Rhodesdale, Maryland 21659**

MAILING ADDRESS
**16048 Long Branch Road
Greenwood, Delaware 19950**

PREPARED BY

**Dorchester Soil Conservation District
204 Cedar Street, Suite 200
Cambridge, MD 21613**

Plan Date:
July 2026

COMPREHENSIVE NUTRIENT MANAGEMENT PLAN

Newhart Mill Farm

H&H Family Farm LLC

5936 Newhart Mill Road

Rhodesdale, Maryland 21659



MAILING ADDRESS

16048 Long Branch Road
Greenwood, Delaware 19950

PREPARED IN COOPERATION WITH THE



**Maryland Department of Agriculture
Office of Resource Conservation**

AND THE



Dorchester Soil Conservation District
204 Cedar Street, Suite 200
Cambridge, MD 21613

Prepared by: Cathy Scott

Plan Date: July 2026

Concentrated Animal Feeding Operation (CAFO) M.D.E. Agency Interest # **129364**

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 plan has been prepared in accordance with NRCS standards and specifications for a Comprehensive Nutrient Management Plan 152.

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 H&H Family Farm LLC 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.



H&H Family Farm LLC

Mohammad Ahmed

7-9-26

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.



Cathy Scott

NRCS Planner Certification # 233

Nutrient Management Certification # 1577

7-9-2026

Date

Dorchester Soil Conservation District

As the Dorchester Soil Conservation District Manager, I certify that I have reviewed this CNMP and concur that the plan meets the Dorchester Soil Conservation District's conservation goals.



Karen Houtman

7/9/2026

Date

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	Owner	Tax Account ID	Farm #	Tract #	Account ID Acres	Watershed
Newhart Mill Farm	H&H Family Farm LLC		2226	2274	19.47	02-13-03-05-0588

Description of Operation / Additional Information

This operation has been out of production for several years. The new owner H&H Family Farm LLC will be the operator. The name of the operation is Newhart Mill Farm. It contains four (4) houses located at 5936 Newhart Mill Road, Rhodesdale, MD 21659 in Dorchester County Maryland. The property has 19.47 total acres with 11.43 ac within the Farmstead and 8.04 ac of trees in Associated Ag Land. The operation is considered a no-land operation.

Sensitive Environmental Information

Name of nearest regulatory waterbody	Distance to nearest regulatory waterbody (ft.)	Distance to nearest regulatory wetland (ft.)
Tributary to Irving Mill Pond	769.0 ft	447.0 ft

Account ID	12 Digit Watershed	Watershed Name	Tier II High Quality Waters Watershed	Impairments			
				Nitrogen	Phosphorus	Bacteria (e.coli, enterocci or fecal)	Sediment
	02-13-03-05-0588	Nanticoke River		No	Yes	Yes	No

Animal Production

Poultry

Bird Type	Average Bird Weight (lbs)	Number of Houses	Total Number of Birds (All Houses)	Number of Flocks per year
Roaster	10	4	90,000	4.5

* 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

Mr. Ahmad utilizes either windrowing or crusting after each flock depending on the circumstances. The last total cleanout was performed in 2026 and the next is scheduled in 2032. Approximately 33% of the manure is removed from each house every other year and is stored in the Poultry Waste Storage Structure until it is exported to receiving farms.

Manure Storage

Manure will be stored in the Poultry Waste Storage facility until it can be exported to the receiving farm.

Current / Proposed Manure Storage Conditions

Animal Type	Storage Structure	Size of Storage Structure	Storage Capacity	Date Constructed
Poultry	Poultry Waste Storage Structure	40 x 84 ft	16,800	2/04/1999

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 (Farm(s) receiving exported manure)

Animal Type	Name	Address
Poultry	Clay Maloney	470 South Bowers Road, Milford, Delaware 19963

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. H&H Family Farm LLC 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 Bins 1 Channel	Attached to the PWSS

