



Updated Application with New Form 2C - 7/11/2022
Includes Request for Flow Increase

July 11th, 2022

Mr. Robert Pudmericky
Engineer/Project Manager
Water and Science Administration
Maryland Department of the Environment
1800 Washington Boulevard
Baltimore MD, 21230

Perdue AgriBusiness LLC, State Discharge Permit No. 15DP0359 NPDES Permit MD0000060
Resubmission of Permit Renewal Application

Mr. Pudmericky,

This letter serves as the Perdue AgriBusiness LLC (Perdue) response to the email received on January 31st, 2022. Perdue requested an increase of the current average daily flow limitation from 0.175 Million Gallons per Day (MGD) to 1 MGD on October 27th, 2021. The January 31st, 2022 email response requested the submission of an updated Permit Renewal Application and a tentative schedule of future activities.

Perdue has attached an updated Permit Renewal Application to serve as a resubmission of the renewal originally submitted on February 26th, 2021 and confirmed received on April 22nd, 2021.

In addition, please see a tentative schedule of future activities that are subject to change:

- Perdue has completed the Request for Proposal process with vendors in order to secure a consultant to create preliminary design plans that would enable the wastewater plant to meet and exceed the prospective limits mentioned in the January 21st, 2022 email communication.
- Perdue is currently engaged in the legal review of the Proposal and contractor that was selected to provide a preliminary design.
- Upon the satisfactory completion of legal review, the Capital Expense Project (CER) will be submitted.
- Preliminary Design work can be started upon the approval of the CER

Please contact me by email at Jaclyn.Mays@perdue.com or phone at 443-397-0255 if you have any questions.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Jaclyn Mays".

Jaclyn Mays
Perdue AgriBusiness LLC



AgriBusiness

Senior Manager- Environmental Compliance

Jaclyn.earle@perdue.com

Enclosures:

Permit Renewal Application

EPA Identification Number 110009684010		NPDES Permit Number MD0000060		Facility Name Perdue AgriBusiness LLC		Form Approved 03/05/19 OMB No. 2040-0004	
Form 2C NPDES			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	
		001	Peggy Branch	38° 23' 2.08" N		75° 31' 51.70" W	
		005	Land App. to woods	38° 23' 16.85" N		75° 32' 1.69" W	
		006	Land App. to field	38° 23' 4.61" N		75° 32' 4.93" W	
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 001					
		Operations Contributing to Flow					
		Operation			Average Flow		
		Attached: "Outfall 001: Operations Contributing to 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	
		Attached: "Outfall 001: Treatment Units"					

Updated Form 2C - 7/11/22

EPA Identification Number 110009684010		NPDES Permit Number MD0000060		Facility Name Perdue AgriBusiness LLC		Form Approved 03/05/19 OMB No. 2040-0004	
Average Flows and Treatment Continued	3.1 cont.	**Outfall Number** 005					
		Operations Contributing to Flow					
		Operation			Average Flow		
		Attached: Outfall 005/006: Operations Contributing to 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
		Attached: Outfall 005/006: Operations Contributing to Flow					
		Outfall Number 006					
		Operations Contributing to Flow					
		Operation			Average Flow		
		Attached: Outfall 005/006: Operations Contributing to 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
		Attached: Outfall 005/006: Operations Contributing to Flow					
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					

EPA Identification Number 110009684010		NPDES Permit Number MD0000060		Facility Name Perdue AgriBusiness LLC		Form Approved 03/05/19 OMB No. 2040-0004		
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.						
				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
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		
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	

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Form Approved 03/05/19 OMB No. 2040-0004
---	----------------------------------	--	---

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? <i>(optional item)</i> ☐ 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	

Updated Form 2C - 7/11/22

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Form Approved 03/05/19 OMB No. 2040-0004
---	----------------------------------	--	---

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 <i>qualitative</i> 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.

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Form Approved 03/05/19 OMB No. 2040-0004
---	----------------------------------	--	---

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	ENVIROCORP LABORATORIES INC.		
	Laboratory address	51 CLARK STREET, HARRINGTON, DE 19952		
	Phone number	(302) 398-4313		
	Pollutant(s) analyzed	All testing listed conducted by Envirocorp Laboratories		

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 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Form Approved 03/05/19 OMB No. 2040-0004
---	----------------------------------	--	---

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/ small business exemption request ☒ 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>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.</i>	
	Name (print or type first and last name)	Official title	
	Jaclyn Mays	Senior Mgr. Env. Compliance	
	Signature	Date signed	
		7/11/2022	

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001
---	----------------------------------	--	-----------------------

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

	Pollutant	Waiver Requested (if applicable)	Units (specify)	Effluent				Intake (Optional)	
				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 have applied to your NPDES permitting authority for a waiver for <i>all</i> of the pollutants listed on this table for the noted outfall.								
1.	Biochemical oxygen demand (BOD ₅)	☐	Concentration	mg/L	16.5	4.13	1.08	259	
			Mass	lb/d	39.36	7.58	2.28	259	
2.	Chemical oxygen demand (COD)	☐	Concentration	mg/L	19.7			2	
			Mass						
3.	Total organic carbon (TOC)	☐	Concentration	mg/L	4.1			2	
			Mass						
4.	Total suspended solids (TSS)	☐	Concentration	mg/L	8	6.8	3.04	259	
			Mass						
5.	Ammonia (as N)	☐	Concentration	mg/L	5.12			4	
			Mass						
6.	Flow	☐	Rate	MGD	0.38	3.9	0.259	259	
7.	Temperature (winter)	☐	°C	°C	16.8			4	
	Temperature (summer)	☐	°C	°C	26.8			4	
8.	pH (minimum)	☐	Standard units	s.u.	6.11		7.13	259	
	pH (maximum)	☐	Standard units	s.u.	8.3		7.47	259	

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).

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 002
---	----------------------------------	--	-----------------------

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

	Pollutant	Waiver Requested (if applicable)	Units (specify)	Effluent				Intake (Optional)	
				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 have applied to your NPDES permitting authority for a waiver for <i>all</i> of the pollutants listed on this table for the noted outfall.								
1.	Biochemical oxygen demand (BOD ₅)	☐	Concentration						
			Mass						
2.	Chemical oxygen demand (COD)	☐	Concentration						
			Mass						
3.	Total organic carbon (TOC)	☐	Concentration						
			Mass						
4.	Total suspended solids (TSS)	☐	Concentration						
			Mass						
5.	Ammonia (as N)	☐	Concentration						
			Mass						
6.	Flow	☐	Rate						
7.	Temperature (winter)	☐	°C	°C					
	Temperature (summer)	☐	°C	°C					
8.	pH (minimum)	☐	Standard units	s.u.					
	pH (maximum)	☐	Standard units	s.u.					

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).

* No Discharge Since 2010

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 005
---	----------------------------------	--	-----------------------

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

	Pollutant	Waiver Requested (if applicable)	Units (specify)	Effluent				Intake (Optional)	
				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 have applied to your NPDES permitting authority for a waiver for <i>all</i> of the pollutants listed on this table for the noted outfall.								
1.	Biochemical oxygen demand (BOD ₅)	☐	Concentration	mg/L	16.5	4.13	1.08	259	
			Mass	lb/d	39.36	7.58	2.28	259	
2.	Chemical oxygen demand (COD)	☐	Concentration						
			Mass						
3.	Total organic carbon (TOC)	☐	Concentration						
			Mass						
4.	Total suspended solids (TSS)	☐	Concentration	mg/L	8	6.8	3.04	259	
			Mass						
5.	Ammonia (as N)	☐	Concentration						
			Mass						
6.	Flow	☐	Rate	MGD	0.08	2.39	0.013	259	
7.	Temperature (winter)	☐	°C	°C					
	Temperature (summer)	☐	°C	°C					
8.	pH (minimum)	☐	Standard units	s.u.	6.11	7.13	259		
	pH (maximum)	☐	Standard units	s.u.	8.3	7.47	259		

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).

