Edward F. Poolos
Director

Jeffery W. Kitchens
Deputy Director

Kay Ivey
Governor

Alabama Department of Environmental Management
adem.alabama.gov

1400 Coliseum Blvd. 36110-2400 ▪ Post Office Box 301463
Montgomery, Alabama 36130-1463
(334) 271-7700 ▪ FAX (334) 271-7950

SEP 0 4 2025

MR. KEVIN MCDANIEL
CHIEF OPERATING OFFICER
WAYNE FARMS, LLC
4110 CONTINENTAL DRIVE
OAKWOOD, GA 30566

RE: REVISED DRAFT PERMIT
NPDES PERMIT NUMBER AL0028860

Dear Mr. McDaniel:

Transmitted herein is a revised draft of the referenced permit.

We would appreciate your comments on the permit within **30 days** of the date of this letter. Please direct any comments of a technical or administrative nature to the undersigned.

By copy of this letter and the draft permit, we are also requesting comments within the same time frame from EPA.

Our records indicate that you have utilized the Department's web-based electronic environmental (E2) reporting system for submittal of discharge monitoring reports (DMRs). The Department transitioned from the E2 Reporting System to the Alabama Environmental Permitting and Compliance System (AEPACS) for the submittal of DMRs on November 15, 2021. AEPACS is an electronic system that allows facilities to apply for and maintain permits as well as submit other required applications, registrations, and certifications. In addition, the system allows facilities to submit required compliance reports or other information to the Department. The Department has used the E2 User account information to set up a similar User Profile in AEPACS based on the following criteria:

1. The user has logged in to E2 since October 1, 2019; and
2. The E2 user account is set up using a unique email address.

E2 users that met the above criteria will only need to establish an ADEM Web Portal account (https://prd.adem.alabama.gov/awp) under the same email address as their E2 account to have the same permissions in AEPACS as they did in E2. They will also automatically be linked to the same facilities they were in E2.

The Alabama Department of Environmental Management encourages you to voluntarily consider pollution prevention practices and alternatives at your facility. Pollution Prevention may assist you in complying with effluent limitations, and possibly reduce or eliminate monitoring requirements.

If you have questions regarding this permit or monitoring requirements, please contact Victoria Kim by e-mail at **victoria.kim@adem.alabama.gov** or by phone at **(334) 271-7895.**

Sincerely,

Scott Jackson, Chief
Industrial Section
Industrial/Municipal Branch
Water Division

Enclosure: Draft Permit

pc via website: Montgomery Field Office
EPA Region IV
U.S. Fish & Wildlife Service
AL Historical Commission
Advisory Council on Historic Preservation
Department of Conservation and Natural Resources

Birmingham Office
110 Vulcan Road
Birmingham, AL 35209-4702
(205) 942-6168
(205) 941-1603 (FAX)

Decatur Office
2715 Sandlin Road, S.W.
Decatur, AL 35603-1333
(256) 353-1713
(256) 340-9359 (FAX)

Coastal Office
1615 South Broad Street
Mobile, AL 36605
(251) 450-3400
(251) 479-2593 (FAX)

Alabama Department of Environmental Management

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PERMITTEE: WAYNE FARMS LLC – JACK AL FRESH PLANT

FACILITY LOCATION: WAYNE FARMS, LLC – JACK FACILITY
1020 COUNTY ROAD 114
JACK, ALABAMA 36346
COFFEE COUNTY

PERMIT NUMBER: AL0028860

RECEIVING WATERS: 001 – PEA RIVER
002-005, 008 – UNNAMED TRIBUTARY TO PEA RIVER

In accordance with and subject to the provisions of the Federal Water Pollution Control Act, as amended, 33 U.S.C. §§1251-1388 (the "FWPCA"), the Alabama Water Pollution Control Act, as amended, Code of Alabama 1975, §§ 22-22-1 to 22-22-14 (the "AWPCA"), the Alabama Environmental Management Act, as amended, Code of Alabama 1975, §§22-22A-1 to 22-22A-17, and rules and regulations adopted thereunder, and subject further to the terms and conditions set forth in this permit, the Permittee is hereby authorized to discharge into the above-named receiving waters.

ISSUANCE DATE:

EFFECTIVE DATE:

EXPIRATION DATE:

Revised DRAFT

Alabama Department of Environmental Management
Water Division Chief

Table of Contents

Table of Contents (continued)

PART I: DISCHARGE LIMITATIONS, CONDITIONS, AND REQUIREMENTS

A. DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS

DSN0011: Treated process wastewater from poultry processing operations, sanitary wastewater and storm water runoff associated with poultry processing operations. 3/ 4/ 5/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency[2]	Sample Type[1]	Seasonal
Oxygen, Dissolved (DO) (00300) Effluent Gross Value	*****	*****	*****	6.0 Minimum Daily	*****	*****	mg/l	Weekly	Grab	All Months
BOD, 5-Day (20 Deg. C) (00310) Effluent Gross Value	*****	*****	*****	*****	16 Monthly Average	26 Maximum Daily	mg/l	2X Weekly	Composite	All Months
pH (00400) Effluent Gross Value	*****	*****	*****	6.0 Minimum Daily	*****	8.5 Maximum Daily	S.U.	Monthly	Grab	All Months
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	20 Monthly Average	30 Maximum Daily	mg/l	2X Weekly	Composite	All Months
Oil and Grease, Hexane Extr Method (00552) Effluent Gross Value	*****	*****	*****	*****	8 Monthly Average	14 Maximum Daily	mg/l	Weekly	Grab	All Months
Nitrogen, Total (As N) (00600) Effluent Gross Value	*****	*****	*****	*****	103 Monthly Average	147 Maximum Daily	mg/l	Weekly	Composite	All Months
Nitrogen, Ammonia Total (As N) (00610) Effluent Gross Value	*****	*****	*****	*****	4.0 Monthly Average	8.0 Maximum Daily	mg/l	3X Weekly test	Composite	Jan, Feb, Mar, Apr, Dec
Nitrogen, Ammonia Total (As N) (00610) Effluent Gross Value	*****	*****	*****	*****	2.0 Monthly Average	3.0 Maximum Daily	mg/l	3X Weekly test	Composite	May, Jun, Jul, Aug, Sep, Oct, Nov
Nitrogen, Kjeldahl Total (As N) (00625) Effluent Gross Value	*****	*****	*****	*****	(Report) Monthly Average	(Report) Maximum Daily	mg/l	Weekly	Composite	All Months

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.

2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.

3/ See Part IV.A for Best Management Practices (BMP) Plan Requirements.

4/ See Part IV.B for Stormwater Measurement and Sampling Requirements.

5/ See Part IV.C for Best Management Practices (BMP) for Poultry Processing Plants.

DSN0011 (Continued): Treated process wastewater from poultry processing operations, sanitary wastewater and storm water runoff associated with poultry processing operations. 3/ 4/ 5/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency[2]	Sample Type[1]	Seasonal
Nitrite Plus Nitrate Total 1 Det. (As N) (00630) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Monthly	Composite	All Months
Phosphorus, Total (As P) (00665) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Monthly	Composite	All Months
E. Coli (51040) Effluent Gross Value	*****	*****	*****	*****	548 Monthly Average	2507 Maximum Daily	col/100mL	Weekly	Grab	Jan, Feb, Mar, Apr, Nov, Dec
E. Coli (51040) Effluent Gross Value	*****	*****	*****	*****	126 Monthly Average	298 Maximum Daily	col/100mL	Weekly	Grab	May, Jun, Jul, Aug, Sep, Oct
Coliform, Fecal General (74055) Effluent Gross Value	*****	*****	*****	*****	*****	400 Maximum Daily	col/100mL	Weekly	Grab	All Months

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.

2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.

3/ See Part IV.A for Best Management Practices (BMP) Plan Requirements.

4/ See Part IV.B for Stormwater Measurement and Sampling Requirements.

5/ See Part IV.C for Best Management Practices (BMP) for Poultry Processing Plants.

DSN001A: Treated process wastewater from poultry processing operations, sanitary wastewater and storm water runoff associated with poultry processing operations. 3/ 4/ 5/ 6/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency[2]	Sample Type[1]	Seasonal
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	(Report) Monthly Average	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Monthly	Totalizer	All Months
BOD, Carbonaceous 05 Day, 20C (80082) Effluent Gross Value	*****	*****	*****	*****	25.0 Monthly Average	37.5 Maximum Daily	mg/l	2X Weekly	Composite	Jan, Feb, Mar, Apr, Dec
BOD, Carbonaceous 05 Day, 20C (80082) Effluent Gross Value	*****	*****	*****	*****	8.0 Monthly Average	12.0 Maximum Daily	mg/l	2X Weekly	Composite	May, Jun, Jul, Aug, Sep, Oct, Nov

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.

2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.

3/ See Part IV.A for Best Management Practices (BMP) Plan Requirements.

4/ See Part IV.B for Stormwater Measurement and Sampling Requirements.

5/ See Part IV.C for Best Management Practices (BMP) for Poultry Processing Plants.

6/ Tier 1 is based on a monthly average flow greater than 1.8 MGD.

DSN001B: Treated process wastewater from poultry processing operations, sanitary wastewater and storm water runoff associated with poultry processing operations. 3/ 4/ 5/ 6/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency[2]	Sample Type[1]	Seasonal
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	(Report) Monthly Average	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Monthly	Totalizer	All Months
BOD, Carbonaceous 05 Day, 20C (80082) Effluent Gross Value	*****	*****	*****	*****	25.0 Monthly Average	37.5 Maximum Daily	mg/l	2X Weekly	Composite	Jan, Feb, Mar, Apr, Dec
BOD, Carbonaceous 05 Day, 20C (80082) Effluent Gross Value	*****	*****	*****	*****	10.0 Monthly Average	15.0 Maximum Daily	mg/l	2X Weekly	Composite	May, Jun, Jul, Aug, Sep, Oct, Nov

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.

2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.

3/ See Part IV.A for Best Management Practices (BMP) Plan Requirements.

4/ See Part IV.B for Stormwater Measurement and Sampling Requirements.

5/ See Part IV.C for Best Management Practices (BMP) for Poultry Processing Plants.

6/ Tier 2 is based on a monthly average flow greater than 1.5 MGD and less than or equal to 1.8 MGD.

DSN001C: Treated process wastewater from poultry processing operations, sanitary wastewater and storm water runoff associated with poultry processing operations. 3/ 4/ 5/ 6/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency[2]	Sample Type[1]	Seasonal
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	(Report) Monthly Average	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Monthly	Totalizer	All Months
BOD, Carbonaceous 05 Day, 20C (80082) Effluent Gross Value	*****	*****	*****	*****	25.0 Monthly Average	37.5 Maximum Daily	mg/l	2X Weekly	Composite	Jan, Feb, Mar, Apr, Dec
BOD, Carbonaceous 05 Day, 20C (80082) Effluent Gross Value	*****	*****	*****	*****	12.0 Monthly Average	18.0 Maximum Daily	mg/l	2X Weekly	Composite	May, Jun, Jul, Aug, Sep, Oct, Nov

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.

2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.

3/ See Part IV.A for Best Management Practices (BMP) Plan Requirements.

4/ See Part IV.B for Stormwater Measurement and Sampling Requirements.

5/ See Part IV.C for Best Management Practices (BMP) for Poultry Processing Plants.

6/ Tier 3 is based on a monthly average flow less than or equal to 1.5 MGD.

DSN002S: Storm water runoff associated with poultry processing operations and secondary containment areas associated with chemical storage. 3/ 4/ 5/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency[2]	Sample Type[1]	Seasonal
BOD, 5-Day (20 Deg. C) (00310) Effluent Gross Value	*****	*****	*****	*****	*****	100 Maximum Daily	mg/l	Semi-Annually	Grab	All Months
pH (00400) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	S.U.	Semi-Annually	Grab	All Months
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Nitrogen, Ammonia Total (As N) (00610) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Nitrogen, Kjeldahl Total (As N) (00625) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Nitrite Plus Nitrate Total 1 Det. (As N) (00630) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Phosphorus, Total (As P) (00665) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Semi-Annually	Calculated	All Months

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.

2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.

3/ See Part IV.A for Best Management Practices (BMP) Plan Requirements.

4/ See Part IV.B for Stormwater Measurement and Sampling Requirements.

5/ See Part IV.C for Best Management Practices (BMP) for Poultry Processing Plants.

DSN002S (Continued): Storm water runoff associated with poultry processing operations and secondary containment areas associated with chemical storage. 3/ 4/ 5/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency[2]	Sample Type[1]	Seasonal
E. Coli (51040) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	col/100mL	Semi-Annually	Grab	All Months
Chemical Oxygen Demand (COD) (81017) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.

2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.

3/ See Part IV.A for Best Management Practices (BMP) Plan Requirements.

4/ See Part IV.B for Stormwater Measurement and Sampling Requirements.

5/ See Part IV.C for Best Management Practices (BMP) for Poultry Processing Plants.

DSN003S: Storm water runoff associated with poultry processing operations and land application of poultry processing wastewaters. 3/ 4/ 5/ 6/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency[2]	Sample Type[1]	Seasonal
BOD, 5-Day (20 Deg. C) (00310) Effluent Gross Value	*****	*****	*****	*****	*****	100 Maximum Daily	mg/l	Semi-Annually	Grab	All Months
pH (00400) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	S.U.	Semi-Annually	Grab	All Months
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Nitrogen, Ammonia Total (As N) (00610) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Nitrogen, Kjeldahl Total (As N) (00625) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Nitrite Plus Nitrate Total 1 Det. (As N) (00630) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Phosphorus, Total (As P) (00665) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Semi-Annually	Calculated	All Months

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.

2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.

3/ See Part IV.A for Best Management Practices (BMP) Plan Requirements.

4/ See Part IV.B for Stormwater Measurement and Sampling Requirements.

5/ See Part IV.C for Best Management Practices (BMP) for Poultry Processing Plants.

6/ See Part IV.D for Industrial Land Application Requirements.

DSN003S (Continued): Storm water runoff associated with poultry processing operations and land application of poultry processing wastewaters. 3/ 4/ 5/ 6/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency[2]	Sample Type[1]	Seasonal
E. Coli (51040) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	col/100mL	Semi-Annually	Grab	All Months
Chemical Oxygen Demand (COD) (81017) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.

2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.

3/ See Part IV.A for Best Management Practices (BMP) Plan Requirements.

4/ See Part IV.B for Stormwater Measurement and Sampling Requirements.

5/ See Part IV.C for Best Management Practices (BMP) for Poultry Processing Plants.

6/ See Part IV.D for Industrial Land Application Requirements.

DSN004S, DSN005S and DSN008S: Storm water runoff associated with poultry processing operations and land application of poultry processing wastewaters 1/ 2/

NO LIMITATIONS OR MONITORING REQUIREMENTS IMPOSED

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

1/ See Part IV.A for Best Management Practices (BMP) Plan Requirements
2/ See Part IV.D for Industrial Land Application Requirements

DSNMW11, DSNMW21 and DSNMW31: Groundwater monitoring wells. 3/ 4/ 5/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency[2]	Sample Type[1]	Seasonal
Sulfate (As S) (00154) Intake From Well	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months
pH (00400) Intake From Well	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	S.U.	Quarterly	Grab	All Months
Solids, Total Suspended (00530) Intake From Well	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months
Nitrogen, Kjeldahl Total (As N) (00625) Intake From Well	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months
Sodium, Total (As Na) (00929) Intake From Well	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months
Chloride (As Cl) (00940) Intake From Well	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months
Solids, Total Dissolved (TDS) (70296) Intake From Well	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months
Nitrogen, Nitrate Total (As NO3) (71850) Intake From Well	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months
Nitrogen, Nitrite Total (As NO2) (71855) Intake From Well	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.

2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.

3/ See Part IV.A for Best Management Practices (BMP) Plan Requirements.

4/ See Part IV.C for Best Management Practices (BMP) for Poultry Processing Plants.

5/ See Part IV.E for Groundwater Monitoring Requirements.

DSNMW11, DSNMW21 and DSNMW31 (Continued): Groundwater monitoring wells. 3/ 4/ 5/

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the Permittee is authorized to discharge from the outfall(s) listed above and described more fully in the Permittee's application. Such discharges shall be limited and monitored by the Permittee as specified below:

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Frequency[2]	Sample Type[1]	Seasonal
Coliform, Fecal General (74055) Intake From Well	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	col/100mL	Quarterly	Grab	All Months
Water Level At Samp. Collection Time (85327) Intake From Well	*****	(Report) Maximum Daily	feet	*****	*****	*****	*****	Quarterly	Grab	All Months

THE DISCHARGE SHALL HAVE NO SHEEN, AND THERE SHALL BE NO DISCHARGE OF VISIBLE OIL, FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

1/ Samples collected to comply with the monitoring requirements specified above shall be collected at the following location: At the nearest accessible location just prior to discharge and after final treatment. Unless otherwise specified, composite samples shall be time composite samples collected using automatic sampling equipment or a minimum of eight (8) equal volume grab samples collected over equal time intervals. All composite samples shall be collected for the total period of discharge not to exceed 24 hours.

2/ If only one sampling event occurs during a month, the sample result shall be reported on the discharge monitoring report as both the monthly average and daily maximum value for all parameters with a monthly average limitation.

3/ See Part IV.A for Best Management Practices (BMP) Plan Requirements.

4/ See Part IV.C for Best Management Practices (BMP) for Poultry Processing Plants.

5/ See Part IV.E for Groundwater Monitoring Requirements.

B. DISCHARGE MONITORING AND RECORD KEEPING REQUIREMENTS

1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge and shall be in accordance with the provisions of this permit.

2. Test Procedures

For the purpose of reporting and compliance, permittees shall use one of the following procedures:

a. For parameters with an EPA established Minimum Level (ML), report the measured value if the analytical result is at or above the ML and report "0" for values below the ML. Test procedures for the analysis of pollutants shall conform to 40 CFR Part 136 and guidelines published pursuant to Section 304(h) of the FWPCA, 33 U.S.C. Section 1314(h). If more than one method for analysis of a substance is approved for use, a method having a minimum level lower than the permit limit shall be used. If the minimum level of all methods is higher than the permit limit, the method having the lowest minimum level shall be used and a report of less than the minimum level shall be reported as zero and will constitute compliance; however, should EPA approve a method with a lower minimum level during the term of this permit the permittee shall use the newly approved method.

b. For pollutants parameters without an established ML, an interim ML may be utilized. The interim ML shall be calculated as 3.18 times the Method Detection Level (MDL) calculated pursuant to 40 CFR Part 136, Appendix B.

Permittees may develop an effluent matrix-specific ML, where an effluent matrix prevents attainment of the established ML. However, a matrix specific ML shall be based upon proper laboratory method and technique. Matrix-specific MLs must be approved by the Department, and may be developed by the permittee during permit issuance, reissuance, modification, or during compliance schedule.

In either case the measured value should be reported if the analytical result is at or above the ML and "0" reported for values below the ML.

c. For parameters without an EPA established ML, interim ML, or matrix-specific ML, a report of less than the detection limit shall constitute compliance if the detection limit of all analytical methods is higher than the permit limit using the most sensitive EPA approved method. For the purpose of calculating a monthly average, "0" shall be used for values reported less than the detection limit.

The Minimum Level utilized for procedures A and B above shall be reported on the permittee's DMR. When an EPA approved test procedure for analysis of a pollutant does not exist, the Director shall approve the procedure to be used.

3. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

a. The facility name and location, point source number, date, time and exact place of sampling;

b. The name(s) of person(s) who obtained the samples or measurements;

c. The dates and times the analyses were performed;

d. The name(s) of the person(s) who performed the analyses;

e. The analytical techniques or methods used, including source of method and method number; and

f. The results of all required analyses.

4. Records Retention and Production

The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by the permit, and records of all data used to complete the above reports or the application for this permit, for a period of at least three years from the date of the sample measurement, report or application. This period may be extended by request of the Director at any time. If litigation or other enforcement action, under the AWPCA and/or the FWPCA, is ongoing which involves any of the above records, the records shall be kept until the litigation is resolved. Upon the written request of the Director or his designee, the

permittee shall provide the Director with a copy of any record required to be retained by this paragraph. Copies of these records shall not be submitted unless requested.

All records required to be kept for a period of three years shall be kept at the permitted facility or an alternate location approved by the Department in writing and shall be available for inspection.

5. Monitoring Equipment and Instrumentation

All equipment and instrumentation used to determine compliance with the requirements of this permit shall be installed, maintained, and calibrated in accordance with the manufacturer's instructions or, in the absence of manufacturer's instructions, in accordance with accepted practices. The permittee shall develop and maintain quality assurance procedures to ensure proper operation and maintenance of all equipment and instrumentation. The quality assurance procedures shall include the proper use, maintenance, and installation, when appropriate, of monitoring equipment at the plant site.

C. DISCHARGE REPORTING REQUIREMENTS

1. Reporting of Monitoring Requirements

a. The permittee shall conduct the required monitoring in accordance with the following schedule:

MONITORING REQUIRED MORE FREQUENTLY THAN MONTHLY AND MONTHLY shall be conducted during the first full month following the effective date of coverage under this permit and every month thereafter.

QUARTERLY MONITORING shall be conducted at least once during each calendar quarter. Calendar quarters are the periods of January through March, April through June, July through September, and October through December. The permittee shall conduct the quarterly monitoring during the first complete calendar quarter following the effective date of this permit and is then required to monitor once during each quarter thereafter. Quarterly monitoring may be done anytime during the quarter, unless restricted elsewhere in this permit, but it should be submitted with the last DMR due for the quarter, i.e., (March, June, September and December DMR's).

SEMIANNUAL MONITORING shall be conducted at least once during the period of January through June and at least once during the period of July through December. The permittee shall conduct the semiannual monitoring during the first complete calendar semiannual period following the effective date of this permit and is then required to monitor once during each semiannual period thereafter. Semiannual monitoring may be done anytime during the semiannual period, unless restricted elsewhere in this permit, but it should be submitted with the last DMR for the month of the semiannual period, i.e. (June and December DMR's).

ANNUAL MONITORING shall be conducted at least once during the period of January through December. The permittee shall conduct the annual monitoring during the first complete calendar annual period following the effective date of this permit and is then required to monitor once during each annual period thereafter. Annual monitoring may be done anytime during the year, unless restricted elsewhere in this permit, but it should be submitted with the December DMR.

b. The permittee shall submit discharge monitoring reports (DMRs) on the forms provided by the Department and in accordance with the following schedule:

REPORTS OF MORE FREQUENTLY THAN MONTHLY AND MONTHLY TESTING shall be submitted on a **monthly** basis. The first report is due on the **28th day of (MONTH, YEAR).** The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period.

REPORTS OF QUARTERLY TESTING shall be submitted on a **quarterly** basis. The first report is due on the **28th day of [Month, Year].** The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period.

REPORTS OF SEMIANNUAL TESTING shall be submitted on a semiannual basis. The reports are due on the 28th day of JANUARY and the 28th day of JULY. The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period.

REPORTS OF ANNUAL TESTING shall be submitted on an annual basis. The first report is due on the 28th day of JANUARY. The reports shall be submitted so that they are received by the Department no later than the 28th day of the month following the reporting period.

c. Except as allowed by Provision I.C.1.c.(1) or (2), the permittee shall submit all Discharge Monitoring Reports (DMRs) required by Provision I.C.1.b electronically.

(1) If the permittee is unable to complete the electronic submittal of DMR data due to technical problems originating with the Department's electronic system (this could include entry/submittal issues with an entire set of DMRs or individual parameters), the permittee is not relieved of their obligation to submit DMR data to the Department by the date specified in Provision I.C.1.b, unless otherwise directed by the Department.

If the Department's electronic system is down on the 28th day of the month in which the DMR is due or is down for an extended period of time, as determined by the Department, when a DMR is required to be submitted, the permittee may submit the data in an alternate manner and format acceptable to the Department. Preapproved alternate acceptable methods include faxing, e-mailing, mailing, or hand-delivery of data such that they are received by the required reporting date. Within 5 calendar days of the Department's electronic system resuming operation, the permittee shall enter the data into the Department's electronic system, unless an alternate timeframe is approved by the Department. A comment should be included on the electronic DMR submittal verifying the original submittal date (date of the fax, copy of the dated e-mail, or hand-delivery stamped date), if applicable.

(2) The permittee may submit a request to the Department for a temporary electronic reporting waiver for DMR submittals. The waiver request should include the permit number; permittee name; facility/site name; facility address; name, address, and contact information for the responsible official or duly authorized representative; a detailed statement regarding the basis for requesting such a waiver; and the duration for which the waiver is requested. Approved electronic reporting waivers are not transferrable.

Permittees with an approved electronic reporting waiver for DMRs may submit hard copy DMRs for the period that the approved electronic reporting waiver request is effective. The permittee shall submit the Department-approved DMR forms to the address listed in Provision I.C.1.e.

(3) If a permittee is allowed to submit a hard copy DMR, the DMR must be legible and bear an original signature. Photo and electronic copies of the signature are not acceptable and shall not satisfy the reporting requirements of this permit.

(4) If the permittee, using approved analytical methods as specified in Provision I.B.2, monitors any discharge from a point source for a limited substance identified in Provision I.A. of this permit more frequently than required by this permit, the results of such monitoring shall be included in the calculation and reporting of values on the DMR and the increased frequency shall be indicated on the DMR.

(5) In the event no discharge from a point source identified in Provision I.A. of this permit and described more fully in the permittee's application occurs during a monitoring period, the permittee shall report "No Discharge" for such period on the appropriate DMR.

d. All reports and forms required to be submitted by this permit, the AWPCA and the Department's Rules, shall be electronically signed (or, if allowed by the Department, traditionally signed) by a "responsible official" of the permittee as defined in ADEM Administrative Code Rule 335-6-6-.09 or a "duly authorized representative" of such official as defined in ADEM Administrative Code Rule 335-6-6-.09 and shall bear the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

e. Discharge Monitoring Reports required by this permit, the AWPCA, and the Department's Rules that are being submitted in hard copy shall be addressed to:

Alabama Department of Environmental Management
Water Division
Office of Water Services
Post Office Box 301463
Montgomery, Alabama 36130-1463

Certified and Registered Mail containing Discharge Monitoring Reports shall be addressed to:

Alabama Department of Environmental Management
Water Division
Office of Water Services
1400 Coliseum Boulevard
Montgomery, Alabama 36110-2400

f. All other correspondence and reports required to be submitted by this permit, the AWPCA, and the Department's Rules shall be addressed to:

Alabama Department of Environmental Management`
Water Division
Post Office Box 301463
Montgomery, Alabama 36130-1463

Certified and Registered Mail shall be addressed to:

Alabama Department of Environmental Management
Water Division
1400 Coliseum Boulevard
Montgomery, Alabama 36110-2400

g. If this permit is a re-issuance, then the permittee shall continue to submit DMRs in accordance with the requirements of their previous permit until such time as DMRs are due as discussed in Part I.C.1.b above.

2. Noncompliance Notification

a. 24-Hour Noncompliance Reporting

The permittee shall report to the Director, within 24-hours of becoming aware of the noncompliance, any noncompliance which may endanger health or the environment. This shall include but is not limited to the following circumstances:

(1) does not comply with any daily minimum or maximum discharge limitation for an effluent characteristic specified in Provision I. A. of this permit which is denoted by an "(X)";

(2) threatens human health or welfare, fish or aquatic life, or water quality standards;

(3) does not comply with an applicable toxic pollutant effluent standard or prohibition established under Section 307(a) of the FWPCA, 33 U.S.C. Section 1317(a);

(4) contains a quantity of a hazardous substance which has been determined may be harmful to public health or welfare under Section 311(b)(4) of the FWPCA, 33 U.S.C. Section 1321(b)(4);

(5) exceeds any discharge limitation for an effluent characteristic as a result of an unanticipated bypass or upset; and

(6) is an unpermitted direct or indirect discharge of a pollutant to a water of the state (unpermitted discharges properly reported to the Department under any other requirement are not required to be reported under this provision).

The permittee shall orally report the occurrence and circumstances of such discharge to the Director within 24-hours after the permittee becomes aware of the occurrence of such discharge. In addition to the oral report, the permittee shall submit to the Director or Designee a written report as provided in Part I.C.2.c no later than five (5) days after becoming aware of the occurrence of such discharge.

b. If for any reason, the permittee's discharge does not comply with any limitation of this permit, the permittee shall submit to the Director or Designee a written report as provided in Part I.C.2.c below, such report shall be submitted with the next Discharge Monitoring Report required to be submitted by Part I.C.1 of this permit after becoming aware of the occurrence of such noncompliance.

c. Any written report required to be submitted to the Director or Designee by Part I.C.2 a. or b. shall be submitted using a Noncompliance Notification Form (ADEM Form 421) available on the Department's website (http://adem.alabama.gov/DeptForms/Form421.pdf) and include the following information:

(1) A description of the discharge and cause of noncompliance;

(2) The period of noncompliance, including exact dates and times or, if not corrected, the anticipated time the noncompliance is expected to continue; and

(3) A description of the steps taken and/or being taken to reduce or eliminate the noncomplying discharge and to prevent its recurrence.

D. OTHER REPORTING AND NOTIFICATION REQUIREMENTS

1. Anticipated Noncompliance

The permittee shall give the Director written advance notice of any planned changes or other circumstances regarding a facility which may result in noncompliance with permit requirements.

2. Termination of Discharge

The permittee shall notify the Director, in writing, when all discharges from any point source(s) identified in Provision I. A. of this permit have permanently ceased. This notification shall serve as sufficient cause for instituting procedures for modification or termination of the permit.

3. Updating Information

a. The permittee shall inform the Director of any change in the permittee's mailing address, telephone number or in the permittee's designation of a facility contact or office having the authority and responsibility to prevent and abate violations of the AWPCA, the Department's Rules, and the terms and conditions of this permit, in writing, no later than ten (10) days after such change. Upon request of the Director or his designee, the permittee shall furnish the Director with an update of any information provided in the permit application.

b. If the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information with a written explanation for the mistake and/or omission.

4. Duty to Provide Information

The permittee shall furnish to the Director, within a reasonable time, any information which the Director or his designee may request to determine whether cause exists for modifying, revoking and re-issuing, suspending, or terminating this permit, in whole or in part, or to determine compliance with this permit.

5. Cooling Water and Boiler Water Additives

a. The permittee shall notify the Director in writing not later than thirty (30) days prior to instituting the use of any biocide corrosion inhibitor or chemical additive in a cooling or boiler system, not identified in the application for this permit, from which discharge is allowed by this permit. Notification is not required for additives that do not contain a heavy metal(s) as an active ingredient and that pass through a wastewater treatment system prior to discharge nor is notification required for additives that should not reasonably be expected to cause the cooling water or boiler water to exhibit toxicity as determined by analysis of manufacturer's data or testing by the permittee. Such notification shall include:

(1) name and general composition of biocide or chemical;

(2) 96-hour median tolerance limit data for organisms representative of the biota of the waterway into which the discharge will ultimately reach;

(3) quantities to be used;

(4) frequencies of use;

(5) proposed discharge concentrations; and

(6) EPA registration number, if applicable.

b. The use of a biocide or additive containing tributyl tin, tributyl tin oxide, zinc, chromium or related compounds in cooling or boiler system(s), from which a discharge regulated by this permit occurs, is prohibited except as exempted below. The use of a biocide or additive containing zinc, chromium or related compounds may be used in special circumstances if (1) the permit contains limits for these substances, or (2) the applicant demonstrates during the application process that the use of zinc, chromium or related compounds as a biocide or additive will not pose a reasonable potential to violate the applicable State water quality standards for these substances. The use of any additive, not identified in this permit or in the

application for this permit or not exempted from notification under this permit is prohibited, prior to a determination by the Department that permit modification to control discharge of the additive is not required or prior to issuance of a permit modification controlling discharge of the additive.