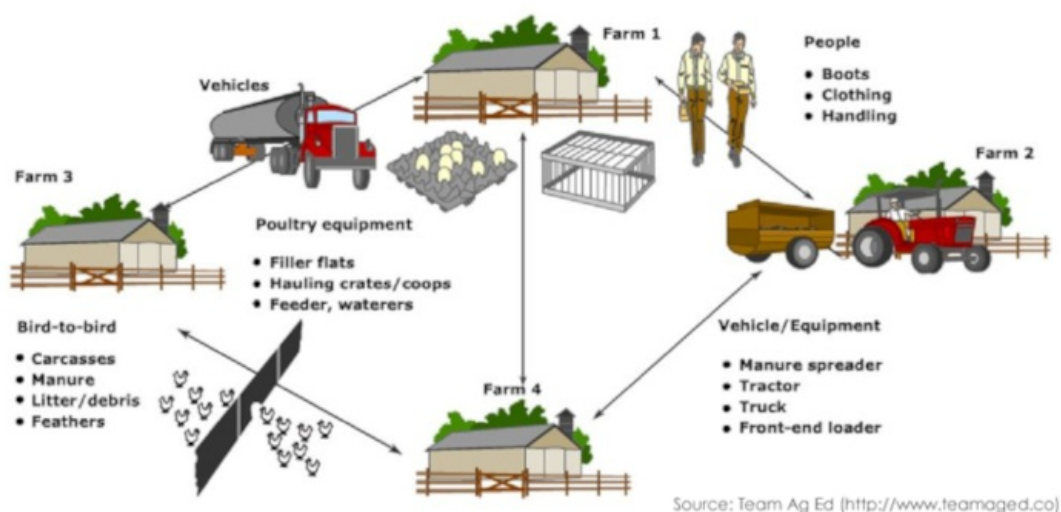
Catastrophic Mortality Management

In the event of catastrophic mortality, the operator will contact the integrator and most likely, follow an 'in house' or 'in PWSS' windrow method of composting as outlined in UMD-Ext fact sheets #723 and #801. If 'in PWSS' composting is used, MDE must be notified for approval.

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 H&H Family Farm LLC.

Emergency Contact Information

Farm Name	Newhart Mill Farm
Farm Address	5936 Newhart Mill Road, Rhodesdale, Maryland 21659
Mailing Address	16048 Long Branch Road, Greenwood, Delaware 19950
Directions to the farm	From the intersection of MD State 392 and MD State 577 turn South onto Maryland Line Road for approximately 3.5 miles. Turn East onto Newhart Mill Road approximately 2.2 miles. Farm on Right.

Farm Contacts

	Name	Farm Phone	Cell Phone
Farm Owner	H&H Family Farm LLC		██████████
Farm Operator	H&H Family Farm LLC		██████████
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

Dorchester County Agency Contacts

	Day Phone	Emergency Number
MDA Regional Nutrient Management (Region)	410-228-5640	410-228-5640
Health Department	410-228-3223	410-228-3223
Sherriff's Office	911	911
University of Maryland Extension Office (Cambridge)	410-228-5640	410-228-5640

Integrator Information

Name	Address	Phone
Amick Farms	274 Nealson Street, Hurlock MD 21643	410-943-3989



DORCHESTER COUNTY SERVICE CENTER
204 CEDAR STREET, SUITE 201
CAMBRIDGE, MD 21613
(410) 228-5640

Conservation Plan

H&H FAMILY FARM LLC!
16048 LONG BRANCH RD!
GREENWOOD, DE 19950

OBJECTIVE(S)

The current conservation objectives within the poultry operation surround maintaining the existing composting and waste storage facilities. Maintaining drainage areas to provide a clean and efficient poultry operation. Installing Heavy Use Area Pads to keep a clean and well maintained operation. To meet the requirements of the 2025 CAFO Permit.

Install the conservation practices, enhancements, and activities according to the implementation requirements, designs, construction plans, or other documents that facilitate meeting the applicable NRCS technical criteria. If you do not have such information, contact your local office before starting to install your conservation practices, enhancements, and activities.

Farmstead

Tract: 2274

Animal Mortality Facility (316)

Construct a dead bird composting facility for the economical and environmentally safe disposal of dead poultry. The structure shall be built according to NRCS standards and specifications and maintained as described in the Operation and Maintenance plan. This is a 2 bin composter attached to the manure shed.

2 bin composter was completed in 1999.

Field	Planned Amount	Month	Year	Applied Amount	Date
3	1.00 No	07	1998	1.00 No	02/04/1999
Total:	1.00 No	--	--	1.00 No	--

Comprehensive Nutrient Management Plan (102)

Utilize a certified Technical Service Provider (TSP) to develop a Comprehensive Nutrient Management Plan that addresses the handling, storage, and application of animal waste in an environmentally safe manner. The CNMP CPA 102 includes the inventory of natural resources at the farmstead and land treatment areas. Both farmstead and land treatment areas are planned to meet planning criteria for water quality, air quality and soil erosion by wind and water. Risk assessment tools are completed to advise on conservation alternatives. Client decisions are recorded. CPA will include primary practices that treat a resource concern and may include supporting practices. Includes a combination of conservation practices and management activities and the planned schedule of implementation.

Field	Planned Amount	Month	Year	Applied Amount	Date
3	1.00 No	01	2026	--	--
Total:	1.00 No	--	--	--	--

Heavy Use Area Protection (561)

Stabilization - Stabilize or protect an intensively used area.

Field	Planned Amount	Month	Year	Applied Amount	Date
3	2000.00 SqFt	07	2026	--	--
3	1600.00 SqFt	07	2026	--	--
3	1600.00 SqFt	07	2026	--	--
3	1482.00 SqFt	07	2026	--	--
3	1600.00 SqFt	07	2026	--	--
3	1600.00 SqFt	07	2026	--	--
3	1600.00 SqFt	07	2026	--	--
3	900.00 SqFt	07	2026	--	--
3	900.00 SqFt	07	2026	--	--
Total:	13282.00 SqFt	--	--	--	--

Nutrient Management (590)

Apply nutrients based on right source, rate, time, and place (4Rs) not to exceed Land Grant University nutrient recommendations or equivalent, utilizing soil testing, site risk assessment, and other nutrient monitoring to manage nutrient application.

