

# Animal Feeding Operations (AFO) UME Grower Lunch Break

February 2, 2022

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Maryland Department of the Environment Land and Materials Administration Animal Feeding Operations Division



# What is an AFO, CAFO and MAFO?

Animal Feeding Operation(AFO): Animals are confined and maintained for at least 45 days in a 12-month period. AFOs are classified as small, medium and large. Does not include farms where all animals are not confined.



## Concentrated Animal Feeding Operation(CAFO):

A medium or large AFO that discharges water contaminated with manure, litter or process wastewater to surface waters of the State. Federal permit required.

## Maryland Animal Feeding Operation(MAFO):

A large AFO that does NOT discharge water contaminated with manure, litter or process wastewater to surface waters of the State. Regulated by the State but federal permit not required.



# AFO Size Table (MD livestock)

Animal Type	Number of Animals or Total House Size (ft²)						
Animal Type	Large	Medium	Small				
Cattle (includes heifers)	≥ 1,000 300 - 999		< 300				
Dairy Cattle (milking and dry only)	≥ 700	200 - 699	< 200				
Chickens (other than laying hens) w/dry manure handling	≥ 125,000 animals or total house size ≥ 100,000 ft <sup>2</sup>	37,500 - 124,999 animals <b>and</b> total house size < 100,000 ft <sup>2</sup>	< 37,500				
Laying hens w/dry manure handling	≥ 82,000	25,000 - 81,999	< 25,000				
Chickens w/liquid manure handling	≥ 30,000	9,000 - 29,999	< 9,000				
Swine ≥ 55 lbs	≥ 2,500	750 - 2,499	< 750				
Swine < 55 lbs	≥ 10,000	3,000 - 9,999	< 3,000				
Turkeys	≥ 55,000	16,500 - 54,999	< 16,500				



# **Production Area**

- Animal Confinement Area
- Manure Storage Area
- Raw Materials (feed, etc.)
   Storage Area
- Waste Containment Area



# Land Application Area Associated with a CAFO •

- Land under the control of an AFO owner or operator, whether it is owned, rented, or leased, to which manure, litter or process wastewater from the production area is or may be applied.
- Business organization of the AFO does not affect "control" of the land.
- All land application areas must be included in that operation's Nutrient Management and Conservation Plans.

# Regulated Discharges from a CAFO to Surface Waters

- Includes
  - Manure, litter, and process wastewater
  - Discharges from Production and Land Application Areas not exempt as agricultural storm water.
- Excludes precipitation-related discharges that qualify as agricultural storm water.





# General Discharge (GD) Permit

The GD Permit regulates AFOs to discharge animal manure, poultry litter, and process wastewater to waters of the State in accordance w/permit conditions.

 NPDES Permit for AFOs valid for 5-year period: 09AF, 14AFA, and currently 19AF: July 8, 2020 – July 7, 2025.



# How do I apply for coverage under the AFO Permit?

- Complete a 19AF Notice of Intent (NOI) form (5 pages)
- Obtain Required Plan(s)
- Send completed NOI & Required Plan(s) to MDE

#### 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 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.

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

#### General Information

AI	Number:
1.	LEGAL Name of Applicant (must match name on required plan):
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
□ 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 operation to organic	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 organic operation

Permit Number: 19AF/MDG01 Date: July 8, 2020 TTY Users: 800-735-2258



# Required Plan(s) Must Address

## EPA's Nine Minimum Standards to Protect Water Quality

- Adequate Storage Capacity
- MortalityManagement
- 3. Divert Clean Water
- 4. Prevent DirectContact of Animals +Water
- 5. Chemical Handling



- 6. Conservation
  Practices (setbacks and buffers)
- 7. Manure + Soil Testing
- 8. Land Application Protocols
- 9. Record Keeping



# What about new operations?

- New = not covered by the AFO Permit
- Could mean:
  - Totally new operation; or
  - New owner/operator
- A new operation is a priority for coverage under an AFO Permit. Receipt of complete plan documents enables your application to be processed on a prompt schedule.

