



ENVIRONMENTAL
QUALITY

OFFICE OF WATER QUALITY INSPECTION REPORT

AFIN: 35-00149 PERMIT #: AR0033316 DATE: 7/1/2021
 COUNTY: 35 Jefferson PDS #: 117524 MEDIA: WN
 GPS LAT: 34.264858 LONG: -92.072689 LOCATION: Entrance

FACILITY INFORMATION		INSPECTION INFORMATION			
NAME: Tyson Foods - Pine Bluff Poult LOCATION: 5505 N. Jefferson Pkwy CITY: Pine Bluff, AR 71602		FACILITY TYPE: 2 - Industrial		INSPECTOR ID#: 101531 S - State	
		FACILITY EVALUATION RATING: 5 - Satisfactory		INSPECTION TYPE: Industrial User	
		DATE(S): 7/1/2021	ENTRY TIME: 13:32	EXIT TIME: 13:50	PERMIT EFFECTIVE DATE: 7/1/2015
		PERMIT EXPIRATION DATE: 6/30/2020			
RESPONSIBLE OFFICIAL		FAYETTEVILLE SHALE RELATED: ***			
NAME: / TITLE Gary Farrell / Environmental Manager COMPANY: Tyson Foods Inc. MAILING ADDRESS: 5505 N. Jefferson Pkwy CITY, STATE, ZIP: Pine Bluff AR 71602 PHONE & EXT: / FAX: 870-247-9127 / EMAIL:		FAYETTEVILLE SHALE VIOLATIONS: ***			
		INSPECTION PARTICIPANTS			
		NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Vincent Miles/Boyd Point WWTF Brittanie Gloyd/ADEQ OWQ D8 Inspector Trey Butler/ADEQ OWQ D8 Inspector			
CONTACTED DURING INSPECTION: Yes					

AREA EVALUATIONS					
(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)					
S	PERMIT	**	FLOW MEASUREMENT	**	STORMWATER
**	RECORDS/REPORTS	**	LABORATORY	**	FACILITY SITE REVIEW
**	OPERATION & MAINTENANCE	**	EFFLUENT/RECEIVING WATER	**	SELF-MONITORING PROGRAM
**	SAMPLING	**	SLUDGE HANDLING/DISPOSAL	S	PRETREATMENT
S	OTHER: Pretreatment Program				

SUMMARY OF FINDINGS


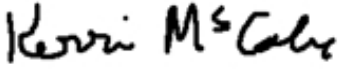
No violations observed at time of inspection.

GENERAL COMMENTS

On July 1, 2021, I performed an Industrial User visit at Tyson Foods, Inc. – Pine Bluff poultry plant for the PCI with Boyd Point Wastewater Treatment Facility (WWTF) with the above participants in attendance. Tyson Foods, Inc. is a Significant Industrial User (SIU) and a non-categorical industry. Discharges to Boyd Point WWTF from Tyson Foods, Inc. consist of poultry processing wastewater that has been treated through a process of chemical flocculation and Dissolved Air Flotation (DAF). This inspection consisted of a facility evaluation of the pretreatment program at Tyson Foods, Inc.

Facility Evaluation:

Representatives of Boyd Point WWTF are extremely familiar with the processes of the wastewater treatment system at Tyson Foods, Inc. Representatives of Tyson Foods, Inc. maintain a very good working relationship with Boyd Point WWTF. All sampling and analysis is completed by Boyd Point WWTF and the employees of Tyson Foods, Inc. are maintaining the pretreatment unit. Influent wastewater is collected in a large aboveground tank (see Photos 1-2), and there is some runoff collected from the trailer area and marinating floor (see Photo 3). Wastewater enters the building and is routed passed the DAF units (see Photo 4) and chemical flocculation is achieved (see Photos 5-6). Wastewater then enters the DAF units and the solids are floated to the top and skimmed off (see Photos 7-9). Following DAF treatment, the treated wastewater is routed to a flow device (see Photo 10) and sampled by Boyd Point WWTF at a representative sample point (see Photos 11-12). There were no issues with the pretreatment program at Tyson Foods, Inc. – Pine Bluff poultry plant.

