MINOR NPDES PERMIT MODIFICATION

issued to

Permittee:
US Department of Commerce
National Oceanic and Atmospheric Administration
National Marine Fisheries Service
Northeast Fisheries Science Center
Milford Laboratory
74 Magruder Road
Highlands, NJ 07732

Location Address:
212 Rogers Avenue
Milford, CT 06460

Attention: Linda Arlen

Facility ID: 084-097 **Permit ID:** CT0090182 **Permit Modification Expires:** July 29, 2015

This minor permit modification is issued in accordance with section 22a-430 of Chapter 446k, Connecticut General Statutes ("CGS"), section 22a-430-4(p)(5) of the Regulations of Connecticut State Agencies ("RCSA") adopted thereunder, as amended, and Section 402(b) of the Clean Water Act, as amended 33 USC 1251, et. seq., and pursuant to an approval dated September 26, 1973, by the Administrator of the United States Environmental Protection Agency for the State of Connecticut to administer a N.P.D.E.S. permit program.

The Commissioner of Environmental Protection ("the Commissioner") has made a final determination on this permit modification and found that the continuance of the existing discharge will not cause pollution of the waters of the state. The Commissioner's decision is based on Application No. 200903588 for permit reissuance received on October 23, 2009 and the administrative record established in the processing of that application.

US Department of Commerce, NOAA Fisheries, Northeast Fisheries Science Center, Milford Laboratory, ("Permittee"), shall comply with all conditions of Permit No. CT0090182 issued on July 30, 2010 with the following modification:

1. Section 4, Table A, associated with DSN 001-1, is hereby replaced and superseded with the attached Table A. Table A is modified to change the parameter name from Phosphorous, Total to Phosphorus, Total (as P) and units for Temperature from mg/l to °F.

2. Section 4, Table B, associated with DSN 002-1, is hereby replaced and superseded with the attached Table B. Table B is modified to change the parameter name from Phosphorous, Total to Phosphorus, Total (as P) and units for Temperature from mg/l to °F.

The Commissioner hereby authorizes the Permittee to discharge in accordance with the provisions of this permit modification, Permit No. CT0090182, the above referenced application, and all approvals issued by the Commissioner or the Commissioner's authorized agent for the discharges and/or activities authorized by, or associated with, this permit.

The Commissioner reserves the right to make appropriate revisions to the permit in order to establish any appropriate effluent limitations, schedules of compliance, or other provisions that may be authorized under the Clean Water Act or the Connecticut General Statutes or regulations adopted thereunder, as amended. The permit as modified under this paragraph may also contain any other requirements of the Clean Water Act or Connecticut General Statutes or regulations adopted thereunder which are then applicable.

All other terms and conditions of Permit No. CT0090182 issued on July 30, 2010 shall continue in full force and effect.

This minor modification is hereby issued on August 10, 2010.

Kim E. Hudak, P.E
Kim E. Hudak, P.E.
Assistant Director
Bureau of Materials Management and
Compliance Assurance

KH/EMW
Permit No. CT0090182
Sent RRR

Table A

Discharge Serial Number: 001-1 | **Monitoring Location:** 1

Wastewater Description: Combined Aquaculture holding tank seawater and sand filter backwash wastewaters