Field	Planned Amount	Month	Year	Applied Amount	Date
3	11.20 Ac	07	2026	--	--
Total:	11.20 Ac	--	--	--	--

Waste Storage Facility (313)

Construct a manure storage structure at the location shown on the plan map. The structure will be built according to NRCS design, and operated and maintained in accordance with a Comprehensive Nutrient Management Plan or a Waste Management System plan developed for this operation. All necessary permits and notifications will be obtained before construction. This manure shed is 40' x 84' and it was completed in 1999.

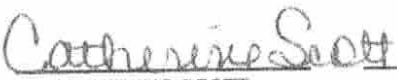
Field	Planned Amount	Month	Year	Applied Amount	Date
3	1.00 No	07	1998	1.00 No	02/04/1999
Total:	1.00 No	--	--	1.00 No	--

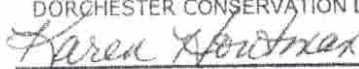
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CERTIFICATION OF PARTICIPANTS

 H&H FAMILY FARM LLC Mohammad Ahmed	<u>7-9-26</u> DATE
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CERTIFICATION OF:

CERTIFIED CONSERVATION PLANNER	
 CATHERINE SCOTT	<u>7-9-2026</u> DATE

DORCHESTER CONSERVATION DISTRICT	
 KAREN HOUTMANI	<u>7/9/2026</u> 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.

PRIVACY ACT

The above statements are made in accordance with the Privacy Act of 1974 (5 U.S.C 522a). Furnishing this information is voluntary; however failure to furnish correct, complete information will result in the withholding or withdrawal of such technical or financial assistance. The information may be furnished to other USDA agencies, the Internal Revenue Service, the Department of Justice, or other state or federal law enforcement agencies, or in response to orders of a court, magistrate, or administrative tribunal.

USDA NON-DISCRIMINATION STATEMENT

In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident.

Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, American Sign Language, etc.) should contact the State or local Agency that administers the program or contact USDA through the Telecommunications Relay Service at 711 (voice and TTY). Additionally, program information may be made available in languages other than English.

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USDA is an equal opportunity provider, employer, and lender.

AFO RESOURCE CONCERNS EVALUATION WORKSHEET

Name:	H&H Family Farm LLC	Agency Interest #:	129364
Planner:	Cathy Scott	Farm # / Tract #:	2226 / 2274
Site Visit Date:	06/11/2026	Total Acres:	19.47
County:	Dorchester	Production Area Acres:	11.43
RESOURCE CONCERN	YES	NO	Assessment
a. Biosecurity measures	☐	☒	The operator is following biosecurity measures as outlined by the integrator and MDA Animal Health.
b. Chemical handling	☐	☒	Chemicals related to poultry production are stored in the appropriate designated storage area.
c. Cultural resources	☐	☒	The production area is established and there are no proposed ground disturbance activities scheduled for the area.
d. Feedlot area	☐	☒	Not Applicable - no feedlot area.
e. Floodplains	☐	☒	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	☐	☒	No gully erosion was identified in the production area or associated water conveyances.
g. Livestock travel lanes	☐	☒	Not Applicable.
h. Nutrient discharge	☐	☒	There are no observable nutrient discharges occurring from the production area.
i. Objectionable odors	☐	☒	Normal poultry or livestock odors associated with this the type of operation or facility were noted.
j. Particulate matter emissions	☐	☒	Normal particulate emissions associated with a facility of this size.
k. Ponding, flooding, seasonal high water table	☐	☒	No abnormal ponding, flooding or high water table issues were identified.
l. Sediment	☐	☒	No obvious and observable sediment discharges are occurring from the production area.
m. Streambank/shoreline erosion	☐	☒	No streambank or shoreline areas are present in the production area.
n. Threatened/endangered species	☐	☒	No geospatial indicators have been identified on the production area.
o. Waste storage	☐	☒	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	☐	☒	No Maryland regulated waterways have been identified on the property.
q. Wetlands	☐	☒	No Maryland regulated wetlands have been identified on the property.)

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.

Note: The table below is your Conservation Practice and Facility Implementation Schedule. The practices listed in this schedule **must** be implemented according to the dates indicated. If these practices are not implemented according to schedule, please contact Cathy Scott.

Practice and Facility Implementation Schedule

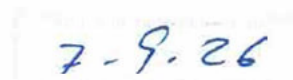
Identify Resource Concern	Practice Name (NRCS Code)	Description of Practice	Date to be Implemented
HUA's will stop Soil erosion and provide a stable noneroding surface for both ends of the poultry houses 2, 3 & 4 and South end of House 1 and Waste Storage Structure where equipment and trucks move. HUA pads give a hard surface for cleaning up manure. North end of House 1 shall not be used for movement or cleanouts	Heavy Use Area Protection (561)	The stabilization of areas frequently and intensively used by people, animals or vehicles by establishing vegetative cover, by surfacing with suitable materials, and/or by installing needed structures.	7/9/2028

The schedule of conservation practices presented here has been reviewed by H&H Family Farm LLC, who is responsible for compliance with the requirements of the agricultural farm operation.