6. Permit Issued Based on Estimated Characteristics

a. If this permit was issued based on estimates of the characteristics of a process discharge reported on an EPA NPDES Application Form 2D (EPA Form 3510-2D), the permittee shall complete and submit an EPA NPDES Application Form 2C (EPA Form 3510-2C) no later than two years after the date that discharge begins. Sampling required for completion of the Form 2C shall occur when a discharge(s) from the process(s) causing the new or increased discharge is occurring. If this permit was issued based on estimates concerning the composition of a stormwater discharge(s), the permittee shall perform the sampling required by EPA NPDES Application Form 2F (EPA Form 3510-2F) no later than one year after the industrial activity generating the stormwater discharge has been fully initiated.

b. This permit shall be reopened if required to address any new information resulting from the completion and submittal of the Form 2C and or 2F.

E. SCHEDULE OF COMPLIANCE

1. The permittee shall achieve compliance with the discharge limitations specified in Provision I. A. in accordance with the following schedule:

COMPLIANCE SHALL BE ATTAINED ON THE EFFECTIVE DATE OF THIS PERMIT

2. No later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

PART II: OTHER REQUIREMENTS, RESPONSIBILITIES, AND DUTIES

A. OPERATIONAL AND MANAGEMENT REQUIREMENTS

1. Facilities Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities only when necessary to achieve compliance with the conditions of the permit.

2. Best Management Practices

a. Dilution water shall not be added to achieve compliance with discharge limitations except when the Director or his designee has granted prior written authorization for dilution to meet water quality requirements.

b. The permittee shall prepare, implement, and maintain a Spill Prevention, Control and Countermeasures (SPCC) Plan in accordance with 40 C.F.R. Section 112 if required thereby.

c. The permittee shall prepare, submit for approval and implement a Best Management Practices (BMP) Plan for containment of any or all process liquids or solids, in a manner such that these materials do not present a significant potential for discharge, if so required by the Director or his designee. When submitted and approved, the BMP Plan shall become a part of this permit and all requirements of the BMP Plan shall become requirements of this permit.

3. Spill Prevention, Control, and Management

The permittee shall provide spill prevention, control, and/or management sufficient to prevent any spills of pollutants from entering a water of the state or a publicly or privately owned treatment works. Any containment system used to implement this requirement shall be constructed of materials compatible with the substance(s) contained and which shall prevent the contamination of groundwater and such containment system shall be capable of retaining a volume equal to 110 percent of the capacity of the largest tank for which containment is provided.

B. OTHER RESPONSIBILITIES

1. Duty to Mitigate Adverse Impacts

The permittee shall promptly take all reasonable steps to mitigate and minimize or prevent any adverse impact on human health or the environment resulting from noncompliance with any discharge limitation specified in Provision I. A. of this permit, including such accelerated or additional monitoring of the discharge and/or the receiving waterbody as necessary to determine the nature and impact of the noncomplying discharge.

2. Right of Entry and Inspection

The permittee shall allow the Director, or an authorized representative, upon the presentation of proper credentials and other documents as may be required by law to:

a. enter upon the permittee's premises where a regulated facility or activity or point source is located or conducted, or where records must be kept under the conditions of the permit;

b. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

c. inspect any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under the permit; and

d. sample or monitor, for the purposes of assuring permit compliance or as otherwise authorized by the AWPCA, any substances or parameters at any location.

C. BYPASS AND UPSET

1. Bypass

a. Any bypass is prohibited except as provided in b. and c. below:

b. A bypass is not prohibited if:

(1) It does not cause any discharge limitation specified in Provision I. A. of this permit to be exceeded;

(2) It enters the same receiving stream as the permitted outfall; and

(3) It is necessary for essential maintenance of a treatment or control facility or system to assure efficient operation of such facility or system.

c. A bypass is not prohibited and need not meet the discharge limitations specified in Provision I. A. of this permit if:

(1) It is unavoidable to prevent loss of life, personal injury, or severe property damage;

(2) There are no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime (this condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance); and

(3) The permittee submits a written request for authorization to bypass to the Director at least ten (10) days prior to the anticipated bypass (if possible), the permittee is granted such authorization, and the permittee complies with any conditions imposed by the Director to minimize any adverse impact on human health or the environment resulting from the bypass.

d. The permittee has the burden of establishing that each of the conditions of Provision II.C.1.b. or c. have been met to qualify for an exception to the general prohibition against bypassing contained in a. and an exemption, where applicable, from the discharge limitations specified in Provision I. A. of this permit.

2. Upset

a. A discharge which results from an upset need not meet the discharge limitations specified in Provision I. A. of this permit if:

(1) No later than 24-hours after becoming aware of the occurrence of the upset, the permittee orally reports the occurrence and circumstances of the upset to the Director or his designee; and

(2) No later than five (5) days after becoming aware of the occurrence of the upset, the permittee furnishes the Director with evidence, including properly signed, contemporaneous operating logs, or other relevant evidence, demonstrating that (i) an upset occurred; (ii) the permittee can identify the specific cause(s) of the upset; (iii) the permittee's facility was being properly operated at the time of the upset; and (iv) the permittee promptly took all reasonable steps to minimize any adverse impact on human health or the environment resulting from the upset.

b. The permittee has the burden of establishing that each of the conditions of Provision II. C.2.a. of this permit have been met to qualify for an exemption from the discharge limitations specified in Provision I.A. of this permit.

D. DUTY TO COMPLY WITH PERMIT, RULES, AND STATUTES

1. Duty to Comply

a. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the AWPCA and the FWPCA and is grounds for enforcement action, for permit termination, revocation and reissuance, suspension, modification; or denial of a permit renewal application.

b. The necessity to halt or reduce production or other activities in order to maintain compliance with the conditions of the permit shall not be a defense for a permittee in an enforcement action.

c. The discharge of a pollutant from a source not specifically identified in the permit application for this permit and not specifically included in the description of an outfall in this permit is not authorized and shall constitute noncompliance with this permit.

d. The permittee shall take all reasonable steps, including cessation of production or other activities, to minimize or prevent any violation of this permit or to minimize or prevent any adverse impact of any permit violation.

e. Nothing in this permit shall be construed to preclude and negate the permittee's responsibility or liability to apply for, obtain, or comply with other ADEM, Federal, State, or Local Government permits, certifications, licenses, or other approvals.

2. Removed Substances

Solids, sludges, filter backwash, or any other pollutant or other waste removed in the course of treatment or control of wastewaters shall be disposed of in a manner that complies with all applicable Department Rules.

3. Loss or Failure of Treatment Facilities

Upon the loss or failure of any treatment facilities, including but not limited to the loss or failure of the primary source of power of the treatment facility, the permittee shall, where necessary to maintain compliance with the discharge limitations specified in Provision I. A. of this permit, or any other terms or conditions of this permit, cease, reduce, or otherwise control production and/or all discharges until treatment is restored. If control of discharge during loss or failure of the primary source of power is to be accomplished by means of alternate power sources, standby generators, or retention of inadequately treated effluent, the permittee must furnish to the Director within six months a certification that such control mechanisms have been installed.

4. Compliance with Statutes and Rules

a. This permit has been issued under ADEM Administrative Code, Chapter 335-6-6. All provisions of this chapter, that are applicable to this permit, are hereby made a part of this permit. A copy of this chapter may be obtained for a small charge from the Office of General Counsel, Alabama Department of Environmental Management, 1400 Coliseum Blvd., Montgomery, AL 36130.

b. This permit does not authorize the noncompliance with or violation of any Laws of the State of Alabama or the United States of America or any regulations or rules implementing such laws. FWPCA, 33 U.S.C. Section 1319, and Code of Alabama 1975, Section 22-22-14.

E. PERMIT TRANSFER, MODIFICATION, SUSPENSION, REVOCATION, AND REISSUANCE

1. Duty to Reapply or Notify of Intent to Cease Discharge

a. If the permittee intends to continue to discharge beyond the expiration date of this permit, the permittee shall file a complete permit application for reissuance of this permit at least 180 days prior to its expiration. If the permittee does not intend to continue discharge beyond the expiration of this permit, the permittee shall submit written notification of this intent which shall be signed by an individual meeting the signatory requirements for a permit application as set forth in ADEM Administrative Code Rule 335-6-6-.09.

b. Failure of the permittee to apply for reissuance at least 180 days prior to permit expiration will void the automatic continuation of the expiring permit provided by ADEM Administrative Code Rule 335-6-6-.06 and should the permit not be reissued for any reason any discharge after expiration of this permit will be an unpermitted discharge.

2. Change in Discharge

a. The permittee shall apply for a permit modification at least 180 days in advance of any facility expansion, production increase, process change, or other action that could result in the discharge of additional pollutants or increase the quantity of a discharged pollutant such that existing permit limitations would be exceeded or that could result in an additional discharge point. This requirement applies to pollutants that are or that are not subject to discharge limitations in this permit. No new or increased discharge may begin until the Director has authorized it by issuance of a permit modification or a reissued permit.

b. The permittee shall notify the Director as soon as it is known or there is reason to believe:

(1) That any activity has occurred or will occur which would result in the discharge on a routine or frequent basis, of any toxic pollutant which is not limited in this permit, if that discharge will exceed the highest of the following notification levels:

(i) one hundred micrograms per liter;

(ii) two hundred micrograms per liter for acrolein and acrylonitrile; five hundred micrograms per liter for 2,4-dinitrophenol and for 2-methyl-4,6-dini-trophenol; and one milligram per liter for antimony;

(iii) five times the maximum concentration value reported for that pollutant in the permit application; or

(2) That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:

(i) five hundred micrograms per liter;

(ii) one milligram per liter for antimony;

(iii) ten times the maximum concentration value reported for that pollutant in the permit application.

3. Transfer of Permit

This permit may not be transferred or the name of the permittee changed without notice to the Director and subsequent modification or revocation and reissuance of the permit to identify the new permittee and to incorporate any other changes as may be required under the FWPCA or AWPCA. In the case of a change in name, ownership or control of the permittee's premises only, a request for permit modification in a format acceptable to the Director is required at least 30 days prior to the change. In the case of a change in name, ownership or control of the permittee's premises accompanied by a change or proposed change in effluent characteristics, a complete permit application is required to be submitted to the Director at least 180 days prior to the change. Whenever the Director is notified of a change in name, ownership or control, he may decide not to modify the existing permit and require the submission of a new permit application.

4. Permit Modification and Revocation

a. This permit may be modified or revoked and reissued, in whole or in part, during its term for cause, including but not limited to, the following:

(1) If cause for termination under Provision II. E. 5. of this permit exists, the Director may choose to revoke and reissue this permit instead of terminating the permit;

(2) If a request to transfer this permit has been received, the Director may decide to revoke and reissue or to modify the permit; or

(3) If modification or revocation and reissuance is requested by the permittee and cause exists, the Director may grant the request.

b. This permit may be modified during its term for cause, including but not limited to, the following:

(1) If cause for termination under Provision II. E. 5. of this permit exists, the Director may choose to modify this permit instead of terminating this permit;

(2) There are material and substantial alterations or additions to the facility or activity generating wastewater which occurred after permit issuance which justify the application of permit conditions that are different or absent in the existing permit;

(3) The Director has received new information that was not available at the time of permit issuance and that would have justified the application of different permit conditions at the time of issuance;

(4) A new or revised requirement(s) of any applicable standard or limitation is promulgated under Sections 301(b)(2)(C), (D), (E), and (F), and 307(a)(2) of the FWPCA;

(5) Errors in calculation of discharge limitations or typographical or clerical errors were made;

(6) To the extent allowed by ADEM Administrative Code, Rule 335-6-6-.17, when the standards or regulations on which the permit was based have been changed by promulgation of amended standards or regulations or by judicial decision after the permit was issued;

(7) To the extent allowed by ADEM Administrative Code, Rule 335-6-6-.17, permits may be modified to change compliance schedules;

(8) To agree with a granted variance under 30l(c), 30l(g), 30l(h), 30l(k), or 3l6(a) of the FWPCA or for fundamentally different factors;

(9) To incorporate an applicable 307(a) FWPCA toxic effluent standard or prohibition;

(10) When required by the reopener conditions in this permit;

(11) When required under 40 CFR 403.8(e) (compliance schedule for development of pretreatment program);

(12) Upon failure of the state to notify, as required by Section 402(b)(3) of the FWPCA, another state whose waters may be affected by a discharge permitted by this permit;

(13) When required to correct technical mistakes, such as errors in calculation, or mistaken interpretations of law made in determining permit conditions; or

(14) When requested by the permittee and the Director determines that the modification has cause and will not result in a violation of federal or state law, regulations or rules.

5. Permit Termination

This permit may be terminated during its term for cause, including but not limited to, the following:

a. Violation of any term or condition of this permit;

b. The permittee's misrepresentation or failure to disclose fully all relevant facts in the permit application or during the permit issuance process or the permittee's misrepresentation of any relevant facts at any time;

c. Materially false or inaccurate statements or information in the permit application or the permit;

d. A change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge;

e. The permittee's discharge threatens human life or welfare or the maintenance of water quality standards;

f. Permanent closure of the facility generating the wastewater permitted to be discharged by this permit or permanent cessation of wastewater discharge;

g. New or revised requirements of any applicable standard or limitation that is promulgated under Sections 301(b)(2)(C), (D), (E), and (F), and 307(a)(2) of the FWPCA that the Director determines cannot be complied with by the permittee; or

h. Any other cause allowed by the ADEM Administrative Code, Chapter 335-6-6.

6. Permit Suspension

This permit may be suspended during its term for noncompliance until the permittee has taken action(s) necessary to achieve compliance.

7. Request for Permit Action Does Not Stay Any Permit Requirement

The filing of a request by the permittee for modification, suspension or revocation of this permit, in whole or in part, does not stay any permit term or condition.

F. Compliance with Toxic Pollutant Standard or Prohibition

If any applicable effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the FWPCA, 33 U.S.C. Section 1317(a), for a toxic pollutant discharged by the permittee and such standard or prohibition is more stringent than any discharge limitation on the pollutant specified in Provision I. A. of this permit, or controls a pollutant not limited in Provision I. A. of this permit, this permit shall be modified to conform to the toxic pollutant effluent standard or prohibition and the permittee shall be notified of such modification. If this permit has not been modified to conform to the toxic pollutant effluent standard or prohibition before the effective date of such standard or prohibition, the permittee shall attain compliance with the requirements of the standard or prohibition within the time period required by the standard or prohibition and shall continue to comply with the standard or prohibition until this permit is modified or reissued.

G. Discharge of Wastewater Generated by Others

The discharge of wastewater, generated by any process, facility, or by any other means not under the operational control of the permittee or not identified in the application for this permit or not identified specifically in the description of an outfall in this permit is not authorized by this permit.

PART III: OTHER PERMIT CONDITIONS

A. CIVIL AND CRIMINAL LIABILITY

1. Tampering

Any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained or performed under the permit shall, upon conviction, be subject to penalties as provided by the AWPCA.

2. False Statements

Any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be subject to penalties as provided by the AWPCA.

3. Permit Enforcement

a. Any NPDES permit issued or reissued by the Department is a permit for the purpose of the AWPCA and the FWPCA and as such any terms, conditions, or limitations of the permit are enforceable under state and federal law.

b. Any person required to have a NPDES permit pursuant to ADEM Administrative Code Chapter 335-6-6 and who discharges pollutants without said permit, who violates the conditions of said permit, who discharges pollutants in a manner not authorized by the permit, or who violates applicable orders of the Department or any applicable rule or standard of the Department, is subject to any one or combination of the following enforcement actions under applicable state statutes.

(1) An administrative order requiring abatement, compliance, mitigation, cessation, clean-up, and/or penalties;

(2) An action for damages;

(3) An action for injunctive relief; or

(4) An action for penalties.

c. If the permittee is not in compliance with the conditions of an expiring or expired permit the Director may choose to do any or all of the following provided the permittee has made a timely and complete application for reissuance of the permit:

(1) initiate enforcement action based upon the permit which has been continued;

(2) issue a notice of intent to deny the permit reissuance. If the permit is denied, the owner or operator would then be required to cease the activities authorized by the continued permit or be subject to enforcement action for operating without a permit;

(3) reissue the new permit with appropriate conditions; or

(4) take other actions authorized by these rules and AWPCA.

4. Relief from Liability

Except as provided in Provision II.C.1 (Bypass) and Provision II.C.2 (Upset), nothing in this permit shall be construed to relieve the permittee of civil or criminal liability under the AWPCA or FWPCA for noncompliance with any term or condition of this permit.

B. OIL AND HAZARDOUS SUBSTANCE LIABILITY

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties to which the permittee is or may be subject under Section 311 of the FWPCA, 33 U.S.C. Section 1321.

C. PROPERTY AND OTHER RIGHTS

This permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to persons or property or invasion of other private rights, trespass, or any infringement of federal, state, or local laws or regulations, nor does it authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any waters of the state or of the United States.

D. AVAILABILITY OF REPORTS

Except for data determined to be confidential under Code of Alabama 1975, Section 22-22-9(c), all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Department. Effluent data shall not be considered confidential.

E. EXPIRATION OF PERMITS FOR NEW OR INCREASED DISCHARGES

1. If this permit was issued for a new discharger or new source, this permit shall expire eighteen months after the issuance date if construction of the facility has not begun during the eighteen-month period.

2. If this permit was issued or modified to allow the discharge of increased quantities of pollutants to accommodate the modification of an existing facility and if construction of this modification has not begun during the eighteen month period after issuance of this permit or permit modification, this permit shall be modified to reduce the quantities of pollutants allowed to be discharged to those levels that would have been allowed if the modification of the facility had not been planned.

3. Construction has begun when the owner or operator has:

   a. begun, or caused to begin as part of a continuous on-site construction program:

      (1) any placement, assembly, or installation of facilities or equipment; or

      (2) significant site preparation work including clearing, excavation, or removal of existing buildings, structures, or facilities which is necessary for the placement, assembly, or installation of new source facilities or equipment; or

   b. entered into a binding contractual obligation for the purpose of placement, assembly, or installation of facilities or equipment which are intended to be used in its operation within a reasonable time. Options to purchase or contracts which can be terminated or modified without substantial loss, and contracts for feasibility, engineering, and design studies do not constitute a contractual obligation under the paragraph. The entering into a lease with the State of Alabama for exploration and production of hydrocarbons shall also be considered beginning construction.

F. COMPLIANCE WITH WATER QUALITY STANDARDS

1. On the basis of the permittee's application, plans, or other available information, the Department has determined that compliance with the terms and conditions of this permit should assure compliance with the applicable water quality standards.

2. Compliance with permit terms and conditions notwithstanding, if the permittee's discharge(s) from point sources identified in Provision I. A. of this permit cause or contribute to a condition in contravention of state water quality standards, the Department may require abatement action to be taken by the permittee in emergency situations or modify the permit pursuant to the Department's Rules, or both.

3. If the Department determines, on the basis of a notice provided pursuant to this permit or any investigation, inspection or sampling, that a modification of this permit is necessary to assure maintenance of water quality standards or compliance with other provisions of the AWPCA or FWPCA, the Department may require such modification and, in cases of emergency, the Director may prohibit the discharge until the permit has been modified.

G. GROUNDWATER

Unless specifically authorized under this permit, this permit does not authorize the discharge of pollutants to groundwater. Should a threat of groundwater contamination occur, the Director may require groundwater monitoring to properly assess the degree of the problem and the Director may require that the Permittee undertake measures to abate any such discharge and/or contamination.

H. DEFINITIONS

1. Average monthly discharge limitation - means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month (zero discharge days shall not be included in the number of "daily discharges" measured and a less than detectable test result shall be treated as a concentration of zero if the most sensitive EPA approved method was used).

2. Average weekly discharge limitation - means the highest allowable average of "daily discharges" over a calendar week, calculated as the sum of all "daily discharges" measured during a calendar week divided by the number of "daily discharges" measured during that week (zero discharge days shall not be included in the number of "daily discharges" measured and a less than detectable test result shall be treated as a concentration of zero if the most sensitive EPA approved method was used).

3. Arithmetic Mean – means the summation of the individual values of any set of values divided by the number of individual values.

4. AWPCA - means the Alabama Water Pollution Control Act.

5. BOD – means the five-day measure of the pollutant parameter biochemical oxygen demand.

6. Bypass - means the intentional diversion of waste streams from any portion of a treatment facility.

7. CBOD – means the five-day measure of the pollutant parameter carbonaceous biochemical oxygen demand.

8. Daily discharge - means the discharge of a pollutant measured during any consecutive 24-hour period in accordance with the sample type and analytical methodology specified by the discharge permit.

9. Daily maximum - means the highest value of any individual sample result obtained during a day.

10. Daily minimum - means the lowest value of any individual sample result obtained during a day.

11. Day - means any consecutive 24-hour period.

12. Department - means the Alabama Department of Environmental Management.

13. Director - means the Director of the Department.

14. Discharge - means "[t]he addition, introduction, leaking, spilling or emitting of any sewage, industrial waste, pollutant or other wastes into waters of the state". Code of Alabama 1975, Section 22-22-1(b)(8).

15. Discharge Monitoring Report (DMR) - means the form approved by the Director to accomplish reporting requirements of an NPDES permit.

16. DO – means dissolved oxygen.

17. 8HC – means 8-hour composite sample, including any of the following:

    a. The mixing of at least 5 equal volume samples collected at constant time intervals of not more than 2 hours over a period of not less than 8 hours between the hours of 6:00 a.m. and 6:00 p.m. If the sampling period exceeds 8 hours, sampling may be conducted beyond the 6:00 a.m. to 6:00 p.m. period.

    b. A sample continuously collected at a constant rate over period of not less than 8 hours between the hours of 6:00 a.m. and 6:00 p.m. If the sampling period exceeds 8 hours, sampling may be conducted beyond the 6:00 a.m. to 6:00 p.m. period.

18. EPA - means the United States Environmental Protection Agency.

19. FC – means the pollutant parameter fecal coliform.

20. Flow – means the total volume of discharge in a 24-hour period.

21. FWPCA - means the Federal Water Pollution Control Act.

22. Geometric Mean – means the Nth root of the product of the individual values of any set of values where N is equal to the number of individual values. The geometric mean is equivalent to the antilog of the arithmetic mean of the logarithms of the individual values. For purposes of calculating the geometric mean, values of zero (0) shall be considered one (1).

23. Grab Sample -- means a single influent or effluent portion which is not a composite sample. The sample(s) shall be collected at the period(s) most representative of the discharge.

24. Indirect Discharger – means a nondomestic discharger who discharges pollutants to a publicly owned treatment works or a privately owned treatment facility operated by another person.

25. Industrial User – means those industries identified in the Standard Industrial Classification manual, Bureau of the Budget 1967, as amended and supplemented, under the category "Division D – Manufacturing" and such other classes of significant waste producers as, by regulation, the Director deems appropriate.

26. MGD – means million gallons per day.

27. Monthly Average – means, other than for fecal coliform bacteria, the arithmetic mean of the entire composite or grab samples taken for the daily discharges collected in one month period. The monthly average for fecal coliform bacteria is the geometric mean of daily discharge samples collected in a one month period. The monthly average for flow is the arithmetic mean of all flow measurements taken in a one month period.

28. New Discharger – means a person, owning or operating any building, structure, facility or installation:

    a. from which there is or may be a discharge of pollutants;

    b. that did not commence the discharge of pollutants prior to August 13, 1979, and which is not a new source; and

    c. which has never received a final effective NPDES permit for dischargers at that site.

29. NH3-N – means the pollutant parameter ammonia, measured as nitrogen.

30. Permit application - means forms and additional information that is required by ADEM Administrative Code Rule 335-6-6-.08 and applicable permit fees.

31. Point source - means "any discernible, confined and discrete conveyance, including but not limited to any pipe, channel, ditch, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, or vessel or other floating craft, . . . from which pollutants are or may be discharged." Section 502(14) of the FWPCA, 33 U.S.C. Section 1362(14).

32. Pollutant - includes for purposes of this permit, but is not limited to, those pollutants specified in Code of Alabama 1975, Section 22-22-1(b)(3) and those effluent characteristics specified in Provision I. A. of this permit.

33. Privately Owned Treatment Works – means any devices or system which is used to treat wastes from any facility whose operator is not the operator of the treatment works, and which is not a "POTW".

34. Publicly Owned Treatment Works – means a wastewater collection and treatment facility owned by the State, municipality, regional entity composed of two or more municipalities, or another entity created by the State or local authority for the purpose of collecting and treating municipal wastewater.

35. Receiving Stream – means the "waters" receiving a "discharge" from a "point source".

36. Severe property damage - means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

37. Significant Source – means a source which discharges 0.025 MGD or more to a POTW or greater than five percent of the treatment work's capacity, or a source which is a primary industry as defined by the U.S. EPA or which discharges a priority or toxic pollutant.

38. Solvent – means any virgin, used or spent organic solvent(s) identified in the F-Listed wastes (F001 through F005) specified in 40 CFR 261.31 that is used for the purpose of solubilizing other materials.

39. TKN – means the pollutant parameter Total Kjeldahl Nitrogen.

40. TON – means the pollutant parameter Total Organic Nitrogen.

41. TRC – means Total Residual Chlorine.

42. TSS – means the pollutant parameter Total Suspended Solids.

43. 24HC – means 24-hour composite sample, including any of the following:

    a. the mixing of at least 12 equal volume samples collected at constant time intervals of not more than 2 hours over a period of 24 hours;

    b. a sample collected over a consecutive 24-hour period using an automatic sampler composite to one sample. As a minimum, samples shall be collected hourly and each shall be no more than one twenty-fourth (1/24) of the total sample volume collected; or

    c. a sample collected over a consecutive 24-hour period using an automatic composite sampler composited proportional to flow.

44. Upset - means an exceptional incident in which there is an unintentional and temporary noncompliance with technology-based permit discharge limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

45. Waters - means "[a]ll waters of any river, stream, watercourse, pond, lake, coastal, ground or surface water, wholly or partially within the state, natural or artificial. This does not include waters which are entirely confined and retained completely upon the property of a single individual, partnership or corporation unless such waters are used in interstate commerce." Code of Alabama 1975, Section 22-22-1(b)(2). Waters "include all navigable waters" as defined in Section 502(7) of the FWPCA, 22 U.S.C. Section 1362(7), which are within the State of Alabama.

46. Week - means the period beginning at twelve midnight Saturday and ending at twelve midnight the following Saturday.

47. Weekly (7-day and calendar week) Average – is the arithmetic mean of all samples collected during a consecutive 7-day period or calendar week, whichever is applicable. The calendar week is defined as beginning on Sunday and ending on Saturday. Weekly averages shall be calculated for all calendar weeks with Saturdays in the month. If a calendar week overlaps two months (i.e., the Sunday is in one month and the Saturday in the following month), the weekly average calculated for the calendar week shall be included in the data for the month that contains the Saturday.

I. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

PART IV: ADDITIONAL REQUIREMENTS, CONDITIONS, AND LIMITATIONS

A. Best Management Practices (BMP) Plan Requirements

1. BMP Plan

The permittee shall develop and implement a Best Management Practices (BMP) Plan which prevents, or minimizes the potential for, the release of pollutants from ancillary activities, including material storage areas; plant site runoff: in-plant transfer, process and material handling areas; loading and unloading operations, and sludge and waste disposal areas, to the waters of the State through plant site runoff; spillage or leaks; sludge or waste disposal; or drainage from raw material storage.

2. Plan Content

The permittee shall prepare and implement a best management practices (BMP) plan, which shall:

a. Establish specific objectives for the control of pollutants:

(1) Each facility component or system shall be examined for its potential for causing a release of significant amounts of pollutants to waters of the State due to equipment failure, improper operation, natural phenomena such as rain or snowfall, etc.

(2) Where experience indicates a reasonable potential for equipment failure (e.g., a tank overflow or leakage), natural condition (e.g. precipitation), or circumstances to result in significant amounts of pollutants reaching surface waters, the plan should include a prediction of the direction, rate of flow, and total quantity of pollutants which could be discharged from the facility as a result of each condition or circumstance.

b. Establish specific best management practices to meet the objectives identified under paragraph a. of this section, addressing each component or system capable of causing a release of significant amounts of pollutants to the waters of the State, and identifying specific preventative or remedial measures to be implemented;

c. Establish a program to identify and repair leaking equipment items and damaged containment structures, which may contribute to contaminated stormwater runoff. This program must include regular visual inspections of equipment, containment structures and of the facility in general to ensure that the BMP is continually implemented and effective;

d. Prevent the spillage or loss of fluids, oil, grease, gasoline, etc. from vehicle and equipment maintenance activities and thereby prevent the contamination of stormwater from these substances;

e. Prevent or minimize stormwater contact with material stored on site;

f. Designate by position or name the person or persons responsible for the day to day implementation of the BMP;

g. Provide for routine inspections, on days during which the facility is manned, of any structures that function to prevent stormwater pollution or to remove pollutants from stormwater and of the facility in general. Routine inspections should be done at a frequency to ensure that the BMP is continually implemented and effective and in no case less frequent than once per year;

h. Provide for the use and disposal of any material used to absorb spilled fluids that could contaminate stormwater;

i. Develop a solvent management plan, if solvents are used on site. The solvent management plan shall include as a minimum lists of the solvents on site; the disposal method of solvents used instead of dumping, such as reclamation, contract hauling, and the procedures for assuring that solvents do not routinely spill or leak into the stormwater;

j. Provide for the disposal of all used oils, hydraulic fluids, solvent degreasing material, etc. in accordance with good management practices and any applicable state or federal regulations;

k. Implement Operational and/or Structural BMPs addressed at reducing levels of E. coli in stormwater runoff from the site. Such BMPs may be selected from Part IV.C.2 and Part IV.C.3 herein at the Permittee's discretion. Additional BMPs not listed in Part IV.C.2 or Part IV.C.3 may also be implemented if they are expected to achieve reductions of E. coli discharge levels. The selected BMPs shall be discussed in the Permittee's Annual Report, as described in Part IV.C.4 herein;

l. Include a diagram of the facility showing the locations where stormwater exits the facility, the locations of any structure or other mechanisms intended to prevent pollution of stormwater or to remove pollutants from stormwater, the locations of any collection and handling systems;

m. Provide control sufficient to prevent or control pollution of stormwater by soil particles to the degree required to maintain compliance with the water quality standard for turbidity applicable to the waterbody(s) receiving discharge(s) under this permit;

n. Provide spill prevention, control, and/or management sufficient to prevent or minimize contaminated stormwater runoff. Any containment system used to implement this requirement shall be constructed of materials compatible with the substance(s) contained and shall prevent the contamination of groundwater. The containment system shall also be capable of retaining a volume equal to 110 percent of the capacity of the largest tank for which containment is provided;

o. Provide and maintain curbing, diking or other means of isolating process areas to the extent necessary to allow segregation and collection for treatment of contaminated stormwater from process areas;

p. Be reviewed by plant engineering staff and the plant manager; and

q. Bear the signature of the plant manager.

3. Compliance Schedule

The permittee shall have reviewed (and revised if necessary) and fully implemented the BMP plan as soon as practicable but no later than six months after the effective date of this permit.

4. Department Review

a. When requested by the Director or his designee, the permittee shall make the BMP available for Department review.

b. The Director or his designee may notify the permittee at any time that the BMP is deficient and require correction of the deficiency.

c. The permittee shall correct any BMP deficiency identified by the Director or his designee within 30 days of receipt of notification and shall certify to the Department that the correction has been made and implemented.

5. Administrative Procedures

a. A copy of the BMP shall be maintained at the facility and shall be available for inspection by representatives of the Department.

b. A log of the routine inspection required above shall be maintained at the facility and shall be available for inspection by representatives of the Department. The log shall contain records of all inspections performed for the last three years and each entry shall be signed by the person performing the inspection.

c. The permittee shall provide training for any personnel required to implement the BMP and shall retain documentation of such training at the facility. This documentation shall be available for inspection by representatives of the Department. Training shall be performed prior to the date that implementation of the BMP is required.

d. BMP Plan Modification. The permittee shall amend the BMP plan whenever there is a change in the facility or change in operation of the facility which materially increases the potential for the ancillary activities to result in a discharge of significant amounts of pollutants.

e. BMP Plan Review. The permittee shall complete a review and evaluation of the BMP plan at least once every three years from the date of preparation of the BMP plan. Documentation of the BMP Plan review and evaluation shall be signed and dated by the Plant Manager.