Monitoring Location Description: Outfall Pipe

PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING			Minimum Level Test[3]
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency [1]	Sample Type or Measurement to be reported[2]	Instantaneous limit or required range	Sample/ Reporting Frequency	Sample Type or measurement to be reported	
Ammonia Nitrogen, Total	mg/l	NA	3.0	Twice per Year	Daily Composite	4.5	NR	Grab	*
Copper, Total	mg/l	NA	-----	Twice per Year	Daily Composite	NA	NR	Grab	
Chlorine, Total Residual	mg/l	NA	-----	Twice per Year	Daily Composite	NA	NR	Grab	*
Dissolved Solids, Total	mg/l	NA	-----	Twice per Year	Daily Composite	NA	NR	Grab	
Lead, Total	mg/l	NA	-----	Twice per Year	Daily Composite	NA	NR	Grab	*
Nickel, Total	mg/l	NA	-----	Twice per Year	Daily Composite	NA	NR	Grab	
Flow, Day of Sample[4]	gpd	NA	120,000	Twice per Year	Daily Flow	NA	NR	NA	
Flow, Maximum Daily[4]	gpd	NA	120,000	Weekly/Twice per Year	Daily Flow	NA	NR	NA	
pH	S.U.	NA	NA	NR	NA	6.0 – 9.0	Twice per Year	RDS	
Phosphorus, Total (as P)	mg/l	NA	-----	Twice per Year	Daily Composite	NA	NR	Grab	
Oil Petroleum, Total Recoverable	mg/l	NA	5.0	Twice per Year	Grab Sample Average	7.5	NR	Grab	
Surfactants, as MBAS	mg/l	NA	0.50	Twice per Year	Grab Sample Average	0.75	NR	Grab	
Suspended Solids, Total	mg/l	NA	50.0	Twice per Year	Daily Composite	60.0	NR	Grab	
Temperature	°F	NA	NR	NA	NA	-----	Twice per Year	Grab	
Zinc, Total	mg/l	NA	-----	Twice per Year	Daily Composite	NA	NR	Grab	*

Table Footnotes and Remarks:

Footnotes:

[1] The first entry in this column is the 'Sample Frequency'. If a 'Reporting Frequency' does not follow this entry and the 'Sample Frequency' is more frequent than monthly then the 'Reporting Frequency' is monthly. If the 'Sample frequency' is specified as monthly, or less frequent, then the 'Reporting Frequency' is the same as the 'Sample Frequency'.

[2] Daily Composite and 'Grab Sample Average' samples shall be collected over the low tide cycle when the outfall pipe is accessible. Composite and 'Grab Sample Average' samples shall consist of aliquot samples, of equal volume, collected once per hour for six (6) hours.

[3] Minimum Level Test refers to Section 6 Paragraph (A)(3) of this permit.

[4] For this parameter the Permittee shall maintain at the facility a record of the total daily flow once per week and shall report the Maximum Daily Flow for each sampling month.

Table B

Discharge Serial Number: 002-1 | **Monitoring Location:** 1

Wastewater Description: Combined Aquaculture holding tank seawater, sand filter backwash and seawater bypass wastewaters

Monitoring Location Description: Outfall Pipe

PARAMETER	UNITS	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING			Minimum Level Test[3]
		Average Monthly Limit	Maximum Daily Limit	Sample/Reporting Frequency [1]	Sample Type or Measurement to be reported[2]	Instantaneous limit or required range	Sample/ Reporting Frequency	Sample Type or measurement to be reported	
Ammonia Nitrogen, Total	mg/l	NA	3.0	Twice per Year	Daily Composite	4.5	NR	Grab	
Copper, Total	mg/l	NA	-----	Twice per Year	Daily Composite	NA	NR	Grab	*
Chlorine, Total Residual	mg/l	NA	-----	Twice per Year	Daily Composite	NA	NR	Grab	*
Dissolved Solids, Total	mg/l	NA	-----	Twice per Year	Daily Composite	NA	NR	Grab	
Lead, Total	mg/l	NA	-----	Twice per Year	Daily Composite	NA	NR	Grab	*
Nickel, Total	mg/l	NA	-----	Twice per Year	Daily Composite	NA	NR	Grab	
Flow, Day of Sample[4]	gpd	NA	1,500,000	Twice per Year	Daily Flow	NA	NR	NA	
Flow, Maximum Daily[4]	gpd	NA	1,500,000	Weekly/Twice per Year	Daily Flow	NA	NR	NA	
pH	S.U.	NA	NA	NR	NA	6.0 – 9.0	Twice per Year	RDS	
Phosphorus, Total (as P)	mg/l	NA	-----	Twice per Year	Daily Composite	NA	NR	Grab	
Oil Petroleum, Total Recoverable	mg/l	NA	5.0	Twice per Year	Grab Sample Average	7.5	NR	Grab	
Surfactants, as MBAS	mg/l	NA	0.50	Twice per Year	Grab Sample Average	0.75	NR	Grab	
Suspended Solids, Total	mg/l	NA	50.0	Twice per Year	Daily Composite	60.0	NR	Grab	
Temperature	°F	NA	NR	NA	NA	-----	Twice per Year	Grab	
Zinc, Total	mg/l	NA	-----	Twice per Year	Daily Composite	NA	NR	Grab	*

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