I, H&H Family Farm LLC, 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 scheduled above. Should I not be able to implement any of the above items according to the schedule, I will contact the Dorchester Soil Conservation District and have this schedule revised.



H&H Family Farm LLC
Mohammad Ahmed



Date

Operation and Maintenance for BMP's in Farmstead

This section addresses the operation and maintenance for the structural, non-structural, and land treatment measures for your farm. These documented measures require effort and expenditures throughout the life of the practice to maintain safe conditions and assure proper functioning. Operation includes the administration, management, and performance of non-maintenance actions needed to keep a completed practice safe and functioning as planned. Maintenance includes work to prevent deterioration of practices, repairing damage, or replacement of the practice if one or more components fail.

Waste Storage Facility (313)

- Check backfill areas around the structure (concrete, steel, timber, etc.) frequently for excessive settlement. Determine if the settlement is caused by backfill consolidation, piping, or failure of the structure walls or floor. Necessary repairs must be made.
 - Check walls and floors often - minimum of 2 times a year when facility is empty - for cracks and/or separations. Make needed repairs immediately.
 - Outlets of foundations and sub-drains should be checked frequently and kept open. The outflow from these drains should be checked when the facility is being used to determine if there is leakage from the storage structure into these drains. Leakage may be detected by the color and smell of the out-flowing liquid, by lush dark-green growth of vegetation around the outlet, by the growth of algae in the surface ditch, or by the vegetation being killed by the out-flowing liquid. If leakage is detected, repairs should be planned and made to prevent the possible contamination of groundwater. To prevent erosion, a good vegetative cover should be established and maintained on berms and embankments. Plantings should be clipped 3 times a year to kill noxious weeds and encourage vigorous growth. If the vegetation is damaged, berms and embankments will need to be re-vegetated as soon as possible.
 - Fences should be inspected and maintained in order to exclude livestock from the berms and embankments and to exclude unauthorized entry by people.
 - Check the channels and berms of the clean water diversions around the barnyard, buildings and storage structure frequently. Channels must be protected from erosion and berms must be maintained at the proper height to ensure adequate capacity. These channels and berms should not be used as haul roads unless they are designed and constructed for this purpose.
 - Check frequently for burrowing animals around buildings, structures, and in the berms and embankments. Remove them when they are found and repair any damage.
 - Inspect haul roads and approaches to and from the storage facility frequently to determine the need for stone, gravel or other stabilizing material.
 - Do not allow runoff from loading areas and from spills to flow into streams or road ditches.
 - Examine and repair all warning and hazard signs as needed.
 - Install and maintain a marking gauge post that clearly shows the design levels of one-half and full for manure storage pits, ponds, and lagoons.
 - Clear blockages from roof gutters and outlets as needed.
 - Notify the Soil Conservation District of any major problems or repairs needed.
 - The roof must be maintained to operate as intended for the life of the practice (15 years). The function of the roof is critical because the manure storage facility is sized accordingly.
-

Animal Mortality Facility (316)

- Facilities for normal mortality will be operated or used on a regular basis. At each operation or use, inspect the facility to note any maintenance needs or indicators of operation problems, and promptly make repairs or adjustments to operation of the facility.
 - Follow the management plan requirements for:
 - The mix proportions, moisture requirements, and materials used.
 - The sizing requirements.
 - The timing of the disposal/utilization process including loading, unloading, and turning or aeration of the material.
 - Temperature monitoring requirements, including a temperature log.
 - What must be done to prevent scavenging animals and leachate problems.
 - Bio-security requirements.
 - If catastrophic mortality occurs, contact NRCS or the Soil Conservation District for assistance concerning proper disposal of the mortality.
-

Heavy Use Area Protection (561)

- Inspect the Heavy Use Area at least twice a year and after severe storm events.
- Scrape the surface as needed to remove excess manure and/or sediment.
- Repair paved areas by repairing holes and replacement of paving materials.
- Replace loose surfacing material such as gravel, cinders, sawdust, tanbark, etc. as needed when removed by livestock, equipment traffic, or scraping.
- Repair any deteriorating areas.

- Maintain all vegetation that is part of the plan by fertilizing and liming according to soil test recommendations and reseeding or replanting as necessary.
- Inspect inlets and outlets of pipes and culverts and remove any obstructions present.
- Maintain flow into filter areas by removing accumulated solids, reconstructing waterbars, etc.

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, NH_4 or NH_3 , P_2O_5 , K_2O , 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. All chemicals are custom applied and no chemicals are stored at the operation.

NUTRIENT MANAGEMENT PLAN

NUTRIENT MANAGEMENT PLAN

Concentrated Animal Feeding Operation (CAFO) M.D.E. Agency Interest # 129364

Newhart Mill Farm
H&H Family Farm LLC

16048 Long Branch Road
Greenwood, Delaware 19950


PREPARED BY
DORCHESTER SOIL CONSERVATION DISTRICT
204 Cedar Street, Suite 200 • Cambridge, MD 21613 • 410-228-5640

Plan Date: 7/9/2026

DESCRIPTION OF OPERATION

This operation has been out of production for several years. The new owner H&H Family Farm LLC will be the operator. The name of the operation is Newhart Mill Farm. It contains four (4) houses located at 5936 Newhart Mill Road, Rhodesdale, MD 21659 in Dorchester County Maryland. The property has 19.47 total acres with 11.43 ac within the Farmstead and 8.04 ac of trees in Associated Ag Land. The operation is considered a no-land operation.