# Facility Site Inspections

- EPA requires MDE to conduct at least one inspection every 5 years
- MDE inspectors use a checklist
- Potential follow-up inspections





# Discharge Permit Compliance

#### WHY Do We Inspect?

- Complaints
- Registrants
- Verification of MAFOs
- Verification of withdrawals
- AFOs close to waters of the State
- AFO closures/abandonments
- Suspected CAFOs
- Recalcitrant AFOs

### **WHAT Do We Inspect?**

- Production area
- Land application areas
- Self-Inspection Records
- Proximity to waters of theState



# Required Recordkeeping

### **Maintain Self-Inspection Records of:**

- Weekly Storage and Containment Structure
   Inspections
- Weekly Wastewater Facilities Inspections
- Manure, Litter, and Wastewater Storage
   Structures Documentation
- Manure, Litter, and Wastewater Transfers
- Daily Water Line Inspection
- Nutrient Land Applications
- Manure Application Equipment Inspection and Calibration



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

Ben Grumbles, Secretary Horacio Tablada, Deputy Secretary

#### Weekly Wastewater Facilities Inspections Log Sheet

Facility Name:	NPDES Permit No.:
Instructions: Use this form to keep records of weekly visual inspectior (including pumps, storm water and runoff diversion devi- contaminated storm water to a wastewater storage or con-	ces, and devices used to channel
*Any deficiencies observed must be corrected within 30 d	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					

# What to Expect During a CAFO/MAFO Inspection

 Planned for posting on AFO webpage



#### What to Expect During Inspections of Concentrated Animal Feeding Operations (CAFOs) and Maryland Animal Feeding Operations (MAFOs)

What You Need to Know

November 2021

The following outlines the process that the Maryland Department of the Environment (MDE) uses to conduct compliance inspections of CAFOs and MAFOs under the General Discharge Permit for Animal Feeding Operations (GD Permit). This information is provided to give operators a sense of what to expect during an inspection and so that operators may conduct periodic self-checks for compliance with the GD Permit in between MDE inspections.

#### Scheduling the Inspection

- An MDE Inspector will contact you to schedule the permit inspection. In most cases, the permittee or operator will be given a minimum 48 hours' notice prior to the inspection.
- The MDE Inspector will review with the permittee or operator of the facility bio-security measures prior to entering the premises.

#### Arrival at Inspection Site

The MDE Inspector will:

- Arrive on the site at the scheduled time.
- Spray disinfectant on their vehicle tires and wheel wells and put on disposable boots or other required protective wear as directed by the facility.
- 5. Sign the visitor log if required.
- 6. Meet with the permittee and or operator.
- Present proper state credentials, explain the reason for the inspection, and describe what to expect during the inspection.

#### Records Review

- The MDE inspector will conduct a records review. The permittee must retain records for 5 consecutive years as required under the provisions of the GD Permit.
  - In order to allow for an efficient inspection please ensure that your records are easily accessible and ready for inspection. The records that you should have on hand include:
  - a.) Registration certificate and copy of GD Permit:
  - b.) Comprehensive Nutrient Management Plan (CNMP) or Nutrient Management Plan and Conservation Plan;
  - c.) Annual Implementation Reports (AIRs) for the past 5 years;

1800 Washington Boulevard | Baltimore, MD 21230 | 1-800-633-6101 | 410-537-3000 | TTY Users 1-800-735-2258 www.mde.maryland.gov

# What to Expect During a CAFO/MAFO Inspection

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- d.) Manure analyses for the past 5 years;
- e.) Soil Samples, at least once every 3 years for land application operators;
- f.) Inspection Records/Logs, including the Nutrient Land Application Log, Weekly Storage and Containment Structure Inspections Log, Weekly Wastewater Facilities Inspections Log, Documentation for all Manure, Litter, and Wastewater Storage Structures, Manure Application Equipment Inspection Records and Calibration Records, Manure, Litter and Process Wastewater Transfer Records, and Water Line Inspection Log. All the required inspection forms are located on MDE's AFO website:

http://mde.state.md.us/programs/Land/RecyclingandOperationsprogram/AFO/Page/CAFO.aspx