INSPECTOR'S SIGNATURE:  Michael Young	DATE: 8/6/2021
SUPERVISOR'S SIGNATURE:  Kerri McCabe	DATE: 9/20/2021

Industrial Site Visit

Name of Industry: Tyson Foods Inc.

Industry Contacts: Gary Farrell

Type of Industry: Poultry Processing

Date of Visit:

- | | | | | |
|-----|--|-----------|---------|-----------|
| 1. | Significant industrial user: | X_____Yes | _____No | _____N/A |
| 2. | Pretreatment equipment or procedures? | X_____Yes | _____No | _____N/A |
| 3. | Pretreatment equipment maintained and operational? | X_____Yes | _____No | _____N/A |
| 4. | Hazardous waste generated or stored? | X_____Yes | _____No | _____N/A |
| 5. | Proper solid waste disposal? | X_____Yes | _____No | _____N/A |
| 6. | Solvent management/TTO control? | X_____Yes | _____No | _____N/A |
| 7. | Suitable sampling location? | X_____Yes | _____No | _____N/A |
| 8. | Appropriate self-monitoring procedures/equipment? | _____Yes | _____No | X_____N/A |
| 9. | Adequate spill prevention? | X_____Yes | _____No | _____N/A |
| 10. | Industry familiar with limits and requirements? | X_____Yes | _____No | _____N/A |

Additional Comments:

Office of Water Quality Photographic Evidence Sheet

Location:	Tyson Foods - Pine Bluff Poul				
Photographer:	Michael Young	Date:	07/01/2021	Time:	13:38
Witness:				Photo #:	1
Description:	Aboveground storage tank for influent wastewater.				



Photographer:	Michael Young	Date:	07/01/2021	Time:	13:38
Witness:				Photo #:	2
Description:	Aboveground storage tank for influent wastewater.				



Office of Water Quality Photographic Evidence Sheet

Location:	Tyson Foods - Pine Bluff Poul		
Photographer:	Michael Young	Date:	07/01/2021
Time:	13:39	Witness:	
Photo #:	3	Description: Water from trailer clean-off and marinating plant.	



Photographer:	Michael Young	Date:	07/01/2021
Time:	13:42	Witness:	
Photo #:	4	Description: Bottom of DAF units.	



Office of Water Quality Photographic Evidence Sheet

Location:	Tyson Foods - Pine Bluff Poul		
Photographer:	Michael Young	Date:	07/01/2021
Time:	13:43	Witness:	
Photo #:	5	Description: Dosing equipment for chemical additives.	



Photographer:	Michael Young	Date:	07/01/2021
Time:	13:43	Witness:	
Photo #:	6	Description: Chemical additives and holding tank.	



Office of Water Quality Photographic Evidence Sheet

Location:	Tyson Foods - Pine Bluff Poul				
Photographer:	Michael Young	Date:	07/01/2021	Time:	13:44
Witness:				Photo #:	7
Description:	Solids from DAF unit collected for disposal through contract with Denali Water Solutions.				



Photographer:	Michael Young	Date:	07/01/2021	Time:	13:44
Witness:				Photo #:	8
Description:	Water off of DAF after removal of fats and solids.				



Office of Water Quality Photographic Evidence Sheet

Location:	Tyson Foods - Pine Bluff Poul		
Photographer:	Michael Young	Date:	07/01/2021
Witness:		Time:	13:45
		Photo #:	9
Description:	Flotsam from the DAF unit floated to the top of the unit.		



Photographer:	Michael Young	Date:	07/01/2021
Witness:		Time:	13:45
		Photo #:	10
Description:	Discharge location after DAF units.		



Office of Water Quality Photographic Evidence Sheet

Location:	Tyson Foods - Pine Bluff Poul				
Photographer:	Michael Young	Date:	07/01/2021	Time:	13:46
Witness:		Photo #:	11		
Description:	Sampling location for pretreatment sampling.				



Photographer:	Michael Young	Date:	07/01/2021	Time:	13:46
Witness:		Photo #:	12		
Description:	Final discharge location to Boyd Point WWTF.				



Figure 1. Overview of Tyson Foods, Inc. – Pine Bluff Poultry Plant with the locations of the wastewater treatment units indicated.