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 006
---	----------------------------------	--	-----------------------

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

	Pollutant	Waiver Requested (if applicable)	Units (specify)	Effluent				Intake (Optional)	
				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 have applied to your NPDES permitting authority for a waiver for <i>all</i> of the pollutants listed on this table for the noted outfall.								
1.	Biochemical oxygen demand (BOD ₅)	☐	Concentration	mg/L	16.5	4.13	1.08	259	
			Mass	lb/d	39.36	7.58	2.28	259	
2.	Chemical oxygen demand (COD)	☐	Concentration	mg/L	43.3			2	
			Mass						
3.	Total organic carbon (TOC)	☐	Concentration	mg/L	11.3			2	
			Mass						
4.	Total suspended solids (TSS)	☐	Concentration	mg/L	8	6.8	3.04	259	
			Mass						
5.	Ammonia (as N)	☐	Concentration	mg/L	0.33			2	
			Mass						
6.	Flow	☐	Rate	MGD	0.14	3.80	0.027	259	
7.	Temperature (winter)	☐	°C	°C	16.8			4	
	Temperature (summer)	☐	°C	°C	26.8			4	
8.	pH (minimum)	☐	Standard units	s.u.	6.11		7.13	259	
	pH (maximum)	☐	Standard units	s.u.	8.3		7.47	259	

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).

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001, 002, 005, 006
---	----------------------------------	--	--------------------------------------

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								
					Mass								
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 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001, 002, 005, 006
---	----------------------------------	--	--------------------------------------

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						
					Mass						
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 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001, 002, 005, 006
---	----------------------------------	--	--------------------------------------

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 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001, 002, 005, 006
---	----------------------------------	--	--------------------------------------

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
2.22	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 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001, 002, 005, 006
---	----------------------------------	--	--------------------------------------

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 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001, 002, 005, 006
---	----------------------------------	--	--------------------------------------

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 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001, 002, 005, 006
---	----------------------------------	--	--------------------------------------

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 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001, 002, 005, 006
---	----------------------------------	--	--------------------------------------

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
4.33	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						

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001, 002, 005, 006
---	----------------------------------	--	--------------------------------------

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
4.46	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 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001, 002, 005, 006
---	----------------------------------	--	--------------------------------------

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 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001, 002, 005, 006
---	----------------------------------	--	--------------------------------------

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).

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001
---	----------------------------------	--	-----------------------

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 <i>not</i> 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 <i>not</i> complete the "Presence or Absence" column of Table C for each pollutant.											
1. Bromide (24959-67-9)	☐	☒	Concentration								
			Mass								
2. Chlorine, total residual	☒	☐	Concentration	ug/L	1.92	0.05	0.11	259			
			Mass								
3. Color	☐	☒	Concentration								
			Mass								
4. Fecal coliform	☒	☐	Concentration	mpn/100ml	11			60			
			Mass								
5. Fluoride (16984-48-8)	☐	☒	Concentration								
			Mass								
6. Nitrate-nitrite	☒	☐	Concentration	mg/L	20.44	15.29	6.567	259			
			Mass								
7. Nitrogen, total organic (as N)	☒	☐	Concentration	mg/L	21.80	16.23	9.75	259			
			Mass	lb/d	68.18	905.95		259			
8. Oil and grease	☒	☐	Concentration	mg/L	5	2	0.5	259			
			Mass								
9. Phosphorus (as P), total (7723-14-0)	☒	☐	Concentration	mg/L	0.18	0.10	0.05	259			
			Mass	lb/d	0.41	4.29	0.11	259			
10. Sulfate (as SO ₄) (14808-79-8)	☐	☒	Concentration								
			Mass								
11. Sulfide (as S)	☐	☒	Concentration								
			Mass								

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001
---	----------------------------------	--	-----------------------

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
12.	Sulfite (as SO ₃) (14265-45-3)	☐	☒	Concentration						
				Mass						
13.	Surfactants	☐	☒	Concentration						
				Mass						
14.	Aluminum, total (7429-90-5)	☐	☒	Concentration						
				Mass						
15.	Barium, total (7440-39-3)	☐	☒	Concentration						
				Mass						
16.	Boron, total (7440-42-8)	☐	☒	Concentration						
				Mass						
17.	Cobalt, total (7440-48-4)	☐	☒	Concentration						
				Mass						
18.	Iron, total (7439-89-6)	☒	☐	Concentration						
				Mass					X	
19.	Magnesium, total (7439-95-4)	☐	☒	Concentration						
				Mass						
20.	Molybdenum, total (7439-98-7)	☐	☒	Concentration						
				Mass						
21.	Manganese, total (7439-96-5)	☐	☒	Concentration						
				Mass						
22.	Tin, total (7440-31-5)	☐	☒	Concentration						
				Mass						
23.	Titanium, total (7440-32-6)	☐	☒	Concentration						
				Mass						

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001
---	----------------------------------	--	-----------------------

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	
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).

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 002
---	----------------------------------	--	-----------------------

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 <i>not</i> 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 <i>not</i> 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								
			Mass								
5. Fluoride (16984-48-8)	☐	☒	Concentration								
			Mass								
6. Nitrate-nitrite	☒	☐	Concentration					X			
			Mass								
7. Nitrogen, total organic (as N)	☒	☐	Concentration					X			
			Mass								
8. Oil and grease	☐	☒	Concentration								
			Mass								
9. Phosphorus (as P), total (7723-14-0)	☒	☐	Concentration					X			
			Mass								
10. Sulfate (as SO ₄) (14808-79-8)	☐	☒	Concentration								
			Mass								
11. Sulfide (as S)	☐	☒	Concentration								
			Mass								

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 002
---	----------------------------------	--	-----------------------

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
12.	Sulfite (as SO ₃) (14265-45-3)	☐	☒	Concentration						
				Mass						
13.	Surfactants	☐	☒	Concentration						
				Mass						
14.	Aluminum, total (7429-90-5)	☐	☒	Concentration						
				Mass						
15.	Barium, total (7440-39-3)	☐	☒	Concentration						
				Mass						
16.	Boron, total (7440-42-8)	☐	☒	Concentration						
				Mass						
17.	Cobalt, total (7440-48-4)	☐	☒	Concentration						
				Mass						
18.	Iron, total (7439-89-6)	☒	☐	Concentration					X	
				Mass						
19.	Magnesium, total (7439-95-4)	☐	☒	Concentration						
				Mass						
20.	Molybdenum, total (7439-98-7)	☐	☒	Concentration						
				Mass						
21.	Manganese, total (7439-96-5)	☐	☒	Concentration						
				Mass						
22.	Tin, total (7440-31-5)	☐	☒	Concentration						
				Mass						
23.	Titanium, total (7440-32-6)	☐	☒	Concentration						
				Mass						

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 002
---	----------------------------------	--	-----------------------

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
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).

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 005
---	----------------------------------	--	-----------------------

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 <i>not</i> 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 <i>not</i> complete the "Presence or Absence" column of Table C for each pollutant.											
1. Bromide (24959-67-9)	☐	☒	Concentration								
			Mass								
2. Chlorine, total residual	☒	☐	Concentration	ug/L	1.92	0.05	0.11	259			
			Mass								
3. Color	☐	☒	Concentration								
			Mass								
4. Fecal coliform	☒	☐	Concentration	mpn/100m	9.46			68			
			Mass								
5. Fluoride (16984-48-8)	☐	☒	Concentration								
			Mass								
6. Nitrate-nitrite	☒	☐	Concentration	mg/L	18.3	13.948	9.09	259			
			Mass								
7. Nitrogen, total organic (as N)	☒	☐	Concentration	mg/L	19.4	18.65	11.35	259			
			Mass	lb/mo		183.61					
8. Oil and grease	☒	☐	Concentration	mg/L	6.1	1.53	1.34	259			
			Mass								
9. Phosphorus (as P), total (7723-14-0)	☒	☐	Concentration	mg/L	0.18	0.10	0.05	259			
			Mass	lb/d	0.41	4.29	0.11	259			
10. Sulfate (as SO ₄) (14808-79-8)	☐	☒	Concentration								
			Mass								
11. Sulfide (as S)	☐	☒	Concentration								
			Mass								

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 005
---	----------------------------------	--	-----------------------

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
12.	Sulfite (as SO ₃) (14265-45-3)	☐	☒	Concentration						
				Mass						
13.	Surfactants	☐	☒	Concentration						
				Mass						
14.	Aluminum, total (7429-90-5)	☐	☒	Concentration						
				Mass						
15.	Barium, total (7440-39-3)	☐	☒	Concentration						
				Mass						
16.	Boron, total (7440-42-8)	☐	☒	Concentration						
				Mass						
17.	Cobalt, total (7440-48-4)	☐	☒	Concentration						
				Mass						
18.	Iron, total (7439-89-6)	☒	☐	Concentration					X	
				Mass						
19.	Magnesium, total (7439-95-4)	☐	☒	Concentration						
				Mass						
20.	Molybdenum, total (7439-98-7)	☐	☒	Concentration						
				Mass						
21.	Manganese, total (7439-96-5)	☐	☒	Concentration						
				Mass						
22.	Tin, total (7440-31-5)	☐	☒	Concentration						
				Mass						
23.	Titanium, total (7440-32-6)	☐	☒	Concentration						
				Mass						

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 005
---	----------------------------------	--	-----------------------

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
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).

