



JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



GERALD D. REID
COMMISSIONER

March 8, 2019

Ms. Annaleis Hafford
Olver Associates Inc.
P.O Box 679
Winterport, ME. 04496

RE: Maine Pollutant Discharge Elimination System (MEPDES) Permit #ME0102156
Maine Waste Discharge License (WDL) #W006521-6B-G-M
Proposed Draft Permit Modification

Dear Ms. Hafford:

Enclosed is a **proposed draft** MEPDES permit and Maine WDL which the Department proposes to issue for your facility as a final document after opportunity for your review and comment. By transmittal of this letter, you are provided with an opportunity to comment on the proposed draft document and its special and standard conditions. If it contains errors or does not accurately reflect present or proposed conditions, please respond to this Department so that changes can be considered.

By copy of this letter, the Department is requesting comments on the proposed draft permit from various state and federal agencies and from any other parties who have notified the Department of their interest in this matter.

Beginning today, Friday, March 8, 2019, the Department is making the draft permit available for a 30-day public comment period. All comments on the proposed draft permit must be received in the Department of Environmental Protection office on or before the close of business **Monday, April 8, 2019**. Failure to submit comments in a timely fashion will result in the final permit document being issued as drafted.

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826

BANGOR
106 HOGAN ROAD, SUITE 6
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

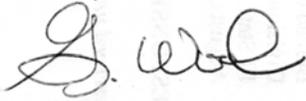
PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04769
(207) 764-0477 FAX: (207) 760-3143

Comments in writing should be submitted to my attention at the following address:

Maine Department of Environmental Protection
Bureau of Water Quality
Division of Water Quality Management
17 State House Station
Augusta, ME 04333-0017
gregg.wood@maine.gov

If you have any questions regarding the matter, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "G. Wood". The signature is written in a cursive style with a large initial "G" and a stylized "W".

Gregg Wood
Division of Water Quality Management
Bureau of Water Quality

Enc.

cc: Clarissa Trasko, MDEP/EMRO
Lori Mitchell, MDEP/CMRO
Ellen Weitzler, USEPA
Marelyn Vega, USEPA
Shelley Puleo, USEPA



DEPARTMENT ORDER

IN THE MATTER OF

TOWN EAST MACHIAS) MAINE POLLUTANT DISCHARGE
EAST MACHIAS, WASHINGTON COUNTY, MAINE) ELIMINATION SYSTEM PERMIT
PUBLICLY OWNED TREATMENT WORKS) AND
ME0102156) WASTE DISCHARGE LICENSE
W006521-6B-G-M) **APPROVAL**) **MODIFICATION**

In compliance with the provisions of the *Pollution Control*, 38 M.R.S.A. §§ 411 – 424-B, *Water Classification Program*, 38 M.R.S. § 464 – 470 and *Federal Water Pollution Control Act*, Title 33 U.S.C. § 1251, *et seq.*, and applicable rules of the, the Department of Environmental Protection (Department hereinafter) has considered the application of the TOWN OF EAST MACHIAS (Town/permittee hereinafter), with its supportive data, agency review comments, and other related materials on file and FINDS THE FOLLOWING FACTS:

APPLICATION SUMMARY

The Town of East Machias has submitted an application to the Department to modify combination Maine Pollutant Discharge Elimination System (MEPDES) permit ME0102156/Maine Waste Discharge License (WDL) W006521-6B-F-R, which was issued by the Department on July 31, 2018, for a five-year term. More specifically, the permittee is requesting to replace the pH range limitation of 6.0 – 9.0 standard units (su) for Outfalls #006, #007, #015 and #017 with a “Report” only requirement. The permittee indicates recent sampling indicates the pH range can fall into the 5.0 – 5.9 su range due to natural conditions associated with the sand filter treatment system.

PERMIT SUMMARY

The request by the permittee is acceptable to the Department as other sand filter treatment systems regulated by the Department have experienced the same phenomenon. Therefore, the pH range limitations for Outfalls #006, #007, #015 and #017 is being modified to a “Report” only requirement.

CONCLUSIONS

Based on the findings summarized on page one of this permit modification, and subject to the special and standard conditions that follow, the Department makes the following CONCLUSIONS:

1. The discharge, either by itself or in combination with other discharges, will not lower the quality of any classified body of water below such classification.
2. The discharge, either by itself or in combination with other discharges, will not lower the quality of any unclassified body of water below the classification which the Department expects to adopt in accordance with state law.
3. The provisions of the State's antidegradation policy, *Classification of Maine waters*, 38 M.R.S. § 464(4)(F), will be met, in that:
 - a. Existing in-stream water uses and the level of water quality necessary to protect and maintain those existing uses will be maintained and protected;
 - b. Where high quality waters of the State constitute an outstanding natural resource, that water quality will be maintained and protected;
 - c. Where the standards of classification of the receiving waterbody are not met, the discharge will not cause or contribute to the failure of the waterbody to meet the standards of classification;
 - d. Where the actual quality of any classified receiving waterbody exceeds the minimum standards of the next highest classification that higher water quality will be maintained and protected; and
 - e. Where a discharge will result in lowering the existing water quality of any waterbody, the Department has made the finding, following opportunity for public participation, that this action is necessary to achieve important economic or social benefits to the State.
4. The discharges will be subject to effluent limitations that require application of best practicable treatment as defined in *Conditions of licenses* 38 M.R.S. § 414-A(1)(D).