B. STORMWATER FLOW MEASUREMENT AND SAMPLING REQUIREMENTS

1. Stormwater Flow Measurement

a. All stormwater samples shall be collected from the discharge resulting from a storm event that is greater than 0.1 inches.

b. The total volume of stormwater discharged for the event must be monitored, including the date and duration (in hours) and rainfall (in inches) for storm event(s) sampled. The duration between the storm event sampled and the end of the previous measurable (greater than 0.1 inch rainfall) storm event must be a minimum of 72 hours. This information must be recorded as part of the sampling procedure and records retained according to Part I.B. of this permit.

c. The volume may be measured using flow measuring devices, or estimated based on a modification of the Rational Method using total depth of rainfall, the size of the drainage area serving a stormwater outfall, and an estimate of the runoff

coefficient of the drainage area. This information must be recorded as part of the sampling procedure and records retained according to Part I.B. of this permit.

2. Stormwater Sampling

a. A grab sample, if required by this permit, shall be taken during the first thirty minutes of the discharge (or as soon thereafter as practicable); and a flow-weighted composite sample, if required by this permit, shall be taken for the entire event or for the first three hours of the event.

b. All test procedures will be in accordance with part I.B. of this permit.

C. BEST MANAGEMENT PRACTICES (BMP) FOR POULTRY PROCESSING PLANTS

1. Applicability

The following best management practices (BMPs) have been developed as consensus BMPs for animal processing plants. Unless approved by the Department in writing, at a minimum, Permittees must utilize a BMP or combination of BMPs (whether operational, structural, Tier I, Tier II, or Tier III, or other BMP as described in Part IV.A.2.k) to achieve reductions in levels of E.coli in stormwater runoff. Each permittee shall decide which BMP or combination of BMPs is most appropriate for its facility. An iterative process has been established that allows permittees to implement BMPs and evaluate the performance of these BMPs in order to reduce levels of E.coli in stormwater, and document such implementation and evaluation of BMPs in the Annual Report. If E.coli is discharged at levels that could cause or contribute to water quality violations, as determined by the Department, then another round of BMPs must be implemented and addressed in the Annual Report. This permit condition in no way authorizes a discharger to violate water quality standards.

2. Operational BMPs

a. Tier I BMPs

(1) Perform dry cleanup of live animal holding, staging, storage, etc., areas according to a schedule to be developed as appropriate for the particular facility, taking into account significant rain events and production schedules. Such schedule and a log demonstrating compliance with such schedule shall be maintained as part of the facility BMP plan.

(2) Park loaded live haul trailers under cover or in live holding sheds to minimize exposure to stormwater. If loaded live haul trailers cannot be parked under cover, the areas where these trailers are parked shall discharge to a wastewater treatment system.

(3) Perform dry cleanup of paved driveways, parking areas, etc., where live animal and animal byproducts transport vehicles are staged, stored, moved across, etc., according to a schedule to be developed as appropriate for the particular facility, taking into account significant rain events and production schedules. Such schedule and a log demonstrating compliance with such schedule shall be maintained as part of the facility's BMP Plan.

(4) Collect escaped animals on a daily basis.

(5) Properly maintain air pollution control systems to prevent excessive dust emissions from rendering equipment, byproducts handling systems, etc.

(6) Properly maintain exposed animal byproducts and feed-meal handling systems (screw conveyors, elevators, etc.) to ensure these systems are free of leaks, etc.

(7) Inspect stormwater collection and discharge systems (manholes, underground storm sewers, sediment ponds/traps, etc.) and remove accumulated silt, sediment, organic materials, etc. according to a schedule to be developed as appropriate for the particular facility, taking into account significant rain events and production schedules. Such schedule and a log demonstrating compliance with such schedule shall be maintained as part of the facility BMP Plan.

(8) Store animals dead on arrival (DOA) in a manner which prevents the entry and release of stormwater.

(9) Store refrigerated trailers with the potential for drainage of water contaminated with animal blood (red water) in containment areas with discharge to a wastewater treatment system.

(10) Perform equipment and vehicle washing activities in containment areas with discharge to a wastewater treatment system.

(11) Clean containment areas and remove accumulation of solids and organic materials (blood, fitter, feed meal, animal byproducts, etc.) according to a schedule to be developed as appropriate for the facility, taking into account significant

rain events and production schedules. Such schedule and a log demonstrating compliance with such schedule shall be maintained as part of the facility's BMP Plan.

(12) Remove solids and other contaminants on vehicles and equipment prior to long-term storage in outdoor areas (e.g., bone yards).

(13) Properly maintain (or ensure third party rendering companies properly maintain) gates and drain values on offal trailers to prevent leakage.

b. Tier II BMPs

(1) Perform wash down of live animal holding, staging, storage, etc. areas according to a schedule to be developed as appropriate for the facility, taking into account significant rain events and production schedules. Such schedule and a log demonstrating compliance with such schedule shall be maintained as part of the facility's BMP Plan. Resulting wash water shall be collected and discharged to a wastewater treatment system.

(2) Rinse live animal trailers, offal trailers, cages, etc. before long-term storage in outdoor areas (e.g., bone yards). Resulting rinse water shall be collected and discharged to a wastewater treatment system.

(3) Implement and maintain operational measures which minimize/prevent attraction of excessive numbers of feral animals and birds to the facility grounds.

(4) Disinfection of live animal holding, staging, and transfer areas can be performed during dry weather, when rain is not in the forecast within the next 24 hours at a 30% chance or higher, the neutralization will have time to take effect prior to the rain event, and it is applied such that there is no discharge as a result of the application.

c. Tier III BMPs

Perform wash down of paved driveways, parking areas, etc., where live animal and animal byproduct transport vehicles are staged, stored, moved across, etc., paved driveways, parking areas, etc. according to a schedule to be developed as appropriate for the facility, taking into account significant rain events and production schedules. Such schedule and a log demonstrating compliance with such schedule shall be maintained as part of the facility's BMP Plan. Resulting washwater shall be collected and discharged to a wastewater treatment system.

3. Structural BMPs

a. Tier I BMPs

(1) Provide containment areas and/or send to a wastewater treatment system for the following operations:

(i) Loaded refrigerated trailer parking areas:

(ii) Live holding sheds;

(iii) Live receiving areas;

(iv) Fresh product shipping docks;

(v) Exposed offal storage and handling systems

(vi) Exposed DOA storage areas; and

(vii) Vehicle and equipment washing areas.

(2) Incidental spillage, wash down water, and stormwater from these areas should be collected and discharged -to a wastewater treatment system.

(3) Install and maintain pavement and curbing, etc. in the areas identified above to all routine dry cleanup and/or wash down.

(4) Cover Live Animal Holding/Staging areas and Live Receiving areas.

(5) Install silt fencing or other sediment barriers (storm drain catchment filter inserts, sediment traps, etc.) around or in drop inlets, above outfalls, etc. to impede the migration of silt, sediment, and litter materials into stormwater drainage systems. These systems shall be inspected and maintained as needed to remove collected materials (silt, sediment, trash, etc.) and according to a schedule to be developed as appropriate for the facility, taking into account significant

rain events, and production schedules. Such schedule and a log demonstrating compliance with such schedule shall be maintained as part of the facility's BMP Plan

(6) Install and maintain collection and diversion structures (gutters, separate stormwater drainage systems, etc.) to segregate "clean" stormwater runoff from "sensitive" areas. Sensitive areas are defined as areas where live animals, litter materials, animal manures, animal byproducts, and other potential sources of E. coli may be present on surfaces.

(7) Install and maintain netting, curtains, etc. around Live Holding Sheds and Live Receiving Areas, to contain feathers, litter material, and associated dusts in containment areas.

b. Tier II BMPs

(1) Provide containment areas and/or sewer connection for the following operations:

(i) Loaded offal trailer parking areas;

(ii) Live haul trailer parking areas;

(iii) Dirty cage storage areas; and

(iv) Trash compactor/dumpster areas, which can contain animal byproducts, litter/manure, and other potential sources of E. coli

(2) Install and maintain pavement and curbing, etc. in the areas identified above to allow routine dry cleanup and/or wash down.

(3) Where allowed and appropriate, install filter strips adjacent to paved areas to treat sheet flow runoff from areas.

(4) Where allowed and appropriate, install and maintain grass buffer strips upgradient of drainage ways.

(5) Purchase mechanical pavement sweepers or vacuums or contract with associated third party contractor or service, and clean applicable paved areas on an as needed basis.

c. Tier III BMPs

(1) Where allowed and appropriate, install first flush systems in other sensitive areas where incidental releases of manure, litter, red water, animal byproducts, etc. can occur. These systems should collect the first inch of rainfall and wash down water from areas. The first inch of rainfall and wash down water collected by these systems shall be discharged to a wastewater treatment system.

(2) If feasible, install air pollution control devices on ventilation exhaust from Live Hang areas.

4. Annual Report

The Permittee must submit an annual report on January 28th of each year which shall include the following:

a. Operational BMPs employed at the facility, and when they were first employed.

b. Structural BMPs employed at the facility, and when they were first employed.

c. Trend analysis of discharge levels of E.coli.

d. Summary on the effectiveness on each BMP employed at the site, if known.

e. A list of additional BMPs that are being considered, and when they will be employed at the site.

D. Industrial Land Application Requirements

1. A healthy cover crop consisting of Bermuda or fescue with rye overseed shall be maintained at all times during land application of wastewater. If necessary, the cover crop shall be maintained by fertilization, reseeding, etc.
2. Erosion control measures, using best management practices shall be utilized to minimize soil loss.
3. Wastewater shall not be applied during periods of rain and/or high winds which will carry the wastewater off site, when the ground is saturated such that percolation will not occur, prior to periods of rain, or when the ground is frozen.

4. Wastewater shall not be applied to fields with a slope greater than 10% and shall not be applied within 50 feet of all creeks, drainage ways, sinkholes and springs. It is highly recommended that the vegetative buffer zones be increased along upland ditches, gulleys, swales, and other features that are likely to convey storm water to the receiving streams.

5. All spray and monitoring equipment shall be properly operated and maintained at all times to prevent leaks and spills. The equipment shall be installed so that there is no overlap of spray patterns from the individual sprinklers.

6. As a minimum, the following records shall be maintained by the permittee which will be subject to inspection by the Department:

    a. All information required by land application monitoring reports. Monitoring reports shall include 3 times per week monitoring results for Ammonia as Nitrogen, twice per week monitoring results for BOD & TSS, weekly monitoring results for D.O., Oil & Grease, Total Nitrogen, TKN, E. Coli and Fecal Coliform, and monthly monitoring results for pH, Nitrate plus Nitrite, Total Phosphorus, and Flow;

    b. Field, date, and time span of application and volume applied;

    c. Field, date, quantity and type of fertilizer applied;

    d. Date and amount of rainfall;

    e. Daily nitrogen loading (ppd) for each zone/pivot.

7. The permittee shall maintain a Nutrient Management Plan and an Operations and Management Plan for the land application site. These plans shall be developed and implemented in accordance with NRCS Guidelines.

8. The facility may land apply dewatered biosolids on land application sites after notification is provided to the Department by the permittee. The notification shall include documentation of the spray sites on which dewatered biosolids will be applied. Biosolids must be applied in a manner such as to prevent contamination of storm water runoff and to ensure that sites do not receive nutrient loadings in excess of the company's Nutrient Management Plan. The facility shall maintain records of the following information as related to land application of biosolids:

    a. Field, date and time span of application and amount of biosolids applied;

    b. Daily nitrogen loading (ppd) from biosolids application for each zone/pivot.

9. The permittee must submit an annual report in the month of January summarizing land application procedures. The annual report should include the following:

    a. All information required by land application monitoring reports. Monitoring reports shall include 3 times per week monitoring results for Ammonia as Nitrogen, twice per week monitoring results for BOD & TSS, weekly monitoring results for D.O., Oil & Grease, Total Nitrogen, TKN, E. Coli and Fecal Coliform, and monthly monitoring results for pH, Nitrate plus Nitrite, Total Phosphorus, and Flow;

    b. Field, date, and time span of application and volume of wastewater (and amount of biosolids) applied;

    c. Field, date, quantity and type of fertilizer applied;

    d. Date and amount of rainfall;

    e. Daily nitrogen loading (ppd) from wastewater or biosolids for each zone/pivot.

Wayne Farms - Jack, AL Allowable Nitrogen Loading Rates		
Spray Field (Discharge Point)	**Field Size (Acres)**	**Flow (MGD)**
DSN002	9.0	0.064
DSN004	30.37	0.215
DSN005	18	0.13
DSN008	8.1	0.057

Spray Field	Summer Limits (lb/acre/month)	Winter Limits (lb/acre/month)
DSN002	41	44
DSN004	41	44
DSN005	41	44
DSN008	41	44

Spray Field	Summer Loads (lb/month)	Winter Loads (lb/month)
DSN002	369	396
DSN004	1,245	1,336
DSN005	738	792
DSN008	332	356

Summer (May - October)

Winter (November - April)

E. Groundwater Monitoring Requirements

1. All monitoring wells associated with the land application site shall be monitored quarterly for Sulfate, pH, Total Suspended Solids, Total Kjeldahl Nitrogen (As N), Total Sodium (as Na), Chloride (as Cl), Total Dissolved Solids, Total Nitrite Nitrogen (as NO3), Total Nitrite Nitrogen (as NO2), Fecal Coliform and Water level.

2. Groundwater samples must be analyzed utilizing EPA approved analytical laboratory methods.

3. The permittee must determine whether there is a statistically significant increase over the background quality at each well. If it is determined that there is a statistically significant increase of the constituents or if the groundwater limitations in Part I are exceeded, then further action may be warranted by the Department.

4. The permittee must submit an annual report by January 28th summarizing the sample results. The annual report should include the following:

   a. The rate and the extent of contamination (if any), and include contour maps showing the groundwater flow direction;

   b. Discussion of all analysis collected;

   c. Discussion of concentration trends in each monitoring well;

   d. All potentiometric data collected during each monitoring event including top casing elevations, measured water levels, total well depths, and calculated groundwater elevations;

   e. A potentiometric map illustrating the groundwater flow direction for each monitoring event.

   f. All field parameter data collected during the well purging activities;

   g. The specific dates that the groundwater sampling activities were conducted; and

   h. The report shall be prepared by and the bear the signature and the license number of a professional geologist or professional engineer registered in the State of Alabama.

ADEM PERMIT RATIONALE

PREPARED DATE: July 1, 2025
REVISED DATE: August 29, 2025
PREPARED BY: Victoria Kim

Permittee Name:	Wayne Farms LLC - Jack AL Fresh Plant
Facility Name:	Wayne Farms, LLC - Jack Facility
Permit Number:	AL0028860

PERMIT IS REISSUANCE DUE TO EXPIRATION

DISCHARGE SERIAL NUMBERS & DESCRIPTIONS:

DSN001: Treated process wastewater from poultry processing operations, sanitary wastewater and storm water runoff associated with poultry processing operations.

DSN002: Stormwater runoff associated with poultry processing operations and secondary containment areas associated with chemical storage.

DSN003: Stormwater runoff associated with poultry processing operations.

DSN004, DSN005, and DSN008: Stormwater runoff associated with poultry processing operations and land application of poultry processing wastewaters.

DSNMW11, DSNMW21, and DSNMW31: Groundwater monitoring wells associated with land application of wastewater.

INDUSTRIAL CATEGORY: 40 CFR 432 Subpart K – Meat and Poultry Products (Poultry First Processing)

MAJOR: NO

STREAM INFORMATION (DSN001):

Receiving Stream:	Pea River
Classification:	Fish & Wildlife
River Basin:	Choctawhatchee
7Q10:	14.06 cfs
7Q2:	35.73 cfs
1Q10:	10.55 cfs
Annual Average Flow:	665.94 cfs
303(d) List:	YES
Impairment:	METALS (MERCURY)
TMDL:	NO

STREAM INFORMATION (DSN002-005 & DSN008):

Receiving Stream:	Unnamed Tributary of Pea River
Classification:	Fish & Wildlife
River Basin:	Choctawhatchee
7Q10:	0.0 cfs
1Q10:	0.0 cfs
Annual Average Flow:	0.0 cfs
303(d) List:	NO
Impairment:	N/A
TMDL:	NO

DISCUSSION:

The facility is a poultry production facility that consists of slaughtering, cleaning, processing, de-boning, and packaging to consumers. The facility manages land application system and a surface water discharge. The total long term average process wastewater flow from the treatment plant is 2.35 MGD. The facility also manages three groundwater monitoring wells around the plant's property as well as conducting storm water monitoring.

The facility has requested to remove stormwater monitoring requirements at Outfall DSN004, DSN005, and DSN008. According to information provided by the facility in the application, Outfall DSN004, DSN005, and DSN008 is no longer a sprayfield. Stormwater runoff from the sprayfields is associated with an irrigation system that provides a beneficial resource used to grow a crop (hay for animal feeds and other beneficial uses). This land use is a normal farming/agricultural activity that is exempt from NPDES permitting per 40 CFR 122.3(e).

ADEM Administrative Rule 335-6-10-.12 requires applicants to new or expanded discharges to Tier II waters demonstrate that the proposed discharge is necessary for important economic or social development in the area in which the waters are located. The application submitted by the facility is not for a new or expanded discharge. Therefore, the applicant is not required to demonstrate that the discharge is necessary for economic and social development.

DSN0011: Treated process wastewater from poultry processing operations, sanitary wastewater and storm water runoff associated with poultry processing operations.

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
Oxygen, Dissolved (DO) (00300) Effluent Gross Value	*****	*****	*****	6.0 Minimum Daily	*****	*****	mg/l	Weekly	Grab	All Months	WQBEL
BOD, 5-Day (20 Deg. C) (00310) Effluent Gross Value	*****	*****	*****	*****	16 Monthly Average	26 Maximum Daily	mg/l	2X Weekly	Composite	All Months	EGL
pH (00400) Effluent Gross Value	*****	*****	*****	6.0 Minimum Daily	*****	8.5 Maximum Daily	S.U.	Monthly	Grab	All Months	WQBEL
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	20 Monthly Average	30 Maximum Daily	mg/l	2X Weekly	Composite	All Months	EGL
Oil and Grease, Hexane Extr Method (00552) Effluent Gross Value	*****	*****	*****	*****	8 Monthly Average	14 Maximum Daily	mg/l	Weekly	Grab	All Months	EGL
Nitrogen, Total (As N) (00600) Effluent Gross Value	*****	*****	*****	*****	103 Monthly Average	147 Maximum Daily	mg/l	Weekly	Composite	All Months	EGL
Nitrogen, Ammonia Total (As N) (00610) Effluent Gross Value	*****	*****	*****	*****	4.0 Monthly Average	8.0 Maximum Daily	mg/l	3X Weekly test	Composite	Jan, Feb, Mar, Apr, Dec	EGL
Nitrogen, Ammonia Total (As N) (00610) Effluent Gross Value	*****	*****	*****	*****	2.0 Monthly Average	3.0 Maximum Daily	mg/l	3X Weekly test	Composite	May, Jun, Jul, Aug, Sep, Oct, Nov	WQBEL/ BPJ
Nitrogen, Kjeldahl Total (As N) (00625) Effluent Gross Value	*****	*****	*****	*****	(Report) Monthly Average	(Report) Maximum Daily	mg/l	Weekly	Composite	All Months	WQBEL/ BPJ
Nitrite Plus Nitrate Total 1 Det. (As N) (00630) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Monthly	Composite	All Months	BPJ
Phosphorus, Total (As P) (00665) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Monthly	Composite	All Months	BPJ
E. Coli (51040) Effluent Gross Value	*****	*****	*****	*****	126 Monthly Average	298 Maximum Daily	col/100mL	Weekly	Grab	May, Jun, Jul, Aug, Sep, Oct	WQBEL
E. Coli (51040) Effluent Gross Value	*****	*****	*****	*****	548 Monthly Average	2507 Maximum Daily	col/100mL	Weekly	Grab	Jan, Feb, Mar, Apr, Nov, Dec	WQBEL
Coliform, Fecal General (74055) Effluent Gross Value	*****	*****	*****	*****	*****	400 Maximum Daily	col/100mL	Weekly	Grab	All Months	EGL

DSN001A: Treated process wastewater from poultry processing operations, sanitary wastewater and storm water runoff associated with poultry processing operations. (Flow Tier 1)

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	(Report) Monthly Average	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Monthly	Totalizer	All Months	BPJ
BOD, Carbonaceous 05 Day, 20C (80082) Effluent Gross Value	*****	*****	*****	*****	25.0 Monthly Average	37.5 Maximum Daily	mg/l	2X Weekly	Composite	Jan, Feb, Mar, Apr, Dec	WQBEL/ BPJ
BOD, Carbonaceous 05 Day, 20C (80082) Effluent Gross Value	*****	*****	*****	*****	8.0 Monthly Average	12.0 Maximum Daily	mg/l	2X Weekly	Composite	May, Jun, Jul, Aug, Sep, Oct, Nov	WQBEL/ BPJ

DSN001B: Treated process wastewater from poultry processing operations, sanitary wastewater and storm water runoff associated with poultry processing operations. (Flow Tier 2)

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	(Report) Monthly Average	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Monthly	Totalizer	All Months	BPJ
BOD, Carbonaceous 05 Day, 20C (80082) Effluent Gross Value	*****	*****	*****	*****	25.0 Monthly Average	37.5 Maximum Daily	mg/l	2X Weekly	Composite	Jan, Feb, Mar, Apr, Dec	WQBEL/ BPJ
BOD, Carbonaceous 05 Day, 20C (80082) Effluent Gross Value	*****	*****	*****	*****	10.0 Monthly Average	15.0 Maximum Daily	mg/l	2X Weekly	Composite	May, Jun, Jul, Aug, Sep, Oct, Nov	WQBEL/ BPJ

DSN001C: Treated process wastewater from poultry processing operations, sanitary wastewater and storm water runoff associated with poultry processing operations. (Flow Tier 3)

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	(Report) Monthly Average	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Monthly	Totalizer	All Months	BPJ
BOD, Carbonaceous 05 Day, 20C (80082) Effluent Gross Value	*****	*****	*****	*****	25.0 Monthly Average	37.5 Maximum Daily	mg/l	2X Weekly	Composite	Jan, Feb, Mar, Apr, Dec	WQBEL/ BPJ
BOD, Carbonaceous 05 Day, 20C (80082) Effluent Gross Value	*****	*****	*****	*****	12.0 Monthly Average	18.0 Maximum Daily	mg/l	2X Weekly	Composite	May, Jun, Jul, Aug, Sep, Oct, Nov	WQBEL/ BPJ

DSN002S: Storm water runoff associated with poultry processing operations and secondary containment areas associated with chemical storage.

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
BOD, 5-Day (20 Deg. C) (00310) Effluent Gross Value	*****	*****	*****	*****	*****	100 Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
pH (00400) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	S.U.	Semi-Annually	Grab	All Months	BPJ
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Nitrogen, Ammonia Total (As N) (00610) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Nitrogen, Kjeldahl Total (As N) (00625) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Nitrite Plus Nitrate Total 1 Det. (As N) (00630) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Phosphorus, Total (As P) (00665) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Semi-Annually	Calculated	All Months	BPJ
E. Coli (51040) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	col/100mL	Semi-Annually	Grab	All Months	BPJ
Chemical Oxygen Demand (COD) (2) (81017) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ

DSN003S: Storm water runoff associated with poultry processing operations and land application of poultry processing wastewaters.

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
BOD, 5-Day (20 Deg. C) (00310) Effluent Gross Value	*****	*****	*****	*****	*****	100 Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
pH (00400) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	S.U.	Semi-Annually	Grab	All Months	BPJ
Solids, Total Suspended (00530) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Oil & Grease (00556) Effluent Gross Value	*****	*****	*****	*****	*****	15 Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Nitrogen, Ammonia Total (As N) (00610) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Nitrogen, Kjeldahl Total (As N) (00625) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Nitrite Plus Nitrate Total 1 Det. (As N) (00630) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Phosphorus, Total (As P) (00665) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ
Flow, In Conduit or Thru Treatment Plant (50050) Effluent Gross Value	*****	(Report) Maximum Daily	MGD	*****	*****	*****	*****	Semi-Annually	Calculated	All Months	BPJ
E. Coli (51040) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	col/100mL	Semi-Annually	Grab	All Months	BPJ
Chemical Oxygen Demand (COD) (2) (81017) Effluent Gross Value	*****	*****	*****	*****	*****	(Report) Maximum Daily	mg/l	Semi-Annually	Grab	All Months	BPJ

DSNMW11, DSNMW21, and DSNMW31: Groundwater monitoring wells associated with land application of wastewater.

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	Sample Freq	Sample Type	Seasonal	Basis
Sulfate (As S) (00154) Intake From Well	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
pH (00400) Intake From Well	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	S.U.	Quarterly	Grab	All Months	BPJ
Solids, Total Suspended (00530) Intake From Well	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Nitrogen, Kjeldahl Total (As N) (00625) Intake From Well	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Sodium, Total (As Na) (00929) Intake From Well	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Chloride (As Cl) (00940) Intake From Well	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Solids, Total Dissolved (TDS) (70296) Intake From Well	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Nitrogen, Nitrate Total (As NO3) (71850) Intake From Well	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Nitrogen, Nitrite Total (As NO2) (71855) Intake From Well	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	mg/l	Quarterly	Grab	All Months	BPJ
Coliform, Fecal General (74055) Intake From Well	*****	*****	*****	(Report) Minimum Daily	*****	(Report) Maximum Daily	col/100mL	Quarterly	Grab	All Months	BPJ
Water Level At Samp. Collection Time (85327) Intake From Well	*****	(Report) Maximum Daily	feet	*****	*****	*****	*****	Quarterly	Grab	All Months	BPJ

*Basis for Permit Limitation

- BPJ – Best Professional Judgment
- WQBEL – Water Quality Based Effluent Limits
- EGL – Federal Effluent Guideline Limitations
- 303(d) – 303(d) List of Impaired Waters
- TMDL – Total Maximum Daily Load Requirements

Discussion

DSN001: Treated process wastewater from poultry processing operations, sanitary wastewater and storm water runoff associated with poultry processing operations.

DSN0011 will have the monitoring requirements for all the common parameters between the three tiers. DSN001A, DSN001B, and DSN001C will have monitoring for their respective flow and CBOD limits. The limits predicted by the Waste Load Allocation (WLA) for Ammonia as Nitrogen and Dissolved Oxygen are the same for all flows and will be included in DSN0011 as common parameters.

DSN001A
DSN001A applies when the monthly average flow is greater than 1.8 MGD.

DSN001B
DSN001B applies when the monthly average flow is greater than 1.5 MGD and less than or equal to 1.8 MGD.

DSN001C
DSN001C applies when the monthly average flow is less than or equal to 1.5 MGD.

Federal Effluent Guideline Limitations (EGL)
Parameters based upon EGL have had effluent guidelines established under the 40 CFR 432 Subpart K – Poultry First Processing. This discharge is regulated by the U.S. Environmental Protection Agency (EPA) effluent guidelines for Meat and Poultry Point Source Category (40 CFR 432.112 & 432.113) and by Alabama Water Quality Standards. The allowable guideline levels are shown below:

432.112 Effluent limitations attainable by the application of the best practicable control technology currently available (BPT).

Regulated parameter	Maximum daily (mg/L)	Maximum monthly avg. (mg/L)
Ammonia	8.0	4.0
BOD5	26	16
Fecal Coliform	400 MPN or CFU per 100mL at any time	No maximum monthly avg limit
O&G (as HEM)	14	8.0
TSS	30	20

432.113 Effluent limitations attainable by the application of the best available technology economically achievable (BAT).

Regulated parameter	Maximum daily (mg/L)	Maximum monthly avg. (mg/L)
Ammonia (as N)	8.0	4.0
Total Nitrogen	147	103

Dissolved Oxygen
Dissolved Oxygen requirements will be included with daily minimum limit of 6.0 mg/l based on the attached updated water quality model summary.

Biochemical Oxygen Demand (5-day)
Biochemical Oxygen Demand requirements will remain with a daily maximum limit of 26.0 mg/l and a monthly average limit of 16.0 mg/l.

pH
ADEM Administrative Code, Division 6 Regulations, specifically 335-6-10-.09(5)(e)2 – Specific Water Quality Criteria for Fish and Wildlife Classified streams states: "Sewage, industrial waste or other wastes shall not cause the

pH to deviate more than one unit from then normal or natural pH, nor be less than 6.0, nor greater than 8.5 standard units." Therefore, pH limitations are proposed at 6.0 to 8.5 standards units for this outfall.

Total Suspended Solids (TSS)
TSS requirements will remain with a daily maximum limit of 30.0 mg/l and a monthly average limit of 20.0 mg/l based on the effluent guidelines summarized above.

Oil and Grease (as HEM)
Oil and Grease (as HEM) requirements will remain with a daily maximum limit of 14.0 mg/l and a monthly average limit of 8.0 mg/l based on the effluent guidelines summarized above.

Total Nitrogen
Total Nitrogen requirements will remain with a daily maximum limit of 147 mg/l and a monthly average limit of 103 mg/l based on the effluent guidelines summarized above.

Nitrogen, Ammonia Total (As N)
Total Ammonia as N will be in the permit with a daily maximum of 3.0 mg/l and a monthly average of 2.0 mg/l for the summer months (May – November). For the winter months (December-April), a daily maximum of 8.0 mg/l and a monthly average of 4.0 mg/l will be required. The summer limits are based on the WLA (see attached) run by ADEM's Water Quality Section, which in the summer, are more stringent than effluent guidelines. The winter limits are based on 40 CFR 432.112 and are more stringent than the WLA limitations of 30 mg/l as a daily maximum and 20 mg/l as a monthly average.

Nutrients
Total Kjeldahl Nitrogen, Total Nitrite plus Nitrate and Total Phosphorus monitoring will be required. This is based on the WLA (see attached) run by ADEM's Water Quality Section.

E. Coli
The imposed E. coli limits were determined based on the water-use classification of the receiving stream. Since the Pea River is classified as Fish & Wildlife, the limits for May – October are 126 col/100mL (monthly average) and 298 col/100mL (daily maximum), while the limits for November – April are 548 col/100mL (monthly average) and 2507 col/100mL (daily maximum), in accordance with ADEM Water Quality criteria. The monitoring frequency shall be once per week.

Fecal Coliform
The effluent guideline for Fecal Coliform limits the daily maximum to "400 MPN or CFU per 100 mL at any time". The daily maximum limitation of 400 colonies/100 mL will be continued in this permit issuance. In accordance with the guideline, there is no maximum monthly average limitation.

Flow
Totalized flow will be continued in the permit on a monitor only basis. The monitoring frequency will be daily as in previous permit.

Carbonaceous Biochemical Oxygen Demand (5-day)
CBOD limits will be included based on the WLA (see attached) run by ADEM's Water Quality Section.

DSN002S: Storm water runoff associated with poultry processing operations and secondary containment areas associated with chemical storage.
DSN003: Storm water runoff associated with poultry processing operations and land application of poultry processing wastewaters.

Best Professional Judgment (BPJ)
The parameters of concern for these outfalls at this facility are based on the parameters of concern listed in EPA form 2F and from the current permit. These parameters are consistent with similar facilities in the state and have been proven to be reflective of the operations at this facility. The parameters with specific limits are discussed below:

Oil and Grease
A daily maximum O&G limit of 15 mg/l is being continued to ensure the prevention of an oil sheen in the discharge and in the receiving stream.

BOD, 5-Day (20 Deg. C)
The daily maximum BOD5 limit of 100 mg/l is also being continued to ensure the effectiveness of the BMPs and to protect water quality.

Other Parameters
Monitoring of all other parameters of concern is proposed to continue in this permit issuance. These parameters are commonly associated with the type of activities and operations occurring at this site. The monitoring results from these pollutants of concern will help determine the effectiveness of the BMP Plan for this facility and to determine future permit limitations, if necessary. The monitoring frequency for all parameters will be continued semi-annually.

