



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



JANET T. MILLS
GOVERNOR

GERALD D. REID
COMMISSIONER

July 31, 2019

Ms. Elizabeth Ransom
Ransom Consulting, Inc.
400 Commercial Street, Suite 404
Portland, Maine 04101

*Sent via electronic mail
Delivery confirmation requested*

RE: SITE LOCATION OF DEVELOPMENT ACT APPLICATION AND NATURAL RESOURCES PROTECTION ACT APPLICATION (DEP#L-28319-26-A-N/L-28319-TG-B-N/L-28319-4E-CN/L-28319-L6-D-N/L-28319-TW-E-N), WASTE DISCHARGE LICENSE(WDL)/ MAINE POLLUTANT DISCHARGE ELIMINATION SYSTEM (MEPDES) PERMIT APPLICATION (DEP #W009200-6F-A-N / MEPDES PERMIT# ME0002771), CHAPTER 115 MINOR AIR EMISSIONS APPLICATION (DEP #A-1146-71-AN), BELFAST/NORTHPORT, MAINE

Dear Ms. Ransom,

The Department accepted the above-noted applications as complete for processing on June 13, 2019, and the Board of Environmental Protection (Board) has assumed jurisdiction over the Nordic Aquafarms, Inc. (Nordic) applications. The Department staff have begun substantive review of the application in light of the applicable environmental standards. By this letter the Department requests further information on the following items that have been identified to date.

The Department is requesting the following information to further characterize the discharge from the proposed Nordic Aquafarms site in Belfast:

1. The location of the outfall, its configuration, and what the associated acute and chronic dilution factors will be and provide modeling details as to how they were derived.
2. The final far-field dilution, which models were used, why they were used and substantial details about all assumptions used to develop the model(s).
3. The far-field modeling information needs to include an analysis of the discharge's influence on ambient water quality relative to dissolved oxygen and total nitrogen. This analysis should be based on expected permit limits for BOD (technology-based limit for BOD (technology-based limit for BOD is expected to be 30 mg/l as a monthly average, and 50 mg/L as a daily maximum), and proposed loading for total nitrogen and discharge flow. The applicant's water quality monitoring contained DO values that were below the percent saturation criterion for the SB waterbody classification.

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4. A detailed list of all drugs, pesticides, and chemicals that may be used in the facility, their concentration, and an estimate of the amount used annually.
5. Information regarding the temperature or thermal component of the discharge to the receiving water.

If you have any questions with this request, please contact Cindy Dionne at (207) 287-7823

Sincerely,



Kevin Martin
Compliance & Procedures Specialist
Maine Department of Environmental Protection
(207) 287-4305

cc: BEP Petitioners Service List revised July 23, 2019
BEP Preliminary Service List revised July 22, 2019