ACTION

THEREFORE, the Department APPROVES the above noted application of the TOWN OF EAST MACHIAS to modify combination Maine Pollutant Discharge Elimination System (MEPDES) permit ME0102156/Maine Waste Discharge License (WDL) W006521-6B-F-R, which was issued by the Department on July 31, 2018, for a five-year term. The discharges must be subject to the attached conditions and all applicable standards and regulations including:

1. *Maine Pollutant Discharge Elimination System Permit Standard Conditions Applicable To All Permits*, revised July 1, 2002, copy attached to MEPDES permit ME0102156/WDL W006521-6B-F-R, issued by the Department on July 31, 2018, for a five-year term.
2. The attached Special Conditions, including any effluent limitations and monitoring requirements.
3. All terms and conditions in ME0102156/WDL W006521-6B-F-R, issued by the Department on July 31, 2018, not modified by this permit modification remain in effect and enforceable.
4. This permit modification becomes effective upon the date of signature below and expires at midnight on July 31, 2023. If a renewal application is timely submitted and accepted as complete for processing prior to the expiration of this permit, the terms and conditions of this permit and all subsequent modifications and minor revisions thereto remain in effect until a final Department decision on the renewal application becomes effective. *Maine Administrative Procedure Act*, 5 M.R.S. § 10002 and *Rules Concerning the Processing of Applications and Other Administrative Matters*, 06-096 CMR 2(21)(A) (amended June 9, 2018).

DONE AND DATED AT AUGUSTA, MAINE, THIS _____ DAY OF _____ 2019.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: _____
Gerald D. Reid Commissioner

Date of initial receipt of application February 19, 2019

Date of application acceptance February 19, 2019

Date filed with Board of Environmental Protection _____

This Order prepared by Irene Saumur, BUREAU OF WATER QUALITY

SPECIAL CONDITIONS

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (cont'd)

4. The permittee is authorized to discharge secondary treated sanitary wastewater from **Outfalls #006, #007, #015 and #017**, to the East Machias River. Such discharges shall be limited and must be monitored as specified below:

Effluent Characteristic	Discharge Limitations						Minimum Monitoring Requirements	
	Monthly Average	Weekly Average	Daily Maximum	Monthly Average	Weekly Average	Daily Maximum	Measurement Frequency	Sample Type
Flow(*) [50050]	Gallons/Day [07] <i>See table below</i>	---	---	---	---	---	---	Estimate [ES]
Biochemical Oxygen Demand ₅ (BOD ₅)[00310]	---	---	---	30 mg/L [19]	45 mg/L [19]	50 mg/L [19]	1/Year [01/01]	Grab [GR]
Total Suspended Solids (TSS) [00530]	---	---	---	30 mg/L [19]	45 mg/L [19]	50 mg/L [19]	1/Year [01/01]	Grab [GR]
Fecal Coliform Bacteria ⁽³⁾ (May 15 – September 30) [31633]	---	---	---	15/100 ml ⁽⁴⁾ [13]	---	50/100 ml [13]	1/Year [01/01]	Grab [GR]
Total Residual Chlorine ⁽⁵⁾ [00665]	---	---	---	---	---	1.0 mg/L [19]	1/Year [01/01]	Grab [GR]
pH ⁽⁶⁾ [00400]	---	---	---	---	---	Report SU [12]	1/Year [01/01]	Grab [GR]

Footnotes – With the exception of footnote #6, see pages 8 and 9 of MEPDES permit ME0102156/WDL W006521-6B-F-R, issued by the Department on July 31, 2018.

SPECIAL CONDITIONS

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (cont'd)

FOOTNOTES

6. **pH Range Limitation** – The effluent values for pH must be maintained within the range of 5.0 to 9.0 standard units (su) unless the publicly owned treatment works demonstrates that:
 - (1) Inorganic chemicals are not added to the waste stream as part of the treatment process; and
 - (2) contributions from industrial sources do not cause the pH of the effluent to be less than 5.0 or greater than 9.0 su. The permittee must provide oral notification of any exceedance of the specified range within 24 hours from the time the permittee becomes aware of the circumstances. The permittee must submit a written explanation of the exceedance within 5 days of the time the permittee becomes aware of the exceedance including what investigative measures were taken to identify the cause(s) of the exceedance. If the pH exceedance is believed to be attributed to natural causes, then the permittee must provide information to support that claim with the exceedance report.