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 006
---	----------------------------------	--	-----------------------

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 <i>not</i> 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 <i>not</i> complete the "Presence or Absence" column of Table C for each pollutant.											
1. Bromide (24959-67-9)	☐	☒	Concentration								
			Mass								
2. Chlorine, total residual	☒	☐	Concentration	ug/L	1.92	0.05	0.11	259			
			Mass								
3. Color	☐	☒	Concentration								
			Mass								
4. Fecal coliform	☒	☐	Concentration	mpn/100ml	11.0			88			
			Mass								
5. Fluoride (16984-48-8)	☐	☒	Concentration								
			Mass								
6. Nitrate-nitrite	☒	☐	Concentration	mg/L	18.3	14.45	9.65	259			
			Mass								
7. Nitrogen, total organic (as N)	☒	☐	Concentration	mg/L	19.5	18.65	11.195	259			
			Mass	lb/mo		525.57					
8. Oil and grease	☒	☐	Concentration	mg/L	6.1	1.53	0.74	259			
			Mass								
9. Phosphorus (as P), total (7723-14-0)	☒	☐	Concentration	mg/L	0.18	0.10	0.05	259			
			Mass	lb/d	0.41	4.29	0.11	259			
10. Sulfate (as SO ₄) (14808-79-8)	☐	☒	Concentration								
			Mass								
11. Sulfide (as S)	☐	☒	Concentration								
			Mass								

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 006
---	----------------------------------	--	-----------------------

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
12.	Sulfite (as SO ₃) (14265-45-3)	☐	☒	Concentration						
				Mass						
13.	Surfactants	☐	☒	Concentration						
				Mass						
14.	Aluminum, total (7429-90-5)	☐	☒	Concentration						
				Mass						
15.	Barium, total (7440-39-3)	☐	☒	Concentration						
				Mass						
16.	Boron, total (7440-42-8)	☐	☒	Concentration						
				Mass						
17.	Cobalt, total (7440-48-4)	☐	☒	Concentration						
				Mass						
18.	Iron, total (7439-89-6)	☒	☐	Concentration					X	
				Mass						
19.	Magnesium, total (7439-95-4)	☐	☒	Concentration						
				Mass						
20.	Molybdenum, total (7439-98-7)	☐	☒	Concentration						
				Mass						
21.	Manganese, total (7439-96-5)	☐	☒	Concentration						
				Mass						
22.	Tin, total (7440-31-5)	☐	☒	Concentration						
				Mass						
23.	Titanium, total (7440-32-6)	☐	☒	Concentration						
				Mass						

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 006
---	----------------------------------	--	-----------------------

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	
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).

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001, 002, 005, 006
---	----------------------------------	--	--------------------------------------

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	☐	☒		

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001, 002, 005, 006
---	----------------------------------	--	--------------------------------------

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.	Dinitrobenzene	☐	☒		
30.	Diquat	☐	☒		
31.	Disulfoton	☐	☒		
32.	Diuron	☐	☒		
33.	Epichlorohydrin	☐	☒		
34.	Ethion	☐	☒		
35.	Ethylene diamine	☐	☒		
36.	Ethylene dibromide	☐	☒		
37.	Formaldehyde	☐	☒		
38.	Furfural	☐	☒		

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001, 002, 005, 006
---	----------------------------------	--	--------------------------------------

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	☐	☒		

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001, 002, 005, 006
---	----------------------------------	--	--------------------------------------

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

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	☐	☒		

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001, 002, 005, 006
---	----------------------------------	--	--------------------------------------

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).

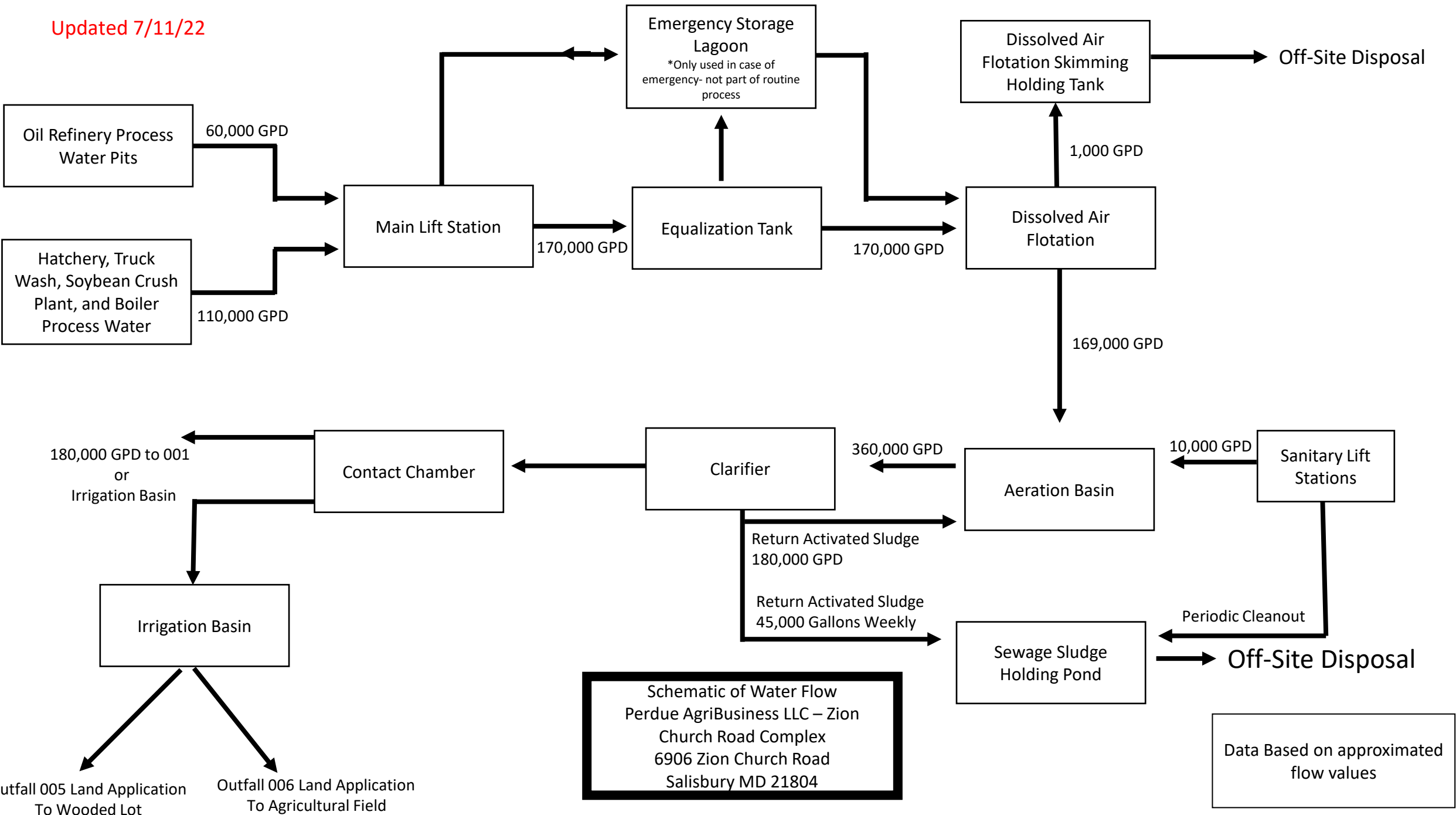
EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001, 002, 005, 006
---	----------------------------------	--	--------------------------------------