Best Management Practices (BMPs)
Best Management Practices (BMPs) are believed to be the most effective way to control the contamination of stormwater from areas of industrial activities. This facility is required to maintain a BMP plan. The requirements of the BMP plan call for minimization of stormwater contact with waste materials, products and by-products, and for prevention of spills or loss of fluids from equipment maintenance activities. The effectiveness of the BMPs will be measured through the monitoring of the pollutants of concern.

BMPs for Poultry Processing Plants
Due to elevated E. coli levels in the discharge the facility is required, at a minimum, to utilize a BMP or combination of BMPs as outlined in Part IV.C of the permit to achieve reductions in levels of E. coli in stormwater runoff. An annual report summarizing the BMPs employed at the facility, trend analysis of discharge levels of E. coli, effectiveness on each BMP employed at the site, and a list of additional BMPs that are being considered is required to be submitted on January 28th of each year. The report requirements are outlined in Part IV.C.4. of the permit. Footnote 5/ has been added to Pages 1 and 2 of Part I.A of the permit.

Land Application
The permit includes requirements for proper operation of the land application sites. This includes record keeping and monitoring of upgradient and downgradient monitoring wells. Pollutant loadings will be limited to the monthly allowable nitrogen loadings recommended in the engineering report dated March, 1999. Results are to be submitted quarterly. Land Application requirements can be found in Part IV.D of the permit.

Groundwater Monitoring Requirements
To evaluate the impacts to groundwater in the vicinity of the land application site, groundwater monitoring is proposed as specified by Permit Condition Part IV.E. The current permit lists Total Nitrite Nitrogen (as NO3) as a parameter to be monitored for groundwater; however, NO3 is the chemical formula for Nitrate. It is proposed to monitor for Total Nitrite Nitrogen (NO2) and Total Nitrate Nitrogen (NO3) in this permit issuance. In addition to submitting the sample results in the required annual report as outlined in Part IV.E.4., the Permittee shall also report the quarterly monitoring data required in Part IV.E.1. on the DMRs for DSNMW11, DSNMW21, and DSNMW31. The annual report shall be submitted to the Department by January 28th each year providing the information specified in Part IV.E.

August 29, 2025 Revision

The facility submitted comments on the draft permit on August 8, 2025. The Department's responses and corresponding revisions are provided below.

Ammonia Daily Maximum Limit

The draft permit rationale specified a daily maximum limit of 3.0 mg/L for Ammonia during the summer months; however, Part I.A of the Permit listed a daily maximum limit of 4.0 mg/L. To resolve this inconsistency, Part I.A of the Permit has been corrected to reflect the 3.0 mg/L daily maximum, consistent with the permit rationale. In addition, the rationale for Ammonia above has been updated to reflect the correct winter Ammonia limits provided by the attached WLAs. This update did not change the winter Ammonia limits in the permit which are based on the more stringent effluent guideline limits.

Best Management Practices (BMP) Plan

The Department has updated the BMP language located in Part IV.A.2.g of the Permit. The Permit Condition now states "Provide for routine inspections, or days during which the facility is manned, of any structures that function to prevent stormwater pollution or to remove pollutants from stormwater and of the facility in general. Routine inspections should be done at a frequency to ensure that the BMP is continually implemented and effective and in no case less frequent than once per year." This clarification was added to be consistent with 40 CFR Part 122.43(c).

Facility Name: **Wayne Farms, LLC-Jack Facility**

NPDES No.: **AL0028860**

6/13/2017

$$Q_d * C_d + Q_{d2} * C_{d2} + Q_s * C_s = Q_r * C_r$$

ID	Pollutant	Carcinogen "yes"	Type	Background from upstream source (C_{d2}) Daily Max	Background from upstream source (C_{d2}) Monthly Ave	Background Instream (C_s) Daily Max	Background Instream (C_s) Monthly Ave	Enter Max Daily Discharge as reported by Applicant (C_d) Max	Enter Avg Daily Discharge as reported by Applicant (C_d) Ave	Partition Coefficient (Stream / Lake)
				µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	
1	Antimony		Metals	0	0	0	0	0	0	-
2	**Arsenic*,****	YES	Metals	0	0	0	0	0	0	0.574
3	Beryllium		Metals	0	0	0	0	0	0	-
4	Cadmium**		Metals	0	0	0	0	0	0	0.200
5	Chromium / Chromium III**		Metals	0	0	0	0	0	0	0.125
6	Chromium / Chromium VI**		Metals	0	0	0	0	0	0	
7	Copper**		Metals	0	0	0	0	8	6.5	0.230
8	Lead**		Metals	0	0	0	0	0	0	0.206
9	Mercury**		Metals	0	0	0	0	0	0	0.400
10	Nickel**		Metals	0	0	0	0	0	0	0.235
11	Selenium		Metals	0	0	0	0	0	0	-
12	Silver		Metals	0	0	0	0	0	0	-
13	Thallium		Metals	0	0	0	0	0	0	-
14	Zinc**		Metals	0	0	0	0	0	0	0.152
15	Cyanide		Metals	0	0	0	0	0	0	-
16	Total Phenolic Compounds		Metals	0	0	0	0	0	0	-
17	Hardness (As CaCO3)		Metals	0	0	0	0	0	0	-
18	Acrolein		VOC	0	0	0	0	0	0	-
19	**Acrylonitrile***	YES	VOC	0	0	0	0	0	0	-
20	**Aldrin**	YES	VOC	0	0	0	0	0	0	-
21	**Benzene***	YES	VOC	0	0	0	0	0	0	-
22	**Bromoform***	YES	VOC	0	0	0	0	0	0	-
23	**Carbon Tetrachloride***	YES	VOC	0	0	0	0	0	0	-
24	**Chlordane**	YES	VOC	0	0	0	0	0	0	-
25	Clorobenzene		VOC	0	0	0	0	0	0	-
26	**Chlorodibromo-Methane***	YES	VOC	0	0	0	0	0	0	-
27	Chloroethane		VOC	0	0	0	0	0	0	-
28	2-Chloro-Ethylvinyl Ether		VOC	0	0	0	0	0	0	-
29	**ChloroForm***	YES	VOC	0	0	0	0	0	0	-
30	**4,4'-DDD**	YES	VOC	0	0	0	0	0	0	-
31	**4,4'-DDE**	YES	VOC	0	0	0	0	0	0	-
32	**4.4'-DDT**	YES	VOC	0	0	0	0	0	0	-
33	**Dichlorobromo-Methane***	YES	VOC	0	0	0	0	0	0	-
34	1, 1-Dichloroethane		VOC	0	0	0	0	0	0	-
35	**1, 2-Dichloroethane***	YES	VOC	0	0	0	0	0	0	-
36	Trans-1, 2-Dichloro-Ethylene		VOC	0	0	0	0	0	0	-
37	**1, 1-Dichloroethylene***	YES	VOC	0	0	0	0	0	0	-
38	1, 2-Dichloropropane		VOC	0	0	0	0	0	0	-
39	1, 3-Dichloro-Propylene		VOC	0	0	0	0	0	0	-
40	**Dieldrin**	YES	VOC	0	0	0	0	0	0	-
41	Ethylbenzene		VOC	0	0	0	0	0	0	-
42	Methyl Bromide		VOC	0	0	0	0	0	0	-
43	Methyl Chloride		VOC	0	0	0	0	0	0	-
44	**Methylene Chloride***	YES	VOC	0	0	0	0	0	0	-
45	**1, 1, 2, 2-Tetrachloro-Ethane***	YES	VOC	0	0	0	0	0	0	-
46	**Tetrachloro-Ethylene***	YES	VOC	0	0	0	0	0	0	-
47	Toluene		VOC	0	0	0	0	0	0	-
48	**Toxaphene**	YES	VOC	0	0	0	0	0	0	-
49	**Tributyltine (TBT)**	YES	VOC	0	0	0	0	0	0	-
50	1, 1, 1-Trichloroethane		VOC	0	0	0	0	0	0	-
51	**1, 1, 2-Trichloroethane***	YES	VOC	0	0	0	0	0	0	-
52	**Trichloroethylene***	YES	VOC	0	0	0	0	0	0	-
53	**Vinyl Chloride***	YES	VOC	0	0	0	0	0	0	-
54	P-Chloro-M-Cresol		Acids	0	0	0	0	0	0	-
55	2-Chlorophenol		Acids	0	0	0	0	0	0	-
56	2, 4-Dichlorophenol		Acids	0	0	0	0	0	0	-
57	2, 4-Dimethylphenol		Acids	0	0	0	0	0	0	-
58	4, 6-Dinitro-O-Cresol		Acids	0	0	0	0	0	0	-
59	2, 4-Dinitrophenol		Acids	0	0	0	0	0	0	-
60	**4,6-Dinto-2-methylophenol**	YES	Acids	0	0	0	0	0	0	-
61	**Dioxin (2,3,7,8-TCDD)**	YES	Acids	0	0	0	0	0	0	-
62	2-Nitrophenol		Acids	0	0	0	0	0	0	-
63	4-Nitrophenol		Acids	0	0	0	0	0	0	-
64	**Pentachlorophenol***	YES	Acids	0	0	0	0	0	0	-
65	Phenol		Acids	0	0	0	0	0	0	-
66	**2, 4, 6-Trichlorophenol***	YES	Acids	0	0	0	0	0	0	-
67	Acenaphthene		Bases	0	0	0	0	0	0	-
68	Acenaphthylene		Bases	0	0	0	0	0	0	-
69	Anthracene		Bases	0	0	0	0	0	0	-
70	Benzidine		Bases	0	0	0	0	0	0	-
71	**Benzo(A)Anthracene***	YES	Bases	0	0	0	0	0	0	-
72	**Benzo(A)Pyrene***	YES	Bases	0	0	0	0	0	0	-
73	3, 4 Benzo-Fluoranthene		Bases	0	0	0	0	0	0	-
74	Benzo(GHI)Perylene		Bases	0	0	0	0	0	0	-
75	Benzo(K)Fluoranthene		Bases	0	0	0	0	0	0	-
76	Bis (2-Chloroethoxy) Methane		Bases	0	0	0	0	0	0	-
77	**Bis (2-Chloroethyl)-Ether***	YES	Bases	0	0	0	0	0	0	-
78	Bis (2-Chloroiso-Propyl) Ether		Bases	0	0	0	0	0	0	-
79	**Bis (2-Ethylhexyl) Phthalate***	YES	Bases	0	0	0	0	0	0	-
80	4-Bromophenyl Phenyl Ether		Bases	0	0	0	0	0	0	-
81	Butyl Benzyl Phthalate		Bases	0	0	0	0	0	0	-
82	2-Chloronaphthalene		Bases	0	0	0	0	0	0	-
83	4-Chlorophenyl Phenyl Ether		Bases	0	0	0	0	0	0	-
84	**Chryaene***	YES	Bases	0	0	0	0	0	0	-
85	Di-N-Butyl Phthalate		Bases	0	0	0	0	0	0	-
86	Di-N-Octyl Phthalate		Bases	0	0	0	0	0	0	-
87	**Dibenzo(A,H)Anthracene***	YES	Bases	0	0	0	0	0	0	-
88	1, 2-Dichlorobenzene		Bases	0	0	0	0	0	0	-
89	1, 3-Dichlorobenzene		Bases	0	0	0	0	0	0	-
90	1, 4-Dichlorobenzene		Bases	0	0	0	0	0	0	-
91	**3, 3-Dichlorobenzidine***	YES	Bases	0	0	0	0	0	0	-
92	Diethyl Phthalate		Bases	0	0	0	0	0	0	-
93	Dimethyl Phthalate		Bases	0	0	0	0	0	0	-
94	**2, 4-Dinitrotoluene***	YES	Bases	0	0	0	0	0	0	-
95	2, 6-Dinitrotoluene		Bases	0	0	0	0	0	0	-
96	1,2-Diphenylhydrazine		Bases	0	0	0	0	0	0	-
97	**Endosulfan (alpha)**	YES	Bases	0	0	0	0	0	0	-
98	**Endosulfan (beta)**	YES	Bases	0	0	0	0	0	0	-
99	**Endosulfan sulfate**	YES	Bases	0	0	0	0	0	0	-
100	**Endrin**	YES	Bases	0	0	0	0	0	0	-
101	**Endrin Aldeyhide**	YES	Bases	0	0	0	0	0	0	-
102	Fluoranthene		Bases	0	0	0	0	0	0	-
103	Fluorene		Bases	0	0	0	0	0	0	-
104	Heptochlor	YES	Bases	0	0	0	0	0	0	-
105	Heptachlor Epoxide	YES	Bases	0	0	0	0	0	0	-
106	**Hexachlorobenzene***	YES	Bases	0	0	0	0	0	0	-
107	**Hexachlorobutadiene***	YES	Bases	0	0	0	0	0	0	-
108	**Hexachlorocyclohexan (alpa)**	YES	Bases	0	0	0	0	0	0	-
109	**Hexachlorocyclohexan (beta)**	YES	Bases	0	0	0	0	0	0	-
110	**Hexachlorocyclohexan (gamma)**	YES	Bases	0	0	0	0	0	0	-
111	HexachlorocycloPentadiene		Bases	0	0	0	0	0	0	-
112	Hexachloroethane		Bases	0	0	0	0	0	0	-
113	**Indeno(1, 2, 3-CK)Pyrene***	YES	Bases	0	0	0	0	0	0	-
114	Isophorone		Bases	0	0	0	0	0	0	-
115	Naphthalene		Bases	0	0	0	0	0	0	-
116	Nitrobenzene		Bases	0	0	0	0	0	0	-
117	**N-Nitrosodi-N-Propylamine***	YES	Bases	0	0	0	0	0	0	-
118	**N-Nitrosodi-N-Methylamine***	YES	Bases	0	0	0	0	0	0	-
119	**N-Nitrosodi-N-Phenylamine***	YES	Bases	0	0	0	0	0	0	-
120	**PCB-1016**	YES	Bases	0	0	0	0	0	0	-
121	**PCB-1221**	YES	Bases	0	0	0	0	0	0	-
122	**PCB-1232**	YES	Bases	0	0	0	0	0	0	-
123	**PCB-1242**	YES	Bases	0	0	0	0	0	0	-
124	**PCB-1248**	YES	Bases	0	0	0	0	0	0	-
125	**PCB-1254**	YES	Bases	0	0	0	0	0	0	-
126	**PCB-1260**	YES	Bases	0	0	0	0	0	0	-
127	Phenanthrene		Bases	0	0	0	0	0	0	-
128	Pyrene		Bases	0	0	0	0	0	0	-
129	1, 2, 4-Trichlorobenzene		Bases	0	0	0	0	0	0	-

2.11	Enter Q_d = wastewater discharge flow from facility (MGD)
3.26465319	Q_d = wastewater discharge flow (cfs) (this value is calculated from the MGD)
0	Enter flow from upstream discharge Qd2 = background stream flow in MGD above point of discharge
0	Qd2 = background stream flow from upstream source (cfs)
14.0600	Enter 7Q10, Q_s = background stream flow in cfs above point of discharge
10.5500	Enter or estimated, 1Q10, Q_s = background stream flow in cfs above point of discharge (1Q10 estimated at 75% of 7Q10)
665.9400	Enter Mean Annual Flow, Q_s = background stream flow in cfs above point of discharge
35.73	Enter 7Q2, Q_s = background stream flow in cfs above point of discharge (For LWF class streams)
Enter to Left	Enter C_s = background in-stream pollutant concentration in µg/l (assuming this is zero "0" unless there is data)
$Q_d + Qd2 + Q_s$	Q_r = resultant in-stream flow, after discharge
Calculated on other	C_r = resultant in-stream pollutant concentration in µg/l in the stream (after complete mixing occurs)
50.00	Enter, Background Hardness above point of discharge (assumed 50 South of Birmingham and 100 North of Birmingham)
7.00 s.u.	Enter, Background pH above point of discharge
NO	Enter, Is discharge to a stream? "YES" Other option would be to a Lake. (This changes the partition coefficients for the metals)

** Using Partition Coefficients

September 3, 2025

Facility Name: Wayne Farms, LLC-Jack Facility

NPDES No.: AL0028860

Freshwater F&W classification.						Freshwater Acute (µg/l) Q_s =1Q10						Freshwater Chronic (µg/l) Q_s = 7Q10					Human Health Consumption Fish only (µg/l) Carcinogen Q_s = Annual Average Non-Carcinogen Q_s = 7Q10			
ID	Pollutant	RP?	Carcinogen yes	Background from upstream source (Cd2) Daily Max	Max Daily Discharge as reported by Applicant (C_{max})	Water Quality Criteria (C_t)	Draft Permit Limit (C_{max})	20% of Draft Permit Limit	RP?	Background from upstream source (Cd2) Monthly Ave	Avg Daily Discharge as reported by Applicant (C_{ave})	Water Quality Criteria (C_t)	Draft Permit Limit (C_{ave})	20% of Draft Permit Limit	RP?	Water Quality Criteria (C_t)	Draft Permit Limit (C_{ave})	20% of Draft Permit Limit	RP?
1	Antimony			0	0	-	-	-	-	0	0	-	-	-	-	3.73E+03	1.98E+03	3.96E+02	No
2	Arsenic		YES	0	0	592.334	2506.513	501.303	No	0	0	261.324	1386.778	277.356	No	0.3030	62.1168	12.4233	No
3	Berytium			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
4	Cadmium			0	0	5.130	21.708	4.341	No	0	0	0.759	4.030	0.806	No	-	-	-	-
5	Chromium/ Chromium III			0	0	2583.654	10933.116	2186.623	No	0	0	336.065	1783.517	356.703	No	-	-	-	-
6	Chromium/ Chromium VI			0	0	16.003	67.705	13.541	No	0	0	11.000	58.374	11.675	No	-	-	-	-
7	Copper			0	8	30.410	128.681	25.736	No	0	6.5	21.535	114.280	22.856	No	-	-	-	-
8	Lead			0	0	146.291	619.042	123.808	No	0	0	5.701	30.252	6.050	No	-	-	-	-
9	Mercury			0	0	2.400	10.156	2.031	No	0	0	0.012	0.064	0.013	No	4.24E-02	2.25E-01	4.50E-02	No
10	Nickel			0	0	1109.474	4690.599	938.120	No	0	0	123.117	653.350	130.670	No	9.93E+02	5.27E+03	1.05E+03	No
11	Selenium			0	0	20.000	84.632	16.926	No	0	0	5.000	26.534	5.307	No	2401.96	12866.32	2579.66	No
12	Silver			0	0	0.976	4.132	0.826	No	0	0	-	-	-	-	-	-	-	-
13	Thallium			0	0	-	-	-	-	0	0	-	-	-	-	2.74E-01	1.45E+00	2.90E-01	No
14	Zinc			0	0	428.468	1813.225	362.645	No	0	0	432.003	2292.527	458.505	No	1.49E+04	7.90E+04	1.58E+04	No
15	Cyanide			0	0	22.000	93.095	18.619	No	0	0	5.200	27.585	5.519	No	9.33E+03	4.95E+04	9.91E+03	No
16	Total Phenolic Compounds			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
17	Hardness (As CaCO3)			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
18	Acrolein			0	0	-	-	-	-	0	0	-	-	-	-	5.43E+00	2.88E+01	5.76E+00	No
19	Acrylonitrile		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.44E-01	2.95E+01	5.90E+00	No
20	Aldrin		YES	0	0	3.000	12.695	2.539	No	0	0	-	-	-	-	3.94E-05	6.02E-03	1.20E-03	No
21	Benzene		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.80E+01	3.17E+03	6.34E+02	No
22	Bromoform		YES	0	0	-	-	-	-	0	0	-	-	-	-	7.88E+01	1.61E+04	3.23E+03	No
23	Carbon Tetrachloride		YES	0	0	-	-	-	-	0	0	-	-	-	-	0.578-01	1.96E+02	3.92E+01	No
24	Chlordane		YES	0	0	2.400	10.156	2.031	No	0	0	0.0043	0.023	0.005	No	4.72E-04	9.69E-02	1.94E-02	No
25	Clorobenzene			0	0	-	-	-	-	0	0	-	-	-	-	9.06E+02	4.81E+03	9.62E+02	No
26	Chlorodibromo-Methane		YES	0	0	-	-	-	-	0	0	-	-	-	-	7.41E+00	1.52E+03	3.04E+02	No
27	Chloroethane			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
28	2-Chloro-Ethylvinyl Ether			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
29	ChloroForm		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.62E+03	2.09E+04	4.18E+03	No
30	4,4' - DDD		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.81E-04	3.72E-02	7.44E-03	No
31	4,4' - DDE		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.28E-04	2.62E-02	5.25E-03	No
32	4,4' - DDT		YES	0	0	1.100	4.655	0.931	No	0	0	0.001	0.005	0.001	No	1.28E-04	2.62E-02	5.25E-03	No
33	Dichlorobromo-Methane		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.60E+01	2.06E+03	4.11E+02	No
34	1, 1-Dichloroethane			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
35	1, 2-Dichloroethane		YES	0	0	-	-	-	-	0	0	-	-	-	-	2.14E+01	4.38E+03	8.76E+02	No
36	Trans-1, 2-Dichloro-Ethylene			0	0	-	-	-	-	0	0	-	-	-	-	3.01E+03	3.13E+04	6.27E+03	No
37	1, 1-Dichloroethylene		YES	0	0	-	-	-	-	0	0	-	-	-	-	4.17E+03	8.54E+05	1.71E+05	No
38	1, 2-Dichloropropane			0	0	-	-	-	-	0	0	-	-	-	-	5.49E+00	4.51E+01	9.02E+00	No
39	1, 3-Dichloro-Propylene			0	0	-	-	-	-	0	0	-	-	-	-	1.23E+01	6.52E+01	1.30E+01	No
40	Dieldrin		YES	0	0	0.240	1.016	0.203	No	0	0	0.056	0.297	0.059	No	3.12E-05	6.40E-03	1.28E-03	No
41	Ethylbenzene			0	0	-	-	-	-	0	0	-	-	-	-	1.24E+03	6.60E+03	1.32E+03	No
42	Methyl Bromide			0	0	-	-	-	-	0	0	-	-	-	-	8.71E+02	4.62E+03	9.25E+02	No
43	Methyl Chloride			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
44	Methylene Chloride		YES	0	0	-	-	-	-	0	0	-	-	-	-	3.44E+02	7.09E+04	1.42E+04	No
45	1, 1, 2, 2-Tetrachloro-Ethane		YES	0	0	-	-	-	-	0	0	-	-	-	-	2.33E+00	4.78E+02	9.57E+01	No
46	Tetrachloro-Ethylene		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.92E+00	3.93E+02	7.86E+01	No
47	Toluene			0	0	-	-	-	-	0	0	-	-	-	-	5.72E+03	4.63E+04	9.26E+03	No
48	Toxaphene		YES	0	0	0.730	3.089	0.618	No	0	0	0.0002	0.001	0.000	No	1.62E-04	3.32E-02	6.64E-03	No
49	Tributyltin (TBT)		YES	0	0	0.460	1.947	0.389	No	0	0	0.072	0.382	0.076	No	-	-	-	-
50	1, 1, 1-Trichloroethane			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
51	1, 1, 2-Trichloroethane		YES	0	0	-	-	-	-	0	0	-	-	-	-	9.10E+00	1.86E+03	3.73E+02	No
52	Trichlorethylene		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.75E+01	3.58E+03	7.16E+02	No
53	Vinyl Chloride		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.42E+00	2.92E+02	5.84E+01	No
54	P-Chloro-M-Cresol			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
55	2-Chlorophenol			0	0	-	-	-	-	0	0	-	-	-	-	3.71E+01	4.62E+02	9.24E+01	No
56	2, 4-Dichlorophenol			0	0	-	-	-	-	0	0	-	-	-	-	1.72E+02	9.13E+02	1.83E+02	No
57	2, 4-Dimethylphenol			0	0	-	-	-	-	0	0	-	-	-	-	4.99E+03	2.64E+03	5.28E+02	No
58	4, 6-Dinitro-O-Cresol			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
59	2, 4-Dinitrophenol			0	0	-	-	-	-	0	0	-	-	-	-	3.11E+03	1.65E+04	3.30E+03	No
60	4,6-Dinitro-2-methylphenol		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.65E+02	3.39E+04	6.78E+03	No
61	Dioxin (2,3,7,8-TCDD)		YES	0	0	-	-	-	-	0	0	-	-	-	-	2.47E-08	5.47E-08	1.09E-08	No
62	2-Nitrophenol			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
63	4-Nitrophenol			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
64	Pentachlorophenol		YES	0	0	8.723	36.913	7.383	No	0	0	8.668	35.516	7.103	No	1.72E+00	3.62E+02	7.25E+01	No
65	Phenol			0	0	-	-	-	-	0	0	-	-	-	-	5.70E+05	2.65E+06	5.31E+05	No
66	2, 4, 6-Trichlorophenol		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.41E+00	2.90E+02	5.80E+01	No
67	Acenaphthene			0	0	-	-	-	-	0	0	-	-	-	-	5.76E+02	3.07E+03	6.14E+02	No
68	Acenaphthylene			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
69	Anthracene			0	0	-	-	-	-	0	0	-	-	-	-	2.33E+04	1.24E+05	2.48E+04	No
70	Benzidine			0	0	-	-	-	-	0	0	-	-	-	-	1.16E-04	6.15E-04	1.23E-04	No
71	Benzo(A)Anthracene		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.07E-02	2.18E+00	4.37E-01	No
72	Benzo(A)Pyrene		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.07E-02	2.18E+00	4.37E-01	No
73	Benzo(b)fluoranthene			0	0	-	-	-	-	0	0	-	-	-	-	1.07E-02	5.65E-02	1.13E-02	No
74	Benzo(GHI)Perylene			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
75	Benzo(K)Fluoranthene			0	0	-	-	-	-	0	0	-	-	-	-	1.51E-02	5.65E-02	1.13E-02	No
76	Bis (2-Chloroethoxy) Methane			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
77	Bis (2-Chloroethyl)-Ether		YES	0	0	-	-	-	-	0	0	-	-	-	-	3.01E-01	6.30E+01	1.26E+01	No
78	Bis (2-Chloroiso-Propyl) Ether			0	0	-	-	-	-	0	0	-	-	-	-	3.78E+04	2.01E+05	4.01E+04	No
79	Bis (2-Ethylhexyl) Phthalate		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.38E+00	2.83E+02	5.26E+01	No
80	4-Bromophenyl Phenyl Ether			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
81	Butyl Benzyl Phthalate			0	0	-	-	-	-	0	0	-	-	-	-	1.12E+03	5.98E+03	1.20E+03	No
82	2-Chloronaphthalene			0	0	-	-	-	-	0	0	-	-	-	-	9.54E+02	4.90E+03	9.81E+02	No
83	4-Chlorophenyl Phenyl Ether			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
84	Chrysene		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.07E-02	2.18E+00	4.37E-01	No
85	Di-N-Butyl Phthalate			0	0	-	-	-	-	0	0	-	-	-	-	2.67E+03	1.39E+04	2.78E+03	No
86	Di-N-Octyl Phthalate			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
87	Dibenzo(A,H)Anthracene		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.07E-02	2.18E+00	4.37E-01	No
88	1, 2-Dichlorobenzene			0	0	-	-	-	-	0	0	-	-	-	-	7.90E+03	4.01E+03	8.02E+02	No
89	1, 3-Dichlorobenzene			0	0	-	-	-	-	0	0	-	-	-	-	5.47E+03	2.98E+03	5.97E+02	No
90	1, 4-Dichlorobenzene			0	0	-	-	-	-	0	0	-	-	-	-	1.12E+03	5.97E+02	1.19E+02	No
91	3, 3-Dichlorobenzidine		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.65E-02	3.41E+00	6.81E-01	No
92	Diethyl Phthalate			0	0	-	-	-	-	0	0	-	-	-	-	2.56E+04	1.38E+05	2.71E+04	No
93	Dimethyl Phthalate			0	0	-	-	-	-	0	0	-	-	-	-	6.46E+05	3.44E+06	6.88E+05	No
94	2, 4-Dinitrotoluene		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.98E+00	4.06E+02	8.12E+01	No
95	2, 6-Dinitrotoluene			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
96	1,2-Diphenylhydrazine			0	0	-	-	-	-	0	0	-	-	-	-	1.12E-01	6.22E-01	1.24E-01	No
97	Endosulfan (alpha)		YES	0	0	0.22	0.931	0.186	No	0	0	0.056	0.297	0.059	No	5.19E+01	1.06E+04	2.13E+03	No
98	Endosulfan (beta)		YES	0	0	0.22	0.931	0.186	No	0	0	0.056	0.297	0.059	No	5.19E+01	1.06E+04	2.13E+03	No
99	Endosulfan sulfate		YES	0	0	-	-	-	-	0	0	-	-	-	-	5.19E+01	1.06E+04	2.13E+03	No
100	Endrin		YES	0	0	0.086	0.364	0.073	No	0	0	0.036	0.191	0.038	No	3.53E-02	7.23E+00	1.45E+00	No
101	Endrin Aldeyhde		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.76E-01	3.61E+01	7.23E+00	No
102	Fluoranthene			0	0	-	-	-	-	0	0	-	-	-	-	8.12E+01	4.31E+02	8.61E+01	No
103	Fluorene			0	0	-	-	-	-	0	0	-	-	-	-	3.11E+03	1.65E+04	3.30E+03	No
104	Heptochlor		YES	0	0	0.52	2.200	0.440	No	0	0	0.0038	0.020	0.004	No	4.63E-05	9.49E-03	1.90E-03	No
105	Heptachlor Epoxide		YES	0	0	0.53	2.200	0.440	No	0	0	0.0038	0.020	0.004	No	2.29E-05	4.69E-03	9.39E-04	No
106	Hexachlorobenzene		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.68E-04	3.44E-02	6.88E-03	No
107	Hexachlorobutadiene		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.08E+01	2.21E+03	4.41E+02	No
108	Hexachlorocyclohexan (alpha)		YES	0	0	-	-	-	-	0	0	-	-	-	-	2.85E-03	5.84E-01	1.17E-01	No
109	Hexachlorocyclohexan (beta)		YES	0	0	-	-	-	-	0	0	-	-	-	-	9.97E-03	2.04E+00	4.09E-01	No
110	Hexachlorocyclohexan (gamma)		YES	0	0	0.95	4.020	0.804	No	0	0	-	-	-	-	1.08E+00	2.21E+02	4.42E+01	No
111	HexachlorocyclePentadiene			0	0	-	-	-	-	0	0	-	-	-	-	8.45E+02	3.42E+03	6.85E+02	No
112	Hexachloroethane			0	0	-	-	-	-	0	0	-	-	-	-	1.52E+00	1.02E+01	2.04E+00	No
113	Indeno(1, 2, 3-CK)Pyrene		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.07E-02	2.18E+00	4.37E-01	No
114	Isophorone			0	0	-	-	-	-	0	0	-	-	-	-	9.61E+02	2.96E+03	5.95E+02	No
115	Naphthalene			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
116	Nitrobenzene			0	0	-	-	-	-	0	0	-	-	-	-	4.04E+02	2.14E+03	4.28E+02	No
117	N-Nitrosodi-N-Propylamine		YES	0	0	-	-	-	-	0	0	-	-	-	-	2.95E-01	6.05E+01	1.21E+01	No
118	N-Nitrosodimethylamine		YES	0	0	-	-	-	-	0	0	-	-	-	-	1.78E+00	3.61E+02	7.21E+01	No
119	N-Nitrosodiphenylamine		YES	0	0	-	-	-	-	0	0	-	-	-	-	3.50E+00	7.18E+02	1.44E+02	No
120	PCB-1016		YES	0	0	-	-	-	-	0	0	0.014	0.074	0.015	No	3.74E-05	7.67E-03	1.53E-03	No
121	PCB-1221		YES	0	0	-	-	-	-	0	0	0.014	0.074	0.015	No	3.74E-05	7.67E-03	1.53E-03	No
122	PCB-1232		YES	0	0	-	-	-	-	0	0	0.014	0.074	0.015	No	3.74E-05	7.67E-03	1.53E-03	No
123	PCB-1242		YES	0	0	-	-	-	-	0	0	0.014	0.074	0.015	No	3.74E-05	7.67E-03	1.53E-03	No
124	PCB-1248		YES	0	0	-	-	-	-	0	0	0.014	0.074	0.015	No	3.74E-05	7.67E-03	1.53E-03	No
125	PCB-1254		YES	0	0	-	-	-	-	0	0	0.014	0.074	0.015	No	3.74E-05	7.67E-03	1.53E-03	No
126	PCB-1260		YES	0	0	-	-	-	-	0	0	0.014	0.074	0.015	No	3.74E-05	7.67E-03	1.53E-03	No
127	Phenanthrene			0	0	-	-	-	-	0	0	-	-	-	-	-	-	-	-
128	Pyrene			0	0	-	-	-	-	0	0	-	-	-	-	3.33E+03	1.24E+04	2.48E+03	No
129	1, 2, 4-Trichlorobenzene			0	0	-	-	-	-	0	0	-	-	-	-	4.09E+01	2.17E+02	4.34E+01	No

Close Form

Waste Load Allocation Summary

Open FILE by permit number

Comments Included: [x] Yes [ ] No

General Information

Request Number: 3515 Page 1

Information Verified By: BCH

Receiving Stream Name: Pea River

Year File Was Created: 2017

Previous File Name:

OR: Local Name (If applicable)

Facility Name: Wayne Farms LLC

ID Number: 1668

Previous Discharger Name:

Or-AKA (includes previous file name)

12 Digit HUC Code: 031402020506

River Basin: Choctawhatchee

County: Coffee

Use Classification: F&W

Date of WLA Response: 11/16/2018

Discharge Latitude: 31.495714

Lat/Long Method: GPS

Discharge Longitude: -85.890760

Approved TMDL? [ ] Yes [x] No

Site Visit Completed? [x] Yes [ ] No

Date of Site Visit: 12/4/2017

Approval Date of TMDL:

Waterbody Impaired? [ ] Yes [x] No

Antidegradation [x] Yes [ ] No

Permit Information

Waterbody Tier Level: Tier II

Permit Number: AL0028860

Use Support Category: 1

Permit Status: Active

Other Point Sources? [ ] Yes [x] No

Type of Discharger

- [ ] Municipal
- [ ] Industrial
- [ ] Semipublic/Private
- [ ] Mining

Sources Included in Model

Waste Load Allocation Information

Modeled Reach Length: 15.26 Miles

Date of Allocation: 11/16/2018

Name of Model Used: SWQM

Allocation Type: 2 Seasons

Model Completed by: Brian Haigler

Type of Model Used: Desk-top

Allocation Developed by: Water Quality Branch

Waste Load Allocation Summary

Annual Effluent Limits		Conventional Parameters				Other Parameters			
		Qw 2.35 MGD		Qw 2.35 MGD		Qw MGD		Qw MGD	
QW MGD		Season Summer		Season Winter		Season		Season	
		From May		From Dec		From		From	
		Through Nov		Through Apr		Through		Through	
CBOD5		CBOD5 8	mg/L	CBOD5 25	mg/L	TP		TP	
NH3-N		NH3-N 2	mg/L	NH3-N 20	mg/L	TN		TN	
TKN		TKN		TKN		TSS		TSS	
D.O.		D.O. 6	mg/L	D.O.					