This nutrient management plan is required by the Maryland Department of Agriculture. It is the sole responsibility of the owner/operator to obtain an immediate update to this nutrient management plan if there is a change in the average annual number of animal units of 10 percent or greater, and if the resultant manure production will require significant management adjustments. It is the owner/operator's responsibility to have and maintain a copy of this updated nutrient management plan in his records and make it available upon request by MDA.

PLAN DURATION: 7/9/2026 - 7/8/2031

MANURE SAMPLING AND TESTING

All poultry litter generated on this operation is exported. The Maryland Department of Agriculture requires that the receiving operation obtain a manure analysis of this manure. As a result there is no manure analysis included in this nutrient management plan.

MANURE MANAGEMENT & STORAGE

Mr. Ahmad utilizes either windrowing or crusting after each flock depending on the circumstances. The last total cleanout was performed when operation was shut down several years ago. The next is scheduled in 2032. Approximately 33% of the manure is removed from each house every other year and is stored in the Poultry Waste Storage Structure until it is exported to receiving farms.

If the need should arise where the storage facility is full and manure needs to be stored outside on the operation, the operator should refer to Section I-D of the Maryland Nutrient Management Manual which can be found on the Maryland Department of Agriculture's website for stockpiling guidelines. The operator should also contact the Dorchester Soil Conservation District for assistance in determining where to safely stockpile manure outside of the waste storage facility.

The operator must keep records of the quantity, date, and destination of manure removed from the houses and off the farm. The "Poultry Litter Removal Data Collection Sheet" is included with the nutrient management plan to assist in managing that information.

Manure/litter is transferred/exported from this operation to the following:

Clay Maloney
470 South Bowers Road
Milford, Delaware 19963

BEST MANAGEMENT PRACTICES

If there are resource concerns present on this operation, the permittee should contact the Dorchester Soil Conservation District located in Cambridge Maryland for assistance. A Soil Conservation and Water Quality Plan may be developed or updated to include Best Management Practices (BMPs) to address concerns such as manure and mortality management, as well as drainage issues that may occur.

RECORD KEEPING REQUIREMENTS

The Maryland Department of Agriculture requires that producers maintain records on manure management, animal numbers, and manure quantity. The operator is required to maintain records indicating the date, quantity and destination of litter as it is removed from the poultry houses and transported to the waste storage facility. The same information is required if stored manure is transported out of the waste storage facility to other locations off the farm. Operators are required to report this information to the Maryland Department of Agriculture in their Annual Implementation Report (AIR) which is due by March 1 each year.

Farm Identification Summary

Farm Name	Tax Account ID Numbers	Watershed Location Code	Total Acres Farmed
Newhart Mill Farm		02-13-03-05-0588	0

Manure Summary Table

Animal Type and Number	Total Manure Generation (tons/yr.)*	Manure Available for Export (tons/yr.)*	Manure Storage Capacity
90,000 Roaster/flock @ 4.5/yr. = 405000 birds/yr.	785	2027 = 7 2028 = 500 2029 = 14 2030 = 848 2031 = 14 2032 = 3249	40 x 84 ft Poultry Waste Storage Structure w/ 16,800 cubic feet of capacity

Cathy Scott

Cathy Scott
Certified Nutrient Management Consultant
MDA Certification #1977
Dorchester Soil Conservation District License #4235

7-9-2026

Date

Poultry Litter Quantity Estimate

Name: Newhart Mill Farm

Tract / Farm: 2274 / 2226

Date: 7/9/2026

Houses Included: 4

Bird Type: Roaster

Average Bird Market Weight (lbs): 10

A.	Years between total cleanouts:	Yr. next total cleanout:	2032
		Yr. last total cleanout:	2026
		= Years in cleanout cycle:	6
B.	Total # of birds per flock (for all houses on this cleanout cycle):		90,000
C.	Flocks per year		4.5
D.	Number of flocks per cleanout cycle (A x C):		27
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: *		1.9379
G.	Tons cake/crust produced per flock (B x E/1000):		18
H.	Tons cake/crust produced per cycle (G x D):		486
I.	Tons litter + cake/crust produced per cycle (B x D x F/1000):		4,709
J.	Tons of litter produced per cycle (less cakeout/crustout) (I-H):		4,223
K.	Tons of litter produced per year (less cakeout/crustout) (J/A):		704
L.	Tons of litter + cake/crust produced per year (I/A):		785