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

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	☐	☐	☒	

Updated 7/11/22



Updated 7/11/22

Outfall 001: Operations Contributing to Flow	
Operation	Average Flow (Gallons Per Day)
Sanitary Wastewater	10,000 GPD
Vegetable Oil Refinery	70,000 GPD
Vegetable Oil Refinery Truck Wash	20,000 GPD
Garage and Truck Wash	10,000 GPD
Boiler Blowdown	10,000 GPD
Feedmill	1,000 GPD
Soybean Extraction	70,000 GPD

Outfall 001: Treatment Units		
Operation	Code	Disposal other than Discharge
Equalization Tank, 48 hour retention time	1-O	n/a
Dissolved Air Flotation Unit, 3 hour retention	1-G, 1-H	Sludge off-site Incineration
Aeration Basin, 1 hour retention	3-B	Sludge off-site Incineration
Clarifier, 8 hour retention	1-U	n/a
Contact Chamber, 45 minute retention	2-F, 2-E	n/a

Updated 7/11/22

[illegible][illegible]

Updated 7/11/22

Outfall 005/006: Operations Contributing to Flow	
Operation	Average Flow (Gallons Per Day)
Sanitary Wastewater	10,000 GPD
Vegetable Oil Refinery	70,000 GPD
Vegetable Oil Refinery Truck Wash	20,000 GPD
Garage and Truck Wash	10,000 GPD
Boiler Blowdown	10,000 GPD
Feedmill	1,000 GPD
Soybean Extraction	70,000 GPD

Outfall 005/006: Treatment Units		
Operation	Code	Disposal other than Discharge
Equalization Tank, 48 hour retention time	1-O	n/a
Dissolved Air Flotation Unit, 3 hour retention	1-G, 1-H	Sludge off-site Incineration
Aeration Basin, 1 hour retention	3-B	Sludge off-site Incineration
Clarifier, 8 hour retention	1-U	n/a
Contact Chamber, 45 minute retention	2-F, 2-E	n/a
Irrigation Pond, 50 hour retention	3-F	n/a

Updated 7/11/22

Outfall 006: Operations Contributing to Flow	
Operation	Average Flow (Gallons Per Day)
Sanitary Wastewater	10,000 GPD
Vegetable Oil Refinery	70,000 GPD
Vegetable Oil Refinery Truck Wash	20,000 GPD
Garage and Truck Wash	10,000 GPD
Boiler Blowdown	10,000 GPD
Feedmill	1,000 GPD
Soybean Extraction	70,000 GPD

Outfall 006: Treatment Units		
Operation	Average Flow (Gallons Per Day)	
Equalization Tank, 48 hour retention time	1-O	170,000 GPD
Dissolved Air Flotation Unit, 3 hour retention	1-G, 1-H	170,000 GPD
Aeration Basin, 1 hour retention	3-B	169,000 GPD
Clarifier, 8 hour retention	1-U	180,000 GPD
Contact Chamber, 45 minute retention	2-F, 2-E	180,000 GPD
Irrigation Pond, 50 hour retention	3-F	180,000 GPD

Original Application - February 2021
Form 1 Remains Accurate
Flow Information on Form 2C is Outdated

February 26, 2021

Attn: Paul Hlavinka
Compliance Program
Maryland Department of the Environment
1800 Washington Boulevard, STE 455
Baltimore MD, 21230

State Discharge Permit No. 15DP0359, NPDES Permit MD0000060

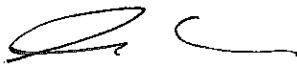
Re: Wastewater Permit Renewal Application Submittal

Mr. Hlavinka,

Perdue AgriBusiness, LLC, is submitting a NPDES permit renewal application for the property located at 6906 Zion Church Road in Salisbury.

If you have any questions regarding this submittal or if you need additional information, please contact me at 410-341-2055 or Jaclyn.Earle@Perdue.com.

Respectfully submitted,



Jaclyn Earle
Regional Environmental Manager
Perdue AgriBusiness, LLC

Attachments:

EPA Form 1 NPDES: Attachment A, Pages 1-4
Topographical Map with Facility Location: Attachment B, Page 5
Workers' Compensation Insurance Coverage Certification: Attachment C, Page 6
Form 2C NPDES: Attachment D, Pages 7-47
Process Line Diagram: Attachment E, Page 48
Outfall 001 Treatment Units and Operations Contributing to Flow: Attachment F, Page 49
Outfall 002 Treatment Units and Operations Contributing to Flow: Attachment G, Page 50
Outfall 005/006 Treatment Units and Operations Contributing to Flow: Attachment H, Page 51

EPA Identification Number 110009684010		NPDES Permit Number MD0000060		Facility Name Perdue AgriBusiness LLC		Form Approved 03/05/19 OMB No. 2040-0004	
Form 1 NPDES				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 <i>Not Required</i> 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 <i>Required</i> 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 Perdue AgriBusiness LLC - Zion Church Road Complex						
	2.2 EPA Identification Number 110009684010						
	2.3 Facility Contact						
	Name (first and last) Jaclyn Earle		Title Regional Environmental Manager		Phone number (410) 341-2055		
	Email address jaclyn.earle@perdue.com						
	2.4 Facility Mailing Address						
Street or P.O. box 6906 Zion Church Road							
City or town Salisbury		State MD		ZIP code 21804			

Original Application - 2/26/21 (Form 1 Current as of 7/2022)

EPA Identification Number 110009684010		NPDES Permit Number MD0000060		Facility Name Perdue AgriBusiness LLC		Form Approved 03/05/19 OMB No. 2040-0004	
---	--	----------------------------------	--	--	--	---	--

Name, Mailing Address, and Location Continued	2.5	Facility Location					
		Street, route number, or other specific identifier 6906 Zion Church Road					
		County name Wicomico			County code (if known)		
		City or town Salisbury			State MD		ZIP code 21804

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

SIC and NAICS Codes	3.1	SIC Code(s)		Description (optional)		
		2040		Grain Mill Products		
		2075		Soybean Oil Mills		
		0254		Poultry Hatchery		
		2048, 7699		Prepared Feeds and Feed Ingred., Industrial Truck Repair		
	3.2	NAICS Code(s)		Description (optional)		
		311211		Grain Mill Products		
		311224		Soybean Oil Mills		
		112340		Poultry Hatchery		
		311119,811111		Prepared Feeds and Feed Ingred., Industrial Truck Repair		

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

Operator Information	4.1	Name of Operator					
		Perdue AgriBusiness 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						
	(410) 341-2055						

Operator Information Continued	4.5	Operator Address					
		Street or P.O. Box 6906 Zion Church Road					
		City or town Salisbury			State MD		ZIP code 21804
		Email address of operator Jaclyn.Earle@perdue.com					

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

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

Original Application - 2/26/21 (Form 1 Current as of 7/2022)

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Form Approved 03/05/19 OMB No. 2040-0004
---	----------------------------------	--	---

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) MD0000060, MDR003337	☐ 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) Title V: 24-045-0042

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 Perdue AgriBusiness LLC - Zion Church Road Complex is a producer of commercial poultry products, poultry feed, soybean products, and soybean oil products for wholesale and retail. The processing areas of the facility can be described as follows: 1. Grain Storage and Handling 2. Poultry Feed Production 3. Soybean Processing 4. Vegetable Oil Refining 5. Poultry Hatchery 6. Vehicle Maintenance

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.)
		Groundwater Well

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	

Original Application - 2/26/21 (Form 1 Current as of 7/2022)

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Form Approved 03/05/19 OMB No. 2040-0004
---	----------------------------------	--	---