"Monitor Only" Parameters for Effluent:	Parameter	Frequency	Parameter	Frequency
	TP	Monthly		
	TKN	Monthly		
	NO2+NO3-N	Monthly		

Water Quality Characteristics Immediately Upstream of Discharge

Parameter	Summer		Winter	
CBODu	2	mg/l	2	mg/l
NH3-N	0.11	mg/l	0.11	mg/l
Temperature	30	°C	20	°C
pH	7	su	7	su

Hydrology at Discharge Location

Drainage Area Qualifier				Method Used to Calculate
Exact	Drainage Area	573.4	sq mi	
	Stream 7Q10	12.61	cfs	ADEM Estimate w/USGS Gage Data
	Stream 1Q10	9.46	cfs	75%of 7Q10
	Stream 7Q2	35.54	cfs	ADEM Estimate w/USGS Gage Data
	Annual Average	585.9	cfs	ADEM Estimate w/USGS Gage Data

Comments and/or Notations: This Waste Load Allocation Summary is an updated response with limits based on revised low flows.

Close Form

Waste Load Allocation Summary

Open FILE by permit number

Comments included

Request 2514 Page 1

☐ Yes ☐ No

General Information

Request Number 3511 Page 1

Information Verified By BCH

Receiving Stream Name: Pea River

Year File Was Created: 2017

Previous File Name:

OR: Local Name (If applicable)

Facility Name: Wayne Farms LLC

ID Number: 1667

Previous Discharger Name: Southland Farms

Or-AKA (includes previous file name)

12 Digit HUC Code: 031402020506

River Basin: Choctawhatchee

County: Coffee

Use Classification: F&W

Date of WLA Response: 11/16/2018

Discharge Latitude: 31.495714

Lat/Long Method: GPS

Discharge Longitude: -85.890760

Approved TMDL?

Site Visit Completed? ☑ Yes ☐ No

☐ Yes ☑ No

Date of Site Visit: 12/4/2017

Approval Date of TMDL:

Waterbody Impaired? ☐ Yes ☑ No

Antidegradation ☑ Yes ☐ No

Permit Information

Waterbody Tier Level: Tier II

Permit Number: AL0028860

Use Support Category: 1

Permit Status: Active

Other Point Sources? ☐ Yes ☑ No

Type of Discharger

Sources Included in Model

- ☐ Municipal
- ☐ Industrial
- ☐ Semipublic/Private
- ☐ Mining

Waste Load Allocation Information

Modeled Reach Length: 15.26 Miles

Date of Allocation: 11/16/2018

Name of Model Used: SWQM

Allocation Type: 2 Seasons

Model Completed by: Brain Haigler

Type of Model Used: Desk-top

Allocation Developed by: Water Quality Branch

Waste Load Allocation Summary

Annual Effluent Limits			Conventional Parameters				Other Parameters			
			Qw 1.8 MGD		Qw 1.8 MGD		Qw MGD		Qw MGD	
QW MGD			Season Summer		Season Winter		Season		Season	
			From May		From Dec		From		From	
			Through Nov		Through Apr		Through		Through	
CBOD5			CBOD5 10	mg/L	CBOD5 25	mg/L	TP		TP	
NH3-N			NH3-N 2	mg/L	NH3-N 20	mg/L	TN		TN	
TKN			TKN		TKN		TSS		TSS	
D.O.			D.O. 6	mg/L	D.O.					

"Monitor Only" Parameters for Effluent:	Parameter	Frequency	Parameter	Frequency
	TP	Monthly		
	TKN	Monthly		
	NO2+NO3-N	Monthly		

Water Quality Characteristics Immediately Upstream of Discharge

Parameter	Summer		Winter	
CBODu	2	mg/l	2	mg/l
NH3-N	0.11	mg/l	0.11	mg/l
Temperature	30	°C	20	°C
pH	7	su	7	su

Hydrology at Discharge Location

Drainage Area Qualifier				Method Used to Calculate
Exact	Drainage Area	573.4	sq mi	
	Stream 7Q10	12.61	cfs	ADEM Estimate w/USGS Gage Data
	Stream 1Q10	9.46	cfs	75%of 7Q10
	Stream 7Q2	35.54	cfs	ADEM Estimate w/USGS Gage Data
	Annual Average	585.9	cfs	ADEM Estimate w/USGS Gage Data

Comments and/or Notations

Close Form

Waste Load Allocation Summary

Open FILE by permit number

Comments included

Request 2540 Page 4

☐ Yes ☐ No

General Information

Request Number: 3510 Page 1

Information Verified By: BCH

Receiving Stream Name: Pea River

Year File Was Created: 2017

Previous File Name:

OR: Local Name (If applicable)

Facility Name: Wayne Farms LLC

ID Number: 1666

Previous Discharger Name: Southland Farms

Or-AKA (includes previous file name)

12 Digit HUC Code: 031402020506

River Basin: Choctawhatchee

County: Coffee

Use Classification: F&W

Date of WLA Response: 11/16/2018

Discharge Latitude: 31.495714

Lat/Long Method: GPS

Discharge Longitude: -85.890760

Approved TMDL?

Site Visit Completed? ☑ Yes ☐ No

☐ Yes ☑ No

Date of Site Visit: 12/4/2017

Approval Date of TMDL:

Waterbody Impaired? ☐ Yes ☑ No

Antidegradation ☑ Yes ☐ No

Permit Information

Waterbody Tier Level: Tier II

Permit Number: AL0028860

Use Support Category: 1

Permit Status: Active

Other Point Sources? ☐ Yes ☑ No

Type of Discharger

- ☐ Municipal
- ☐ Industrial
- ☐ Semipublic/Private
- ☐ Mining

Sources Included in Model

Waste Load Allocation Information

Modeled Reach Length: 15.26 Miles

Date of Allocation: 11/16/2018

Name of Model Used: SWQM

Allocation Type: 2 Seasons

Model Completed by: Brian Haigler

Type of Model Used: Desk-top

Allocation Developed by: Water Quality Branch

Waste Load Allocation Summary

Annual Effluent Limits		Conventional Parameters				Other Parameters			
		Qw 1.5 MGD		Qw 1.5 MGD		Qw MGD		Qw MGD	
QW MGD		Season	Summer	Season	Winter	Season		Season	
		From	May	From	Dec	From		From	
		Through	Nov	Through	Apr	Through		Through	
CBOD5		CBOD5	12	CBOD5	25	TP		TP	
NH3-N		NH3-N	2	NH3-N	20	TN		TN	
TKN		TKN		TKN		TSS		TSS	
D.O.		D.O.	6	D.O.					

"Monitor Only" Parameters for Effluent:	Parameter	Frequency	Parameter	Frequency
	TP	Monthly		
	TKN	Monthly		
	NO2+NO3-N	Monthly		

Water Quality Characteristics Immediately Upstream of Discharge

Parameter	Summer		Winter	
CBODu	2	mg/l	2	mg/l
NH3-N	0.11	mg/l	0.11	mg/l
Temperature	30	°C	20	°C
pH	7	su	7	su

Hydrology at Discharge Location

Drainage Area Qualifier				Method Used to Calculate
Exact	Drainage Area	573.4	sq mi	
	Stream 7Q10	12.61	cfs	ADEM Estimate w/USGS Gage Data
	Stream 1Q10	9.46	cfs	75%of 7Q10
	Stream 7Q2	35.54	cfs	ADEM Estimate w/USGS Gage Data
	Annual Average	585.9	cfs	ADEM Estimate w/USGS Gage Data

Comments and/or Notations

Close Form

Waste Load Allocation Summary

Open FILE by permit number

Comments included

Request 2440 Page 1

Kim, Victoria P

Subject: FW: [EXTERNAL:] - RE: Wayne Sanderson Farms - Draft Permit Question

From: Mount, Brandy <Brandy.Mount@WayneSanderson.com>
Sent: Friday, August 8, 2025 9:34 AM
To: Kim, Victoria P <victoria.kim@adem.alabama.gov>
Subject: RE: [EXTERNAL:] - RE: Wayne Sanderson Farms - Draft Permit Question

Hey Victoria,

One other thing we noticed was the Ammonia daily max for the summer months in the permit rationale (3.0 mg/L) did not match the daily max listed in Part 1.A of the Permit (4.0 mg/L).

Thank you!

WAYNE SANDERSON™
TOGETHER, WE MAKE CHICKEN AMAZING

Brandy Mount
Sr. Manager of Environmental
brandy.mount@waynesanderson.com
O 334-853-0914
M 334-403-0586

Corporate Headquarters
4110 Continental Drive | Oakwood, GA 30566
waynesandersonfarms.com

From: Kim, Victoria P <victoria.kim@adem.alabama.gov>
Sent: Wednesday, August 6, 2025 10:44 AM
To: Mount, Brandy <Brandy.Mount@WayneSanderson.com>
Subject: [EXTERNAL:] - RE: Wayne Sanderson Farms - Draft Permit Question

Hi Brandy,

I've received your email and have followed up with our Water Quality team regarding running the WLA based on the updated 7Q10 flow. We wanted to get their input to determine whether it makes sense to re-evaluate the WLA given the updated flow data.

I'll let you know once I hear back from them.

Victoria Kim

Industrial Section
Industrial/Municipal Branch
Water Division
Alabama Department of Environmental Management

Work Phone: (334) 271-7895
Email: victoria.kim@adem.alabama.gov
Mailing Address:
Post Office Box 301463
Montgomery, Alabama 36130-1463

ADEM

Mission: Assure for all citizens of the state a safe, healthful and productive environment

---

From: Mount, Brandy <Brandy.Mount@WayneSanderson.com>
Sent: Tuesday, August 5, 2025 1:47 PM
To: Kim, Victoria P <victoria.kim@adem.alabama.gov>
Subject: RE: Wayne Sanderson Farms - Draft Permit Question

Hey Victoria,

Just following up on the email below.

Thank you,

WAYNE SANDERSON FARMS™
TOGETHER, WE MAKE CHICKEN AMAZING

Brandy Mount
Sr. Manager of Environmental
brandy.mount@waynesanderson.com
O 334-853-0914
M 334-403-0586

Corporate Headquarters
4110 Continental Drive | Oakwood, GA 30566
waynesandersonfarms.com

From: Mount, Brandy
Sent: Thursday, July 24, 2025 3:49 PM
To: Kim, Victoria P <victoria.kim@adem.alabama.gov>
Subject: Wayne Sanderson Farms - Draft Permit Question

Good Afternoon Victoria,

We sent this permit to our consultant and they email us back this response.

"We have looked over the new draft permit, and are summarizing what we found below. The main thing to consider is that according to the permit rationale, the low flow stats for Pea River have increased ~11% since the waste load allocation was last run in 2018 (12.61 cfs to 14.06 cfs). This is a pretty significant increase in background flows and it may be worth asking ADEM to re-evaluate the WLA using the updated 7Q10 number. This could potentially increase your limits for ammonia, CBOD, and DO."

Would you guys take a look at the updated 7Q10 and re-evaluate?

Please reach out with any questions.

Thanks!

WAYNE SANDERSON FARMS™
TOGETHER, WE MAKE CHICKEN AMAZING

Brandy Mount
Sr. Manager of Environmental
brandy.mount@waynesanderson.com
O 334-853-0914
M 334-403-0586

Corporate Headquarters
4110 Continental Drive | Oakwood, GA 30566
waynesandersonfarms.com

Kim, Victoria P

Subject: FW: [EXTERNAL:] - Jack facility WLA Modeling

From: Mount, Brandy <Brandy.Mount@WayneSanderson.com>
Sent: Friday, August 29, 2025 8:50 AM
To: Kim, Victoria P <victoria.kim@adem.alabama.gov>
Subject: RE: [EXTERNAL:] - Jack facility WLA Modeling

Good Morning!!

We just want to leave it like it is. We do not want to move forward with recalculating the WLA modeling.

Please call if you have any additional questions.

Thank you!

WAYNE SANDERSON FARMS™
TOGETHER, WE MAKE CHICKEN AMAZING

Brandy Mount
Sr. Manager of Environmental
brandy.mount@waynesanderson.com
O 334-853-0914
M 334-403-0586

Corporate Headquarters
4110 Continental Drive | Oakwood, GA 30566
waynesandersonfarms.com

From: Kim, Victoria P <victoria.kim@adem.alabama.gov>
Sent: Wednesday, August 27, 2025 3:01 PM
To: Mount, Brandy <Brandy.Mount@WayneSanderson.com>
Subject: [EXTERNAL:] - Jack facility WLA Modeling

Brandy,

Just wanted to follow up with you regarding WLA modeling for Jack.

Do you want to move forward with the modeling this reissuance, or wait until the next cycle? If you'd like to proceed now, do you want to rerun all the models, or just select ones?

Let me know.

Thank you.

Victoria Kim
Industrial Section
Industrial/Municipal Branch
Water Division
Alabama Department of Environmental Management

Work Phone: (334) 271-7895
Email: victoria.kim@adem.alabama.gov
Mailing Address:
Post Office Box 301463
Montgomery, Alabama 36130-1463

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WAYNE FARMS®

FedEx Tracking # 7751 6989 5299

November 9, 2021

Mr. Scott Ramsey
Alabama Department of Environmental Management
Water Division
1400 Coliseum Boulevard
Montgomery, AL 36110-2400
(334) 271-7700
sramsey@adem.alabama.gov

Re: NPDES Renewal Application
Wayne Farms LLC – Jack Facility
1020 County Road 114
Jack, AL 36346
Permit No. AL0028860

Dear Mr. Ramsey:

Transmitted herewith are two copies of the NPDES Renewal Application for the Wayne Farms LLC – Jack, Alabama Poultry Fresh Plant (NPDES Permit No. AL0028860) along with the application fee of $5,615.

Process wastewater discharges in the Pea River from DSN0011. Stormwater runoff from areas associated with poultry processing activities (industrial activity) discharge from Outfalls DSN002 and DSN003.

Wayne Farms formally requests that the stormwater monitoring requirements be removed from Outfalls DSN004, DSN005 and DSN008 associated with the Land Application System (sprayfields). Stormwater runoff from the sprayfields is associated with an irrigation system that provides a beneficial resource used to grow a crop (hay for animal feeds and other beneficial uses). This land use is a normal farming/agricultural activity that is exempt from NPDES permitting per 40 CFR 122.3(e). As such, these outfalls are not required to be sampled during storm events.

Please contact Trent Samples (tsamples@wheeinc.com) at (770) 844-0037 or Brandy Mount (Brandy.Mount@waynefarms.com) at (334) 853-0914 ext. 1914 with questions.

Sincerely,

Brandy Mount
Area Environmental Compliance Manager
Wayne Farms, LLC

RECEIVED
NOV 1 2 2021
INDUSTRIAL SECTION

NPDES Permit Application

NPDES Permit No. AL0028860

Wayne Farms LLC
Jack Fresh Plant
1020 County Road 114
Jack, Coffee County, Alabama 36346

November 9, 2021

Prepared by:
Woodruff & Howe Environmental Engineering, Inc.
4405 Canton Hwy, Suite 100
Cumming, Georgia 30040

NPDES Permit Application
Table of Contents
November 9, 2021

Wayne Farms, LLC

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (ADEM)
NPDES INDIVIDUAL PERMIT APPLICATION
SUPPLEMENTARY INFORMATION FOR INDUSTRIAL FACILITIES

Instructions: This form should be used to submit the required supplementary information for an application for an NPDES individual permit for industrial facilities. The completed application should be submitted to ADEM in duplicate. If insufficient space is available to address any item, please continue on an attached sheet of paper. Please mark "N/A" in the appropriate box when an item is not applicable to the applicant. **Please type or print legibly in blue or black ink.** Mail the completed application to:

ADEM-Water Division
Industrial Section
P O Box 301463
Montgomery, AL 36130-1463

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INDUSTRIAL SECTION

PURPOSE OF THIS APPLICATION

- ☐ Initial Permit Application for New Facility*
- ☐ Modification of Existing Permit
- ☐ Revocation & Reissuance of Existing Permit
- ☐ Initial Permit Application for Existing Facility*
- ■ Reissuance of Existing Permit

* *An application for participation in the ADEM's Electronic Environmental (E2) Reporting must be submitted to allow permittee to electronically submit reports as required.*

SECTION A – GENERAL INFORMATION

1. Permittee Name: Wayne Farms LLC - Jack AL Fresh Plant
2. NPDES Permit Number: AL 0028860 (not applicable if initial permit application)
3. SID Permit Number (if applicable): IU
4. NPDES General Permit Number (if applicable): ALG
5. Facility Location (Front Gate): Latitude: 31.50103056 Longitude: -85.90305556
6. Responsible Official (as described on the last page of this application):

   Name: Kevin McDaniel Title: Chief Operating Officer

   Address: 4110 Continental Drive

   City: Oakwood State: Georgia Zip: 30566

   Phone Number: (800) 392-0844 Email Address: kevin.mcdaniel@waynefarms.com

7. Designated Discharge Monitoring Report (DMR) Contact:

   Name: James (Eddie) Fortner Title: Operations Manager

   Phone Number: (334) 897-3435 Email Address: Eddie.Fortner@waynefarms.com

8. Type of Business Entity:

   ☐ Corporation ☐ General Partnership ☐ Limited Partnership ☒ Limited Liability Company ☐ Sole Proprietorship
   ☐ Other (Please Specify)

8. Complete this section if the Applicant's business entity is a Corporation

   a) Location of Incorporation:

   Address: 4110 Continental Drive

   City: Oakwood County: Hall State: GA Zip: 30566

   b) Parent Corporation of Applicant:

   Name: Continental Grain Company

   Address: 277 Park Avenue

   City: New York State: NY Zip: 10172

c) Subsidiary Corporation(s) of Applicant:

Name: N/A

Address:

City: State: Zip:

d) Corporate Officers:

Name: J. Clinton Rivers, CEO

Address: 4110 Continental Drive

City: Oakwood State: GA Zip: 30566

Name:

Address:

City: State: Zip:

e) Agent designated by the corporation for purposes of service:

Name: CT Corporation Systems

Address: 2 North Jackson Street, Suite 605

City: Montgomery State: AL Zip: 36104

9. If the Applicant's business entity is a Partnership, please list the general partners.

Name: Name:

Address: Address:

City: State: Zip: City: State: Zip:

10. If the Applicant's business entity is a Proprietorship, please enter the proprietor's information.

Name:

Address:

City: State: Zip:

11. Identify all Administrative Complaints, Notices of Violation, Directives, Administrative Orders, or Litigation concerning water if any, against the Applicant, its parent corporation or subsidiary corporations within the State of Alabama within the past five years (attach additional sheets if necessary):

Facility Name	Permit Number	Type of Action	Date of Action
Refer to Attachment F			

SECTION B – BUSINESS ACTIVITY

If your facility conducts or will be conducting any of the processes listed below (regardless of whether they generate wastewater, waste sludge, or hazardous waste), place a check beside the category of business activity (check all that apply):

Industrial Categories

- ☐ Aluminum Forming
- ☐ Asbestos Manufacturing
- ☐ Battery Manufacturing
- ☐ Can Making
- ☐ Canned and Preserved Fruit and Vegetables
- ☐ Canned and Preserved Seafood
- ☐ Cement Manufacturing
- ☐ Centralized Waste Treatment
- ☐ Carbon Black
- ☐ Coal Mining
- ☐ Coil Coating
- ☐ Copper Forming
- ☐ Electric and Electronic Components Manufacturing
- ☐ Electroplating
- ☐ Explosives Manufacturing
- ☐ Feedlots
- ☐ Ferroalloy Manufacturing
- ☐ Fertilizer Manufacturing
- ☐ Foundries (Metal Molding and Casting)
- ☐ Glass Manufacturing
- ☐ Grain Mills
- ☐ Gum and Wood Chemicals Manufacturing
- ☐ Inorganic Chemicals
- ☐ Iron and Steel
- ☐ Leather Tanning and Finishing
- ☐ Metal Finishing
- ☒ Meat Products
- ☐ Metal Molding and Casting
- ☐ Metal Products
- ☐ Nonferrous Metals Forming
- ☐ Nonferrous Metals Manufacturing
- ☐ Oil and Gas Extraction
- ☐ Organic Chemicals Manufacturing
- ☐ Paint and Ink Formulating
- ☐ Paving and Roofing Manufacturing
- ☐ Pesticides Manufacturing
- ☐ Petroleum Refining
- ☐ Phosphate Manufacturing
- ☐ Photographic
- ☐ Pharmaceutical
- ☐ Plastic & Synthetic Materials
- ☐ Plastics Processing Manufacturing
- ☐ Porcelain Enamel
- ☐ Pulp, Paper, and Fiberboard Manufacturing
- ☐ Rubber
- ☐ Soap and Detergent Manufacturing
- ☐ Steam and Electric
- ☐ Sugar Processing
- ☐ Textile Mills
- ☐ Timber Products
- ☐ Transportation Equipment Cleaning
- ☐ Waste Combustion
- ☐ Other (specify)_____

A facility with processes inclusive in these business areas may be covered by Environmental Protection (EPA) categorical standards. These facilities are termed "categorical users".

SECTION C – WASTEWATER DISCHARGE INFORMATION

1. Do you share an outfall with another facility? ☐ Yes ☒ No (If no, continue to C.2)

For each shared outfall, provide the following:

Applicant's Outfall No.	Name of Other Permittee/Facility	NPDES Permit No.	Where is sample collected by Applicant?

2. Do you have, or plan to have, automatic sampling equipment or continuous wastewater flow metering equipment at this facility?

Current:	Flow Metering	☒ Yes	☐ No	☐ N/A
	Sampling Equipment	☒ Yes	☐ No	☐ N/A
Planned:	Flow Metering	☐ Yes	☐ No	☐ N/A
	Sampling Equipment	☐ Yes	☐ No	☐ N/A

If so, please attach a schematic diagram of the sewer system indicating the present or future location of this equipment and describe the equipment below:

See Figure 1. An Isco 4210 Ultrasonic Flow Meter is used to measure flow, and composite samples are collected using an Isco composite sampler.

3. Are any process changes or expansions planned during the next three years that could alter wastewater volumes or characteristics?

☐ Yes ☒ No (If no, continue to C.4)

Briefly describe these changes and their anticipated effects on the wastewater volume and characteristics:

4. List the trade name and chemical composition of all biocides and corrosion inhibitors used:

Trade Name	Chemical Composition
Refer to Attachment B	

For each biocide and/or corrosion inhibitor used, please include the following information:

(1) 96-hour median tolerance limit data for organisms representative of the biota of the waterway into which the discharge will ultimately reach,
(2) quantities to be used,
(3) frequencies of use,
(4) proposed discharge concentrations, and
(5) EPA registration number, if applicable

SECTION D – WATER SUPPLY

Water Sources (check as many as are applicable):

- ■ Private Well
- ☐ Municipal Water Utility (Specify City):
- ☐ Surface Water
- ☐ Other (Specify): _____

IF MORE THAN ONE WELL OR SURFACE INTAKE, PROVIDE DATA FOR EACH ON AN ATTACHMENT

City:_____MGD* Well:_____MGD* Well Depth:_____Ft. Latitude:_____ Longitude:_____

Surface Intake Volume:_____MGD* Intake Elevation in Relation to Bottom:_____Ft.

Intake Elevation:_____Ft. Latitude:_____ Longitude:_____

Name of Surface Water Source: Refer to Attachment C

*** MGD – Million Gallons per Day**

Cooling Water Intake Structure Information

Complete D.1 and D.2 if your water supply is provided by an outside source and not by an onsite water intake structure? (e.g., another industry, municipality, etc...)

1. Does the provider of your source water operate a surface water intake? ☐ Yes ☐ No
   (If yes, continue, if no, go to Section E.)

   a) Name of Provider:_____ b) Location of Provider:_____

   c) Latitude:_____ Longitude:_____

2. Is the provider a public water system (defined as a system which provides water to the public for human consumption or which provides only treated water, not raw water)? ☐ Yes ☐ No (If yes, go to Section E, if no, continue.)

Only to be completed if you have a cooling water intake structure or the provider of your water supply uses an intake structure and does not treat the raw water.

3. Is any water withdrawn from the source water used for cooling? ☐ Yes ☐ No

4. Using the average monthly measurements over any 12-month period, approximately what percentage of water withdrawn is used exclusively for cooling purposes? _____%

5. Does the cooling water consist of treated effluent that would otherwise be discharged? ☐ Yes ☐ No
   (If yes, go to Section E, if no, complete D.6 – D.17)

6. a. Is the cooling water used in a once-through cooling system? ☐ Yes ☐ No

   b. Is the cooling water used in a closed cycle cooling system? ☐ Yes ☐ No

7. When was the intake installed? _____
   (Please provide dates for all major construction/installation of intake components including screens)

8. What is the maximum intake volume? _____
   (maximum pumping capacity in gallons per day)

9. What is the average intake volume? _____
   (average intake pump rate in gallons per day average in any 30-day period)

10. What is the actual intake flow (AIF) as defined in 40 CFR §125.92(a)? _____MGD

11. How is the intake operated? (e.g., continuously, intermittently, batch) _____

12. What is the mesh size of the screen on your intake?_____

13. What is the intake screen flow-through area?_____

14. What is the through-screen design intake flow velocity? _____ft/sec

15. What is the through-screen actual velocity (in ft/sec)? _____ft/sec

16. What is the mechanism for cleaning the screen? (e.g., does it rotate for cleaning) _____

17. Do you have any additional fish detraction technology on your intake? ☐ Yes ☐ No

18. Have there been any studies to determine the impact of the intake on aquatic organisms? ☐ Yes ☐ No (If yes, please provide.)

19. Attach a site map showing the location of the water intake in relation to the facility, shoreline, water depth, etc.

SECTION E – WASTE STORAGE AND DISPOSAL INFORMATION

Provide a description of the location of all sites involved in the storage of solids or liquids that could be accidentally discharged to a water of the state, either directly or indirectly via such avenues as storm water drainage, municipal wastewater systems, etc., which are located at the facility for which the NPDES application is being made. Where possible, the location should be noted on a map and included with this application:

Description of Waste	Description of Storage Location
Wastewater overflow from lagoons/ treatment units/ pump stations	See Figure 6

SECTION F – COASTAL ZONE INFORMATION

Is the discharge(s) located within the 10-foot elevation contour and within the limits of Mobile or Baldwin County? ☐ Yes ☒ No

If yes, complete items F.1 – F.12:

		Yes	No
1.	Does the project require new construction?	☐	☐
2.	Will the project be a source of new air emissions?	☐	☐
3.	Does the project involve dredging and/or filling of a wetland area or water way?	☐	☐
	If Yes, has the Corps of Engineers (COE) permit been received?	☐	☐
	COE Project No. _____		
4.	Does the project involve wetlands and/or submersed grassbeds?	☐	☐
5.	Are oyster reefs located near the project site?	☐	☐
	If Yes, include a map showing project and discharge location with respect to oyster reefs		
6.	Does the project involve the site development, construction and operation of an energy facility as defined in ADEM Admin. Code r. 335-8-1-.02(bb)?	☐	☐
7.	Does the project involve mitigation of shoreline or coastal area erosion?	☐	☐
8.	Does the project involve construction on beaches or dune areas?	☐	☐
9.	Will the project interfere with public access to coastal waters?	☐	☐
10.	Does the project lie within the 100-year floodplain?	☐	☐
11.	Does the project involve the registration, sale, use, or application of pesticides?	☐	☐
12.	Does the project propose or require construction of a new well or to alter an existing groundwater well to pump more than 50 gallons per day (GPD)?	☐	☐
	If yes, has the applicable permit for groundwater recovery or for groundwater well installation been obtained?	☐	☐

SECTION G – ANTI-DEGRADATION EVALUATION

In accordance with 40 CFR §131.12 and the ADEM Admin. Code r. 335-6-10-.04 for anti-degradation, the following information must be provided, if applicable. It is the applicant's responsibility to demonstrate the social and economic importance of the proposed activity. If further information is required to make this demonstration, attach additional sheets to the application.

1. Is this a new or increased discharge that began after April 3, 1991? ☒ Yes ☐ No
   If yes, complete G.2 below. If no, go to Section H.

2. Has an Anti-Degradation Analysis been previously conducted and submitted to the Department for the new or increased discharge referenced in G.1? ☒ Yes ☐ No

   If yes, do not complete this section. If no, and the discharge is to a Tier II waterbody as defined in ADEM Admin. Code r. 335-6-10-.12(4), complete G.2.A – G.2.F below and ADEM Forms 311 and 313 (attached). ADEM Form 313 must be provided for each alternative considered technically viable.

Information required for new or increased discharges to high quality waters:

A. What environmental or public health problem will the discharger be correcting?

No new/increased discharge proposed with this renewal application.