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

Quantity of Poultry Litter, Cake/Crust Available per Year

	M	N	O	P	Q	R	S	T
	Tons of litter remaining in the house from last year (N-P) + (R-S)	Total tons of litter present in the house this year (K) + (M, this year)	% of partial or total litter to be removed this year in excess of cakeout/crustout removed (enter % of N removed)	Tons of litter removed this year (N x O)/100	Flocks this year	*** Tons Cake/Crust Produced this Year0 (Q x G)	Tons Cake/Crust removed this Year	Tons litter + cake/crust removed this year (P + S)
Year	year)	year)	removed)	year (N x O)/100	year	Year0 (Q x G)	Year	year (P + S)
2027	0	704	0	0	4	72	7	7
2028	769	1472	33	486	5	90	14	500
2029	1062	1766	0	0	4	72	14	14
2030	1824	2527	33	834	5	90	14	848
2031	1769	2473	0	0	4	72	14	14
2032	2530	3234	100	3234	5	90	14	3249
			Total	4554	27	486	77	4632

*** 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.

Agricultural Nutrient Management Program - (301) 405-1319 - ENST - 0116 Symons Hall - College Park, MD 20742

Local Governments, US Department of Agriculture Equal Opportunity Programs

revised 3/12/10

Nutrient Management Plan Map

Client: H&H FAMILY FARM LLC
 OPID: 3413100
 Farm: 2226 Tract: 2274
 Approximate Total Acres: 19.47

Assisted By: CATHERINE SCOTT
 Dorchester County, Maryland



Prepared with assistance from USDA-Natural Resources Conservation Service

0 376
 Feet

Practice Schedule PLUs

X - Poultry Waste Storage Structure

X - Animal Mortality Facility



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
- Animal Waste Management System Plan
- Weekly Storage Form
- Weekly Wastewater Form
- Manure Litter Storage Form
- Manure Litter Transfer Form
- Daily Waterline Form

Drainage Map

Date: 7/9/2026

Client: H&H FAMILY FARM LLC
OPID: 3413100
Farm: 2226 Tract: 2274
Approximate Total Acres: 19.47

Dorchester County, Maryland
Assisted By: CATHERINE SCOTT



0 376
Feet

Practice Schedule PLUs

Prepared with assistance from USDA-Natural Resources Conservation Service

Flow Direction



POULTRY WASTE MANAGEMENT SYSTEM

Owner: **H&H Family Farm LLC**
Address: **5936 Newhart Mill Road** (Farm Location)
Rhodesdale, MD 21659

A. Background Information

1. Type of Facility (check as appropriate):
 - a. Poultry Waste Storage Structure (PWSS) **1 Existing**
 - b. Dead Poultry Composting Facility (DBCF) **1 Existing**
 - c. Heavy Use Area Protection (HUAP) _____
2. Location: **5936 Newhart Mill Road**
Rhodesdale, MD 21659
3. Map, Parcel, Tract: **M: 25 P: 73 T: 2274**
4. Watershed: **34**
5. Predominant Soils: **DoA Downer sandy loam, 0to2 percent slopes**
6. Size & Type of Operation: **90,000 large birds Poultry**

B. Management Concerns

1. Storage, handling and utilization during adverse field conditions.
2. Potential water quality degradation from stockpiled litter manure & degraded travel lanes.
3. Land not available for application, when needed.
4. Excessive application of nutrients for crop production.
5. Disposal of dead poultry carcasses.

C. Cropland

1. Cropland available for waste utilization: _____
2. Cropping system: primary crops **N/A**
secondary crops **N/A**
3. Person(s) receiving excess manure:
Clay Maloney
470 South Bowers Road, Milford, DE 19963

D. Component Details for PWSS and DPCF

1. Roofed, Poultry Waste Storage Structure -(See NRCS plan.)
 - a. Size: **40' x 84'**
 - b. Storage area: **3,360 sq ft**
 - c. Storage time **180** days
2. Dead Poultry Composting Facility - (See NRCS plan)
 - a. Roofed, free standing structure _____
 - b. Roofed structure, attached to PWSS **x**
 - c. **2** Bins **1** Channel
3. Heavy Use Area Protection (Poultry house pads)
 - a. Number of Pads **0 Existing** 8 planned
 - b. Total SQ. FT. , **12,800 sq ft** Approx Planned
4. Grading to control runoff and sediment.
5. Removal of excess surface or subsurface water.
6. Vegetative stabilization of disturbed areas and/or filter strips.
7. Other: _____