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. <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">Column 1</th> <th style="width: 50%; text-align: center;">Column 2</th> </tr> </thead> <tbody> <tr> <td>☒ Section 1: Activities Requiring an NPDES Permit</td> <td>☐ w/ attachments</td> </tr> <tr> <td>☒ Section 2: Name, Mailing Address, and Location</td> <td>☐ w/ attachments</td> </tr> <tr> <td>☒ Section 3: SIC Codes</td> <td>☐ w/ attachments</td> </tr> <tr> <td>☒ Section 4: Operator Information</td> <td>☐ w/ attachments</td> </tr> <tr> <td>☒ Section 5: Indian Land</td> <td>☐ w/ attachments</td> </tr> <tr> <td>☒ Section 6: Existing Environmental Permits</td> <td>☐ w/ attachments</td> </tr> <tr> <td>☒ Section 7: Map</td> <td>☒ w/ topographic map ☐ w/ additional attachments</td> </tr> <tr> <td>☒ Section 8: Nature of Business</td> <td>☐ w/ attachments</td> </tr> <tr> <td>☒ Section 9: Cooling Water Intake Structures</td> <td>☐ w/ attachments</td> </tr> <tr> <td>☒ Section 10: Variance Requests</td> <td>☐ w/ attachments</td> </tr> <tr> <td>☒ Section 11: Checklist and Certification Statement</td> <td>☐ w/ attachments</td> </tr> </tbody> </table>	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
	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>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.</i> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> Name (print or type first and last name) Susan Murphy </td> <td style="width: 50%; padding: 5px;"> Official title Director Environmental Services & Sustainability </td> </tr> <tr> <td style="padding: 5px;"> Signature Susan A. Murphy </td> <td style="padding: 5px;"> Date signed 02/26/21 </td> </tr> </table>	Name (print or type first and last name) Susan Murphy	Official title Director Environmental Services & Sustainability	Signature Susan A. Murphy	Date signed 02/26/21																				
Name (print or type first and last name) Susan Murphy	Official title Director Environmental Services & Sustainability																									
Signature Susan A. Murphy	Date signed 02/26/21																									

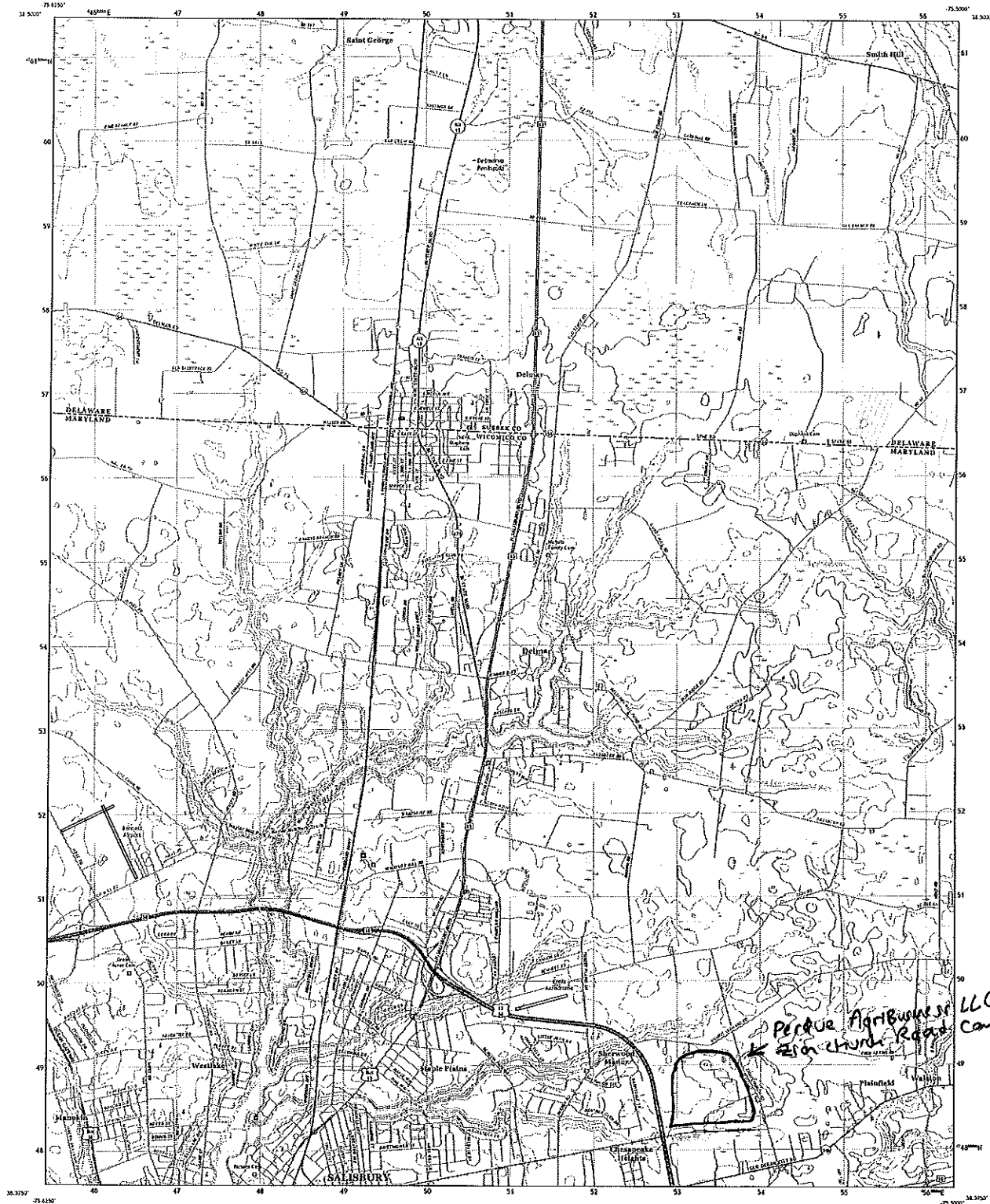
4/51



U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



DELMAR QUADRANGLE
MOUNTAIN - DELAWARE
7.5-MINUTE SERIES

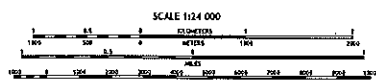
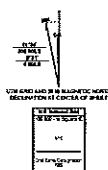


Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84) Projection and
1983 datum geoid model (GEOID13) are used. Zone 18S.

This map is not a legal document. Boundary lines are
generalized for this map only. Property lines are not shown.
For detailed information, consult the appropriate local
government records.

Map Date: 2019, August 2019, September 2019
Map Scale: 1:24,000
Map Series: 7.5-Minute Series
Map Sheet: 18S
Map Date: 2019, August 2019, September 2019
Map Scale: 1:24,000
Map Series: 7.5-Minute Series
Map Sheet: 18S



CONTINENTAL SHEET 1:250,000
NORTH AMERICAN DATUM OF 1983

This map was produced by the U.S. Geological Survey
for the National Geospatial Program (NGP) from the National
Geographic Data Center (NGDC) and the National
Geographic Information Center (NGIC).



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

ROAD CLASSIFICATION
Expressway
Secondary Road
Local Road
Ramp
Interstate Route
US Route
State Route

DELMAR, MD, DE
2019

S/S1

Original Application - 2/26/21 (Form Remains Current as of 7/2022)
MARYLAND DEPARTMENT OF THE ENVIRONMENT

Attachment C

CERTIFICATION

☒ I certify that the applicant is covered by workers' compensation insurance as required by Title 9 of the Labor and Employment Article.

Name of Insurance Provider:

Zurich American Insurance

Address of Insurance Provider:

1299 Zurich Way, Schaumburg IL 60196-1056

Insurance Policy or Binder Number:

EWS 4020223-04

☐ I certify that the applicant is eligible to apply for a Certificate of Compliance from the Maryland Workers' Compensation Commission for the reason or reasons listed on the line below. I hereby request that the Maryland Department of the Environment provide to me an application form for said certificate.