B. How much will the discharger be increasing employment (at its existing facility or as the result of locating a new facility)?

C. How much reduction in employment will the discharger be avoiding?

D. How much additional state or local taxes will the discharger be paying?

E. What public service to the community will the discharger be providing?

F. What economic or social benefit will the discharger be providing to the community?

SECTION H – EPA Application Forms

All Applicants must submit EPA permit application forms. More than one application form may be required from a facility depending on the number and types of discharges or outfalls found. The EPA application forms are found on the Department's website at http://www.adem.alabama.gov/programs/water/waterforms.cnt . The EPA application forms must be submitted in duplicate as follows:

1. All applicants must submit Form 1.
2. Applicants for existing industrial facilities (including manufacturing facilities, commercial facilities, mining activities, and silvicultural activities) which discharge process wastewater must submit Form 2C.
3. Applicants for new industrial facilities which propose to discharge process wastewater must submit Form 2D.
4. Applicants for new and existing industrial facilities which discharge only non-process wastewater (i.e., non-contact cooling water and/or sanitary wastewater) must submit Form 2E.
5. Applicants for new and existing facilities whose discharge is composed entirely of storm water associated with industrial activity must submit Form 2F, unless exempted by § 122.26(c)(1)(ii). If the discharge is composed of storm water and non-storm water, the applicant must also submit Forms 2C, 2D, and/or 2E, as appropriate (in addition to Form 2F).

SECTION I – ENGINEERING REPORT/BMP PLAN REQUIREMENTS

See ADEM 335-6-6-.08(i) & (j)

SECTION J– RECEIVING WATERS

Outfall No.	Receiving Water(s)	303(d) Segment?		Included in TMDL?*	
0011	Pea River	☒ Yes	☐ No	☐ Yes	☒ No
002	Unnamed Tributary to Pea River	☐ Yes	☒ No	☐ Yes	☒ No
003	Unnamed Tributary to Pea River	☐ Yes	☒ No	☐ Yes	☒ No
004/005/008	Unnamed Tributary to Pea River	☐ Yes	☒ No	☐ Yes	☒ No
		☐ Yes	☐ No	☐ Yes	☐ No

*If a TMDL Compliance Schedule is requested, the following should be attached as supporting documentation:

(1) Justification for the requested Compliance Schedule (e.g. time for design and installation of control equipment, etc.);

(2) Monitoring results for the pollutant(s) of concern which have not previously been submitted to the Department (sample collection dates, analytical results (mass and concentration), methods utilized, MDL/ML, etc. should be submitted as available);

(3) Requested interim limitations, if applicable;

(4) Date of final compliance with the TMDL limitations; and,

(5) Any other additional information available to support requested compliance schedule.

SECTION K – APPLICATION CERTIFICATION

The information contained in this form must be certified by a responsible official as defined in ADEM Administrative Code r. 335-6-6-.09 "signatories to permit applications and reports" (see below).

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

Signature of Responsible Official: Kevin McDaniel Date Signed: 11/9/21

Name: Kevin McDaniel Title: Chief Operating Officer

If the Responsible Official signing this application is <u>not</u> identified in Section A.7, provide the following information:

Mailing Address: 4110 Continental Drive

City: Oakwood State: Georgia Zip: 30566

Phone Number: (800) 392-0844 Email Address: kevin.mcdaniel@waynefarms.com

335-6-6-.09 SIGNATORIES TO PERMIT APPLICATIONS AND REPORTS.

(1) The application for an NPDES permit shall be signed by a responsible official, as indicated below:

(a) In the case of a corporation, by a principal executive officer of at least the level of vice president, or a manager assigned or delegated in accordance with corporate procedures, with such delegation submitted in writing if required by the Department, who is responsible for manufacturing, production, or operating facilities and is authorized to make management decisions which govern the operation of the regulated facility;

(b) In the case of a partnership, by a general partner;

(c) In the case of a sole proprietorship, by the proprietor; or

(d) In the case of a municipal, state, federal, or other public entity, by either a principal executive officer, or ranking elected official.

EPA Identification Number	NPDES Permit Number	Facility Name	Form Approved 03/05/19 OMB No. 2040-0004
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	

Form 1 NPDES

EPA

U.S. Environmental Protection Agency
Application for NPDES Permit to Discharge Wastewater

GENERAL INFORMATION

SECTION 1. ACTIVITIES REQUIRING AN NPDES PERMIT (40 CFR 122.21(f) and (f)(1))

Activities Requiring an NPDES Permit

1.1 Applicants *Not Required* to Submit Form 1

1.1.1	Is the facility a new or existing **publicly owned treatment works**? If yes, STOP. Do NOT complete Form 1. Complete Form 2A. ☑ No	1.1.2	Is the facility a new or existing **treatment works treating domestic sewage**? If yes, STOP. Do NOT complete Form 1. Complete Form 2S. ☑ No

1.2 Applicants *Required* to Submit Form 1

1.2.1	Is the facility a **concentrated animal feeding operation** or a **concentrated aquatic animal production facility**? ☐ Yes → Complete Form 1 ***and*** Form 2B. ☑ No	1.2.2	Is the facility an **existing** manufacturing, commercial, mining, or silvicultural **facility** that **is currently discharging process wastewater**? ☑ Yes → Complete Form 1 ***and*** Form 2C. ☐ No
1.2.3	Is the facility a **new** manufacturing, commercial, mining, or silvicultural **facility** that has **not yet commenced to discharge**? ☐ Yes → Complete Form 1 ***and*** Form 2D. ☑ No	1.2.4	Is the facility a **new or existing** manufacturing, commercial, mining, or silvicultural **facility** that **discharges only nonprocess wastewater**? ☐ Yes → Complete Form 1 ***and*** Form 2E. ☑ No
1.2.5	Is the facility a **new or existing facility** whose discharge is composed entirely of **stormwater associated with industrial activity** or whose discharge is composed of **both stormwater and non-stormwater**? ☑ Yes → Complete Form 1 ***and*** Form 2F unless exempted by 40 CFR 122.26(b)(14)(x) or (b)(15). ☐ No		

SECTION 2. NAME, MAILING ADDRESS, AND LOCATION (40 CFR 122.21(f)(2))

Name, Mailing Address, and Location

2.1 Facility Name

Wayne Farms LLC - Jack Facility

2.2 EPA Identification Number

110006795441

2.3 Facility Contact

Name (first and last)	Title	Phone number
Brandy Mount	Area Environmental Compliance Manager	(334) 853-0914

Email address
Brandy.Mount@waynefarms.com

2.4 Facility Mailing Address

Street or P.O. box
1020 County Road 114

City or town	State	ZIP code
Jack	AL	36346

EPA Identification Number	NPDES Permit Number	Facility Name	Form Approved 03/05/19 OMB No. 2040-0004
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	

Name, Mailing Address, and Location Continued

2.5	**Facility Location**		
	Street, route number, or other specific identifier 1020 County Road 114		
	County name Coffee County	County code (if known) 01031	
	City or town Jack	State AL	ZIP code 36346

SECTION 3. SIC AND NAICS CODES (40 CFR 122.21(f)(3))

SIC and NAICS Codes

3.1	SIC Code(s)	Description (optional)
	2015	Poultry Slaughtering and Processing
	4212	Local Trucking Without Storage

3.2	NAICS Code(s)	Description (optional)
	311615	Poultry Processing
	484110	General Freight Trucking, Local

SECTION 4. OPERATOR INFORMATION (40 CFR 122.21(f)(4))

Operator Information

4.1	**Name of Operator**
	Wayne Farms LLC
4.2	Is the name you listed in Item 4.1 also the owner? ☑ Yes ☐ No
4.3	**Operator Status** ☐ Public—federal ☐ Public—state ☐ Other public (specify)_____ ☑ Private ☐ Other (specify) _____
4.4	**Phone Number of Operator**
	(800) 392-0844

Operator Information Continued

4.5	**Operator Address**		
	Street or P.O. Box 4110 Continental Drive		
	City or town Oakwood	State Georgia	ZIP code 30566
	Email address of operator kevin.mcdaniel@waynefarms.com		

SECTION 5. INDIAN LAND (40 CFR 122.21(f)(5))

Indian Land

5.1	Is the facility located on Indian Land? ☐ Yes ☑ No

EPA Identification Number	NPDES Permit Number	Facility Name	Form Approved 03/05/19 OMB No. 2040-0004
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	

SECTION 6. EXISTING ENVIRONMENTAL PERMITS (40 CFR 122.21(f)(6))

Existing Environmental Permits

6.1 **Existing Environmental Permits** (check all that apply and print or type the corresponding permit number for each)

☑ NPDES (discharges to surface water) AL0028860	☐ RCRA (hazardous wastes)	☐ UIC (underground injection of fluids)
☐ PSD (air emissions)	☐ Nonattainment program (CAA)	☐ NESHAPs (CAA)
☐ Ocean dumping (MPRSA)	☐ Dredge or fill (CWA Section 404)	☑ Other (specify) Refer to Attachment A

SECTION 7. MAP (40 CFR 122.21(f)(7))

Map

7.1 Have you attached a topographic map containing all required information to this application? (See instructions for specific requirements.)

☑ Yes ☐ No ☐ CAFO—Not Applicable (See requirements in Form 2B.)

SECTION 8. NATURE OF BUSINESS (40 CFR 122.21(f)(8))

Nature of Business

8.1 Describe the nature of your business.

The Fresh Processing Plant receives live broilers (chickens) via truck that are then slaughtered, eviscerated, and processed into various fresh and frozen chicken meat products. These products are shipped from the Facility to end users (supermarkets, fast food stores, etc.), distributors, further processors, etc. for sale, further processing and/or consumption.

SECTION 9. COOLING WATER INTAKE STRUCTURES (40 CFR 122.21(f)(9))

Cooling Water Intake Structures

9.1 Does your facility use cooling water?

☑ Yes ☐ No ➔ SKIP to Item 10.1.

9.2 Identify the source of cooling water. (Note that facilities that use a cooling water intake structure as described at 40 CFR 125, Subparts I and J may have additional application requirements at 40 CFR 122.21(r). Consult with your NPDES permitting authority to determine what specific information needs to be submitted and when.)

Cooling water used in condensers for refrigeration systems and supplied by potable groundwater production wells.

SECTION 10. VARIANCE REQUESTS (40 CFR 122.21(f)(10))

Variance Requests

10.1 Do you intend to request or renew one or more of the variances authorized at 40 CFR 122.21(m)? (Check all that apply. Consult with your NPDES permitting authority to determine what information needs to be submitted and when.)

☐ Fundamentally different factors (CWA Section 301(n))	☐ Water quality related effluent limitations (CWA Section 302(b)(2))
☐ Non-conventional pollutants (CWA Section 301(c) and (g))	☐ Thermal discharges (CWA Section 316(a))
☑ Not applicable	

EPA Identification Number	NPDES Permit Number	Facility Name	Form Approved 03/05/19 OMB No. 2040-0004
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	

SECTION 11. CHECKLIST AND CERTIFICATION STATEMENT (40 CFR 122.22(a) and (d))

Checklist and Certification Statement

11.1 In Column 1 below, mark the sections of Form 1 that you have completed and are submitting with your application. For each section, specify in Column 2 any attachments that you are enclosing to alert the permitting authority. Note that not all applicants are required to provide attachments.

Column 1	Column 2
☑ Section 1: Activities Requiring an NPDES Permit	☐ w/ attachments
☑ Section 2: Name, Mailing Address, and Location	☐ w/ attachments
☑ Section 3: SIC Codes	☐ w/ attachments
☑ Section 4: Operator Information	☐ w/ attachments
☑ Section 5: Indian Land	☐ w/ attachments
☑ Section 6: Existing Environmental Permits	☑ w/ attachments
☑ Section 7: Map	☑ w/ topographic map ☐ w/ additional attachments
☑ Section 8: Nature of Business	☐ w/ attachments
☑ Section 9: Cooling Water Intake Structures	☐ w/ attachments
☑ Section 10: Variance Requests	☐ w/ attachments
☑ Section 11: Checklist and Certification Statement	☐ w/ attachments

11.2 **Certification Statement**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name (print or type first and last name)	Official title
Kevin McDaniel	Chief Operating Officer
Signature: Kevin McDaniel	Date signed: 11/9/21

EPA Identification Number	NPDES Permit Number	Facility Name	Form Approved 03/05/19
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	OMB No. 2040-0004

Form 2C NPDES | **EPA**

U.S. Environmental Protection Agency
Application for NPDES Permit to Discharge Wastewater
EXISTING MANUFACTURING, COMMERCIAL, MINING, AND SILVICULTURE OPERATIONS

SECTION 1. OUTFALL LOCATION (40 CFR 122.21(g)(1))

Outfall Location

1.1 Provide information on each of the facility's outfalls in the table below.

Outfall Number	Receiving Water Name	Latitude	Longitude
0011	Pea River	31° 29′ 45″	85° 53′ 26″
		° ′ ″	° ′ ″
		° ′ ″	° ′ ″

SECTION 2. LINE DRAWING (40 CFR 122.21(g)(2))

Line Drawing

2.1 Have you attached a line drawing to this application that shows the water flow through your facility with a water balance? (See instructions for drawing requirements. See Exhibit 2C–1 at end of instructions for example.)

☑ Yes ☐ No

SECTION 3. AVERAGE FLOWS AND TREATMENT (40 CFR 122.21(g)(3))

Average Flows and Treatment

3.1 For each outfall identified under Item 1.1, provide average flow and treatment information. Add additional sheets if necessary.

****Outfall Number**** 0011

Operations Contributing to Flow

Operation	Average Flow
Process Wastewater	2.11 mgd
See Figure 2 for diagram of major water use operations	mgd
	mgd
	mgd

Treatment Units

Description (include size, flow rate through each treatment unit, retention time, etc.)	Code from Table 2C-1	Final Disposal of Solid or Liquid Wastes Other Than by Discharge
Screening, Anaerobic Lagoon,	1-T, 3-C	Land Application
Activated Sludge Nitrification-Denitrification, Clarification,	3-A, 3-D, 1-U	Solids Wasted to Lagoon 1
Tertiary Filter, Stabilization Lagoons,	1-Q, 3-G	See Figure 1 for more details
UV Disinfection, Cascade Aeration	2-H, 3-E	

Average Flows and Treatment Continued

3.1 cont.

****Outfall Number**** _____

Operations Contributing to Flow

Operation	Average Flow
	mgd
	mgd
	mgd
	mgd

Treatment Units

Description (include size, flow rate through each treatment unit, retention time, etc.)	Code from Table 2C-1	Final Disposal of Solid or Liquid Wastes Other Than by Discharge

****Outfall Number**** _____

Operations Contributing to Flow

Operation	Average Flow
	mgd
	mgd
	mgd
	mgd

Treatment Units

Description (include size, flow rate through each treatment unit, retention time, etc.)	Code from Table 2C-1	Final Disposal of Solid or Liquid Wastes Other Than by Discharge

System Users

3.2 Are you applying for an NPDES permit to operate a privately owned treatment works?

☐ Yes ☑ No ➔ SKIP to Section 4.

3.3 Have you attached a list that identifies each user of the treatment works?

☐ Yes ☐ No

SECTION 4. INTERMITTENT FLOWS (40 CFR 122.21(g)(4))

Intermittent Flows

4.1 Except for storm runoff, leaks, or spills, are any discharges described in Sections 1 and 3 intermittent or seasonal?

☐ Yes ☑ No ➔ SKIP to Section 5.

4.2 Provide information on intermittent or seasonal flows for each applicable outfall. Attach additional pages, if necessary.

Outfall Number	Operation (list)	Frequency		Flow Rate		Duration
		Average Days/Week	Average Months/Year	Long-Term Average	Maximum Daily	
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days

SECTION 5. PRODUCTION (40 CFR 122.21(g)(5))

Applicable ELGs

5.1 Do any effluent limitation guidelines (ELGs) promulgated by EPA under Section 304 of the CWA apply to your facility?

☑ Yes ☐ No ➔ SKIP to Section 6.

5.2 Provide the following information on applicable ELGs.

ELG Category	ELG Subcategory	Regulatory Citation
432	K	40 CFR 432.110-421.117
432	L	40 CFR 432.120-432.127

Production-Based Limitations

5.3 Are any of the applicable ELGs expressed in terms of production (or other measure of operation)?

☐ Yes ☑ No ➔ SKIP to Section 6.

5.4 Provide an actual measure of daily production expressed in terms and units of applicable ELGs.

Outfall Number	Operation, Product, or Material	Quantity per Day	Unit of Measure

SECTION 6. IMPROVEMENTS (40 CFR 122.21(g)(6))

Upgrades and Improvements

6.1 Are you presently required by any federal, state, or local authority to meet an implementation schedule for constructing, upgrading, or operating wastewater treatment equipment or practices or any other environmental programs that could affect the discharges described in this application?

☐ Yes ☑ No ➔ SKIP to Item 6.3.

6.2 Briefly identify each applicable project in the table below.

Brief Identification and Description of Project	Affected Outfalls (list outfall number)	Source(s) of Discharge	Final Compliance Dates	
			Required	Projected

6.3 Have you attached sheets describing any additional water pollution control programs (or other environmental projects that may affect your discharges) that you now have underway or planned? *(optional item)*

☐ Yes ☑ No ☐ Not applicable

SECTION 7. EFFLUENT AND INTAKE CHARACTERISTICS (40 CFR 122.21(g)(7))

Effluent and Intake Characteristics

See the instructions to determine the pollutants and parameters you are required to monitor and, in turn, the tables you must complete. Not all applicants need to complete each table.

Table A. Conventional and Non-Conventional Pollutants

7.1 Are you requesting a waiver from your NPDES permitting authority for one or more of the Table A pollutants for any of your outfalls?

☐ Yes ☑ No ➔ SKIP to Item 7.3.

7.2 If yes, indicate the applicable outfalls below. Attach waiver request and other required information to the application.

Outfall Number _____ Outfall Number _____ Outfall Number _____

7.3 Have you completed monitoring for all Table A pollutants at each of your outfalls for which a waiver has not been requested and attached the results to this application package?

☑ Yes ☐ No; a waiver has been requested from my NPDES permitting authority for all pollutants at all outfalls.

Table B. Toxic Metals, Cyanide, Total Phenols, and Organic Toxic Pollutants

7.4 Do any of the facility's processes that contribute wastewater fall into one or more of the primary industry categories listed in Exhibit 2C-3? (See end of instructions for exhibit.)

☐ Yes ☑ No ➔ SKIP to Item 7.8.

7.5 Have you checked "Testing Required" for all toxic metals, cyanide, and total phenols in Section 1 of Table B?

☐ Yes ☐ No

7.6 List the applicable primary industry categories and check the boxes indicating the required GC/MS fraction(s) identified in Exhibit 2C-3.

Primary Industry Category	Required GC/MS Fraction(s) (Check applicable boxes.)			
	☐ Volatile	☐ Acid	☐ Base/Neutral	☐ Pesticide
	☐ Volatile	☐ Acid	☐ Base/Neutral	☐ Pesticide
	☐ Volatile	☐ Acid	☐ Base/Neutral	☐ Pesticide

Effluent and Intake Characteristics Continued

7.7	Have you checked "Testing Required" for all required pollutants in Sections 2 through 5 of Table B for each of the GC/MS fractions checked in Item 7.6? ☐ Yes ☐ No
7.8	Have you checked "Believed Present" or "Believed Absent" for all pollutants listed in Sections 1 through 5 of Table B where testing is not required? ☑ Yes ☐ No
7.9	Have you provided (1) quantitative data for those Section 1, Table B, pollutants for which you have indicated testing is required or (2) quantitative data or other required information for those Section 1, Table B, pollutants that you have indicated are "Believed Present" in your discharge? ☑ Yes ☐ No
7.10	Does the applicant qualify for a small business exemption under the criteria specified in the instructions? ☐ Yes ➔ Note that you qualify at the top of Table B, then SKIP to Item 7.12. ☑ No
7.11	Have you provided (1) quantitative data for those Sections 2 through 5, Table B, pollutants for which you have determined testing is required or (2) quantitative data or an explanation for those Sections 2 through 5, Table B, pollutants you have indicated are "Believed Present" in your discharge? ☑ Yes ☐ No
Table C. Certain Conventional and Non-Conventional Pollutants	
7.12	Have you indicated whether pollutants are "Believed Present" or "Believed Absent" for all pollutants listed on Table C for all outfalls? ☑ Yes ☐ No
7.13	Have you completed Table C by providing (1) quantitative data for those pollutants that are limited either directly or indirectly in an ELG and/or (2) quantitative data or an explanation for those pollutants for which you have indicated "Believed Present"? ☑ Yes ☐ No
Table D. Certain Hazardous Substances and Asbestos	
7.14	Have you indicated whether pollutants are "Believed Present" or "Believed Absent" for all pollutants listed in Table D for all outfalls? ☑ Yes ☐ No
7.15	Have you completed Table D by (1) describing the reasons the applicable pollutants are expected to be discharged and (2) by providing quantitative data, if available? ☑ Yes ☐ No
Table E. 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (2,3,7,8-TCDD)	
7.16	Does the facility use or manufacture one or more of the 2,3,7,8-TCDD congeners listed in the instructions, or do you know or have reason to believe that TCDD is or may be present in the effluent? ☐ Yes ➔ Complete Table E. ☑ No ➔ SKIP to Section 8.
7.17	Have you completed Table E by reporting *qualitative* data for TCDD? ☐ Yes ☐ No

SECTION 8. USED OR MANUFACTURED TOXICS (40 CFR 122.21(g)(9))

Used or Manufactured Toxics

8.1	Is any pollutant listed in Table B a substance or a component of a substance used or manufactured at your facility as an intermediate or final product or byproduct? ☐ Yes ☑ No ➔ SKIP to Section 9.
8.2	List the pollutants below.

1.	4.	7.
2.	5.	8.
3.	6.	9.

SECTION 9. BIOLOGICAL TOXICITY TESTS (40 CFR 122.21(g)(11))

Biological Toxicity Tests

9.1 Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made within the last three years on (1) any of your discharges or (2) on a receiving water in relation to your discharge?

☐ Yes ☑ No → SKIP to Section 10.

9.2 Identify the tests and their purposes below.

Test(s)	Purpose of Test(s)	Submitted to NPDES Permitting Authority?	Date Submitted
		☐ Yes ☐ No	
		☐ Yes ☐ No	
		☐ Yes ☐ No	

SECTION 10. CONTRACT ANALYSES (40 CFR 122.21(g)(12))

Contract Analyses

10.1 Were any of the analyses reported in Section 7 performed by a contract laboratory or consulting firm?

☑ Yes ☐ No → SKIP to Section 11.

10.2 Provide information for each contract laboratory or consulting firm below.

	Laboratory Number 1	Laboratory Number 2	Laboratory Number 3
Name of laboratory/firm	Allied Environmental		
Laboratory address	306 Church Street Ashford, AL 36312		
Phone number	(334) 899-7642		
Pollutant(s) analyzed	BOD, TSS, Ammonia, Total Organic-N, NO2+NO3-N, O&G, Fecal Coliform, Surfactants, COD, Sulfate, Sulfide, TOC, Metals		

SECTION 11. ADDITIONAL INFORMATION (40 CFR 122.21(g)(13))

Additional Information

11.1 Has the NPDES permitting authority requested additional information?

☐ Yes ☑ No → SKIP to Section 12.

11.2 List the information requested and attach it to this application.

1.	4.
2.	5.
3.	6.

EPA Identification Number	NPDES Permit Number	Facility Name	Form Approved 03/05/19 OMB No. 2040-0004
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	

SECTION 12. CHECKLIST AND CERTIFICATION STATEMENT (40 CFR 122.22(a) and (d))

Checklist and Certification Statement

12.1 In Column 1 below, mark the sections of Form 2C that you have completed and are submitting with your application. For each section, specify in Column 2 any attachments that you are enclosing to alert the permitting authority. Note that not all applicants are required to complete all sections or provide attachments.

Column 1	Column 2			
☑ Section 1: Outfall Location	☐ w/ attachments			
☑ Section 2: Line Drawing	☑ w/ line drawing		☑ w/ additional attachments	
☑ Section 3: Average Flows and Treatment	☑ w/ attachments		☐ w/ list of each user of privately owned treatment works	
☑ Section 4: Intermittent Flows	☐ w/ attachments			
☑ Section 5: Production	☐ w/ attachments			
☑ Section 6: Improvements	☐ w/ attachments		☐ w/ optional additional sheets describing any additional pollution control plans	
☑ Section 7: Effluent and Intake Characteristics	☐ w/ request for a waiver and supporting information		☐ w/ explanation for identical outfalls	
	☐ w/ small business exemption request		☐ w/ other attachments	
	☑ w/ Table A		☑ w/ Table B	
	☑ w/ Table C		☑ w/ Table D	
	☑ w/ Table E		☐ w/ analytical results as an attachment	
☑ Section 8: Used or Manufactured Toxics	☐ w/ attachments			
☑ Section 9: Biological Toxicity Tests	☐ w/ attachments			
☑ Section 10: Contract Analyses	☐ w/ attachments			
☑ Section 11: Additional Information	☐ w/ attachments			
☑ Section 12: Checklist and Certification Statement	☐ w/ attachments			

12.2 **Certification Statement**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name (print or type first and last name)	Official title
Kevin McDaniel	Chief Operating Officer
Signature Kevin McDaniel	**Date signed** 11/9/21

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	0011

Form Approved 03/05/19
OMB No. 2040-0004

TABLE A. CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(iii))[1]

	Pollutant	Waiver Requested (if applicable)	Units (specify)		Effluent: Maximum Daily Discharge (required)	Effluent: Maximum Monthly Discharge (if available)	Effluent: Long-Term Average Daily Discharge (if available)	Effluent: Number of Analyses	Intake (Optional): Long-Term Average Value	Intake (Optional): Number of Analyses
☐	Check here if you have applied to your NPDES permitting authority for a waiver for *all* of the pollutants listed on this table for the noted outfall.									
1.	Biochemical oxygen demand (BOD_5)	☐	Concentration	mg/L	7.14	3.89	2.13	102		
			Mass	lbs/day	133.39	60.62	38.06	102		
2.	Chemical oxygen demand (COD)	☐	Concentration	mg/L	11.1		10.2	3		
			Mass	lbs/day	237.95		193.40	3		
3.	Total organic carbon (TOC)	☐	Concentration	mg/L	6.6		6.3	3		
			Mass	lbs/day	140.92		119.18	3		
4.	Total suspended solids (TSS)	☐	Concentration	mg/L	11.20	4.60	2.30	102		
			Mass	lbs/day	176.54	72.33	39.56	102		
5.	Ammonia (as N)	☐	Concentration	mg/L	5.86	0.57	0.21	154		
			Mass	lbs/day	107.52	10.81	3.88	154		
6.	Flow	☐	Rate	MGD	3.54	2.37	2.10	354		
7.	Temperature (winter)	☐	°C	°C	25.9	21.8	18.8	62		
	Temperature (summer)	☐	°C	°C	34.6	27.6	25.1	122		
8.	pH (minimum)	☐	Standard units	s.u.	7.09	7.38	7.57	254		
	pH (maximum)	☐	Standard units	s.u.	8.15	7.80	7.57	254		

[1] Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	0011

Form Approved 03/05/19
OMB No. 2040-0004

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))[1]

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
☐	Check here if you qualify as a small business per the instructions to Form 2C and, therefore, do not need to submit quantitative data for any of the organic toxic pollutants in Sections 2 through 5 of this table. Note, however, that you must still indicate in the appropriate column of this table if you believe any of the pollutants listed are present in your discharge.											
Section 1. Toxic Metals, Cyanide, and Total Phenols												
1.1	Antimony, total (7440-36-0)	☐	☐	☑	Concentration							
					Mass							
1.2	Arsenic, total (7440-38-2)	☐	☐	☑	Concentration							
					Mass							
1.3	Beryllium, total (7440-41-7)	☐	☐	☑	Concentration							
					Mass							
1.4	Cadmium, total (7440-43-9)	☐	☐	☑	Concentration							
					Mass							
1.5	Chromium, total (7440-47-3)	☐	☐	☑	Concentration							
					Mass							
1.6	Copper, total (7440-50-8)	☐	☑	☐	Concentration	mg/L	0.008		0.0065	3		
					Mass	lbs/day	0.184		0.1260	3		
1.7	Lead, total (7439-92-1)	☐	☐	☑	Concentration							
					Mass							
1.8	Mercury, total (7439-97-6)	☐	☐	☑	Concentration							
					Mass							
1.9	Nickel, total (7440-02-0)	☐	☐	☑	Concentration							
					Mass							
1.10	Selenium, total (7782-49-2)	☐	☐	☑	Concentration							
					Mass							
1.11	Silver, total (7440-22-4)	☐	☐	☑	Concentration							
					Mass							

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	0011

Form Approved 03/05/19
OMB No. 2040-0004

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))[1]

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
1.12	Thallium, total (7440-28-0)	☐	☐	☑	Concentration							
					Mass							
1.13	Zinc, total (7440-66-6)	☐	☑	☐	Concentration	mg/L	0.014		0.010	3		
					Mass	lbs/day	0.319		0.203	3		
1.14	Cyanide, total (57-12-5)	☐	☐	☑	Concentration							
					Mass							
1.15	Phenols, total	☐	☐	☑	Concentration							
					Mass							
Section 2. Organic Toxic Pollutants (GC/MS Fraction—Volatile Compounds)												
2.1	Acrolein (107-02-8)	☐	☐	☑	Concentration							
					Mass							
2.2	Acrylonitrile (107-13-1)	☐	☐	☑	Concentration							
					Mass							
2.3	Benzene (71-43-2)	☐	☐	☑	Concentration							
					Mass							
2.4	Bromoform (75-25-2)	☐	☐	☑	Concentration							
					Mass							
2.5	Carbon tetrachloride (56-23-5)	☐	☐	☑	Concentration							
					Mass							
2.6	Chlorobenzene (108-90-7)	☐	☐	☑	Concentration							
					Mass							
2.7	Chlorodibromomethane (124-48-1)	☐	☐	☑	Concentration							
					Mass							
2.8	Chloroethane (75-00-3)	☐	☐	☑	Concentration							
					Mass							

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	0011

Form Approved 03/05/19
OMB No. 2040-0004

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))[1]

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
2.9	2-chloroethylvinyl ether (110-75-8)	☐	☐	☑	Concentration							
					Mass							
2.10	Chloroform (67-66-3)	☐	☐	☑	Concentration							
					Mass							
2.11	Dichlorobromomethane (75-27-4)	☐	☐	☑	Concentration							
					Mass							
2.12	1,1-dichloroethane (75-34-3)	☐	☐	☑	Concentration							
					Mass							
2.13	1,2-dichloroethane (107-06-2)	☐	☐	☑	Concentration							
					Mass							
2.14	1,1-dichloroethylene (75-35-4)	☐	☐	☑	Concentration							
					Mass							
2.15	1,2-dichloropropane (78-87-5)	☐	☐	☑	Concentration							
					Mass							
2.16	1,3-dichloropropylene (542-75-6)	☐	☐	☑	Concentration							
					Mass							
2.17	Ethylbenzene (100-41-4)	☐	☐	☑	Concentration							
					Mass							
2.18	Methyl bromide (74-83-9)	☐	☐	☑	Concentration							
					Mass							
2.19	Methyl chloride (74-87-3)	☐	☐	☑	Concentration							
					Mass							
2.20	Methylene chloride (75-09-2)	☐	☐	☑	Concentration							
					Mass							
2.21	1,1,2,2- tetrachloroethane (79-34-5)	☐	☐	☑	Concentration							
					Mass							