E. Waste Utilization

1. Nutrient Content -

- a. The amount of available nutrients in poultry manure can vary greatly, depending upon the type of operation, amount of water spillage and method of handling and storage.
 - b. Contact the University of Maryland Cooperative Extension Service for a list of a available labs which provide manure testing & analysis.
2. Sampling procedure - (Use test kit)
 - a. Dig into manure pile, and put sample in a clean tub or bucket.
 - b. Repeat this process in several different areas of the pile.
 - c. Mix these samples thoroughly, and place a representative sample in a zip-lock plastic bag.
 - d. Representative samples of manure taken directly from the house to the field, and samples of stored or stockpiled manure should be tested separately.
3. Application rates -
 - a. Use the nutrient content of the manure to estimate the amount of nutrients available to the crop being grown. (The Extension Service will make this estimate for you.)
 - b. Compare the manure analysis with the soil test results, and determine the amount of additional commercial fertilizer needed, based upon crop yield goals and available cropland acres.
4. Equipment calibration -
 - a. Be sure manure handling equipment is in good operating condition.
 - b. Use a measured (10'x10') sheet of plastic, canvas, or other suitable material to catch manure as it is being applied.
 - c. Determine the weight of the manure by 435.6. This will give you the amount of manure being applied per acre.
(Example : 11.5 lbs. x 435.6 = 5,000 lbs./ acre, or 2.5 Tons.)
Note: This procedure should be repeated several times to get an average and to determine application rates for various spreader settings and speeds.
5. Land Availability -
 - a. If insufficient cropland is available to properly utilize the total amount of manure produced, the Extension service should be consulted for alternative recommendations.
 - b. If manure is applied to land which is not owned or operated, provide details of the land use agreement to the Dorchester Soil Conservation District.
6. Excessive Waste -
 - a. Excessive waste can be caused from several different factors. A broken waterline or catastrophic mortality can generate considerable waste in a short period of time. All BMP's within this plan should be FULLY utilized before looking for alternative sites to store waste. Manure sheds should be full, composter bins and alleys should be full and in case of emergency, contact the Dorchester Soil Conservation office for additional assistance or recommendations.

F. Poultry 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 the Dorchester Office Planning and Zoning (228-3234) 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 mean, 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.

G. Operation of Maintenance of PWSS

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 the Nutrient Management Plan prepared by the Extension Service to control pollution and protect water quality.
5. Cleanout- Manure will be removed from the structure in early spring and fall, and applied to agricultural fields. Incorporation into the soil, prior to planting helps to reduce nutrient losses and pollution. Avoid spreading manure close to ditches, streams and bodies of water.
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 to the Dorchester Soil Conservation District (228-3733). A revised Waste Management System Plan may be developed, or other action taken to retain compliance with program guidelines.

H. Dead Poultry Composting 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 this 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.

I. Operation and Maintenance of DBCF

1. Operation of the composter must be consistent with the detailed technical instructions provided by the CES 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.

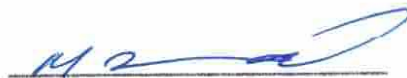
4. Safety - Use care when operating loaders and other equipment in and around the compost. Avoid hitting partitions and posts. Do not mix stabilized compost with stored litter manure, until ready to spread. Stabilized compost may be used as a soil conditioner for gardens, etc.
5. Maintenance - Control erosion and protect water quality by planting and maintaining adequate vegetation around compost. 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.

J. Heavy Use Area Protection (Poultry House Pads)

1. Scrape manure from pads after each flock delivery/removal or litter removal.
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.

K. Certifications

I certify that I have read and understand the guidelines contained herein. I agree to follow these guidelines, and to have my plan updated if there are significant changes in my operation. I understand that if I fail to comply with these guidelines, I agree to pay back to the Maryland Department of Agriculture all Maryland Agricultural Water Quality Cost-Share grant funds received for the construction of my waste storage structure and/or dead poultry composting facility or heavy use pads.


(Signature)

H&H Family Farm, LLC
Mohammad Ahmed

7-9-26
(Date)

L. Approvals

This Waste Management System Plan meets the requirements
of the Dorchester Soil Conservation District, and the USDA
Natural Resources Conservation Service.

Karen Houtman *7/9/2026*
(District Manger) (Date)

Karen Houtman

E. Eugene Jones II
(District Conservationist)

MDE SELF INSPECTION AND RECORDKEEPING REQUIREMENTS FOR LAND & NO-LAND OPERATIONS

Type	Maintain Records of:	Frequency	Applicable to Liquid/Dry Manure Handling or Both
Land & No-Land	Any transfers of manure, litter, and process wastewater, will include the following information: 1.) Name and address of recipient and 2.) Date and quantity transferred. The permittee shall supply the recipient of the animal waste with the most recent annual nutrient analysis of the manure, litter, or process wastewater. If the recipient performs the analysis, the permittee shall obtain a copy and maintain it as part of the permittee's records.	Each occurrence	Both
Land	Each application event where manure, litter, or process wastewater is applied. Including 1.) Fields where animal waste is distributed, using field names consistent with those in the required plan, 2.) Application method, rate, time and date, 3.) Soil conditions, including instances of ponding or runoff, saturated soil, and frozen ground or snow covered ground and 4.) Weather conditions, including precipitation and temperature at the time of application and precipitation 24 hours prior to, and following, application.	Each land application event	Both
No-Land	Manure samples shall include the following information, 1.) Date sample taken, 2.) Test methods used to sample and analyze manure, litter, and process wastewater; and 3.) Results from manure, litter, and process wastewater sampling.	Annually	Both
Land & No-Land	Mortality disposal including date, numbers of animals, and method of disposal	As necessary	Both
Land & No-Land	Inspections conducted, including date, of the animal waste storage areas	Weekly	Both
Land	The results of manure samples and soil samples, including the following information, 1.) Date sample taken, 2.) Test methods used to sample and analyze manure, litter, process wastewater, and soil, 3.) Results from manure, litter, process wastewater, and soil sampling and 4.) Total amount of nitrogen and phosphorus actually applied to each field, including documentation of calculations for the total amount applied.	Annually for manure samples, at least once every three years for soil samples	Both
Land	Manure application equipment inspections, including the following information, 1.) Date inspection conducted and 2.) Calibration date; and iii. Maintenance of equipment used for manure application.	At least annually	Both
Land & No-Land	Inspections, including date, of the storm water routing structures	Weekly	Both
Land & No-Land	Inspections, including date, for all indoor and outdoor water lines, including drinking or cooling water lines	Daily	Both
Land & No-Land	The depth of manure and process wastewater, including date of reading, as indicated by the depth marker in all liquid animal waste impoundments	Weekly	Liquid
Land & No-Land	Inspections, including date, of all wastewater operations and pumps	Weekly	Liquid
Land & No-Land	All manure, litter, and wastewater storage structures including the following information, 1.) Date inspection conducted, 2.) Volume for solids accumulation, 3.) Design treatment volume, 4.) Total design storage volume, 5.) Days of storage capacity and 6.) Structural stability inspection of all earthen embankment structures.	As necessary	Liquid
Land & No-Land	Any additional self – inspection and recordkeeping activities required by this General Permit	As necessary	Both