Reason(s) for eligibility to receive Certificate of Compliance:

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and with all attachments hereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name & Title (Please Print) <i>Susan A. Murphy</i> <i>Director, Environmental Svcs & Sustainability</i>	Phone Number <i>443-493-0786</i>
Signature <i>Susan A. Murphy</i>	Date Signed <i>02/26/21</i>



6/51

EPA Identification Number 110009684010		NPDES Permit Number MD0000060		Facility Name Perdue AgriBusiness LLC		Form Approved 03/05/19 OMB No. 2040-0004	
Form 2C NPDES			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	
		001	Peggy Branch	38° 23' 2.08" N		75° 31' 51.70" W	
		005	Land App. to woods	38° 23' 16.85" N		75° 32' 1.69" W	
		006	Land App. to field	38° 23' 4.61" N		75° 32' 4.93" W	
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 001					
		Operations Contributing to Flow					
		Operation	Average Flow				
		Attached: "Outfall 001: Operations Contributing to 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			
	Attached: "Outfall 001: Treatment Units"						

EPA Identification Number 110009684010		NPDES Permit Number MD0000060		Facility Name Perdue AgriBusiness LLC		Form Approved 03/05/19 OMB No. 2040-0004	
Form 2C NPDES		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	
		002	Peggy Branch	38°	23'	02" N	75° 31' 54" W
				°	'	" N	° ' " W
				°	'	" N	° ' " W
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 002					
		Operations Contributing to Flow					
		Operation	Average Flow				
		Attached: "Outfall 002: Operations Contributing to 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			
	Attached: "Outfall 002: Treatment Units"						

EPA Identification Number 110009684010		NPDES Permit Number MD0000060		Facility Name Perdue AgriBusiness LLC		Form Approved 03/05/19 OMB No. 2040-0004		
Average Flows and Treatment Continued	3.1 cont.	**Outfall Number** 005						
		Operations Contributing to Flow						
		Operation				Average Flow		
		Attached: Outfall 005/006: Operations Contributing to 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
		Attached: Outfall 005/006: Operations Contributing to Flow						
		Outfall Number 006						
		Operations Contributing to Flow						
		Operation				Average Flow		
		Attached: Outfall 005/006: Operations Contributing to 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
		Attached: Outfall 005/006: Operations Contributing to Flow						
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						

EPA Identification Number 110009684010		NPDES Permit Number MD0000060		Facility Name Perdue AgriBusiness LLC		Form Approved 03/05/19 OMB No. 2040-0004		
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
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		
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	

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Form Approved 03/05/19 OMB No. 2040-0004
---	----------------------------------	--	---

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	

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Form Approved 03/05/19 OMB No. 2040-0004
---	----------------------------------	--	---

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 N/A	
	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 <i>qualitative</i> 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.

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Form Approved 03/05/19 OMB No. 2040-0004
---	----------------------------------	--	---

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	ENVIROCORP LABORATORIES INC.		
	Laboratory address	51 CLARK STREET, HARRINGTON, DE 19952		
	Phone number	(302) 398-4313		
	Pollutant(s) analyzed	All testing listed conducted by Envirocorp Laboratories		

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 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Form Approved 03/05/19 OMB No. 2040-0004
---	---------------------	--	---

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/ small business exemption request ☒ w/ Table A ☒ w/ Table C ☒ w/ Table E ☐ w/ explanation for identical outfalls ☐ w/ other attachments ☒ w/ Table B ☒ w/ Table D ☐ 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>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.</i>	
	Name (print or type first and last name) Susan Murphy	Official title Director Environmental Services & Sustainability	
	Signature <i>Susan G. Murphy</i>	Date signed 02/26/21	

EPA Identification Number 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 001
---	---------------------	--	-----------------------

TABLE A: CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(iii))¹

Pollutant	Waiver Requested (if applicable)	Units (specify)	Effluent			Intake (Optional)	
			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value
☐ 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	16.6	4.13	0.73	164	
		Mass lb/d	39.36	7.58	1.54	164	
2. Chemical oxygen demand (COD)	☐	Concentration mg/l	19.7			2	
		Mass					
3. Total organic carbon (TOC)	☐	Concentration mg/l	4.1			2	
		Mass					
4. Total suspended solids (TSS)	☐	Concentration mg/l	4.4	6.8	2.41	164	
		Mass					
5. Ammonia (as N)	☐	Concentration mg/l	5.12			4	
		Mass					
6. Flow	☐	Rate MGD	0.38		0.28	164	
7. Temperature (winter)	☐	°C	16.8			4	
Temperature (summer)	☐	°C	26.8			4	
pH (minimum)	☐	Standard units s.u.	6.53			164	
pH (maximum)	☐	Standard units s.u.	8.3			164	

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).

14/51

EPA Identification Number 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 002
---	---------------------	--	-----------------------

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

Pollutant	Waiver Requested (if applicable)	Units (specify)	Effluent			Intake (Optional)	
			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Long-Term Average Value	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 Mass					
2. Chemical oxygen demand (COD)	☐	Concentration Mass					
3. Total organic carbon (TOC)	☐	Concentration Mass					
4. Total suspended solids (TSS)	☐	Concentration Mass					
5. Ammonia (as N)	☐	Concentration Mass					
6. Flow	☐	Rate					
7. Temperature (winter)	☐	°C					
Temperature (summer)	☐	°C					
pH (minimum)	☐	Standard units					
pH (maximum)	☐	Standard units					

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).

This outfall has had no discharge since 2010

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 005
---	----------------------------------	--	-----------------------

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

Pollutant	Waiver Requested (if applicable)	Units (specify)	Effluent			Intake (Optional)	
			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value
☐ 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	16.6			164	
2. Chemical oxygen demand (COD)	☐	Concentration mg/l	43.3			2	
3. Total organic carbon (TOC)	☐	Concentration mg/l	11.3			2	
4. Total suspended solids (TSS)	☐	Concentration mg/l	23			2	
5. Ammonia (as N)	☐	Concentration mg/l	0.33			2	
6. Flow	☐	Rate MGD	.893282			68	
7. Temperature (winter)	☐	°C	16.8			4	
Temperature (summer)	☐	°C	26.8			4	
pH (minimum)	☐	Standard units s.u.	6.53			164	
pH (maximum)	☐	Standard units s.u.	8.3			164	

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).

17/51

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 006
---	----------------------------------	--	-----------------------

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

	Pollutant	Waiver Requested (if applicable)	Units (specify)	Effluent			Intake (Optional)	
				Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Long-Term Average Value	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	16.6			164	
2.	Chemical oxygen demand (COD)	☐	Concentration mg/l	43.3			2	
3.	Total organic carbon (TOC)	☐	Concentration mg/l	11.3			2	
4.	Total suspended solids (TSS)	☐	Concentration mg/l	23			2	
5.	Ammonia (as N)	☐	Concentration mg/l	0.33			2	
6.	Flow	☐	Rate MGD	.893282			68	
7.	Temperature (winter)	☐	°C	16.8			4	
	Temperature (summer)	☐	°C	26.8			4	
	pH (minimum)	☐	Standard units s.u.	6.53			164	
8.	pH (maximum)	☐	Standard units s.u.	8.3			164	

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).

Form Approved 03/05/19
OMB No. 2040-0004Outfall Number
001,002,005,006Facility Name
Perdue AgriBusiness LLC

NPDES Permit Number

EPA Identification Number
110009684010**TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))**

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
☐ 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 Mass					
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					

19/51

EPA Identification Number 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 001,002,005,006
---	---------------------	--	-----------------------------------

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 Mass							
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 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 001,002,005,006
---	---------------------	--	-----------------------------------

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

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						

21/51

EPA Identification Number 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 001,002,005,006
---	---------------------	--	-----------------------------------

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

22/51

EPA Identification Number 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 001,002,005,006
---	---------------------	--	-----------------------------------

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)	Presence or Absence (check one)		Units (specify)	Effluent			Intake (optional)				
	Testing Required	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 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 001,002,005,006
---	---------------------	--	-----------------------------------

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 Dibenz (a,h) anthracene (53-70-3)	☐	☐	☒	Concentration Mass						

24/51

EPA Identification Number 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 001,002,005,006
---	---------------------	--	-----------------------------------

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)	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)		
	Testing Required	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						

25/31

EPA Identification Number 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 001,002,005,006
---	---------------------	--	-----------------------------------

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

Pollutant/Parameter (and CAS Number, if available)	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)			
	Testing Required	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							

25/51

EPA Identification Number 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 001,002,005,006
---	---------------------	--	-----------------------------------

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							

22
51

EPA Identification Number 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 001,002,005,006
---	---------------------	--	-----------------------------------

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						

28/51

EPA Identification Number 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 001,002,005,006
---	---------------------	--	-----------------------------------

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).