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	0011

Form Approved 03/05/19
OMB No. 2040-0004

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	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
2.22	Tetrachloroethylene (127-18-4)	☐	☐	☑	Concentration							
					Mass							
2.23	Toluene (108-88-3)	☐	☐	☑	Concentration							
					Mass							
2.24	1,2-trans-dichloroethylene (156-60-5)	☐	☐	☑	Concentration							
					Mass							
2.25	1,1,1-trichloroethane (71-55-6)	☐	☐	☑	Concentration							
					Mass							
2.26	1,1,2-trichloroethane (79-00-5)	☐	☐	☑	Concentration							
					Mass							
2.27	Trichloroethylene (79-01-6)	☐	☐	☑	Concentration							
					Mass							
2.28	Vinyl chloride (75-01-4)	☐	☐	☑	Concentration							
					Mass							
Section 3. Organic Toxic Pollutants (GC/MS Fraction—Acid Compounds)												
3.1	2-chlorophenol (95-57-8)	☐	☐	☑	Concentration							
					Mass							
3.2	2,4-dichlorophenol (120-83-2)	☐	☐	☑	Concentration							
					Mass							
3.3	2,4-dimethylphenol (105-67-9)	☐	☐	☑	Concentration							
					Mass							
3.4	4,6-dinitro-o-cresol (534-52-1)	☐	☐	☑	Concentration							
					Mass							
3.5	2,4-dinitrophenol (51-28-5)	☐	☐	☑	Concentration							
					Mass							

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	0011

Form Approved 03/05/19
OMB No. 2040-0004

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))[1]

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
3.6	2-nitrophenol (88-75-5)	☐	☐	☑	Concentration							
					Mass							
3.7	4-nitrophenol (100-02-7)	☐	☐	☑	Concentration							
					Mass							
3.8	p-chloro-m-cresol (59-50-7)	☐	☐	☑	Concentration							
					Mass							
3.9	Pentachlorophenol (87-86-5)	☐	☐	☑	Concentration							
					Mass							
3.10	Phenol (108-95-2)	☐	☐	☑	Concentration							
					Mass							
3.11	2,4,6-trichlorophenol (88-05-2)	☐	☐	☑	Concentration							
					Mass							
Section 4. Organic Toxic Pollutants (GC/MS Fraction—Base /Neutral Compounds)												
4.1	Acenaphthene (83-32-9)	☐	☐	☑	Concentration							
					Mass							
4.2	Acenaphthylene (208-96-8)	☐	☐	☑	Concentration							
					Mass							
4.3	Anthracene (120-12-7)	☐	☐	☑	Concentration							
					Mass							
4.4	Benzidine (92-87-5)	☐	☐	☑	Concentration							
					Mass							
4.5	Benzo (a) anthracene (56-55-3)	☐	☐	☑	Concentration							
					Mass							
4.6	Benzo (a) pyrene (50-32-8)	☐	☐	☑	Concentration							
					Mass							

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	0011

Form Approved 03/05/19
OMB No. 2040-0004

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))[1]

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
4.7	3,4-benzofluoranthene (205-99-2)	☐	☐	☑	Concentration							
					Mass							
4.8	Benzo (ghi) perylene (191-24-2)	☐	☐	☑	Concentration							
					Mass							
4.9	Benzo (k) fluoranthene (207-08-9)	☐	☐	☑	Concentration							
					Mass							
4.10	Bis (2-chloroethoxy) methane (111-91-1)	☐	☐	☑	Concentration							
					Mass							
4.11	Bis (2-chloroethyl) ether (111-44-4)	☐	☐	☑	Concentration							
					Mass							
4.12	Bis (2-chloroisopropyl) ether (102-80-1)	☐	☐	☑	Concentration							
					Mass							
4.13	Bis (2-ethylhexyl) phthalate (117-81-7)	☐	☐	☑	Concentration							
					Mass							
4.14	4-bromophenyl phenyl ether (101-55-3)	☐	☐	☑	Concentration							
					Mass							
4.15	Butyl benzyl phthalate (85-68-7)	☐	☐	☑	Concentration							
					Mass							
4.16	2-chloronaphthalene (91-58-7)	☐	☐	☑	Concentration							
					Mass							
4.17	4-chlorophenyl phenyl ether (7005-72-3)	☐	☐	☑	Concentration							
					Mass							
4.18	Chrysene (218-01-9)	☐	☐	☑	Concentration							
					Mass							
4.19	Dibenzo (a,h) anthracene (53-70-3)	☐	☐	☑	Concentration							
					Mass							

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	0011

Form Approved 03/05/19
OMB No. 2040-0004

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))[1]

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
4.20	1,2-dichlorobenzene (95-50-1)	☐	☐	☑	Concentration							
					Mass							
4.21	1,3-dichlorobenzene (541-73-1)	☐	☐	☑	Concentration							
					Mass							
4.22	1,4-dichlorobenzene (106-46-7)	☐	☐	☑	Concentration							
					Mass							
4.23	3,3-dichlorobenzidine (91-94-1)	☐	☐	☑	Concentration							
					Mass							
4.24	Diethyl phthalate (84-66-2)	☐	☐	☑	Concentration							
					Mass							
4.25	Dimethyl phthalate (131-11-3)	☐	☐	☑	Concentration							
					Mass							
4.26	Di-n-butyl phthalate (84-74-2)	☐	☐	☑	Concentration							
					Mass							
4.27	2,4-dinitrotoluene (121-14-2)	☐	☐	☑	Concentration							
					Mass							
4.28	2,6-dinitrotoluene (606-20-2)	☐	☐	☑	Concentration							
					Mass							
4.29	Di-n-octyl phthalate (117-84-0)	☐	☐	☑	Concentration							
					Mass							
4.30	1,2-Diphenylhydrazine (as azobenzene) (122-66-7)	☐	☐	☑	Concentration							
					Mass							
4.31	Fluoranthene (206-44-0)	☐	☐	☑	Concentration							
					Mass							
4.32	Fluorene (86-73-7)	☐	☐	☑	Concentration							
					Mass							

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	0011

Form Approved 03/05/19
OMB No. 2040-0004

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	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
4.33	Hexachlorobenzene (118-74-1)	☐	☐	☑	Concentration							
					Mass							
4.34	Hexachlorobutadiene (87-68-3)	☐	☐	☑	Concentration							
					Mass							
4.35	Hexachlorocyclopentadiene (77-47-4)	☐	☐	☑	Concentration							
					Mass							
4.36	Hexachloroethane (67-72-1)	☐	☐	☑	Concentration							
					Mass							
4.37	Indeno (1,2,3-cd) pyrene (193-39-5)	☐	☐	☑	Concentration							
					Mass							
4.38	Isophorone (78-59-1)	☐	☐	☑	Concentration							
					Mass							
4.39	Naphthalene (91-20-3)	☐	☐	☑	Concentration							
					Mass							
4.40	Nitrobenzene (98-95-3)	☐	☐	☑	Concentration							
					Mass							
4.41	N-nitrosodimethylamine (62-75-9)	☐	☐	☑	Concentration							
					Mass							
4.42	N-nitrosodi-n-propylamine (621-64-7)	☐	☐	☑	Concentration							
					Mass							
4.43	N-nitrosodiphenylamine (86-30-6)	☐	☐	☑	Concentration							
					Mass							
4.44	Phenanthrene (85-01-8)	☐	☐	☑	Concentration							
					Mass							
4.45	Pyrene (129-00-0)	☐	☐	☑	Concentration							
					Mass							

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))[1]

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
4.46	1,2,4-trichlorobenzene (120-82-1)	☐	☐	☑	Concentration							
					Mass							
Section 5. Organic Toxic Pollutants (GC/MS Fraction—Pesticides)												
5.1	Aldrin (309-00-2)	☐	☐	☑	Concentration							
					Mass							
5.2	α-BHC (319-84-6)	☐	☐	☑	Concentration							
					Mass							
5.3	β-BHC (319-85-7)	☐	☐	☑	Concentration							
					Mass							
5.4	γ-BHC (58-89-9)	☐	☐	☑	Concentration							
					Mass							
5.5	δ-BHC (319-86-8)	☐	☐	☑	Concentration							
					Mass							
5.6	Chlordane (57-74-9)	☐	☐	☑	Concentration							
					Mass							
5.7	4,4'-DDT (50-29-3)	☐	☐	☑	Concentration							
					Mass							
5.8	4,4'-DDE (72-55-9)	☐	☐	☑	Concentration							
					Mass							
5.9	4,4'-DDD (72-54-8)	☐	☐	☑	Concentration							
					Mass							
5.10	Dieldrin (60-57-1)	☐	☐	☑	Concentration							
					Mass							
5.11	α-endosulfan (115-29-7)	☐	☐	☑	Concentration							
					Mass							

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	0011

Form Approved 03/05/19
OMB No. 2040-0004

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))[1]

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
5.12	β-endosulfan (115-29-7)	☐	☐	☑	Concentration							
					Mass							
5.13	Endosulfan sulfate (1031-07-8)	☐	☐	☑	Concentration							
					Mass							
5.14	Endrin (72-20-8)	☐	☐	☑	Concentration							
					Mass							
5.15	Endrin aldehyde (7421-93-4)	☐	☐	☑	Concentration							
					Mass							
5.16	Heptachlor (76-44-8)	☐	☐	☑	Concentration							
					Mass							
5.17	Heptachlor epoxide (1024-57-3)	☐	☐	☑	Concentration							
					Mass							
5.18	PCB-1242 (53469-21-9)	☐	☐	☑	Concentration							
					Mass							
5.19	PCB-1254 (11097-69-1)	☐	☐	☑	Concentration							
					Mass							
5.20	PCB-1221 (11104-28-2)	☐	☐	☑	Concentration							
					Mass							
5.21	PCB-1232 (11141-16-5)	☐	☐	☑	Concentration							
					Mass							
5.22	PCB-1248 (12672-29-6)	☐	☐	☑	Concentration							
					Mass							
5.23	PCB-1260 (11096-82-5)	☐	☐	☑	Concentration							
					Mass							
5.24	PCB-1016 (12674-11-2)	☐	☐	☑	Concentration							
					Mass							

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	0011

Form Approved 03/05/19
OMB No. 2040-0004

TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))[1]

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
5.25	Toxaphene (8001-35-2)	☐	☐	☑	Concentration							
					Mass							

[1] Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	0011

Form Approved 03/05/19
OMB No. 2040-0004

TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))[1]

	Pollutant	Presence or Absence (check one)		Units (specify)		Effluent				Intake (Optional)	
		Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
☐	Check here if you believe all pollutants on Table C to be ***present*** in your discharge from the noted outfall. You need *not* complete the "Presence or Absence" column of Table C for *each* pollutant.										
☐	Check here if you believe all pollutants on Table C to be ***absent*** in your discharge from the noted outfall. You need *not* complete the "Presence or Absence" column of Table C for *each* pollutant.										
1.	Bromide (24959-67-9)	☐	☑	Concentration							
				Mass							
2.	Chlorine, total residual	☐	☑	Concentration							
				Mass							
3.	Color	☐	☑	Concentration							
				Mass							
4.	Fecal coliform	☑	☐	Concentration	cfu/100ml	144		0.64	50		
				Mass							
5.	Fluoride (16984-48-8)	☐	☑	Concentration							
				Mass							
6	Nitrate-nitrite	☑	☐	Concentration	mg/L	67.80	58.17	24.25	50		
				Mass	lbs/day	1244	777	428	50		
7.	Nitrogen, total organic (as N)	☑	☐	Concentration	mg/L	1.18	0.88	0.44	49		
				Mass	lbs/day	31	17	8	49		
8.	Oil and grease	☑	☐	Concentration	mg/L	11.5	5.29	3.40	50		
				Mass	lbs/day	226	114	64	50		
9.	Phosphorus (as P), total (7723-14-0)	☑	☐	Concentration	mg/L	18.20	18.20	10.65	12		
				Mass	lbs/day	316	316	189	12		
10.	Sulfate (as SO_4) (14808-79-8)	☑	☐	Concentration	mg/L	39.4		38.1	3		
				Mass	lbs/day	910.21		727.83	3		
11.	Sulfide (as S)	☑	☐	Concentration	mg/L	0.68		0.57	3		
				Mass	lbs/day	11.68		10.72	3		

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	0011

Form Approved 03/05/19
OMB No. 2040-0004

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	Pollutant	Presence or Absence (check one)		Units (specify)		Effluent				Intake (Optional)	
		Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
12.	Sulfite (as SO_3) (14265-45-3)	☐	☑	Concentration							
				Mass							
13.	Surfactants	☑	☐	Concentration	mg/L	0.021		0.009	3		
				Mass	lbs/day	0.475		0.186	3		
14.	Aluminum, total (7429-90-5)	☑	☐	Concentration	mg/L	0.022		0.016	3		
				Mass	lbs/day	0.420		0.301	3		
15.	Barium, total (7440-39-3)	☑	☐	Concentration	mg/L	0.012		0.012	3		
				Mass	lbs/day	0.286		0.225	3		
16.	Boron, total (7440-42-8)	☐	☑	Concentration							
				Mass							
17.	Cobalt, total (7440-48-4)	☐	☑	Concentration							
				Mass							
18.	Iron, total (7439-89-6)	☐	☑	Concentration	mg/L	BDL		BDL	3		
				Mass	lbs/day	BDL		BDL	3		
19.	Magnesium, total (7439-95-4)	☑	☐	Concentration	mg/L	26.4		25.6	3		
				Mass	lbs/day	609.89		487.52	3		
20.	Molybdenum, total (7439-98-7)	☐	☑	Concentration							
				Mass							
21.	Manganese, total (7439-96-5)	☑	☐	Concentration	mg/L	0.007		0.006	3		
				Mass	lbs/day	0.170		0.123	3		
22.	Tin, total (7440-31-5)	☐	☑	Concentration							
				Mass							
23.	Titanium, total (7440-32-6)	☐	☑	Concentration							
				Mass							

TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))[1]

	Pollutant	Presence or Absence (check one)		Units (specify)		Effluent				Intake (Optional)	
		Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
24.	**Radioactivity**										
	Alpha, total	☐	☑	Concentration							
				Mass							
	Beta, total	☐	☑	Concentration							
				Mass							
	Radium, total	☐	☑	Concentration							
				Mass							
	Radium 226, total	☐	☑	Concentration							
				Mass							

[1] Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))[1]

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
1.	Asbestos	☐	☑		
2.	Acetaldehyde	☐	☑		
3.	Allyl alcohol	☐	☑		
4.	Allyl chloride	☐	☑		
5.	Amyl acetate	☐	☑		
6.	Aniline	☐	☑		
7.	Benzonitrile	☐	☑		
8.	Benzyl chloride	☐	☑		
9.	Butyl acetate	☐	☑		
10.	Butylamine	☐	☑		
11.	Captan	☐	☑		
12.	Carbaryl	☐	☑		
13.	Carbofuran	☐	☑		
14.	Carbon disulfide	☐	☑		
15.	Chlorpyrifos	☐	☑		
16.	Coumaphos	☐	☑		
17.	Cresol	☐	☑		
18.	Crotonaldehyde	☐	☑		
19.	Cyclohexane	☐	☑		

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))[1]

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
20.	2,4-D (2,4-dichlorophenoxyacetic acid)	☐	☑		
21.	Diazinon	☐	☑		
22.	Dicamba	☐	☑		
23.	Dichlobenil	☐	☑		
24.	Dichlone	☐	☑		
25.	2,2-dichloropropionic acid	☐	☑		
26.	Dichlorvos	☐	☑		
27.	Diethyl amine	☐	☑		
28.	Dimethyl amine	☐	☑		
29.	Dintrobenzene	☐	☑		
30.	Diquat	☐	☑		
31.	Disulfoton	☐	☑		
32.	Diuron	☐	☑		
33.	Epichlorohydrin	☐	☑		
34.	Ethion	☐	☑		
35.	Ethylene diamine	☐	☑		
36.	Ethylene dibromide	☐	☑		
37.	Formaldehyde	☐	☑		
38.	Furfural	☐	☑		

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))[1]

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
39.	Guthion	☐	☑		
40.	Isoprene	☐	☑		
41.	Isopropanolamine	☐	☑		
42.	Kelthane	☐	☑		
43.	Kepone	☐	☑		
44.	Malathion	☐	☑		
45.	Mercaptodimethur	☐	☑		
46.	Methoxychlor	☐	☑		
47.	Methyl mercaptan	☐	☑		
48.	Methyl methacrylate	☐	☑		
49.	Methyl parathion	☐	☑		
50.	Mevinphos	☐	☑		
51.	Mexacarbate	☐	☑		
52.	Monoethyl amine	☐	☑		
53.	Monomethyl amine	☐	☑		
54.	Naled	☐	☑		
55.	Naphthenic acid	☐	☑		
56.	Nitrotoluene	☐	☑		
57.	Parathion	☐	☑		

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))[1]

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
58.	Phenolsulfonate	☐	☑		
59.	Phosgene	☐	☑		
60.	Propargite	☐	☑		
61.	Propylene oxide	☐	☑		
62.	Pyrethrins	☐	☑		
63.	Quinoline	☐	☑		
64.	Resorcinol	☐	☑		
65.	Strontium	☐	☑		
66.	Strychnine	☐	☑		
67.	Styrene	☐	☑		
68.	2,4,5-T (2,4,5-trichlorophenoxyacetic acid)	☐	☑		
69.	TDE (tetrachlorodiphenyl ethane)	☐	☑		
70.	2,4,5-TP [2-(2,4,5-trichlorophenoxy) propanoic acid]	☐	☑		
71.	Trichlorofon	☐	☑		
72.	Triethanolamine	☐	☑		
73.	Triethylamine	☐	☑		
74.	Trimethylamine	☐	☑		
75.	Uranium	☐	☑		
76.	Vanadium	☐	☑		

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))[1]

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
77.	Vinyl acetate	☐	☑		
78.	Xylene	☐	☑		
79.	Xylenol	☐	☑		
80.	Zirconium	☐	☑		

[1] Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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TABLE E. 2,3,7,8 TETRACHLORODIBENZO P DIOXIN (2,3,7,8 TCDD) (40 CFR 122.21(g)(7)(viii))

Pollutant	TCDD Congeners Used or Manufactured	Presence or Absence (check one)		Results of Screening Procedure
		Believed Present	Believed Absent	
2,3,7,8-TCDD	☐	☐	☑	

EPA Identification Number	NPDES Permit Number	Facility Name	Form Approved 03/05/19
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	OMB No. 2040-0004

Form 2F NPDES

EPA

U.S Environmental Protection Agency
Application for NPDES Permit to Discharge Wastewater

STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY

SECTION 1. OUTFALL LOCATION (40 CFR 122.21(g)(1))

Outfall Location

1.1 Provide information on each of the facility's outfalls in the table below

Outfall Number	Receiving Water Name	Latitude	Longitude
002	Unnamed Tributary of Pea River	31° 29′ 56″	85° 53′ 42″
003	Unnamed Tributary of Pea River	31° 29′ 41″	85° 54′ 0″
004	Unnamed Tributary of Pea River	31° 29′ 56″	85° 53′ 36″
005	Unnamed Tributary of Pea River	31° 30′ 17″	85° 53′ 53″
008	Unnamed Tributary of Pea River	31° 30′ 13″	85° 53′ 38″
		° ′ ″	° ′ ″

SECTION 2. IMPROVEMENTS (40 CFR 122.21(g)(6))

Improvements

2.1 Are you presently required by any federal, state, or local authority to meet an implementation schedule for constructing, upgrading, or operating wastewater treatment equipment or practices or any other environmental programs that could affect the discharges described in this application?

☐ Yes ☑ No ➔ SKIP to Section 3.

2.2 Briefly identify each applicable project in the table below.

Brief Identification and Description of Project	Affected Outfalls (list outfall numbers)	Source(s) of Discharge	Final Compliance Dates	
			Required	Projected

2.3 Have you attached sheets describing any additional water pollution control programs (or other environmental projects that may affect your discharges) that you now have underway or planned? (Optional Item)

☐ Yes ☐ No

EPA Identification Number	NPDES Permit Number	Facility Name	Form Approved 03/05/19
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	OMB No. 2040-0004

SECTION 3. SITE DRAINAGE MAP (40 CFR 122.26(c)(1)(i)(A))

Site Drainage Map

3.1 Have you attached a site drainage map containing all required information to this application? (See instructions for specific guidance.)

☑ Yes ☐ No

SECTION 4. POLLUTANT SOURCES (40 CFR 122.26(c)(1)(i)(B))

Pollutant Sources

4.1 Provide information on the facility's pollutant sources in the table below.

Outfall Number	Impervious Surface Area (within a mile radius of the facility)		Total Surface Area Drained (within a mile radius of the facility)	
002	14	*specify units* Acres	60.7	*specify units* Acres
003	9.6	*specify units* Acres	59.7	*specify units* Acres
004	0	*specify units* Acres	2.8 (sprayfields only)	*specify units* Acres
005	0	*specify units* Acres	11.4 (sprayfields only)	*specify units* Acres
008	0	*specify units* Acres	3.1 (sprayfields only)	*specify units* Acres
		specify units		*specify units*

4.2 Provide a narrative description of the facility's significant material in the space below. (See instructions for content requirements.)

*See Attachment D.
Outfalls 002 and 003 receive runoff associated with poultry processing operations (industrial activity). Outfalls 004, 005, and 008 are associated with minimal land application only. Wayne Farms formally requests that the stormwater monitoring requirements be removed from Outfalls DSN004, DSN005 and DSN008 associated with the Land Application System (sprayfields). Stormwater runoff from the sprayfields is associated with an irrigation system that provides a beneficial resource used to grow a crop (hay for animal feeds and other beneficial uses). This land use is a normal farming/agricultural activity that is exempt from NPDES permitting per 40 CFR 122.3(e). As such, these outfalls are not required to be sampled during storm events.

4.3 Provide the location and a description of existing structural and non-structural control measures to reduce pollutants in stormwater runoff. (See instructions for specific guidance.)

Stormwater Treatment		
Outfall Number	Control Measures and Treatment	Codes from Exhibit 2F–1 (list)
002,003	Stormwater retention ponds before discharge to surface water.	1-U, 4-A
004,005,008	Land Application	3-F

SECTION 5. NON STORMWATER DISCHARGES (40 CFR 122.26(c)(1)(i)(C))

Non-Stormwater Discharges

5.1 *I certify under penalty of law that the outfall(s) covered by this application have been tested or evaluated for the presence of non-stormwater discharges. Moreover, I certify that the outfalls identified as having non-stormwater discharges are described in either an accompanying NPDES Form 2C, 2D, or 2E application.*

Name (print or type first and last name)	Official title
Kevin McDaniel	Chief Operating Officer
Signature Kevin McDaniel	**Date signed** 11/9/21

5.2 Provide the testing information requested in the table below.

Outfall Number	Description of Testing Method Used	Date(s) of Testing	Onsite Drainage Points Directly Observed During Test
002	Visual Observation	02/26/2021	002
003	Visual Observation	02/26/2021	003
004	Visual Observation	02/26/2021	004
005	Visual Observation	02/26/2021	005
008	Visual Observation	02/26/2021	008

SECTION 6. SIGNIFICANT LEAKS OR SPILLS (40 CFR 122.26(c)(1)(i)(D))

Significant Leaks or Spills

6.1 Describe any significant leaks or spills of toxic or hazardous pollutants in the last three years.

There have been no significant leaks or spills of toxic or hazardous pollutants in the last three years.

SECTION 7. DISCHARGE INFORMATION (40 CFR 122.26(c)(1)(i)(E))

Discharge Information

See the instructions to determine the pollutants and parameters you are required to monitor and, in turn, the tables you must complete. Not all applicants need to complete each table.

7.1 Is this a new source or new discharge?

☐ Yes ➔ See instructions regarding submission of *estimated* data. ☑ No ➔ See instructions regarding submission of *actual* data.

Tables A, B, C, and D

7.2 Have you completed Table A for each outfall?

☑ Yes ☐ No

Discharge Information Continued

7.3	Is the facility subject to an effluent limitation guideline (ELG) or effluent limitations in an NPDES permit for its process wastewater? ☑ Yes ☐ No ➔ SKIP to Item 7.5.
7.4	Have you completed Table B by providing quantitative data for those pollutants that are (1) limited either directly or indirectly in an ELG and/or (2) subject to effluent limitations in an NPDES permit for the facility's process wastewater? ☑ Yes ☐ No
7.5	Do you know or have reason to believe any pollutants in Exhibit 2F–2 are present in the discharge? ☑ Yes ☐ No ➔ SKIP to Item 7.7.
7.6	Have you listed all pollutants in Exhibit 2F–2 that you know or have reason to believe are present in the discharge and provided quantitative data or an explanation for those pollutants in Table C? ☑ Yes ☐ No
7.7	Do you qualify for a small business exemption under the criteria specified in the Instructions? ☐ Yes ➔SKIP to Item 7.18. ☑ No
7.8	Do you know or have reason to believe any pollutants in Exhibit 2F–3 are present in the discharge? ☐ Yes ☑ No ➔ SKIP to Item 7.10.
7.9	Have you listed all pollutants in Exhibit 2F–3 that you know or have reason to believe are present in the discharge in Table C? ☐ Yes ☐ No
7.10	Do you expect any of the pollutants in Exhibit 2F–3 to be discharged in concentrations of 10 ppb or greater? ☐ Yes ☑ No ➔ SKIP to Item 7.12.
7.11	Have you provided quantitative data in Table C for those pollutants in Exhibit 2F–3 that you expect to be discharged in concentrations of 10 ppb or greater? ☐ Yes ☐ No
7.12	Do you expect acrolein, acrylonitrile, 2,4-dinitrophenol, or 2-methyl-4,6-dinitrophenol to be discharged in concentrations of 100 ppb or greater? ☐ Yes ☑ No ➔ SKIP to Item 7.14.
7.13	Have you provided quantitative data in Table C for the pollutants identified in Item 7.12 that you expect to be discharged in concentrations of 100 ppb or greater? ☐ Yes ☐ No
7.14	Have you provided quantitative data or an explanation in Table C for pollutants you expect to be present in the discharge at concentrations less than 10 ppb (or less than 100 ppb for the pollutants identified in Item 7.12)? ☐ Yes ☑ No
7.15	Do you know or have reason to believe any pollutants in Exhibit 2F–4 are present in the discharge? ☐ Yes ☑ No ➔ SKIP to Item 7.17.
7.16	Have you listed pollutants in Exhibit 2F–4 that you know or believe to be present in the discharge and provided an explanation in Table C? ☐ Yes ☐ No
7.17	Have you provided information for the storm event(s) sampled in Table D? ☐ Yes ☑ No

Discharge Information Continued

Used or Manufactured Toxics

7.18 Is any pollutant listed on Exhibits 2F–2 through 2F–4 a substance or a component of a substance used or manufactured as an intermediate or final product or byproduct?

☐ Yes ☑ No ➔ SKIP to Section 8.

7.19 List the pollutants below, including TCDD if applicable.

1.	4.	7.
2.	5.	8.
3.	6.	9.

SECTION 8. BIOLOGICAL TOXICITY TESTING DATA (40 CFR 122.21(g)(11))

Biological Toxicity Testing Data

8.1 Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last three years?

☐ Yes ☑ No ➔ SKIP to Section 9.

8.2 Identify the tests and their purposes below.

Test(s)	Purpose of Test(s)	Submitted to NPDES Permitting Authority?	Date Submitted
		☐ Yes ☐ No	
		☐ Yes ☐ No	
		☐ Yes ☐ No	

SECTION 9. CONTRACT ANALYSIS INFORMATION (40 CFR 122.21(g)(12))

Contract Analysis Information

9.1 Were any of the analyses reported in Section 7 (on Tables A through C) performed by a contract laboratory or consulting firm?

☑ Yes ☐ No ➔ SKIP to Section 10.

9.2 Provide information for each contract laboratory or consulting firm below.

	Laboratory Number 1	Laboratory Number 2	Laboratory Number 3
Name of laboratory/firm	Allied Environmental		
Laboratory address	306 Church Street Ashford, AL 36312		
Phone number	(334) 899-7642		
Pollutant(s) analyzed	O&G, BOD, TSS, Total P, TKN, NH3-N, NO2/NO3-N, E. Coli		

SECTION 10. CHECKLIST AND CERTIFICATION STATEMENT (40 CFR 122.22(a) and (d))

Checklist and Certification Statement

10.1 In Column 1 below, mark the sections of Form 2F that you have completed and are submitting with your application. For each section, specify in Column 2 any attachments that you are enclosing to alert the permitting authority. Note that not all applicants are required to complete all sections or provide attachments.

Column 1	Column 2
☑ Section 1	☐ w/ attachments (e.g., responses for additional outfalls)
☑ Section 2	☐ w/ attachments
☑ Section 3	☑ w/ site drainage map
☑ Section 4	☑ w/ attachments
☑ Section 5	☐ w/ attachments
☑ Section 6	☐ w/ attachments
☑ Section 7	☑ Table A ☐ w/ small business exemption request ☑ Table B ☐ w/ analytical results as an attachment ☑ Table C ☐ Table D
☑ Section 8	☐ w/attachments
☑ Section 9	☐ w/attachments (e.g., responses for additional contact laboratories or firms)
☑ Section 10	☐

10.2 **Certification Statement**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name (print or type first and last name)	Official title
Kevin McDaniel	Chief Operating Officer
Signature: Kevin McDaniel	Date signed: 11/9/21

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	002

Form Approved 03/05/19
OMB No. 2040-0004

TABLE A. CONVENTIONAL AND NON CONVENTIONAL PARAMETERS (40 CFR 122.26(c)(1)(i)(E)(3))[1]

You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details and requirements.

	Pollutant or Parameter	Maximum Daily Discharge (specify units)		Average Daily Discharge (specify units)		Number of Storm Events Sampled	Source of Information (new source/new dischargers only; use codes in instructions)
		Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite		
1.	Oil and grease	9.89 mg/L		3.89 mg/L		5	See Attachment E
2.	Biochemical oxygen demand (BOD_5)	10.7 mg/L		5.25 mg/L		5	
3.	Chemical oxygen demand (COD)	48.2 mg/L		17.2 mg/L		5	
4.	Total suspended solids (TSS)	90 mg/L		33.3 mg/L		5	
5.	Total phosphorus	0.48 mg/L		0.2 mg/L		5	
6.	Total Kjeldahl nitrogen (TKN)	4.14 mg/L		1.9 mg/L		5	
7.	Total nitrogen (as N)	11.04 mg/L		5.22 mg/L		5	
8.	pH (minimum)	6.26				5	
	pH (maximum)	7.07				5	

[1] Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	002

Form Approved 03/05/19
OMB No. 2040-0004

TABLE B. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.26(c)(1)(i)(E)(4) and 40 CFR 122.21(g)(7)(vi)(A))[1]

List each pollutant that is limited in an effluent limitation guideline (ELG) that the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number (if available)	Maximum Daily Discharge (specify units)		Average Daily Discharge (specify units)		Number of Storm Events Sampled	Source of Information (new source/new dischargers only; use codes in instructions)
	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite		
Ammonia-N	3.94 mg/L		1.63 mg/L		5	See Attachment E
E. Coli	1600 col/100mL		16.9 col/100mL		5	
Nitrate/Nitrate-N	6.9 mg/L		3.32 mg/L		5	
Stormwater discharges are not subject to ELG's						

[1] Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	002

Form Approved 03/05/19
OMB No. 2040-0004

TABLE C. TOXIC POLLUTANTS, CERTAIN HAZARDOUS SUBSTANCES, AND ASBESTOS (40 CFR 122.26(c)(1)(i)(E)(4) and 40 CFR 122.21(g)(7)(vi)(B) and (vii))[1]

List each pollutant shown in Exhibits 2F–2, 2F–3, and 2F–4 that you know or have reason to believe is present. Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number (if available)	Maximum Daily Discharge (specify units)		Average Daily Discharge (specify units)		Number of Storm Events Sampled	Source of Information (new source/new dischargers only; use codes in instructions)
	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite		
Nitrogen, Total Organic	0.37 mg/L		0.27 mg/L		5	See Attachment E
For other Exhibit 2F-2 parameters, refer to	Tables A & B					
No parameters listed in Exhibits 2F-3 and 2F-4						
suspected present in stormwater discharges.						

[1] Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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EPA Identification Number	NPDES Permit Number	Facility name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	002

Form Approved 03/05/19
OMB No. 2040-0004

TABLE D. STORM EVENT INFORMATION (40 CFR 122.26(c)(1)(i)(E)(6))

Provide data for the storm event(s) that resulted in the maximum daily discharges for the flow-weighted composite sample.