#### Production Area Inspection

- The MDE inspector will conduct the site inspection and walk around the facility. The inspector will walk around the entire production area and check the following:
  - a. Animal confinement and heavy use area (HUA);
  - b. Manure and process wastewater storage areas:
  - c. Animal mortality area;
  - d. Feed storage area;
  - e. Chemical storage area;
  - f. Stormwater routing and treatment area; and
  - g. Land application areas of manure and process wastewater, if applicable.
- 10. During the walk around inspection, the inspector will look for the following:
  - Areas containing waste or process wastewater that may be in a position likely to discharge or an ongoing discharge that is not being contained;
  - Any leaks or seeps of manure or process wastewater in or around the production area that are not being properly contained;
  - c. Animal mortalities not properly handled or managed as <u>required</u>;
  - d. Lack of housekeeping in and around the production area;
  - e. Failure to maintain Best Management Practices such as manure storage structures, dead bird composters, HUA pads, haul roads, grassed waterways, diversions, stormwater routing structures or any other required BMPs designed for the facility.
- 11. Sampling may be required on specific sites to determine a discharge of pollutants.
- 12. The MDE inspector may need to take photographs to document violations or discharges.

#### Inspection Wrap-Up

13. The MDE inspector will conduct a final wrap-up discussion prior to exiting the site outlining their findings and provide the facility with a detailed written Field Inspection Report highlighting any corrective actions if applicable.

# **CAFO Annual Permit Fees**

According to state law and regulation, MDE is legally required to collect fees annually for CAFOs that are covered under a GD Permit.

- SB 546 Effective Oct 1, 2019
- Includes CAFOs that are already registered under the 19AF GD Permit, in addition to those still covered under the previous 14AFA GD Permit, while they await coverage under the 19AF GD Permit.
- Fees are based on CAFO size category:
  - Large \$1200Medium \$600Small \$120
- A proposed new CAFO or a modification of an existing CAFO to expand its house capacity to 350,000 square feet or more must pay a one-time application fee of \$2,000 upon submission of the NOI form.

# CAFO Annual Permit Fees

- Annual fee payment deadline is based on effective date of 19AF permit (July 8).
- Letter and billing document

# MARYLAND DEPARTMENT OF THE ENVIRONMENT RESOURCE MANAGEMENT PROGRAM/ANIMAL FEEDING OPERATIONS DIVISION CAFO GENERAL DISCHARGE PERMIT FEES SUMMARY TOTAL

AI #:

FACILITY ADDRESS:							
Permit Year	CAFO Size	Fee Type (Application; Annual)	Amount Due	Comments			
2021							
		Total Submitted:					
				DUE 30 DAYS UPON RECEIPT			
MDE is prohibited from AFA General Discharge	issuing coverage u Permit unless the a fyour operation, yo on your payment.	nder the 19AF Gen applicable fee is pai	eral Discharge Perm d. If there is a discre	CAFO size category. Please note that it or continuing coverage under the 14 epancy or change in CAFO size fference in payment owed. Please			
	Ma	ryland Departmer	t of the Environm	ent			
			x 1417				
		Baltimore, Mary	land 21203-1417				
For more information, please visit: mde maryland.gov/programs/LAND/RecyclingandOperationsprogram/Pages/AFOInfo.aspx  Any questions, please call: (410) 537-3314							
				FOR OFFICE USE ONLY (DATE RECEIVED)			
PCA 137.	34	Ohie	tt 5651	Suffix 605			



# **CAFO Annual Permit Fees**

## 2020 Annual Permit Fees as of 2.02.22

- 513 CAFOs received fee notices
- 17 CAFO operators not paid to date and under enforcement process

## 2021 Annual Permit Fees as of 2.02.22

- 508 CAFOs received fee notices
- 463 CAFO operators have made a payment

# **Annual Implementation** Reports for CAFOs/MAFOs

- Mailed out by MD Dept. of Agriculture
- Electronic filing option is available: Maryland OneStop **Portal**
- Deadline date is March 1
- Completed AIRs are returned to MDA