EPA Identification Number 110009684010	NPDES Permit Number MD00000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001
---	-----------------------------------	--	-----------------------

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
1. Bromide (24959-67-9)	☐	☒	Concentration Mass							
2. Chlorine, total residual	☐	☒	Concentration Mass							
3. Color	☐	☒	Concentration Mass							
4. Fecal coliform	☒	☐	Concentration Mass	23 · 3					80	
5. Fluoride (16984-48-8)	☐	☒	Concentration Mass							
6. Nitrate-nitrite	☒	☐	Concentration Mass	20.44	15.29	8.045			164	
7. Nitrogen, total organic (as N)	☒	☐	Concentration Mass	21.8	16.23	12.7			164	
8. Oil and grease	☒	☐	Concentration Mass	5	1.25	0.3			164	
9. Phosphorus (as P), total (7723-14-0)	☒	☐	Concentration Mass	0.14	0.07	0.03			164	
10. Sulfate (as SO ₄) (14808-79-8)	☐	☒	Concentration Mass							
11. Sulfide (as S)	☐	☒	Concentration Mass							

☐ 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.

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

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001
---	----------------------------------	--	-----------------------

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
12. Sulfite (as SO ₃) (14265-45-3)	☐	☒	Concentration Mass						
13. Surfactants	☐	☒	Concentration Mass						
14. Aluminum, total (7429-90-5)	☐	☒	Concentration Mass						
15. Barium, total (7440-39-3)	☐	☒	Concentration Mass						
16. Boron, total (7440-42-8)	☐	☒	Concentration Mass						
17. Cobalt, total (7440-48-4)	☐	☒	Concentration Mass						
18. Iron, total (7439-89-6)	☒	☐	Concentration Mass						
19. Magnesium, total (7439-95-4)	☐	☒	Concentration Mass						
20. Molybdenum, total (7439-98-7)	☐	☒	Concentration Mass						
21. Manganese, total (7439-96-5)	☐	☒	Concentration Mass						
22. Tin, total (7440-31-5)	☐	☒	Concentration Mass						
23. Titanium, total (7440-32-6)	☐	☒	Concentration Mass						

31/51

EPA Identification Number 110009684010	NPDES Permit Number MD00000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 001
---	-----------------------------------	--	-----------------------

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).

EPA Identification Number 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 002
---	---------------------	--	-----------------------

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	
1. Bromide (24959-57-9)	☐	☒	Concentration Mass							
2. Chlorine, total residual	☐	☒	Concentration Mass							
3. Color	☐	☒	Concentration Mass							
4. Fecal coliform	☐	☒	Concentration Mass							
5. Fluoride (16984-48-8)	☐	☒	Concentration Mass							
6. Nitrate-nitrite	☒	☐	Concentration Mass	Naturally Occurring						
7. Nitrogen, total organic (as N)	☒	☐	Concentration Mass	Naturally Occurring						
8. Oil and grease	☐	☒	Concentration Mass							
9. Phosphorus (as P), total (7723-14-0)	☒	☐	Concentration Mass	Naturally Occurring						
10. Sulfate (as SO ₄) (14808-79-8)	☐	☒	Concentration Mass							
11. Sulfide (as S)	☐	☒	Concentration Mass							

☐ 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.

EPA Identification Number 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 002
---	---------------------	--	-----------------------

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	
12. Sulfite (as SO ₃) (14265-45-3)	☐	☒	Concentration Mass							
13. Surfactants	☐	☒	Concentration Mass							
14. Aluminum, total (7429-90-5)	☐	☒	Concentration Mass							
15. Barium, total (7440-39-3)	☐	☒	Concentration Mass							
16. Boron, total (7440-42-8)	☐	☒	Concentration Mass							
17. Cobalt, total (7440-48-4)	☐	☒	Concentration Mass							
18. Iron, total (7439-89-6)	☒	☐	Concentration Mass	Naturally Occurring						
19. Magnesium, total (7439-95-4)	☐	☒	Concentration Mass							
20. Molybdenum, total (7439-98-7)	☐	☒	Concentration Mass							
21. Manganese, total (7439-96-5)	☐	☒	Concentration Mass							
22. Tin, total (7440-31-5)	☐	☒	Concentration Mass							
23. Titanium, total (7440-32-6)	☐	☒	Concentration Mass							

31/51

EPA Identification Number 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 002
---	---------------------	--	-----------------------

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).

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 005
---	----------------------------------	--	-----------------------

TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))

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	
1. Bromide (24959-67-9)	☐	☒	Concentration Mass							
2. Chlorine, total residual	☐	☒	Concentration Mass							
3. Color	☐	☒	Concentration Mass							
4. Fecal coliform	☒	☐	Concentration Mass	mpn/100ml	23.3				80	
5. Fluoride (16984-48-8)	☐	☒	Concentration Mass							
6. Nitrate-nitrite	☒	☐	Concentration Mass	mg/l	20.44	15.29	8.045		164	
7. Nitrogen, total organic (as N)	☒	☐	Concentration Mass	mg/l	21.8	16.23	12.7		164	
8. Oil and grease	☒	☐	Concentration Mass	mg/l	5	1.25	0.3		164	
9. Phosphorus (as P), total (7723-14-0)	☒	☐	Concentration Mass	mg/l	0.14	0.07	0.03		164	
10. Sulfate (as SO ₄) (14808-79-8)	☐	☒	Concentration Mass							
11. Sulfide (as S)	☐	☒	Concentration Mass							

☐ 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.

36/51

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 005
---	----------------------------------	--	-----------------------

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	
12. Sulfite (as SO ₃) (14265-45-3)	☐	☒	Concentration Mass							
13. Surfactants	☐	☒	Concentration Mass							
14. Aluminum, total (7429-90-5)	☐	☒	Concentration Mass							
15. Barium, total (7440-39-3)	☐	☒	Concentration Mass							
16. Boron, total (7440-42-8)	☐	☒	Concentration Mass							
17. Cobalt, total (7440-48-4)	☐	☒	Concentration Mass							
18. Iron, total (7439-89-6)	☒	☐	Concentration Mass							
19. Magnesium, total (7439-95-4)	☐	☒	Concentration Mass							
20. Molybdenum, total (7439-98-7)	☐	☒	Concentration Mass							
21. Manganese, total (7439-96-5)	☐	☒	Concentration Mass							
22. Tin, total (7440-31-5)	☐	☒	Concentration Mass							
23. Titanium, total (7440-32-6)	☐	☒	Concentration Mass							

37/51

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 005
---	----------------------------------	--	-----------------------

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)	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).

38/51

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 006
---	----------------------------------	--	-----------------------

TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))

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
1. Bromide (24959-57-9)	☐	☒	Concentration Mass							
2. Chlorine, total residual	☐	☒	Concentration Mass							
3. Color	☐	☒	Concentration Mass							
4. Fecal coliform	☒	☐	Concentration Mass	23 - 3 mpn/100ml					80	
5. Fluoride (16984-48-8)	☐	☒	Concentration Mass							
6. Nitrate-nitrite	☒	☐	Concentration Mass	20.44 mg/l	15.29	8.045			164	
7. Nitrogen, total organic (as N)	☒	☐	Concentration Mass	21.8 mg/l	16.23	12.7			164	
8. Oil and grease	☒	☐	Concentration Mass	5 mg/l	1.25	0.3			164	
9. Phosphorus (as P), total (7723-14-0)	☒	☐	Concentration Mass	0.14 mg/l	0.07	0.03			164	
10. Sulfate (as SO ₄) (14808-79-8)	☐	☒	Concentration Mass							
11. Sulfide (as S)	☐	☒	Concentration Mass							

☐ 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.