Date of Storm Event	Duration of Storm Event (in hours)	Total Rainfall During Storm Event (in inches)	Number of Hours Between Beginning of Storm Measured and End of Previous Measurable Rain Event	Maximum Flow Rate During Rain Event (in gpm or specify units)	Total Flow from Rain Event (in gallons or specify units)
					No Composite Required

Provide a description of the method of flow measurement or estimate.

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	003

Form Approved 03/05/19
OMB No. 2040-0004

TABLE A. CONVENTIONAL AND NON CONVENTIONAL PARAMETERS (40 CFR 122.26(c)(1)(i)(E)(3))[1]

You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details and requirements.

	Pollutant or Parameter	Maximum Daily Discharge (specify units)		Average Daily Discharge (specify units)		Number of Storm Events Sampled	Source of Information (new source/new dischargers only; use codes in instructions)
		Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite		
1.	Oil and grease	3.61 mg/L		2.13 mg/L		5	See Attachment E
2.	Biochemical oxygen demand (BOD_5)	10 mg/L		4.17 mg/L		5	
3.	Chemical oxygen demand (COD)	30 mg/L		13.0 mg/L		5	
4.	Total suspended solids (TSS)	416 mg/L		132 mg/L		5	
5.	Total phosphorus	0.42 mg/L		0.21 mg/L		5	
6.	Total Kjeldahl nitrogen (TKN)	2.84 mg/L		1.16 mg/L		5	
7.	Total nitrogen (as N)	7.36 mg/L		3.21 mg/L		5	
8.	pH (minimum)	6.15				5	
	pH (maximum)	7.21				5	

[1] Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	003

Form Approved 03/05/19
OMB No. 2040-0004

TABLE B. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.26(c)(1)(i)(E)(4) and 40 CFR 122.21(g)(7)(vi)(A))[1]

List each pollutant that is limited in an effluent limitation guideline (ELG) that the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number (if available)	Maximum Daily Discharge (specify units)		Average Daily Discharge (specify units)		Number of Storm Events Sampled	Source of Information (new source/new dischargers only; use codes in instructions)
	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite		
Ammonia-N	2.52 mg/L		0.818 mg/L		5	See Attachment E
E. Coli	1200 col/100mL		18.2 col/100mL		5	
Nitrate/Nitrate-N	4.64 mg/L		2.05 mg/L		5	
Stormwater discharges are not subject to ELG's						

[1] Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	003

Form Approved 03/05/19
OMB No. 2040-0004

TABLE C. TOXIC POLLUTANTS, CERTAIN HAZARDOUS SUBSTANCES, AND ASBESTOS (40 CFR 122.26(c)(1)(i)(E)(4) and 40 CFR 122.21(g)(7)(vi)(B) and (vii))[1]

List each pollutant shown in Exhibits 2F–2, 2F–3, and 2F–4 that you know or have reason to believe is present. Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number (if available)	Maximum Daily Discharge (specify units)		Average Daily Discharge (specify units)		Number of Storm Events Sampled	Source of Information (new source/new dischargers only; use codes in instructions)
	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-Weighted Composite		
Nitrogen, Total Organic	0.79		0.34		5	See Attachment E
For other Exhibit 2F-2 parameters, refer to	Tables A & B					
No parameters listed in Exhibits 2F-3 and 2F-4						
suspected present in stormwater discharges.						

[1] Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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EPA Identification Number	NPDES Permit Number	Facility name	Outfall Number
AL0000244202	AL0028860	Wayne Farms LLC - Jack Facility	003

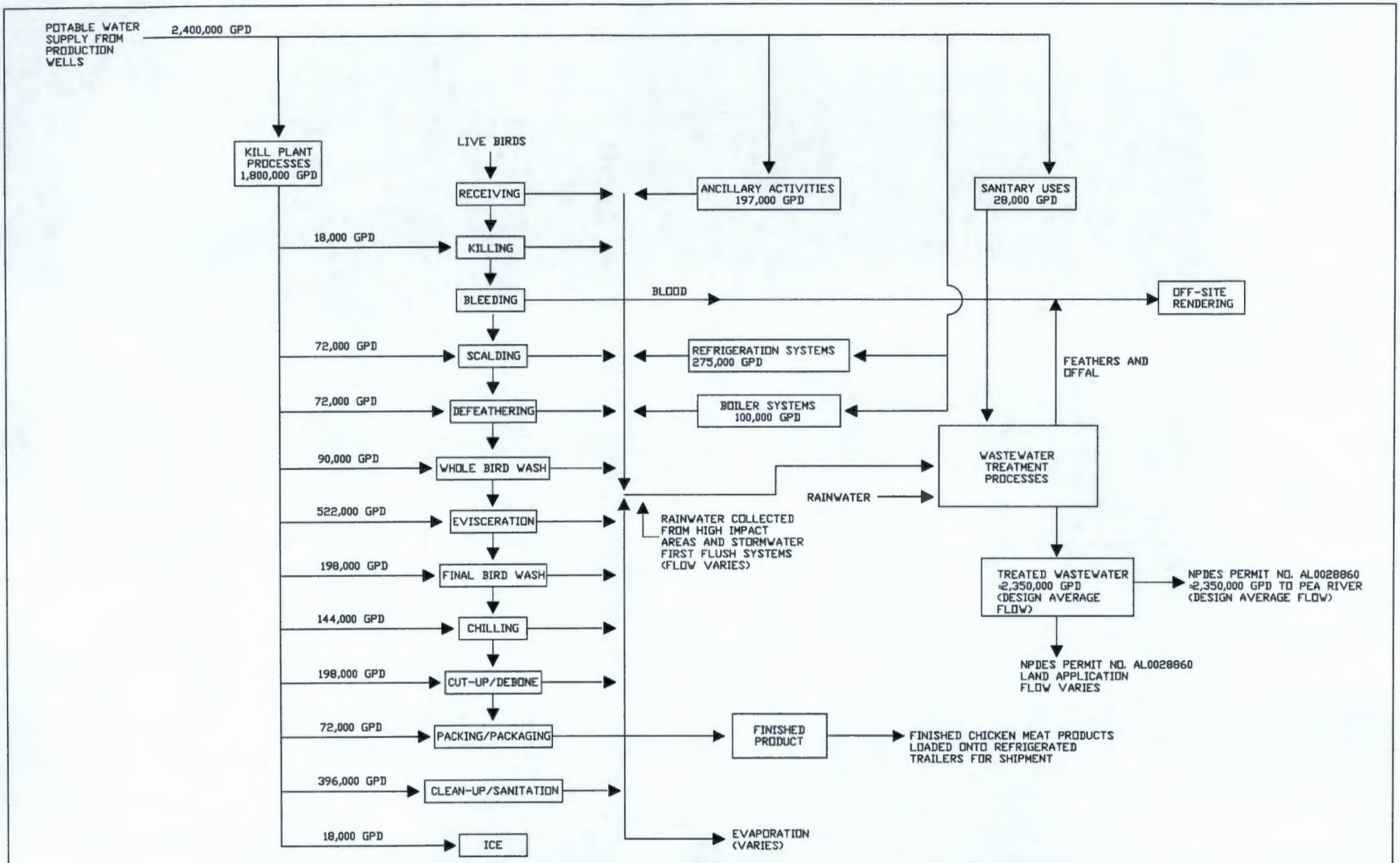
Form Approved 03/05/19
OMB No. 2040-0004

TABLE D. STORM EVENT INFORMATION (40 CFR 122.26(c)(1)(i)(E)(6))

Provide data for the storm event(s) that resulted in the maximum daily discharges for the flow-weighted composite sample.

Date of Storm Event	Duration of Storm Event (in hours)	Total Rainfall During Storm Event (in inches)	Number of Hours Between Beginning of Storm Measured and End of Previous Measurable Rain Event	Maximum Flow Rate During Rain Event (in gpm or specify units)	Total Flow from Rain Event (in gallons or specify units)
					No Composite Required

Provide a description of the method of flow measurement or estimate.



WAYNE FARMS

WAYNE FARMS LLC
ENTERPRISE PROCESSING PLANT
1020 COUNTY ROAD 114
JACK, AL 36346
COFFEE COUNTY

FIGURE 2
WATER USE SCHEMATIC

WHEE
WOODRUFF & HOWE
ENVIRONMENTAL ENGINEERING, INC.
4405 CANTON HIGHWAY, SUITE 100
CUMMING, GEORGIA 30040
TEL: 770-844-0037

DRAWN BY	CHECKED BY	REV	DATE	JOB NO.
KJC	TTS		10/08/21	21-041

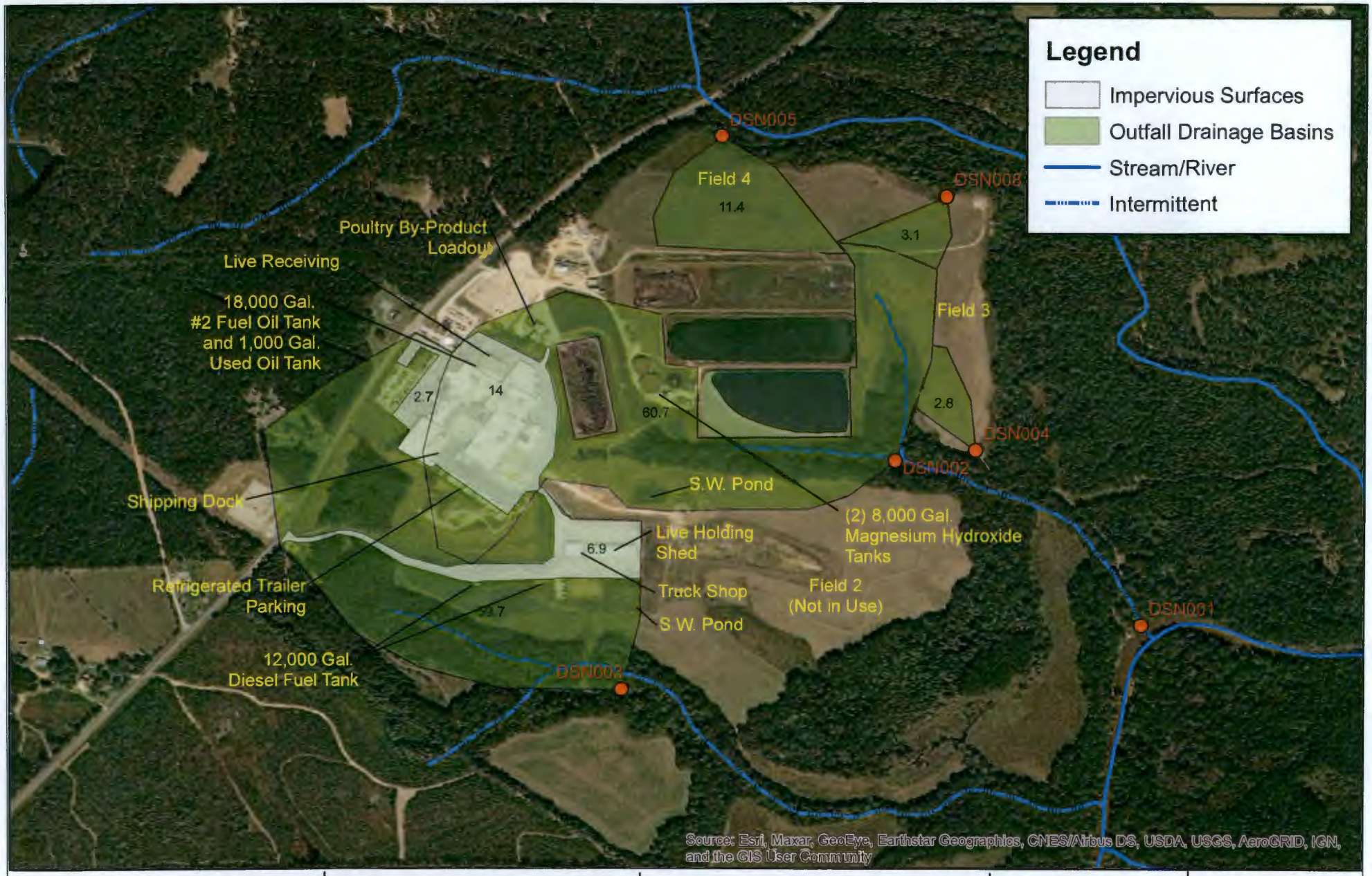
NOTES:
1. GPD FOR PROCESSES ARE BASED ON USPEA GPB DATA.
2. ANCILLARY ACTIVITIES INCLUDE VEHICLE/EQUIPMENT WASHING, PAVEMENT WASH DOWN, MISCELLANEOUS MAINTENANCE ACTIVITIES, LIVE HOLDING SHED EVAPORATIVE COOLING, "RED" WATER DRAINAGE FROM REFRIGERATED TRAILERS, OFFAL TRAILER DRAINAGE, ETC.
3. FLOWS SHOWN ARE ESTIMATES BASED ON AVAILABLE DATA PLUS AN ALLOWANCE FOR DESIGNED EXPANSION. 12-MONTH AVERAGE EFFLUENT FLOW FROM AUGUST 2020 TO JULY 2021 WAS 2.11 MGD.
4. SANITARY FLOW WAS ASSUMED BASED ON 25 GALLONS/DAY/PERSON

Job No. 21-041		Figure 3 Site Map	Wayne Farms, LLC Jack Facility 1020 County Road 114 Jack, Alabama 36346 Coffee County
Drawn By KJC	Checked By TTS		
Scale AS SHOWN	Sheet 1 OF 1		
Date 10/8/2021	Revision		

N

0 412.5 825 Feet

WHEE
WOODRUFF & HOWE
ENVIRONMENTAL ENGINEERING, INC.

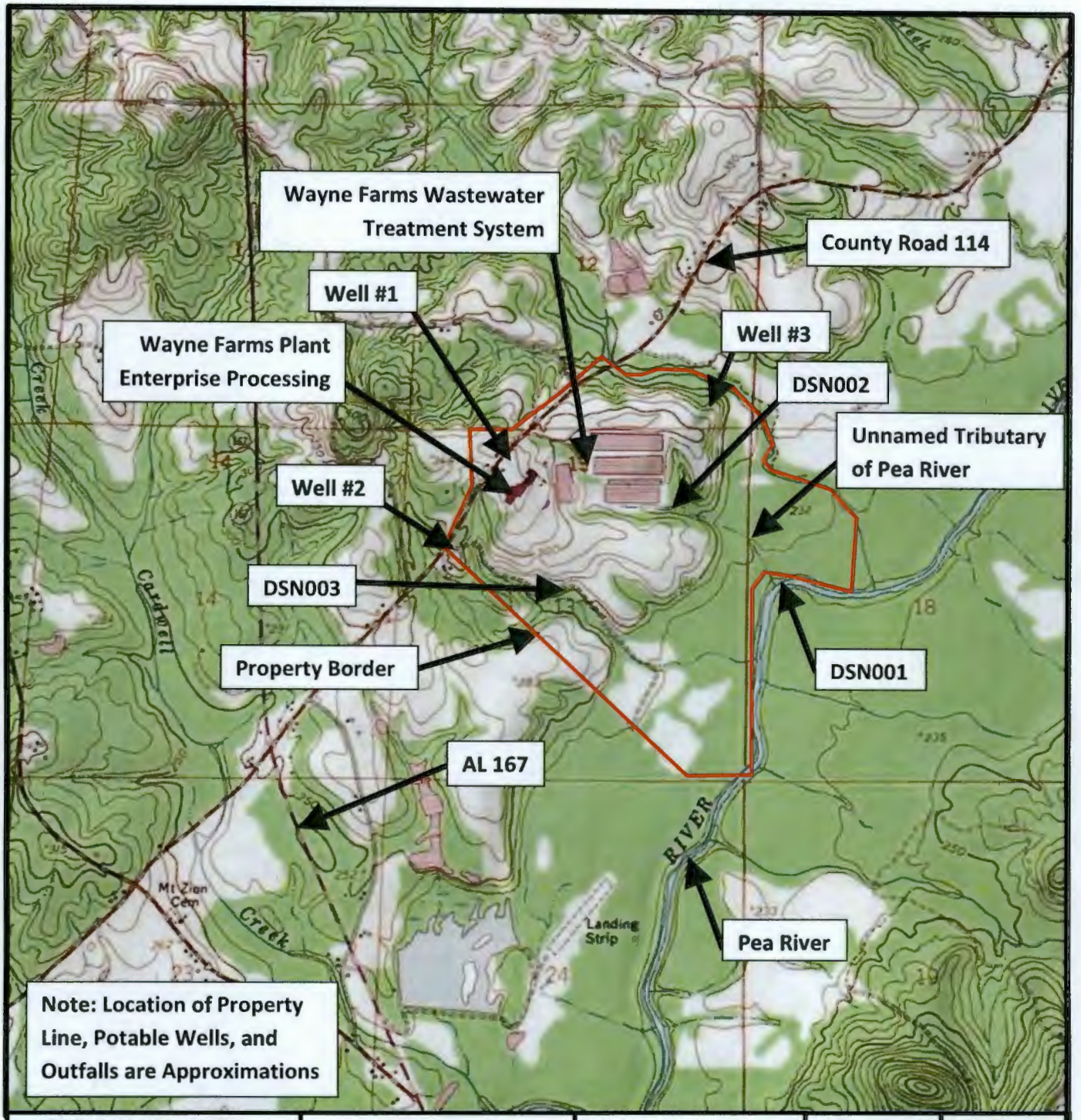


Job No. 21-041		Figure 4 Outfall & Drainage Basin Site Map	Wayne Farms, LLC Jack Facility 1020 County Road 114 Jack, Alabama 36346 Coffee County
Drawn By KJC	Checked By TTS		
Scale AS SHOWN	Sheet 1 OF 1		
Date 10/8/2021	Revision		

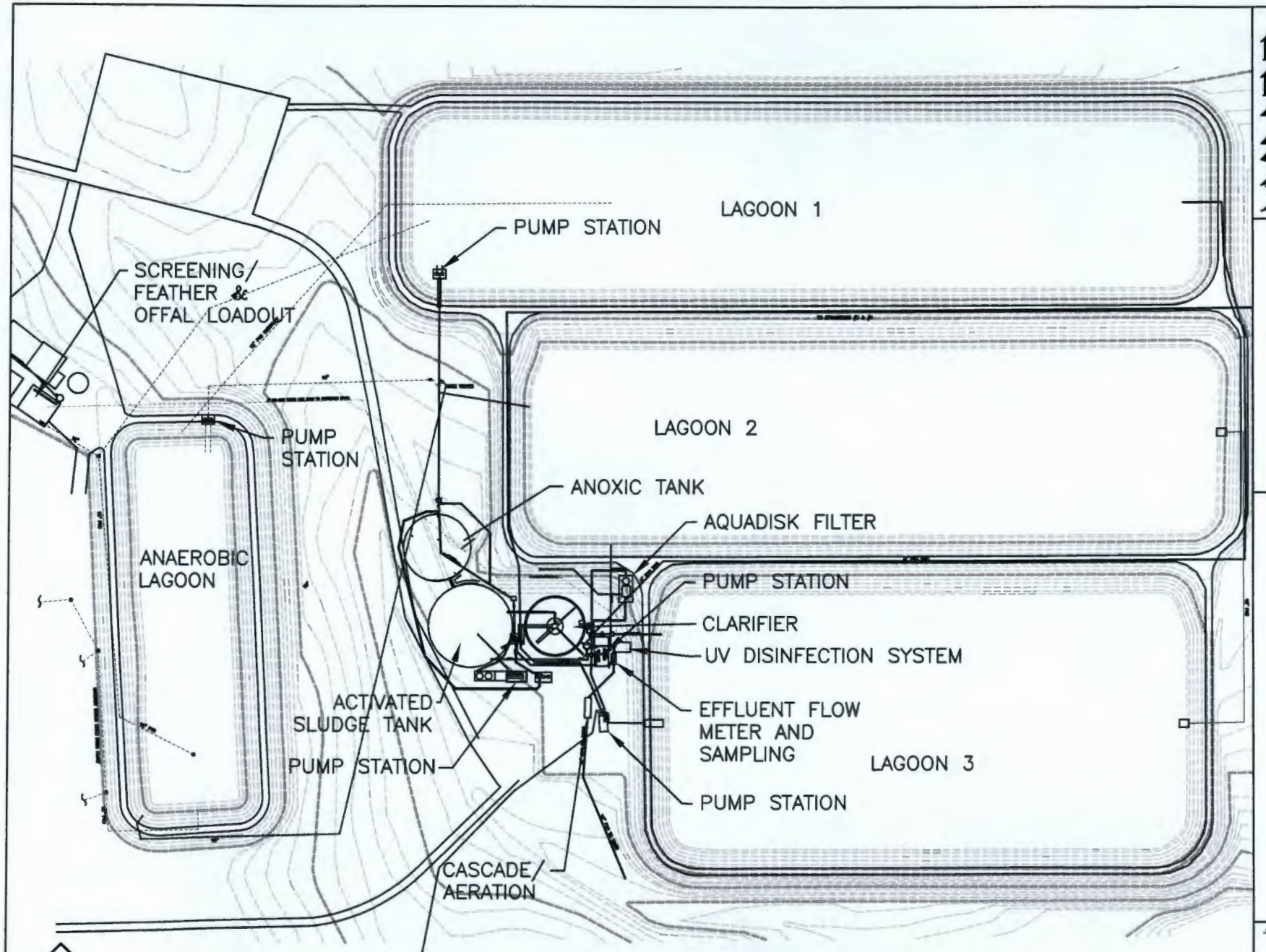
N

0 420 840 Feet

WHEE
WOODRUFF & HOWE
ENVIRONMENTAL ENGINEERING, INC.



WHEE WOODRUFF & HOWE ENVIRONMENTAL ENGINEERING INC. 4405 Canton Hwy, Suite 100 Cumming, GA 30040	WAYNE FARMS LLC JACK FACILITY FIGURE 5—FACILITY LOCATION MAP	1020 County Road 114 Jack, AL 36346 Coffee County	N	DATE 10/08/21
			0 Miles 0.5	



NOTES:
1. LOCATION OF UNDERGROUND PIPING IS APPROXIMATE.
2. THE GENERAL TOPOGRAPHIC AND ELEVATION DATA SHOWN HERON IS NOT CERTIFIED AS CORRECT BY THIS ENGINEER. USERS OF THIS DATA DO SO AT THEIR OWN RISK.

WOODRUFF & HOWE
ENVIRONMENTAL ENGINEERING, INC.
4405 CANTON HWY, SUITE 100
CUMMING, GEORGIA 30040
TEL: 770-844-0037

FIGURE 6
WASTEWATER TREATMENT SITE MAP

WAYNE FARMS LLC
ENTERPRISE FRESH PLANT
1020 COUNTY ROAD 114
JACK, ALABAMA 36346
COFFEE COUNTY

JOB NO.	21-041
DRAWN BY. KJC	CHECKED BY. TTS
SCALE 1"=200'	SHEET FIGURE 6
DATE 10/08/21	REV

Attachment A
Wayne Farms LLC – Jack Facility
Processing Plant "Other" Environmental Permits

1. State Air Permit: 602-0007-X009
2. Water Supply Permit 18-026, PSWID: AL0000297

Wayne Farms LLC
Jack Facility
AL0028860

Attachment B – Biocides and Corrosion Inhibitors Use

Biocides and corrosion inhibitors and various food safety intervention chemicals are used in chicken processing and plant sanitation activities to produce wholesome chicken meat products. Corrosion/scale inhibitors are used in boiler, condenser and other related utility systems to prevent/minimize corrosion and/or excessive scaling issues in these systems.

Biocides and Corrosion Inhibitors

AFCO 0236 Food Grade Citric Acid 50%
AFCO 0532
AFCO 0533 Caustic Soda 50%
AFCO 4363 Perasafe 23
AFCO 6019 CFT Superfoam
Garratt Callahan Formula 153
Garratt Callahan Formula 153
Garratt Callahan Formula 1154
Garratt Callahan Formula 2730-LT
Garratt Callahan Formula 2310-LT
Garratt Callahan Formula 3018
Garratt Callahan Formula 314-T
Garratt Callahan Formula 251

SDSs can be provided upon request. Chemicals used for these purposes will change from time to time to meet food safety requirements, sanitation needs and utility system water treatment needs. Wastewater from the facility is pretreated and treated in various wastewater treatment and disposal systems at the facility (see attached information), and these systems should provide effective removal, neutralization, etc. of these chemicals.

Wayne Farms LLC
Jack Facility
AL0028860

Attachment C – Potable Water Supply Information

Well	Latitude	Longitude	Capacity (MGD)	Well Depth (ft)
#1	31° 30.077' N	85° 54.183' W	1,000 gpm/1.4 MGD	≈500
#2	31° 29.832' N	85° 54.337' W	1,000 gpm/1.4 MGD	≈850
#3	31° 30.204 N	85° 53.615 W	1,200 gpm/1.7 MGD	≈850

Wayne Farms LLC
Jack Facility
AL0028860

Attachment D – Significant Materials with Potential Stormwater Exposure

Material Stored	Storage Quantity (Gallons)	Secondary Containment/ Discharge Prevention
Diesel Fuel Tank	12,000	Double walled storage tank
Diesel Fuel Tank	12,000	Double walled storage tank
#2 Fuel Oil (Diesel Fuel) Tank	18,000	Concrete secondary containment dike
Used Oil Tank	1,000	Concrete secondary containment dike
Motor Oils, Hydraulic Oils, Used Oils at the Truck Shop	Various small tanks and drums	Containment dike provided
Poultry By-Product Loadout Trailers	Each Tanker ≈6,000	Secondary containment provided by concrete curbed loading area that discharges to wastewater treatment system
Refrigerated Trailers		Loaded refrigerated tractor trailers awaiting transport offsite are backed up to a concrete trench where red water drainage can be collected and transferred to the wastewater treatment system
Live Haul Trailers		Live haul trailers with live animals are parked under cover of the Live Holding Sheds to minimize stormwater exposure
Chemical Storage (at Offal Loadout Building)	Various chemical totes/drums	Stored inside former tank ringwall which provides secondary containment
Magnesium Hydroxide	2 Tanks at ≈ 8,000 each	Concrete secondary containment dike
Peracetic Acid Tank	10,000	Secondary containment dike, located underneath receiving sheds
Sodium Hydroxide Tank	10,000	Secondary containment dike, located underneath receiving sheds
Disinfectants/ sanitation	Various totes and drums	Stored inside secondary containment or indoors in area that drains to wastewater treatment system.

The majority of chemicals and processes are stored/handled indoors and not exposed to rainwater. Various BMPs have been implemented to prevent/minimize adverse impacts on stormwater runoff (e.g., containment, capture, good housekeeping, etc.).

Limited herbicides and fertilizers may be applied to the sprayfields seasonally per manufacturer labels and at agronomic rates. Application is limited.

Attachment E - Historical Stormwater Outfall Sampling Data

Outfall 002S	Table A								Table B			Table C
Monitoring Period	O & G[1] (mg/L)	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	Total P[1] (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L Calculated)	pH	NH3-N (mg/L)	NO2/NO3-N[1] (mg/L)	E. Coli[1,2] (col/100mL)	Organic Nitrogen (mg/L Calculated)
Jan 2019 - June 2019	4.39	10.7	15.5	14	0.13	4.14	11.04	6.32	3.94	6.9	1600	0.2
June 2019 - Dec 2019	9.89	2.38	48.2	50	0.12	0.37	0.51	7.07	0.04	0.14	22	0.33
Jan 2020 - June 2020	2.34	7.19	10.9	90	0.48	1.9	6.79	6.26	1.56	4.89	1	0.34
June 2020 - Dec 2020	1	2	5.75	5.5	0.07	0.15	0.3	6.42	0.03	0.15	39	0.12
Jan 2021 - June 2021	1.79	3.98	5.58	7	0.2	2.94	7.46	6.33	2.57	4.52	1	0.37
Maximum	9.89	10.7	48.2	90	0.48	4.14	11.04	7.07	3.94	6.9	1600	0.37
Minimum								6.26				
Average	3.882	5.25	17.186	33.3	0.2	1.9	5.22	6.48	1.628	3.32	16.89	0.27
Count	5	5	5	5	5	5	5	5	5	5	5	5

Outfall 003S	Table A								Table B			Table C
Monitoring Period	O & G[1] (mg/L)	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	Total P[1] (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L Calculated)	pH	NH3-N (mg/L)	NO2/NO3-N[1] (mg/L)	E. Coli[1,2] (col/100mL)	Organic Nitrogen (mg/L Calculated)
Jan 2019 - June 2019	1.33	2	9.38	40	0.1	0.09	0.73	6.15	0.07	0.64	120	0.02
June 2019 - Dec 2019	3.61	4.65	30	416	0.25	0.88	1.27	7.21	0.09	0.39	1200	0.79
Jan 2020 - June 2020	1.53	10	16.9	52	0.42	1.83	6.47	6.24	1.38	4.64	1	0.45
June 2020 - Dec 2020	3.2	2	4.94	143	0.07	0.15	0.2	6.38	0.03	0.05	14	0.12
Jan 2021 - June 2021	1	2.21	3.54	7.2	0.19	2.84	7.36	6.42	2.52	4.52	1	0.32
Maximum	3.61	10	30	416	0.42	2.84	7.36	7.21	2.52	4.64	1200	0.79
Minimum								6.15				
Average	2.134	4.172	12.952	131.64	0.206	1.158	3.206	6.48	0.818	2.048	18.23	0.34
Count	5	5	5	5	5	5	5	5	5	5	5	5

Outfall 004S	Table A								Table B			Table C
Monitoring Period	O & G[1] (mg/L)	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	Total P[1] (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L Calculated)	pH	NH3-N (mg/L)	NO2/NO3-N[1] (mg/L)	E. Coli[1,2] (col/100mL)	Organic Nitrogen (mg/L Calculated)
Jan 2019 - June 2019	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
June 2019 - Dec 2019	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Jan 2020 - June 2020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
June 2020 - Dec 2020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Jan 2021 - June 2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Outfall 005S	Table A								Table B			Table C
Monitoring Period	O & G[1] (mg/L)	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	Total P[1] (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L Calculated)	pH	NH3-N (mg/L)	NO2/NO3-N[1] (mg/L)	E. Coli[1,2] (col/100mL)	Organic Nitrogen (mg/L Calculated)
Jan 2019 - June 2019	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
June 2019 - Dec 2019	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Jan 2020 - June 2020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
June 2020 - Dec 2020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Jan 2021 - June 2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Outfall 008S	Table A								Table B			Table C
Monitoring Period	O & G[1] (mg/L)	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	Total P[1] (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L Calculated)	pH	NH3-N (mg/L)	NO2/NO3-N[1] (mg/L)	E. Coli[1,2] (col/100mL)	Organic Nitrogen (mg/L Calculated)
Jan 2019 - June 2019	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
June 2019 - Dec 2019	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Jan 2020 - June 2020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
June 2020 - Dec 2020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Jan 2021 - June 2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

1. Pollutant also listed on Exhibit 2F-2

2. The facility's process wastewater outfall (DSN0011) has an effluent limitation for fecal as well as E. coli under the current NPDES Permit. However, the storm water outfalls are only subject to E. Coli sampling under the current NPDES Permit.

*ND = No Discharge

Attachment F - Summary of Wayne Farms NOV's

Facility Name	Permit Number	Type of Action	Date of Action
Jack Facility	AL0028860	NOV	5/25/2017
Decatur Fresh Processing Plant	AL0082619	NOV	5/7/2020
Decatur Fresh Processing Plant	SID No. IU085200100	NOV (Decatur Utilities)	3/10/2017
Decatur Fresh Processing Plant	AL0082619	NOV	10/1/2018
Decatur Further Processing Plant	SID No. IU085200478	NOV (Decatur Utilities)	3/10/2017
Union Spring Processing Plant	AL0082333	NOV	10/1/2018
Dothan Processing Plant	AL0082627	NOV	7/14/2020