Self-Inspection and Recordkeeping for CAFOs/MAFOs that DO NOT Land Apply (No-Land Operations):

The permittee that transports all and/or some of its manure, litter, or process wastewater to an area that is not under the control of the owner or operator of the no-land operation shall maintain no-land operation records on-site for five years. The records shall be available for inspection by the Maryland Department of the Environment personnel upon request. The record shall also include a notation of periods when the facility is not in operation (out of production).



Maryland

Department of the Environment

Larry Hogan, Governor
Boyd K. Rutherford, Lt. Governor

Ben Grumbles, Secretary
Horacio Tablada, Deputy Secretary

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: _____

			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*
	Date	Initials				
Week 1						
Week 2						
Week 3						
Week 4						
Week 5						
Week 6						
Week 7						

			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*
Date	Initials					
Week 8						
Week 9						
Week 10						
Week 11						
Week 12						
Week 13						
Week 14						
Week 15						
Week 16						
Week 17						
Week 18						
Week 19						

			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*
Date	Initials					
Week 20						
Week 21						
Week 22						
Week 23						
Week 24						
Week 25						
Week 26						
Week 27						
Week 28						
Week 29						
Week 30						
Week 31						

			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*
Date	Initials					
Week 32						
Week 33						
Week 34						
Week 35						
Week 36						
Week 37						
Week 38						
Week 39						
Week 40						
Week 41						
Week 42						
Week 43						

			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*
Date	Initials					
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
Poultry Waste Storage Structure	40 x 84 ft		16,800	



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)



Maryland

Department of the Environment

Larry Hogan, Governor
Boyd K. Rutherford, Lt. Governor

Ben Grumbles, Secretary
Horacio Tablada, Deputy Secretary

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 ³⁸		
Day	Initials	✓ if Leak Detected
1		
2		
3		
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		
30		
31		
February, 20 ³⁵⁴⁶		
Day	Initials	✓ if Leak Detected
1		
2		
3		
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 ^{75.4326} _____		
Day	Initials	√ if Leak Detected
1		
2		
3		
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		
30		
31		
April, 20_____		
Day	Initials	√ if Leak Detected

1		
2		
3		
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		
30		
May, 20__		
Day	Initials	√ if Leak Detected
1		
2		
3		
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		
30		
31		
June, 20__		
Day	Initials	√ if Leak Detected
1		
2		
3		
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		
30		
July, 20__		
Day	Initials	√ if Leak Detected
1		
2		
3		
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		
30		
31		
August, 20____		
Day	Initials	√ if Leak Detected
1		
2		
3		
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		
30		
31		
September, 20____		
Day	Initials	√ if Leak Detected
1		
2		
3		
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		
30		

October, 20____		
Day	Initials	√ if Leak Detected
1		
2		
3		
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		
30		
31		
November, 20____		
Day	Initials	√ if Leak Detected
1		
2		
3		
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		
30		
December, 20____		
Day	Initials	√ if Leak Detected
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
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26		
27		
28		
29		
30		
31		



Maryland
Department of
the Environment

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						

			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						

			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*
Date	Initials					
Week 20						
Week 21						
Week 22						
Week 23						
Week 24						
Week 25						
Week 26						
Week 27						
Week 28						
Week 29						
Week 30						
Week 31						

			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*
Date	Initials					
Week 32						
Week 33						
Week 34						
Week 35						
Week 36						
Week 37						
Week 38						
Week 39						
Week 40						
Week 41						
Week 42						
Week 43						

			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*
Date	Initials					
Week 44						
Week 45						
Week 46						
Week 47						
Week 47						
Week 49						
Week 50						
Week 51						
Week 52						



Maryland

Department of the Environment

Wes Moore, Governor
Aruna Miller, Lt. Governor

Serena McIlwain, Secretary
Suzanne E. Dorsey, 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)



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



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

UMCP-ANMP

07/09