## Nutrient Management Annual Implementation

For	Field	Office	Use

Report (AIR) for CAFO and MAFO  Due March 1, 2	
2. MDA Op Number MDE AI Numbe	
B. Operator/Owner Legal Name Last	
First	
I. Farm/Operation Name	
5. Mailing Address	
5. City	l l
D. E-Mail address	
10. Telephone Number(s) OfficeHo	me
Cell	
1 Total Farmed Acres including	Nutrient Management Consultant and Plan Information
1 distures	15. Name of Nutrient Management Plan Writer:
2. Operation Type (Check all that apply)	_
☐ Crop Production	
☐ Hay / Pasture	16. Certificate #
☐ Nursery/Greenhouse ☐ Organic	17. License #
☐ Animal	18. Date NM Plan Written://
☐ No-Land (0 Managed Acres)	
□ Other	19. Date NM Plan Expires://
3. Account ID updates - List changes to Account D's, and check if added or deleted from operation since our previous AIR report. Attach additional pages if needed.  No change of account ID(s)	20 Total Acres of animal manure recommended for land application by the nutrient management plan.
Added Deleted	Animals other than poultry ☐ Check if None.
	21. Number of head during 2021.
<b>-</b>	Beef, cows and bulls
	Beef, feeder cattle (500 lbs and over)
	Beef, young stock (less than 500 lbs)
4. Nutrient Sources Used (Check all that apply)	Dairy, cows
4. Nutrient Sources Osea (check an that apply)	Dairy, heifers Dairy, calves
☐ Commercial Fertilizers	Swine, sows and boars
☐ Biosolids/Sewage Sludge	Swine, growers
☐ Animal Manure ☐ Food Waste	Sheep
Other	Goats
	Horses

# Annual Implementation Reports for CAFOs/MAFOs – Page 2

 Carefully complete sections applicable to the scope of operational activities

	MDA/MDE ID:
Crop Production	Commercial Fertilizer
Acres under conservation tillage with 30%-59% residue coverage at planting.	Acres using variable rate fertilizer application or split application.      Acres where Nitrogen was applied based on
23 Acres under conservation tillage with 60% or more residue coverage at planting.	the recommendations of the Pre-Sidress Nitrogen Test (PSNT).  39 Acres where Commercial fertilizer Nitrogen
24 Acres of crop land under irrigation.	was incorporated within 24 hours.  40 Acres where Commercial fertilizer Phosphorus was incorporated within 24 hours.
Nursery / Greenhouse	Manure/Organics Storage
25Acres/sq.ft. Container nursery/ greenhouse irrigation runoff and leachate capture	41Number of manure/organics storage structures Check if None
and reuse.	42. Total available storage capacity:
Poultry	Cu. Ft Gals Tons
26. Poultry (in 1,000s per flock)	Cu. Ft Gais Tolis
Broilers/Roasters Pullets	43. Yes ☐ No☐ Temporary stockpiling of manure/organics?
Layers Turkeys	Manure/Organics other than poultry litter
27 Number of Flocks per year	<ol> <li>Acres Liquid manure applied with injector or other sub-surface applicator.</li> </ol>
28. Poultry Integrator:	45 Acres Liquid manure incorporated within 48 hrs with vertical tillage equipment (Ex: "Turbo Till").  46 Acres Manure application applied at the crops
	Phosphorus Removal Rate.
29Number of Poultry Houses	47 Tons Total On-Farm Collected manure/organics
30 Total sq.ft. of all poultry houses	
Poultry Litter	48Tons Total On-Farm Collected manure/organics that remained stored or stockpiled
31 Tons Poultry litter removed during crust-	from 2020.
outs in 2021.	49. On Farm Collected manure/organics that was land
32Tons Poultry litter removed during partial	applied to your farm operation in 2021.
or total cleanout(s) in 2021.  33 Tons of On-Farm Collected poultry litter that	Type of Manure/Organics Amount Land Application
remained stored or stockpiled from 2020.	Dairy Beef Swine Tons Acres  Horse Sheep Other:
<ol> <li>On-Farm Collected poultry litter that was land applied to your farm operation in 2021.</li> </ol>	Gals. Acres
Tons Acres	Dairy Beef Swine Tons Acres Horse Sheep Other:
35. Tons of imported poultry litter that remained stored	Gals. Acres
or stockpiled from 2020 and was applied in 2021.	□ Dairy □ Beef □ Swine □ Tons Acres □ Horse □ Sheep □ Other:
Tons Acres	Gals. Acres
36Acres Poultry litter incorporated within 48 hrs with vertical tillage equipment (Ex: "Turbo Till").	50. Total imported manure/organics that remained stored or stockpiled from 2020 and was applied in 2021.  Tons/ Acres /Acres2
	_