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 006
---	----------------------------------	--	-----------------------

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	
12. Sulfite (as SO ₃) (14265-45-3)	☐	☒	Concentration Mass					
13. Surfactants	☐	☒	Concentration Mass					
14. Aluminum, total (7429-90-5)	☐	☒	Concentration Mass					
15. Barium, total (7440-39-3)	☐	☒	Concentration Mass					
16. Boron, total (7440-42-8)	☐	☒	Concentration Mass					
17. Cobalt, total (7440-48-4)	☐	☒	Concentration Mass					
18. Iron, total (7439-89-6)	☒	☐	Concentration Mass					
19. Magnesium, total (7439-95-4)	☐	☒	Concentration Mass					
20. Molybdenum, total (7439-98-7)	☐	☒	Concentration Mass					
21. Manganese, total (7439-96-5)	☐	☒	Concentration Mass					
22. Tin, total (7440-31-5)	☐	☒	Concentration Mass					
23. Titanium, total (7440-32-6)	☐	☒	Concentration Mass					

50/41

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

EPA Identification Number 110009684010	NPDES Permit Number MD0000060	Facility Name Perdue AgriBusiness LLC	Outfall Number 006
---	----------------------------------	--	-----------------------

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).

41/51

EPA Identification Number 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 001,002,005,006
---	---------------------	--	-----------------------------------

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. Benzotrile	☐	☒		
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	☐	☒		

42/51

EPA Identification Number 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 001,002,005,006
---	---------------------	--	-----------------------------------

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. Dichlorone	☐	☒		
25. 2,2-dichloropropionic acid	☐	☒		
26. Dichlorvos	☐	☒		
27. Diethyl amine	☐	☒		
28. Dimethyl amine	☐	☒		
29. Dinitrobenzene	☐	☒		
30. Diquat	☐	☒		
31. Disulfoton	☐	☒		
32. Diuron	☐	☒		
33. Epichlorohydrin	☐	☒		
34. Ethion	☐	☒		
35. Ethylene diamine	☐	☒		
36. Ethylene dibromide	☐	☒		
37. Formaldehyde	☐	☒		
38. Furfural	☐	☒		

EPA Identification Number 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 001,002,005,006
---	---------------------	--	-----------------------------------

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))

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	☐	☒		

EPA Identification Number 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 001,002,005,006
---	---------------------	--	-----------------------------------

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	☐	☒		

45/51

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

EPA Identification Number 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 001,002,005,006
---	---------------------	--	-----------------------------------

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	☐	☒		

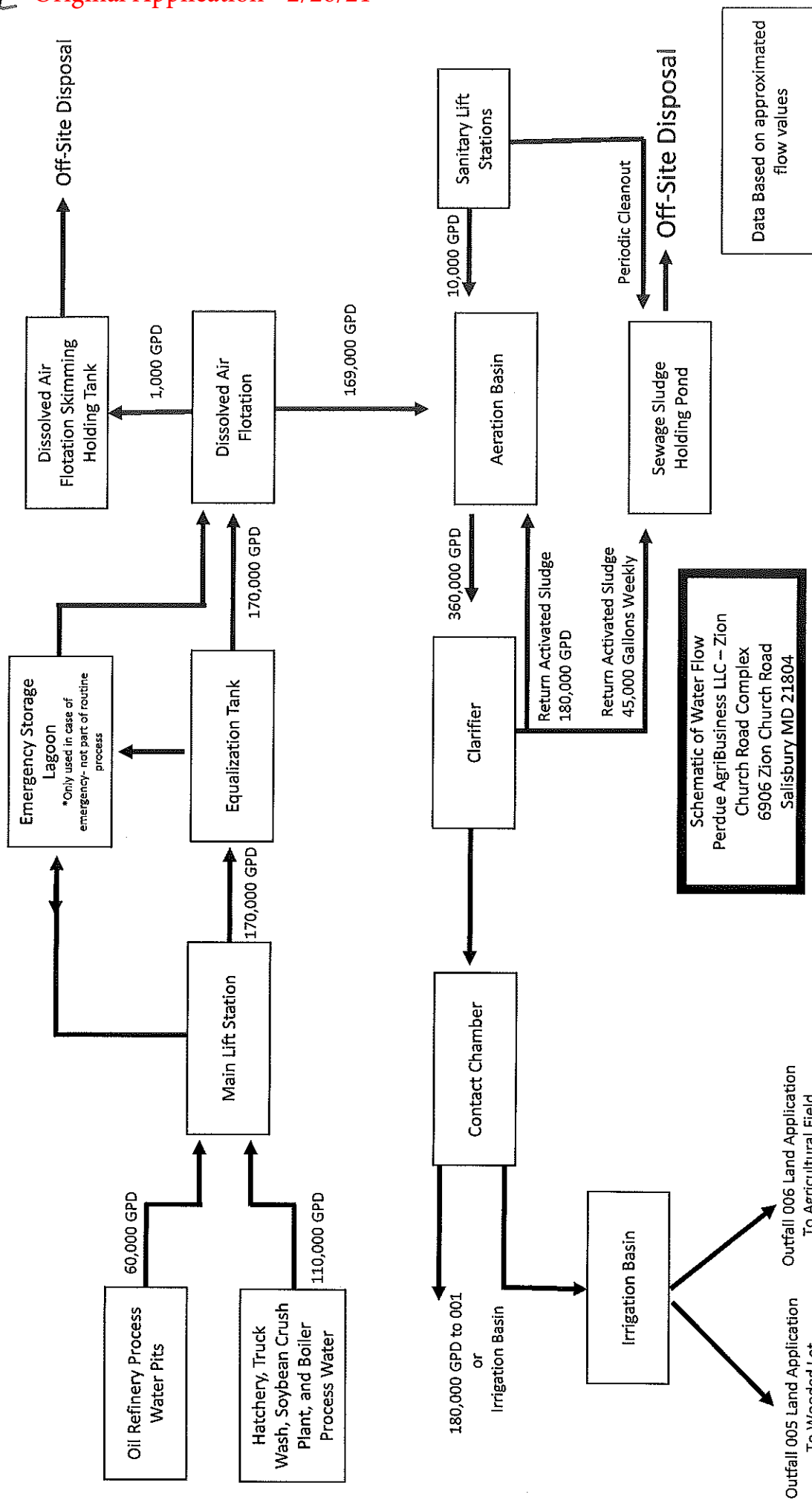
¹ Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

EPA Identification Number 110009684010	NPDES Permit Number	Facility Name Perdue AgriBusiness LLC	Outfall Number 001,002,005,006
---	---------------------	--	-----------------------------------

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	☐	☐	☒	

47/51



Outfall 001: Operations Contributing to Flow	
Operation	Average Flow (Gallons Per Day)
Sanitary Wastewater	10,000 GPD
Vegetable Oil Refinery	60,000 GPD
Vegetable Oil Refinery Truck Wash	10,000 GPD
Garage and Truck Wash	10,000 GPD
Boiler Blowdown	5,000 GPD
Feedmill	1,000 GPD
Soybean Extraction	50,000 GPD

Outfall 001: Treatment Units		
Operation	Code	Disposal other than Discharge
Equalization Tank, 48 hour retention time	1-O	n/a
Dissolved Air Flotation Unit, 3 hour retention	1-G, 1-H	Sludge off-site Incineration
Aeration Basin, 1 hour retention	3-B	Sludge off-site Incineration
Clarifier, 8 hour retention	1-U	n/a
Contact Chamber, 45 minute retention	2-F, 2-E	n/a

Outfall 002: Operations Contributing to Flow	
Operation	Average Flow (Gallons Per Day)
Non-Contact Cooling Water from Soybean Plant	500,000 GPD

Outfall 002: Treatment Units		
Operation	Code	Disposal other than Discharge
pH Adjustment	2-K	n/a

Outfall 005/006: Operations Contributing to Flow	
Operation	Average Flow (Gallons Per Day)
Sanitary Wastewater	10,000 GPD
Vegetable Oil Refinery	60,000 GPD
Vegetable Oil Refinery Truck Wash	10,000 GPD
Garage and Truck Wash	10,000 GPD
Boiler Blowdown	5,000 GPD
Feedmill	1,000 GPD
Soybean Extraction	50,000 GPD

Outfall 005/006: Treatment Units		
Operation	Code	Disposal other than Discharge
Equalization Tank, 48 hour retention time	1-O	n/a
Dissolved Air Flotation Unit, 3 hour retention	1-G, 1-H	Sludge off-site Incineration
Aeration Basin, 1 hour retention	3-B	Sludge off-site Incineration
Clarifier, 8 hour retention	1-U	n/a
Contact Chamber, 45 minute retention	2-F, 2-E	n/a
Irrigation Pond, 50 hour retention	3-F	n/a