



NONCOMPLIANCE 24-HOUR NOTIFICATION REPORT

State Form 52415 (R / 10-13)
Indiana Department of Environmental Management
Office of Water Quality

INSTRUCTIONS: Complete all sections of this form and email it to Office of Water Quality, Compliance Data Section at wwreports@idem.IN.gov. Thorough completion of this report will satisfy the Office of Water Quality (OWQ) telephone and 5-day written noncompliance notification reporting requirements of your NPDES permit. To speak with someone in OWQ, call (317) 232-8670.

Additionally, any noncompliance which may pose a significant danger to human health or the environment (including a fish kill) must be immediately reported to the Emergency Response Section spill response line at: (317) 233-7745 or toll free within Indiana at (888) 233-7745.

FACILITY INFORMATION				
Facility Name		County		NPDES Permit Number
Aqua Bounty Farms		Delaware		IN0062669
Individual Reporting		Telephone Number		Reporting Date (month, day, year)
Peter Bowyer		919-748-9911		7/8/2020
Email Address				
pbowyer@aquabounty.com				
NONCOMPLIANCE INFORMATION				
Date (month, day, year)	Outfall	Parameter	Permit Limit (Units/Daily/Weekly/Ave/Max/Min)	Monitored Value
7/8/2020	001	Ammonia	1.7 mg/L monthly permit average	2.32 mg/L
Date (month, day, year)	Outfall	Parameter	Permit Limit (Units/Daily/Weekly/Ave/Max/Min)	Monitored Value
7/30/2020	001	Ammonia	1.7 mg/L monthly permit average	2.00 mg/l
Description of the Noncompliance and its Cause:				
The ammonia concentration was 0.62 mg/L over the 1.7 mg/L monthly permit average on 7/8/20, 0.30 mg/l over the 1.7 mg/L monthly permit average on 7/30/20, and 0.46 mg/l over the 2.16 mg/l average of the two samples collected during July 2020.				
Description of the Period of Noncompliance, Including Exact Dates and Time, and if the Noncompliance has not been Corrected, the Anticipated Time it is Expected to Continue:				
This non-compliance was for the reporting period that included the month of July 2020. Monthly average effluent limits for ammonia are 3.3 mg/L during winter months, however, the limits for ammonia change to Summer limits of 1.7 mg/L monthly average during the period of May 1st through November 30 th . The higher ammonia concentrations are a recent development within the facility, however, the primary reason for the increase is still under investigation. Prior to the seasonal change from Winter to Summer limits, the facility discharge was generally in compliance for all parameters. Aquabounty is considering various options to control and reduce the ammonia in the discharge, however, since ammonia removal is impacted by physical, chemical and biological processes both within the fish rearing system as well as the actual wastewater treatment system, the system may not respond to adjustments rapidly.				
Steps Taken or Planned to Reduce, Eliminate, and Prevent Reoccurrence of the Noncompliance:				
Investigate various sources of ammonia generation and removal in the fish rearing system as well as the discharge from the treatment system. Determine alternative methods of reducing the ammonia in the fish rearing area as well as in the discharge from the treatment system, wetlands ponds and discharge area.				
CERTIFICATION AND SIGNATURE				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.				
SIGNATURE: <u>Peter Bowyer</u>				DATE (month, day, year):
<u>8/27/2020</u>				