# Annual Implementation Reports for CAFOs/MAFOs – Page 3

mported. Use additional she Check if None	eets II necessary.	MDA/MDE ID:				
Name	Address - Location where Manure/ Organics were Imported from?	Check Type of Imported Manure/ Organics	Amount	Amoun Used	Land Application	
Name of person:	Street:	Dairy Beef Poultry Swine Horse Sheep Compost Biosolids Class A	Gals.	Gals.	Acres	
Name of Farm/Entity:	City: County: State, Zip	☐ Biosolids Class B ☐ Poultry Processing DAF ☐ Food Residuals ☐ Other Manure or Organics:	Tons	Tons	Acres	
Name of person:	Street: City:	Dairy Beef Poultry Swine Horse Sheep Compost Biosolids Class A Biosolids Class B Poultry Processing DAF	Gals.	Gals.	Acres	
Name of Farm/Entity:	County: State, Zip	Food Residuals Other Manure or Organics:	Tons	Tons	Acres	
Name of person:	Street: City:	Dairy Beef Poultry Swine Horse Sheep Compost Biosolids Class A Biosolids Class B Poultry Processing DAF	Gals.	Gals.	Acres	
Name of Farm/Entity:	County: State, Zip	Food Residuals Other Manure or Organics:	Tons	Tons	Acres	
2. Exported Manure, Food exported. Use additional Check if None	d Waste or Other Organics that left your farm operal all sheets if necessary.	tion. Be sure to note COUNTY and STATE to wh	ich mate	rial was		
Name	Address - Location where Manure/Organics were Exported to?	Check Type of Exported Manure/ Organics		ount S	ent To:	
Name of person:	Street: City:	Dairy Beef Poultry Swine Horse Sheep Compost Poultry Processing DAF Food Residuals Other Manure or Organic	Gals	[	Alternative se Facility Manure/	
Name of Farm/Entity:	County: State, Zip	Prood Residuals Other Manure or Organic	Tons		rganics Broker Other Farm peration	
Name of person:	Street: City:	□ Dairy □ Beef □ Poultry □ Swine □ Horse □ Sheep □ Compost □ Poultry Processing DAF □ Food Residuals □ Other Manure or Organic	Gals.		Alternative Use Facility Manure/	
Name of Farm/Entity:	County: State, Zip	Food Residuals Other Manure or Organic	s: Ton		rganics Broker Other Farm peration	
Name of person:	Street: City:	Dairy Beef Poultry Swine Horse Sheep Compost Poultry Processing DAF	Gals	Ū	Alternative se Facility Manure/	
Name of Farm/Entity:	County:	Food Residuals Other Manure or Organic	s: Ton	g 0	rganics Broker Other Farm	

# Annual Implementation Reports for CAFOs/MAFOs - Page 4

53. Summary of Nutrient Applications by Crop See Instructions for help with this table.

TOTAL pounds of AVAILABLE nutrients applied. If you did not apply nutrients, list the crop, the crop acreage and draw a line through the rest of the boxes.

CROP		Comn	ommercial Fertilizer in pounds			Manure in pounds		Biosolids/Sewage Sludge in pounds			Other Organic Sources in pounds		
Include Pastures	Acres	N	P <sub>2</sub> O <sub>5</sub>		N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	N	P <sub>2</sub> O <sub>5</sub>		N	P <sub>2</sub> O <sub>5</sub>	
Corn grain, dry land													
Corn grain, irrigated													
Corn silage													
Soybeans, full season													
Soybeans, double crop													
Small grains, Spring 2021													
Small grains, Fall 2021													
Hay, grass													
Hay, legume													
Pasture													
Vegetables													
Tobacco													
List other crops:													
Report Certification						l. Operato	r's Signa	ture					
All of the information con ment Annual Implementa knowledge. A valid nutrie calendar year 2022 will be	tion Repor	rt (AIR) is ement plar	true to the for my op	best of my eration(s)	for	5. Operator	's Printed	i Name:					
MDA/MDE ID:					56	6. Date sign	ed:						

## Annual Implementation Reports for CAFOs/MAFOs – Page 5

#### 57. Summary of Nutrient Applications by Field (See instructions).

List all fields that received manure in 2021, whether generated on site or imported. Field names must correspond with the nutrient management plan field names. Use additional sheets if needed.

Field Name / Mgmt Unit	Acres	Crop & Yield Goal	Crop Yield Harvested	Soil Test results (ppm, mg/l or lbs/a) P <sub>2</sub> O <sub>5</sub>	Cron & Viold Goal (in lhe/acre)		Nutrient application rates from Manure, Litter, Process Wastewater (in lbs nutrient per acre) $N$ $P_2O_5$		Commercial fertilizer, sewage si and other nutrient sources(in li- nutrient per acre) Type N		
A-1	30	corn grain 150 bu	130	81 ppm	150	20	7	20	urea	150	P <sub>2</sub> O <sub>5</sub>

58. Manure Nutrient Content. Attach Lab Sheets. Samples must reflect manure used or exported manure in 2021.

59. Unpermitted Discharges. List all times during 2021 that unpermitted discharges of contaminated water occurred from the production area to waters of
the State (surface and ground water), along with date, time, quantity of discharge and the source, ex: chicken house, manure shed, swale between chicken
houses, etc.



# **Annual Implementation Reports**

For questions to complete AIRs for CAFOs/MAFOs, contact our office at 410.537.3314

- Ask for Sarah Butcher or Kate Rutt
- Have available for reference your current NMP, selfinspection records/log sheets, manure analysis lab report



# **Current GD Permit Coverage Status**

Covered under GD Permit (14AFA & 19AF GD Permits):

- 543 AFOs total ~ 519 CAFOs + 24 MAFOs
- CAFO and MAFO numbers change annually due to facility transfers, closures/withdrawals

Currently (2.02.22) for 19AF:

102 AFOs registered



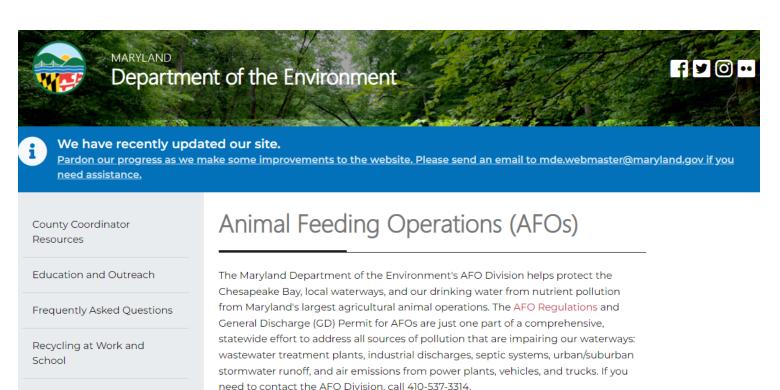
Recycling in Maryland

Source Deduction

# MDE/AFO Website Improvements

## **Recent MDE Website Improvements**

- Certain changes further progressing
- Improve viewer content and use

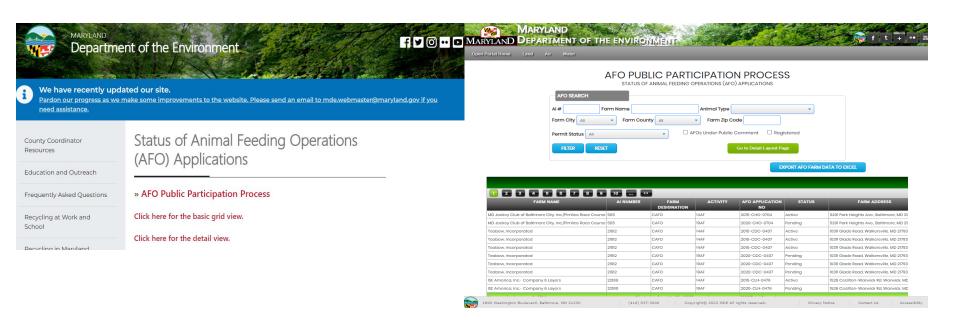


ANNOUNCEMENTS:



# AFO Public Participation Webpage

# Additional improvements planned for Public Participation Webpage following recent MDE Website Changes





# Inform Us

When a facility is purchased, sold, or has changed operators, new houses or new manure sheds built, old houses or old manure sheds demolished, new land added, operation size reduced, etc.



# Contact

Darren Alles

darren.alles1@maryland.gov

410.537.4423

For additional info or assistance, please contact the AFO Division at 410.537.3314 or visit our website at:

https://mde.maryland.gov/programs/LAND/RecyclingandOperationsprogram/Pages/AFOInfo.aspx

MARYLAND